SAR EVALUATION REPORT

IEEE Std 1528-2013

For
SMARTPHONE

FCC ID: BCG-E8439A
Model Name: A2849

Report Number: 14523771-S1V4
Issue Date: 8/23/2023

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) 319-4000
FAX: (510) 661-0888

CERT #0751.05

Revision History

Rev.	Date	Revisions	Revised By
V1	8/2/2023	Initial Issue	--
V2	8/9/2023	Section 6.1: Updated note Section 9.4: Updated ULCA Max power Section 9.7: Fixed Channel typo Section 9.8: Fixed ac mode typo Section 9.9: Updated Power Table Section 10.16: Updated ULCA table	Devin Chang Coltyce Sanders
V3	8/17/2023	Sections 6 & 9: Updated note	Coltyce Sanders
V4	8/23/2023	Section 4.3: Updated Test Equipment Section 8.1 & 8.2: Updated table Section 10.46: Added Table Appendix A: Added test configuration. Appendix B & C: Added plots	Coltyce Sanders

Table of Contents

1. Attestation of Test Results

Applicant Name		APPLE INC.						
FCC ID		BCG-E8439A						
Model Name		A2849						
Applicable Standards		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	DXX
Head		0.894	0.948	0.842	1.071	0.968	0.619	N/A
Body-worn (Dist.= 5 mm)		0.946	0.947	0.866	0.779	1.109	0.756	N/A
Hotspot (Dist.= 5 mm)		0.946	0.947	0.941	0.949	1.109	0.964	N/A
Extremities (Dist.= 0 mm)		N/A	N/A	N/A	N/A	N/A	N/A	0.006
Simultaneous TX	Head	1.376	1.430	1.330	1.430	1.430	1.409	N/A
	Body-worn	1.476	1.477	1.395	1.418	1.477	1.477	N/A
	Hotspot	1.476	1.477	1.412	1.418	1.477	1.477	N/A
Date Tested		6/21/2023 to 8/23/2023						
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 can demonstrate 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 considered 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 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, or any agency of the U.S. Government, or any agency of the U.S. government.

Approved & Released By:	Prepared By:
	
Devin Chang Senior Test Engineer UL Verification Services Inc.	AJ Newcomer Laboratory 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** October 2020; 5G and RF Exposure Procedures (U-NII 6-7 GHz SAR Testing)
- **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 Labs A to I	SAR Labs 1 to 19

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

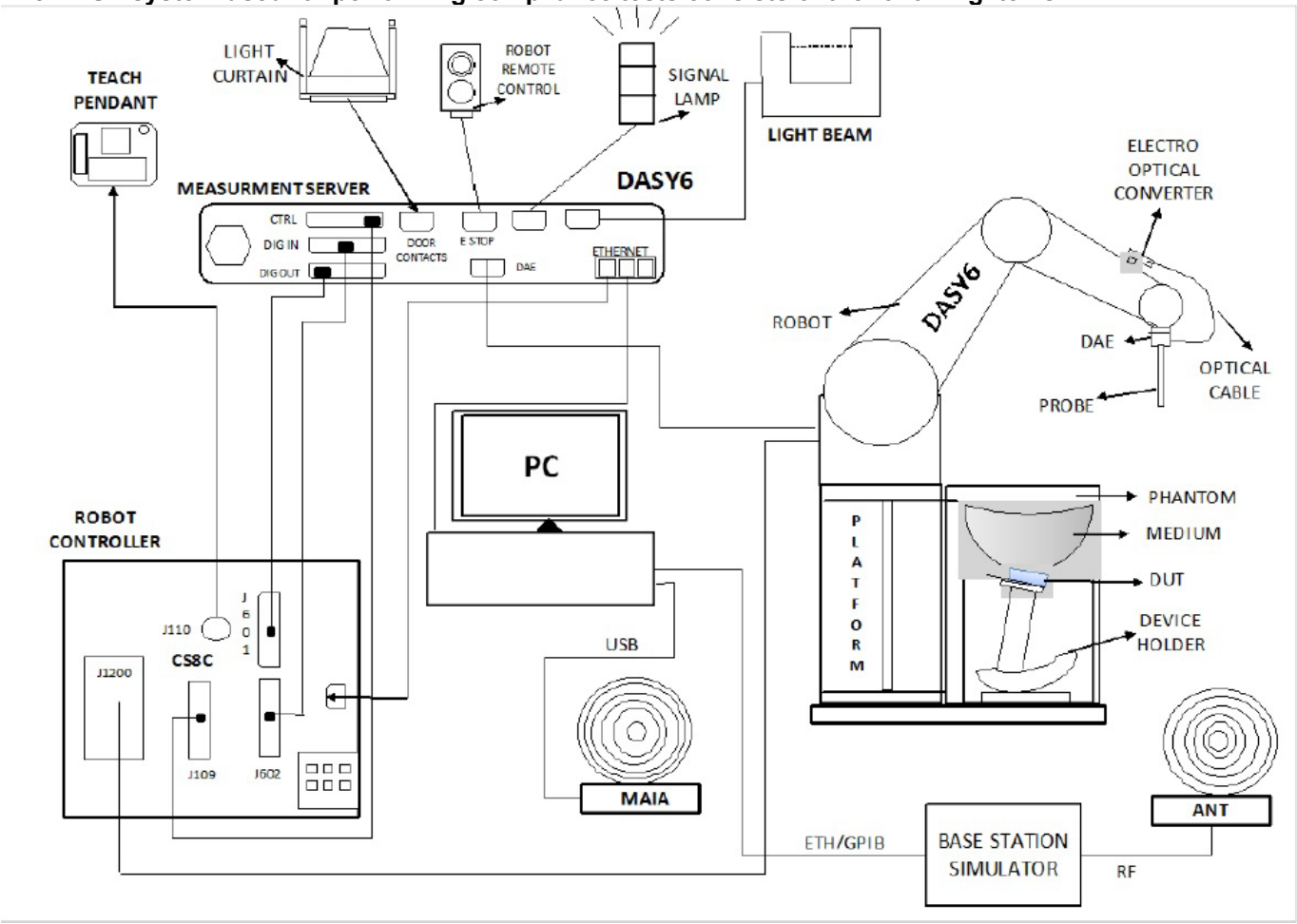
The Test Lab Conformity Assessment Body Identifier (CABID)

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 Win10 and the DASY6/8[1] 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] DASY6/8 software used: DASY6.16.2 or DASY8.16.2 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 IEC/IEEE 62209-1528, 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.

Dielectric Property Measurements

Name of Equipment	Manufacturer	Type/Model	Serial No.	Cal. Due Date
Vector Network Analyzer	ROHDE & SCHWARZ	ZNLE6	101274-mn	2/19/2024
Dielectric Probe kit	SPEAG	DAK-3.5	1103	2/28/2024
Shorting Block	SPEAG	DAK-1.2/3.5 Short	SM DAK 200 BA	2/28/2024
Thermometer	Fisher Scientific	Traceable	122529162	8/9/2023
Vector Network Analyzer	ROHDE & SCHWARZ	ZNLE6	101273-VA	2/19/2024
Dielectric Probe kit	SPEAG	DAK-3.5	1082	9/19/2023
Dielectric Probe kit	SPEAG	DAK-12	1128	1/16/2024
Shorting Block	SPEAG	DAK-1.2/3.5 Short	SM DAK 200 BA	9/19/2023
Shorting Block	SPEAG	DAK-12 Short	SM DAK 220 AC	1/16/2024
Thermometer	Fisher Scientific	Traceable	140493798	4/30/2024
Vector Network Analyzer	Copper Mountain Tech	R140N	21130078	4/30/2024
Dielectric Probe kit	SPEAG	DAK-3.5	1087	11/17/2023
Shorting Block	SPEAG	DAK-1.2/3.5 Short	SM DAK 200 BA	11/17/2023
Thermometer	Fisher Scientific	Traceable	170064398	4/10/2024

System Check

Name of Equipment	Manufacturer	Type/Model	Serial No.	Cal. Due Date
MXG Analog Signal Generator	Agilent	N5181A	MY50140610	1/31/2024
Power Meter	HP	437B	3125U11364	1/31/2024
Power Meter	HP	437B	3125U11347	1/31/2024
Power Sensor	HP	8481A	3318A92374	1/31/2024
Power Sensor	HP	8481A	1926A27049	1/31/2024
Amplifier	Miteq	AMF-4D-00400600-50-30P	1795093	N/A
Bi-directional coupler	Werlatone	C8060-102	2711	N/A
DC Power Supply	Sorensen	XT 15-4	1802A01877	N/A
MXG Analog Signal Generator	Agilent	N5181A	MY50140630	1/31/2024
Power Meter	Keysight	N1912A	MY55196004	1/31/2024
Power Sensor	Agilent	N1921A	MY53260010	1/31/2024
Power Sensor	Agilent	N1921A	MY52260009	1/31/2024
Amplifier	Miteq	AMF-4D-00400600-50-30P	1795092	N/A
Bi-directional coupler	Werlatone	C8060-102	2149	N/A
DC Power Supply	Sorensen	XT 15-4	PRE0178948	N/A
Signal Genarator	R&S	SMB 100A	171706	2/29/2024
Power Meter	Keysight	N1912A	MY55196007	1/31/2024
Power Sensor	Agilent	N1921A	MY53020038	1/31/2024
Power Sensor	R&S	NRP18A	171503	2/29/2024
Bi-directional coupler	Werlatone	C8060-102	4054	N/A
Signal Genarator	R&S	SMB 100A	171705	2/29/2024
Power Meter	HP	437B	3125U09248	1/31/2024
Power Sensor	HP	8481A	2237A31744	1/31/2024
Power Sensor	R&S	NRP8S	199180	2/29/2024
Bi-directional coupler	Werlatone	C8060-102	2710	N/A
Signal Genarator	R&S	SMB 100A	171705	2/29/2024
Power Meter	HP	437B	3125U09248	1/31/2024
Power Sensor	R&S	NRP18A	171443	2/292024
Power Sensor	Agilent	8481A	2237A31744	1/26/2024
Bi-directional coupler	Werlatone	C8060-102	2710	N/A

Lab Equipment

Name of Equipment	Manufacturer	Type/Model	Serial No.	Cal. Due Date
E-Field Probe (SAR Lab A)	SPEAG	EX3DV4	3772	2/13/2024
E-Field Probe (SAR Lab B)	SPEAG	EX3DV4	3773	2/13/2024
E-Field Probe (SAR Lab D)	SPEAG	EX3DV4	7587	4/18/2024
E-Field Probe (SAR Lab E)	SPEAG	EX3DV4	7501	4/3/2024
E-Field Probe (SAR Lab E)	SPEAG	EX3DV4	3929	4/26/2024
E-Field Probe (SAR Lab F)	SPEAG	EX3DV4	7585	4/18/2024
E-Field Probe (SAR Lab H)	SPEAG	EX3DV4	3902	3/17/2024
E-Field Probe (SAR Lab I)	SPEAG	EX3DV4	7810	4/25/2024
E-Field Probe (SAR Lab 1)	SPEAG	EX3DV4	3749	1/27/2024
E-Field Probe (SAR Lab 2)	SPEAG	EX3DV4	3989	1/26/2024
E-Field Probe (SAR Lab 4)	SPEAG	EX3DV4	7569	4/18/2024
E-Field Probe (SAR Lab 5)	SPEAG	EX3DV4	3991	9/22/2023
E-Field Probe (SAR Lab 7)	SPEAG	EX3DV4	7806	4/4/2024
E-Field Probe (SAR Lab 8)	SPEAG	EX3DV4	7807	4/11/2024
E-Field Probe (SAR Lab 9)	SPEAG	EX3DV4	7589	4/18/2024
E-Field Probe (SAR Lab 10)	SPEAG	EX3DV4	7448	2/14/2024
E-Field Probe (SAR Lab 12)	SPEAG	EX3DV4	7808	4/18/2024
E-Field Probe (SAR Lab 13)	SPEAG	EX3DV4	3990	2/17/2024
E-Field Probe (SAR Lab 15)	SPEAG	EX3DV4	3885	9/20/2023
E-Field Probe (SAR Lab 16)	SPEAG	EX3DV4	7482	4/18/2024
E-Field Probe (SAR Lab 17)	SPEAG	EX3DV4	7335	1/26/2024
E-Field Probe (SAR Lab 18)	SPEAG	EX3DV4	7463	4/19/2024
E-Field Probe (SAR Lab 19)	SPEAG	EX3DV4	7356	3/17/2024

Name of Equipment	Manufacturer	Type/Model	Serial No.	Cal. Due Date
Data Acquisition Electronics (SAR Lab A)	SPEAG	DAE4	1359	1/24/2024
Data Acquisition Electronics (SAR Lab B)	SPEAG	DAE4	1258	3/16/2024
Data Acquisition Electronics (SAR Lab D)	SPEAG	DAE4	1239	3/16/2024
Data Acquisition Electronics (SAR Lab E)	SPEAG	DAE4	1546	3/13/2024
Data Acquisition Electronics (SAR Lab E)	SPEAG	DAE4	1675	5/11/2024
Data Acquisition Electronics (SAR Lab F)	SPEAG	DAE4	1797	4/3/2024
Data Acquisition Electronics (SAR Lab F)	SPEAG	DAE4	1259	3/13/2024
Data Acquisition Electronics (SAR Lab F)	SPEAG	DAE4	1434	6/13/2024
Data Acquisition Electronics (SAR Lab H)	SPEAG	DAE4	1439	3/16/2024
Data Acquisition Electronics (SAR Lab H)	SPEAG	DAE4	1797	4/3/2024
Data Acquisition Electronics (SAR Lab I)	SPEAG	DAE4	1797	4/3/2024
Data Acquisition Electronics (SAR Lab I)	SPEAG	DAE4	1439	3/16/2024
Data Acquisition Electronics (SAR Lab 1)	SPEAG	DAE4	1357	1/27/2024
Data Acquisition Electronics (SAR Lab 2)	SPEAG	DAE4	1257	9/20/2023
Data Acquisition Electronics (SAR Lab 2)	SPEAG	DAE4	1547	4/18/2024
Data Acquisition Electronics (SAR Lab 4)	SPEAG	DAE4	1547	4/18/2024
Data Acquisition Electronics (SAR Lab 5)	SPEAG	DAE4	1674	5/11/2024
Data Acquisition Electronics (SAR Lab 7)	SPEAG	DAE4	1784	4/3/2024
Data Acquisition Electronics (SAR Lab 8)	SPEAG	DAE4	1799	4/4/2024
Data Acquisition Electronics (SAR Lab 9)	SPEAG	DAE4	1544	1/24/2024
Data Acquisition Electronics (SAR Lab 10)	SPEAG	DAE4	1472	1/23/2024
Data Acquisition Electronics (SAR Lab 12)	SPEAG	DAE4	1796	4/3/2024
Data Acquisition Electronics (SAR Lab 13)	SPEAG	DAE4	1545	2/14/2024
Data Acquisition Electronics (SAR Lab 15)	SPEAG	DAE4	1548	2/14/2024
Data Acquisition Electronics (SAR Lab 16)	SPEAG	DAE4	1380	2/14/2024
Data Acquisition Electronics (SAR Lab 17)	SPEAG	DAE4	1619	4/18/2024
Data Acquisition Electronics (SAR Lab 18)	SPEAG	DAE4	1673	5/12/2024
Data Acquisition Electronics (SAR Lab 19)	SPEAG	DAE4	1798	5/2/2024
Thermometer	TRACEABLE	6530CC	170361	2/29/2024
Thermometer	TRACEABLE	6530CC	155512	2/29/2024
Thermometer	TRACEABLE	6530CC	174046	2/29/2024
Thermometer	TRACEABLE	6530CC	168571	2/29/2024
Thermometer	TRACEABLE	6530CC	155354	2/29/2024
Thermometer	TRACEABLE	6530CC	174045	2/29/2024
Thermometer	TRACEABLE	6530CC	175732	2/29/2024
Thermometer	TRACEABLE	6530CC	168576	2/29/2024
Thermometer	TRACEABLE	6530CC	168575	2/29/2024

Lab Equipment

Name of Equipment	Manufacturer	Type/Model	Serial No.	Cal. Due Date
System Validation Dipole	SPEAG	D750V3	1019	4/13/2024
System Validation Dipole	SPEAG	D835V2	4d002	11/24/2023
System Validation Dipole*	SPEAG	D1640V2	334	3/25/2023
System Validation Dipole	SPEAG	D1750V2	1050	4/19/2024
System Validation Dipole	SPEAG	D1750V2	1053	10/17/2023
System Validation Dipole	SPEAG	D1900V2	5d140	4/14/2024
System Validation Dipole	SPEAG	D1900V2	5d163	10/28/2023
System Validation Dipole	SPEAG	D2300V2	1002	4/11/2024
System Validation Dipole	SPEAG	D2300V2	1058	10/18/2023
System Validation Dipole	SPEAG	D2450V2	706	1/20/2024
System Validation Dipole	SPEAG	D2450V2	899	4/18/2024
System Validation Dipole	SPEAG	D2600V2	1036	4/11/2024
System Validation Dipole	SPEAG	D3500V2	1011	4/17/2024
System Validation Dipole	SPEAG	D3500V2	1060	2/7/2024
System Validation Dipole	SPEAG	D3700V2	1110	11/30/2023
System Validation Dipole	SPEAG	D3900V2	1093	9/28/2023
System Validation Dipole	SPEAG	D5GHzV2	1138	2/3/2024
System Validation Dipole	SPEAG	D5GHzV2	1168	11/23/2023
System Validation Dipole	SPEAG	D5GHzV2	1003	2/22/2024
System Validation Dipole	SPEAG	CLA13	1008	1/12/2024

Note(s):

*Dipole Calibration Date has been extended past 1 year. Impedance measurements have been performed to validate Dipole performance. Refer to Appendix K for Dipole Impedance measurements.

Other

Name of Equipment	Manufacturer	Type/Model	Serial No.	Cal. Due Date
Power Meter	Keysight	N1911A	MY55196015	1/31/2024
Power Sensor	Agilent	N1921A	MY52270022	1/31/2024
Wideband Radio Communication Tester	R&S	CMW500	80580	2/29/2024
Wideband Radio Communication Tester	R&S	CMW500	85780	2/29/2024
Wideband Radio Communication Tester	R&S	CMW500	208643	2/29/2024
Wideband Radio Communication Tester	R&S	CMW500	208049	2/29/2024
Wideband Radio Communication Tester	R&S	CMW500	81849	2/29/2024
Wideband Radio Communication Tester	R&S	CMW500	85781	2/29/2024
Wideband Radio Communication Tester	R&S	CMW500	85719	2/29/2024
Wideband Radio Communication Tester	R&S	CMW500	208880	2/29/2024
Wideband Radio Communication Tester	R&S	CMW500	85348	2/29/2024
Wideband Radio Communication Tester	R&S	CMW500	159994	2/29/2024
Wideband Radio Communication Tester	R&S	CMW500	135602	2/29/2024
Wideband Radio Communication Tester	R&S	CMW500	209235	2/29/2024
Wideband Radio Communication Tester	R&S	CMW500	85806	2/29/2024
Wideband Radio Communication Tester	R&S	CMW500	85698	2/29/2024
Wideband Radio Communication Tester	R&S	CMW500	86119	2/29/2024

Note(s):

*Equipment not used past calibration due date.

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 cellular GSM, GPRS, EGPRS, UMTS, LTE, 5GNR1, 5GNR2, IEEE 802.11a/b/g/n/ac/ax, Bluetooth (BT), Ultra-Wideband (UWB), GPS, NFC, NB UNII, 802.15.4, 802.15.4ab-NB and MSS technologies. 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 respective reference model. Their cellular modem, Wi-Fi, BT, NFC, WPT, UWB, NB UNII, 802.15.4, 802.15.4ab-NB, 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. 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.

BCM4388 has 2 vendors. 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. Baseline testing was performed on the variants to determine the worst case on all conducted power and radiated emissions.

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	Refer to Appendix A
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 cellular 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 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
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 n48 TDD Band n53 FDD Band n66 FDD Band n70 FDD Band n71 TDD Band n77[2]	DFT-s-OFDM: Pi/2 BPSK, QPSK, 16QAM, 64QAM, 256QAM CP-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)		99.84% (802.11b)
	5 GHz[1]	802.11a 802.11n (HT20) 802.11n (HT40) 802.11ac (VHT20) 802.11ac (VHT40)		98.14% (802.11a/n/ac/ax 20MHz BW) 97.76% (802.11n/ac/ax 40MHz BW) 95.55% (802.11ac/ax 80MHz BW) 92.33% (802.11ac/ax 160MHz BW)

		802.11ac (VHT80) 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	
	6E [1]	802.11a 802.11ax (HE20) 802.11ax (HE40) 802.11ax (HE80) 802.11ax (HE160)	98.14% (802.11a/ax 20MHz BW) 98.64% (802.11ax 40MHz BW) 98.31% (802.11ax 80MHz BW) 91.81% (802.11ax 160MHz BW)
Bluetooth	2.4 GHz [1]	BR, EDR, LE, and HDR	76.83%(GFSK)
NB UNII	5150 – 5250 MHz 5725 – 5850 MHz	GFSK, π/4 DQPSK	76.65%
MSS	1.6 GHz	BPSK	100%
802.15.4	2405 – 2475 MHz	O-QPSK	60%
802.15.4ab-NB	5726.25 – 5848.75 MHz	O-QPSK	10%
NFC	13.56 MHz	Type A/B/F and ISO15693	100%
UWB[5] (Ultra-Wideband)	6.5 GHz and 8 GHz	BPM-BPSK	100%

Notes:

1. Refer to Section for respective Duty Cycle Plots.
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 18, LTE 3GPP Rel-16.
5. 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 [1]	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**					
	Mid- Low	**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 Antenna switching is implemented using a physical, "break-before-make" switch so 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% 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			

n48	SCS (kHz)	Frequency range: 3550 - 3700 MHz (BW = 150 MHz)												
		Channel Bandwidth (MHz)												
		100	90	80	70	60	50	40	30	25	20	15	10	5
Low	30	640000 /3600	639666 /3594.99	639332 /3589.98		638666 /3579.99	638332 /3574.98	638000 /3570	637332 /3564.99		637332 /3559.98	637166 /3557.49	637000 /3555	
Low-Mid	30	641110 /3616.65	641000 /3615	640888 /3613.32		640666 /3609.99	640554 /3608.31	640444 /3606.66	640332 /3604.98		640222 /3603.33	640166 /3602.49	640110 /3601.65	
Mid	30	642220 /3633.3	642332 /3634.98	642444 /3636.66		642666 /3639.99	642776 /3641.64	642888 /3643.32	642998 /3644.97		643110 /3646.65	643166 /3647.49	643220 /3648.3	
High	30	643332 /3649.98	643666 /3654.99	643998 /3659.97		644666 /3669.99	644998 /3674.97	645332 /3679.98	645666 /3684.99		645998 /3689.97	646166 /3692.49	646332 /3694.98	

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	

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

SCS	15 kHz (n2, n5, n7, n12, n14, n25, n26, n30, n66, n70, n71) 30 kHz (n41, n48, 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 2/4/5/12/25/26/41/66
LTE Anchor Bands for NR band n48	LTE Band 2/5/13/66
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 Smart Transmit algorithm maintains the time-averaged transmit power, in turn, time-averaged RF exposure of SAR_design_target or PD_design_target 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}.

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 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.

SAR Characterization

Please refer to 14523771-S4 for the full details regarding SAR Characterizations.

7. RF Exposure Conditions (Test Configurations)

Refer to Appendix A for the specific details of the antenna-to-antenna and antenna-to-edge(s) distances.

Antenna	Band	Back	Front	Edge Top	Edge Right	Edge Bottom	Edge Left
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/n53/n66/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/n53/n66/n70/n71 NFC Primary	Yes	Yes	Yes	Yes	No	Yes
ANT3	GSM 1900 WCDMA B2/4 LTE B2/4/5/7/12/13/14/17/25/26/30/41/66/71 5G(FR1) n2/n5/n7/n12/n14/n25/n26/n30/n41/n66/n70/n71 Wi-Fi 2.4GHz Bluetooth 2.4GHz 802.15.4	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/n48/n66/n70/n77 MSS (L-Band) Wi-Fi 2.4GHz Bluetooth 2.4GHz 802.15.4	Yes	Yes	Yes	Yes	No	No
ANT5	Wi-Fi 5GHz/6E 802.15.4ab-NB NB UNII	Yes	Yes	No	No	Yes	Yes
ANT6	Wi-Fi 5GHz/6E 802.15.4ab-NB NB UNII	Yes	Yes	Yes	No	No	Yes
ANT7	LTE B48 5G(FR1) n48/n77	Yes	Yes	No	Yes	Yes	No
ANT8	LTE B48 5G(FR1) n48/n77	Yes	Yes	Yes	No	No	Yes
ANT9	LTE B48 5G(FR1) n48/n77	Yes	Yes	No	No	Yes	Yes
NFC	NFC Secondary	Yes	Yes	No	Yes	No	Yes

Notes:

1. SAR is not required because the distance from the antenna to the edge is > 25 mm as per KDB 941225 D06 Hot Spot SAR.
2. The Body-worn minimum separation distance is 15 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 IEEE Std 1528-2013, to automatically compensate the measured SAR results for deviations between the measured and required tissue dielectric parameters, the tolerance for εr and σ may be relaxed to ± 10%. This is limited to frequencies ≤ 3 GHz.

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

Dielectric Property Measurements

SAR Lab	Date	Band (MHz)	Tissue Type	Frequency (MHz)	Relative Permittivity (εr)			Conductivity (σ)		
					Measured	Target	Delta	Measured	Target	Delta
A	6/25/2023	2450	Head	2450	37.50	39.2	-4.34%	1.79	1.80	-0.33%
				2400	37.54	39.3	-4.47%	1.76	1.75	0.53%
				2500	37.39	39.1	-4.46%	1.83	1.85	-1.51%
A	6/29/2023	2450	Head	2450	37.67	39.2	-3.90%	1.85	1.80	2.67%
				2400	37.79	39.3	-3.83%	1.80	1.75	2.93%
				2500	37.57	39.1	-4.00%	1.88	1.85	1.62%
A	7/2/2023	2450	Head	2450	37.36	39.2	-4.69%	1.78	1.80	-1.33%
				2400	37.41	39.3	-4.80%	1.74	1.75	-0.61%
				2500	37.22	39.1	-4.90%	1.81	1.85	-2.21%
A	7/6/2023	2450	Head	2450	37.49	39.2	-4.36%	1.80	1.80	-0.11%
				2400	37.53	39.3	-4.50%	1.77	1.75	0.88%
				2500	37.40	39.1	-4.44%	1.83	1.85	-1.30%
A	7/9/2023	2450	Head	2450	37.85	39.2	-3.44%	1.80	1.80	0.22%
				2400	37.90	39.3	-3.55%	1.77	1.75	0.76%
				2500	37.74	39.1	-3.57%	1.84	1.85	-0.76%
A	7/13/2023	2450	Head	2450	37.33	39.2	-4.77%	1.88	1.80	4.28%
				2400	37.35	39.3	-4.95%	1.83	1.75	4.59%
				2500	37.23	39.1	-4.87%	1.92	1.85	3.56%
A	7/16/2023	2450	Head	2450	37.59	39.2	-4.11%	1.81	1.80	0.78%
				2400	37.63	39.3	-4.24%	1.79	1.75	2.19%
				2500	37.42	39.1	-4.39%	1.86	1.85	0.54%
A	7/20/2023	2450	Head	2450	37.48	39.2	-4.39%	1.83	1.80	1.78%
				2400	37.51	39.3	-4.55%	1.80	1.75	2.47%
				2500	37.35	39.1	-4.57%	1.87	1.85	0.86%
A	7/23/2023	2450	Head	2450	40.42	39.2	3.11%	1.83	1.80	1.39%
				2400	40.49	39.3	3.04%	1.79	1.75	2.42%
				2500	40.30	39.1	2.97%	1.86	1.85	0.16%
A	7/27/2023	2450	Head	2450	37.97	39.2	-3.14%	1.82	1.80	0.89%
				2400	37.99	39.3	-3.33%	1.79	1.75	1.96%
				2500	37.85	39.1	-3.29%	1.85	1.85	-0.11%

SAR Lab	Date	Band (MHz)	Tissue Type	Frequency (MHz)	Relative Permittivity (εr)			Conductivity (σ)		
					Measured	Target	Delta	Measured	Target	Delta
B	6/25/2023	5250	Head	5250	35.28	35.9	-1.82%	4.66	4.70	-1.00%
				5150	35.26	36.0	-2.18%	4.49	4.60	-2.45%
				5350	35.11	35.8	-1.98%	4.79	4.80	-0.28%
B	7/2/2023	5250	Head	5250	36.22	35.9	0.80%	4.58	4.70	-2.53%
				5150	36.44	36.0	1.09%	4.40	4.60	-4.28%
				5350	36.11	35.8	0.81%	4.70	4.80	-2.26%
B	7/6/2023	5250	Head	5250	34.47	35.9	-4.07%	4.56	4.70	-3.11%
				5150	34.63	36.0	-3.93%	4.44	4.60	-3.45%
				5350	34.33	35.8	-4.16%	4.67	4.80	-2.80%
B	7/9/2023	5250	Head	5250	35.56	35.9	-1.04%	4.53	4.70	-3.66%
				5150	35.61	36.0	-1.21%	4.37	4.60	-4.95%
				5350	35.39	35.8	-1.20%	4.65	4.80	-3.26%
B	7/13/2023	5250	Head	5250	34.49	35.9	-4.02%	4.54	4.70	-3.53%
				5150	34.66	36.0	-3.85%	4.42	4.60	-3.89%
				5350	34.30	35.8	-4.24%	4.65	4.80	-3.24%
B	7/19/2023	5250	Head	5250	35.19	35.9	-2.07%	4.51	4.70	-4.13%
				5150	35.35	36.0	-1.93%	4.40	4.60	-4.37%
				5350	35.03	35.8	-2.20%	4.61	4.80	-4.03%
B	7/23/2023	5250	Head	5250	37.13	35.9	3.33%	4.85	4.70	3.21%
				5150	37.27	36.0	3.39%	4.64	4.60	0.83%
				5350	37.07	35.8	3.49%	5.01	4.80	4.34%
B	7/27/2023	5250	Head	5250	35.86	35.9	-0.20%	4.54	4.70	-3.49%
				5150	36.20	36.0	0.42%	4.40	4.60	-4.28%
				5350	35.83	35.8	0.03%	4.67	4.80	-2.88%

SAR Lab	Date	Band (MHz)	Tissue Type	Frequency (MHz)	Relative Permittivity (εr)			Conductivity (σ)		
					Measured	Target	Delta	Measured	Target	Delta
D	6/29/2023	2450	Head	2450	40.93	39.2	4.41%	1.87	1.80	3.83%
				2400	40.96	39.3	4.23%	1.83	1.75	4.59%
				2500	40.80	39.1	4.25%	1.91	1.85	2.91%
D	7/2/2023	2450	Head	2450	37.59	39.2	-4.11%	1.77	1.80	-1.94%
				2400	37.58	39.3	-4.37%	1.74	1.75	-0.44%
				2500	37.51	39.1	-4.16%	1.79	1.85	-3.62%
D	7/6/2023	2450	Head	2450	39.97	39.2	1.96%	1.75	1.80	-3.06%
				2400	40.02	39.3	1.84%	1.71	1.75	-2.61%
				2500	39.89	39.1	1.92%	1.78	1.85	-3.83%
D	7/9/2023	2450	Head	2450	38.92	39.2	-0.71%	1.74	1.80	-3.39%
				2400	39.00	39.3	-0.76%	1.70	1.75	-2.83%
				2500	38.86	39.1	-0.71%	1.77	1.85	-4.37%
D	7/13/2023	2450	Head	2450	37.69	39.2	-3.85%	1.72	1.80	-4.22%
				2400	37.70	39.3	-4.06%	1.68	1.75	-4.03%
				2500	37.61	39.1	-3.90%	1.76	1.85	-4.91%
D	7/16/2023	2450	Head	2450	38.51	39.2	-1.76%	1.74	1.80	-3.17%
				2400	38.54	39.3	-1.93%	1.71	1.75	-2.61%
				2500	38.36	39.1	-1.99%	1.78	1.85	-3.83%
D	7/19/2023	2450	Head	2450	40.06	39.2	2.19%	1.80	1.80	-0.17%
				2400	40.16	39.3	2.20%	1.76	1.75	0.19%
				2500	39.95	39.1	2.08%	1.84	1.85	-1.03%
D	7/23/2023	2450	Head	2450	40.13	39.2	2.37%	1.75	1.80	-2.89%
				2400	40.16	39.3	2.20%	1.73	1.75	-1.46%
				2500	40.01	39.1	2.23%	1.77	1.85	-4.37%
D	7/27/2023	2450	Head	2450	38.12	39.2	-2.76%	1.73	1.80	-3.83%
				2400	38.20	39.3	-2.79%	1.69	1.75	-3.46%
				2500	38.05	39.1	-2.78%	1.77	1.85	-4.75%

SAR Lab	Date	Band (MHz)	Tissue Type	Frequency (MHz)	Relative Permittivity (εr)			Conductivity (σ)		
					Measured	Target	Delta	Measured	Target	Delta
E	6/25/2023	5250	Head	5250	35.54	35.9	-1.09%	4.53	4.70	-3.64%
				5150	35.66	36.0	-1.07%	4.38	4.60	-4.84%
				5350	35.28	35.8	-1.50%	4.65	4.80	-3.21%
E	6/29/2023	5250	Head	5250	34.54	35.9	-3.88%	4.56	4.70	-3.09%
				5150	34.71	36.0	-3.71%	4.46	4.60	-3.13%
				5350	34.36	35.8	-4.07%	4.66	4.80	-3.09%
E	7/2/2023	5250	Head	5250	36.99	35.9	2.94%	4.68	4.70	-0.43%
				5150	37.36	36.0	3.64%	4.44	4.60	-3.58%
				5350	37.12	35.8	3.63%	4.80	4.80	-0.07%
E	7/6/2023	5250	Head	5250	35.50	35.9	-1.21%	4.66	4.70	-0.81%
				5150	35.71	36.0	-0.94%	4.55	4.60	-1.04%
				5350	35.64	35.8	-0.50%	4.78	4.80	-0.53%
E	7/6/2023	5750	Head	5750	34.60	35.4	-2.16%	5.23	5.21	0.31%
				5700	34.70	35.4	-2.03%	5.17	5.16	0.22%
				5850	34.45	35.3	-2.41%	5.35	5.32	0.47%
E	7/9/2023	5250	Head	5250	34.72	35.9	-3.38%	4.64	4.70	-1.26%
				5150	34.90	36.0	-3.18%	4.53	4.60	-1.52%
				5350	34.54	35.8	-3.57%	4.76	4.80	-1.03%
E	7/16/2023	5250	Head	5250	36.46	35.9	1.47%	4.74	4.70	0.76%
				5150	36.65	36.0	1.67%	4.62	4.60	0.35%
				5350	36.28	35.8	1.29%	4.86	4.80	1.09%
E	7/18/2023	5600	Head	5600	34.53	35.5	-2.83%	4.84	5.06	-4.43%
				5500	34.55	35.6	-3.08%	4.75	4.96	-4.13%
				5725	34.29	35.4	-3.11%	4.94	5.19	-4.84%
E	7/20/2023	5250	Head	5250	36.20	35.9	0.74%	4.71	4.70	0.25%
				5150	36.41	36.0	1.01%	4.60	4.60	-0.04%
				5350	36.01	35.8	0.53%	4.83	4.80	0.55%
E	7/22/2023	5600	Head	5600	35.12	35.5	-1.16%	5.02	5.06	-0.83%
				5500	35.31	35.6	-0.95%	4.92	4.96	-0.87%
				5725	34.88	35.4	-1.44%	5.16	5.19	-0.48%
E	7/22/2023	5250	Head	5250	35.80	35.9	-0.37%	4.66	4.70	-0.90%
				5150	36.00	36.0	-0.13%	4.55	4.60	-1.08%
				5350	35.60	35.8	-0.61%	4.75	4.80	-1.13%
E	7/27/2023	5250	Head	5250	35.55	35.9	-1.07%	4.51	4.70	-4.02%
				5150	35.80	36.0	-0.69%	4.39	4.60	-4.58%
				5350	35.39	35.8	-1.20%	4.65	4.80	-3.13%
E	7/27/2023	5600	Head	5600	35.31	35.5	-0.63%	4.90	5.06	-3.09%
				5500	35.30	35.6	-0.98%	4.81	4.96	-3.00%
				5725	34.96	35.4	-1.22%	5.01	5.19	-3.40%

SAR Lab	Date	Band (MHz)	Tissue Type	Frequency (MHz)	Relative Permittivity (εr)			Conductivity (σ)		
					Measured	Target	Delta	Measured	Target	Delta
F	6/21/2023	5600	Head	5600	34.29	35.5	-3.50%	4.87	5.06	-3.70%
				5500	34.25	35.6	-3.92%	4.80	4.96	-3.19%
				5725	33.96	35.4	-4.04%	4.94	5.19	-4.82%
F	6/25/2023	5600	Head	5600	35.57	35.5	0.10%	4.85	5.06	-4.17%
				5500	35.67	35.6	0.06%	4.77	4.96	-3.83%
				5725	35.36	35.4	-0.09%	4.94	5.19	-4.71%
F	6/29/2023	5600	Head	5600	35.20	35.5	-0.94%	5.16	5.06	1.87%
				5500	35.39	35.6	-0.72%	5.03	4.96	1.49%
				5725	34.95	35.4	-1.25%	5.31	5.19	2.37%
F	7/23/2023	6500	Head	6500	35.60	34.5	3.19%	6.07	6.07	0.00%
				5850	36.50	35.3	3.40%	5.34	5.32	0.38%
				7200	34.20	33.7	1.48%	6.99	6.89	1.45%
F	7/27/2023	2450	Head	2450	38.40	39.2	-2.04%	1.77	1.80	-1.67%
				2400	38.44	39.3	-2.18%	1.73	1.75	-1.06%
				2500	38.25	39.1	-2.27%	1.80	1.85	-2.75%
H	6/25/2023	5750	Head	5750	35.43	35.4	0.19%	5.23	5.21	0.22%
				5700	35.51	35.4	0.25%	5.16	5.16	0.03%
				5850	35.25	35.3	-0.14%	5.34	5.32	0.38%
H	7/3/2023	5600	Head	5600	35.78	35.5	0.69%	4.87	5.06	-3.74%
				5500	35.98	35.6	0.93%	4.78	4.96	-3.57%
				5725	35.62	35.4	0.65%	4.95	5.19	-4.51%
H	7/6/2023	5600	Head	5600	34.58	35.5	-2.68%	4.89	5.06	-3.38%
				5500	34.70	35.6	-2.66%	4.85	4.96	-2.16%
				5725	34.41	35.4	-2.77%	4.95	5.19	-4.59%
H	7/9/2023	5600	Head	5600	35.48	35.5	-0.15%	4.82	5.06	-4.75%
				5500	35.69	35.6	0.12%	4.74	4.96	-4.46%
				5725	35.16	35.4	-0.65%	4.97	5.19	-4.28%
H	7/16/2023	5750	Head	5750	35.11	35.4	-0.71%	5.34	5.21	2.38%
				5700	35.37	35.4	-0.14%	5.11	5.16	-1.02%
				5850	34.80	35.3	-1.42%	5.42	5.32	1.92%
H	7/20/2023	5750	Head	5750	34.00	35.4	-3.85%	5.01	5.21	-3.95%
				5700	34.09	35.4	-3.75%	4.94	5.16	-4.29%
				5850	33.85	35.3	-4.11%	5.12	5.32	-3.85%
H	7/23/2023	5750	Head	5750	35.98	35.4	1.75%	5.08	5.21	-2.64%
				5700	36.15	35.4	2.06%	5.03	5.16	-2.61%
				5850	35.78	35.3	1.36%	5.23	5.32	-1.75%
H	7/27/2023	5750	Head	5750	34.72	35.4	-1.82%	5.22	5.21	0.06%
				5700	34.81	35.4	-1.72%	5.16	5.16	-0.13%
				5850	34.54	35.3	-2.15%	5.33	5.32	0.19%
H	7/28/2023	5250	Head	5250	35.61	35.9	-0.90%	4.51	4.70	-4.11%
				5150	35.78	36.0	-0.74%	4.40	4.60	-4.26%
				5350	35.44	35.8	-1.06%	4.61	4.80	-4.01%
H	7/31/2023	5250	Head	5250	37.59	35.9	4.61%	4.53	4.70	-3.64%
				5150	37.60	36.0	4.31%	4.38	4.60	-4.87%
				5350	37.26	35.8	4.02%	4.68	4.80	-2.59%

SAR Lab	Date	Band (MHz)	Tissue Type	Frequency (MHz)	Relative Permittivity (εr)			Conductivity (σ)		
					Measured	Target	Delta	Measured	Target	Delta
I	6/30/2023	5750	Head	5750	35.66	35.4	0.84%	5.01	5.21	-4.00%
				5700	35.84	35.4	1.19%	4.96	5.16	-3.92%
				5850	35.39	35.3	0.25%	5.12	5.32	-3.72%
I	7/6/2023	5750	Head	5750	34.20	35.4	-3.29%	5.18	5.21	-0.61%
				5700	34.28	35.4	-3.22%	5.12	5.16	-0.77%
				5850	34.01	35.3	-3.65%	5.30	5.32	-0.47%
I	7/9/2023	5750	Head	5750	34.03	35.4	-3.77%	4.96	5.21	-4.83%
				5700	34.11	35.4	-3.70%	4.91	5.16	-4.81%
				5850	33.59	35.3	-4.84%	5.12	5.32	-3.76%
I	7/13/2023	5750	Head	5750	34.32	35.4	-2.95%	5.00	5.21	-4.02%
				5700	34.44	35.4	-2.77%	4.91	5.16	-4.81%
				5850	33.87	35.3	-4.05%	5.13	5.32	-3.67%
I	7/16/2023	5750	Head	5750	34.03	35.4	-3.77%	5.24	5.21	0.58%
				5700	34.28	35.4	-3.22%	5.14	5.16	-0.44%
				5850	33.85	35.3	-4.11%	5.34	5.32	0.32%
I	7/20/2023	5750	Head	5750	33.94	35.4	-4.02%	5.32	5.21	1.94%
				5700	34.03	35.4	-3.92%	5.26	5.16	1.87%
				5850	33.73	35.3	-4.45%	5.43	5.32	2.05%
I	7/23/2023	5750	Head	5750	35.33	35.4	-0.09%	5.19	5.21	-0.38%
				5700	35.47	35.4	0.14%	5.14	5.16	-0.42%
				5850	35.03	35.3	-0.76%	5.33	5.32	0.24%
I	7/27/2023	5750	Head	5750	33.76	35.4	-4.53%	5.21	5.21	-0.01%
				5700	33.84	35.4	-4.46%	5.15	5.16	-0.20%
				5850	33.57	35.3	-4.90%	5.32	5.32	0.08%
I	7/31/2023	2450	Head	2450	40.98	39.2	4.54%	1.80	1.80	0.00%
				2400	41.01	39.3	4.36%	1.77	1.75	0.88%
				2500	40.86	39.1	4.40%	1.84	1.85	-0.97%

SAR Lab	Date	Band (MHz)	Tissue Type	Frequency (MHz)	Relative Permittivity (εr)			Conductivity (σ)		
					Measured	Target	Delta	Measured	Target	Delta
1	6/22/2023	835	Head	835	42.99	41.5	3.59%	0.87	0.90	-3.44%
				805	43.11	41.7	3.43%	0.86	0.90	-4.45%
				850	42.92	41.5	3.42%	0.87	0.92	-4.43%
1	6/25/2023	835	Head	835	42.65	41.5	2.77%	0.87	0.90	-3.20%
				805	42.70	41.7	2.45%	0.86	0.90	-4.27%
				850	42.62	41.5	2.70%	0.88	0.92	-4.26%
1	6/29/2023	2600	Head	2600	40.09	39.0	2.77%	1.90	1.96	-3.37%
				2495	40.28	39.1	2.90%	1.81	1.85	-2.04%
				2690	39.95	38.9	2.71%	1.97	2.06	-4.49%
1	7/2/2023	835	Head	835	40.60	41.5	-2.17%	0.87	0.90	-3.67%
				805	40.68	41.7	-2.40%	0.85	0.90	-4.75%
				850	40.55	41.5	-2.29%	0.87	0.92	-4.68%
1	7/6/2023	835	Head	835	40.73	41.5	-1.86%	0.87	0.90	-3.56%
				805	40.81	41.7	-2.09%	0.86	0.90	-4.55%
				850	40.68	41.5	-1.98%	0.87	0.92	-4.61%
1	7/9/2023	835	Head	835	41.10	41.5	-0.96%	0.87	0.90	-3.48%
				805	41.13	40.4	1.88%	0.86	0.90	-4.70%
				850	41.06	40.3	1.89%	0.87	0.92	-4.43%
1	7/13/2023	835	Head	835	43.56	41.5	4.96%	0.90	0.90	0.08%
				805	43.57	41.7	4.54%	0.89	0.90	-1.07%
				850	43.53	41.5	4.89%	0.90	0.92	-1.80%
1	7/20/2023	2300	Head	2300	38.17	39.5	-3.30%	1.70	1.66	2.12%
				2350	38.08	39.4	-3.31%	1.74	1.71	1.72%
				2400	38.00	39.3	-3.30%	1.77	1.75	1.05%

SAR Lab	Date	Band (MHz)	Tissue Type	Frequency (MHz)	Relative Permittivity (εr)			Conductivity (σ)		
					Measured	Target	Delta	Measured	Target	Delta
2	6/22/2023	1750	Head	1750	38.50	40.1	-3.95%	1.33	1.37	-3.21%
				1695	38.60	40.2	-3.91%	1.29	1.34	-3.36%
				1755	38.49	40.1	-3.96%	1.33	1.37	-3.19%
2	6/25/2023	1750	Head	1750	41.33	40.1	3.11%	1.31	1.37	-4.38%
				1695	41.22	40.2	2.62%	1.27	1.34	-4.93%
				1755	41.33	40.1	3.13%	1.31	1.37	-4.36%
2	6/25/2023	1640	Head	1640	41.30	40.3	2.59%	1.25	1.31	-4.36%
				1625	41.31	40.3	2.56%	1.25	1.30	-3.73%
				1665	41.25	40.2	2.58%	1.26	1.32	-4.62%
2	6/29/2023	1750	Head	1750	40.72	40.1	1.59%	1.31	1.37	-4.67%
				1695	40.80	40.2	1.57%	1.28	1.34	-4.70%
				1755	40.72	40.1	1.60%	1.31	1.37	-4.65%
2	7/2/2023	1750	Head	1750	40.03	40.1	-0.14%	1.31	1.37	-4.02%
				1695	40.11	40.2	-0.15%	1.28	1.34	-4.11%
				1755	40.02	40.1	-0.14%	1.32	1.37	-3.99%
2	7/6/2023	1640	Head	1640	40.02	40.3	-0.58%	1.25	1.31	-4.59%
				1625	40.07	40.3	-0.51%	1.24	1.30	-4.66%
				1665	39.95	40.2	-0.66%	1.26	1.32	-4.47%
2	7/6/2023	1750	Head	1750	39.80	40.1	-0.71%	1.30	1.37	-4.82%
				1695	39.88	40.2	-0.72%	1.28	1.34	-4.63%
				1755	39.80	40.1	-0.69%	1.31	1.37	-4.80%
2	7/9/2023	1640	Head	1640	39.68	40.3	-1.43%	1.28	1.31	-2.29%
				1625	39.72	40.3	-1.38%	1.27	1.30	-2.19%
				1665	39.63	40.2	-1.46%	1.29	1.32	-2.58%
2	7/9/2023	1750	Head	1750	39.63	40.1	-1.13%	1.33	1.37	-3.07%
				1695	39.61	40.2	-1.39%	1.30	1.34	-3.06%
				1755	39.63	40.1	-1.12%	1.33	1.37	-3.05%
2	7/13/2023	1750	Head	1750	41.37	40.1	3.21%	1.31	1.37	-4.38%
				1695	41.40	40.2	3.06%	1.28	1.34	-4.48%
				1755	41.37	40.1	3.23%	1.31	1.37	-4.36%
2	7/16/2023	1640	Head	1640	41.54	40.3	3.20%	1.25	1.31	-4.28%
				1625	41.57	40.3	3.21%	1.24	1.30	-4.19%
				1665	41.51	40.2	3.22%	1.26	1.32	-4.54%
2	7/20/2023	1750	Head	1750	41.35	40.1	3.16%	1.31	1.37	-4.45%
				1695	41.42	40.2	3.11%	1.28	1.34	-4.33%
				1755	41.35	40.1	3.18%	1.31	1.37	-4.50%
2	7/22/2023	3700	Head	3700	38.55	37.7	2.25%	2.99	3.12	-4.08%
				3600	38.73	37.8	2.42%	2.90	3.01	-3.91%
				3800	38.37	37.6	2.08%	3.09	3.22	-4.09%

SAR Lab	Date	Band (MHz)	Tissue Type	Frequency (MHz)	Relative Permittivity (εr)			Conductivity (σ)		
					Measured	Target	Delta	Measured	Target	Delta
2	7/22/2023	3500	Head	3500	38.91	37.9	2.58%	2.81	2.91	-3.66%
				3400	39.10	38.0	2.78%	2.72	2.81	-3.36%
				3600	38.73	37.8	2.42%	2.90	3.01	-3.78%
2	7/26/2023	3500	Head	3500	36.46	37.9	-3.87%	2.83	2.91	-2.77%
				3400	36.68	38.0	-3.58%	2.73	2.81	-2.71%
				3600	36.25	37.8	-4.14%	2.93	3.01	-2.82%
2	7/26/2023	3700	Head	3700	36.04	37.7	-4.41%	3.03	3.12	-2.80%
				3600	36.25	37.8	-4.14%	2.93	3.01	-2.78%
				3800	35.84	37.6	-4.65%	3.13	3.22	-2.63%
2	7/27/2023	1640	Head	1640	40.95	40.3	1.73%	1.25	1.31	-4.59%
				1625	40.97	40.3	1.72%	1.24	1.30	-4.50%
				1665	40.94	40.2	1.80%	1.26	1.32	-4.77%
4	6/22/2023	1750	Head	1750	39.82	40.1	-0.66%	1.36	1.37	-0.36%
				1695	39.92	40.2	-0.62%	1.33	1.34	-0.52%
				1755	39.81	40.1	-0.67%	1.37	1.37	-0.35%
4	6/25/2023	1750	Head	1750	40.34	40.1	0.64%	1.31	1.37	-4.16%
				1695	40.33	40.2	0.40%	1.27	1.34	-4.78%
				1755	40.34	40.1	0.66%	1.32	1.37	-4.07%
4	6/29/2023	1750	Head	1750	41.64	40.1	3.88%	1.34	1.37	-2.48%
				1695	41.74	40.2	3.91%	1.30	1.34	-2.69%
				1755	41.63	40.1	3.88%	1.34	1.37	-2.46%
4	7/2/2023	1750	Head	1750	40.30	40.1	0.54%	1.34	1.37	-1.90%
				1695	40.39	40.2	0.55%	1.31	1.34	-2.09%
				1755	40.29	40.1	0.53%	1.35	1.37	-1.88%
4	7/6/2023	1750	Head	1750	40.06	40.1	-0.06%	1.34	1.37	-1.97%
				1695	40.17	40.2	0.00%	1.32	1.34	-1.72%
				1755	40.06	40.1	-0.04%	1.35	1.37	-1.95%
4	7/9/2023	1750	Head	1750	40.50	40.1	1.04%	1.34	1.37	-1.90%
				1695	40.59	40.2	1.05%	1.32	1.34	-1.72%
				1755	40.50	40.1	1.06%	1.35	1.37	-1.81%
4	7/16/2023	1750	Head	1750	41.63	40.1	3.86%	1.34	1.37	-2.12%
				1695	41.69	40.2	3.79%	1.30	1.34	-2.99%
				1755	41.66	40.1	3.95%	1.34	1.37	-2.10%
4	7/20/2023	1750	Head	1750	38.15	40.1	-4.83%	1.32	1.37	-3.50%
				1695	38.30	40.2	-4.65%	1.32	1.34	-1.27%
				1755	38.16	40.1	-4.78%	1.33	1.37	-3.41%

SAR Lab	Date	Band (MHz)	Tissue Type	Frequency (MHz)	Relative Permittivity (εr)			Conductivity (σ)		
					Measured	Target	Delta	Measured	Target	Delta
5	6/22/2023	1900	Head	1900	39.75	40.0	-0.63%	1.40	1.40	0.14%
				1850	39.85	40.0	-0.37%	1.37	1.40	-2.21%
				1920	39.73	40.0	-0.68%	1.42	1.40	1.07%
5	6/25/2023	1900	Head	1900	40.89	40.0	2.23%	1.40	1.40	-0.36%
				1850	40.98	40.0	2.45%	1.36	1.40	-2.64%
				1920	40.88	40.0	2.20%	1.41	1.40	0.50%
5	6/29/2023	1900	Head	1900	40.75	40.0	1.88%	1.37	1.40	-1.93%
				1850	40.85	40.0	2.13%	1.34	1.40	-4.29%
				1920	40.70	40.0	1.75%	1.39	1.40	-0.86%
5	7/2/2023	1900	Head	1900	38.22	40.0	-4.45%	1.44	1.40	2.50%
				1850	38.33	40.0	-4.18%	1.40	1.40	0.29%
				1920	38.18	40.0	-4.55%	1.45	1.40	3.43%
5	7/6/2023	1900	Head	1900	39.97	40.0	-0.08%	1.44	1.40	2.86%
				1850	40.04	40.0	0.10%	1.42	1.40	1.21%
				1920	39.92	40.0	-0.20%	1.45	1.40	3.71%
5	7/9/2023	1900	Head	1900	39.58	40.0	-1.05%	1.43	1.40	1.79%
				1850	39.70	40.0	-0.75%	1.40	1.40	-0.29%
				1920	39.53	40.0	-1.18%	1.44	1.40	2.57%
5	7/13/2023	1900	Head	1900	39.04	40.0	-2.40%	1.40	1.40	-0.36%
				1850	39.14	40.0	-2.15%	1.37	1.40	-2.29%
				1920	39.03	40.0	-2.43%	1.41	1.40	0.64%
5	7/16/2023	1900	Head	1900	38.69	40.0	-3.28%	1.37	1.40	-2.07%
				1850	38.79	40.0	-3.03%	1.35	1.40	-3.57%
				1920	38.64	40.0	-3.40%	1.38	1.40	-1.21%
5	7/20/2023	1900	Head	1900	41.75	40.0	4.38%	1.42	1.40	1.21%
				1850	41.84	40.0	4.60%	1.38	1.40	-1.21%
				1920	41.76	40.0	4.40%	1.43	1.40	2.14%
5	7/23/2023	1900	Head	1900	40.32	40.0	0.80%	1.42	1.40	1.71%
				1850	40.43	40.0	1.08%	1.39	1.40	-0.43%
				1920	40.29	40.0	0.72%	1.44	1.40	2.64%
5	7/26/2023	1900	Head	1900	38.49	40.0	-3.78%	1.38	1.40	-1.64%
				1850	38.58	40.0	-3.55%	1.35	1.40	-3.57%
				1920	38.46	40.0	-3.85%	1.39	1.40	-0.86%

SAR Lab	Date	Band (MHz)	Tissue Type	Frequency (MHz)	Relative Permittivity (εr)			Conductivity (σ)		
					Measured	Target	Delta	Measured	Target	Delta
7	6/22/2023	835	Head	835	40.74	41.5	-1.83%	0.88	0.90	-2.07%
				805	40.79	41.7	-2.13%	0.87	0.90	-2.89%
				850	40.73	41.5	-1.86%	0.89	0.92	-3.19%
7	6/25/2023	835	Head	835	43.31	41.5	4.36%	0.87	0.90	-2.94%
				805	43.39	41.7	4.10%	0.86	0.90	-3.99%
				850	43.27	41.5	4.27%	0.88	0.92	-3.99%
7	6/26/2023	2300	Head	2300	37.79	39.5	-4.26%	1.60	1.66	-3.65%
				2350	37.70	39.4	-4.28%	1.65	1.71	-3.38%
				2400	37.59	39.3	-4.34%	1.68	1.75	-4.15%
7	7/2/2023	835	Head	835	42.05	41.5	1.33%	0.90	0.90	-0.22%
				805	42.12	41.7	1.06%	0.89	0.90	-1.08%
				850	42.02	41.5	1.25%	0.90	0.92	-1.42%
7	7/6/2023	835	Head	835	41.41	41.5	-0.22%	0.87	0.90	-2.96%
				805	41.49	41.7	-0.45%	0.86	0.90	-4.08%
				850	41.37	41.5	-0.31%	0.88	0.92	-3.98%
7	7/9/2023	835	Head	835	39.95	41.5	-3.73%	0.87	0.90	-3.39%
				805	39.93	41.7	-4.20%	0.86	0.90	-4.60%
				850	39.94	41.5	-3.76%	0.88	0.92	-4.22%
8	6/25/2023	1900	Head	1900	38.13	40.0	-4.67%	1.41	1.40	0.86%
				1850	38.22	40.0	-4.45%	1.39	1.40	-1.07%
				1920	38.10	40.0	-4.75%	1.43	1.40	1.86%
8	6/29/2023	1900	Head	1900	38.04	40.0	-4.90%	1.43	1.40	1.86%
				1850	38.20	40.0	-4.50%	1.39	1.40	-0.71%
				1920	38.04	40.0	-4.90%	1.44	1.40	2.93%
8	7/2/2023	1900	Head	1900	40.24	40.0	0.60%	1.43	1.40	2.07%
				1850	40.35	40.0	0.88%	1.40	1.40	0.21%
				1920	40.22	40.0	0.55%	1.44	1.40	2.93%
8	7/6/2023	1900	Head	1900	38.11	40.0	-4.73%	1.40	1.40	0.21%
				1850	38.19	40.0	-4.53%	1.38	1.40	-1.57%
				1920	38.07	40.0	-4.83%	1.42	1.40	1.14%
8	7/9/2023	1900	Head	1900	38.12	40.0	-4.70%	1.43	1.40	2.07%
				1850	38.26	40.0	-4.35%	1.40	1.40	-0.07%
				1920	38.07	40.0	-4.83%	1.44	1.40	2.93%
8	7/16/2023	1900	Head	1900	39.92	40.0	-0.20%	1.44	1.40	3.07%
				1850	40.01	40.0	0.02%	1.42	1.40	1.43%
				1920	39.89	40.0	-0.27%	1.46	1.40	3.93%
8	7/20/2023	2450	Head	2450	37.74	39.2	-3.72%	1.87	1.95	-3.95%
				2400	37.83	39.3	-3.73%	1.83	1.90	-3.79%
				2500	37.64	39.1	-3.82%	1.91	1.85	3.23%
8	7/20/2023	1900	Head	1900	38.01	40.0	-4.98%	1.45	1.40	3.64%
				1850	38.07	40.0	-4.83%	1.41	1.40	1.00%
				1920	38.01	40.0	-4.98%	1.46	1.40	4.57%

SAR Lab	Date	Band (MHz)	Tissue Type	Frequency (MHz)	Relative Permittivity (εr)			Conductivity (σ)		
					Measured	Target	Delta	Measured	Target	Delta
9	6/21/2023	750	Head	750	43.45	42.0	3.55%	0.88	0.89	-1.88%
				660	43.75	42.4	3.13%	0.84	0.89	-4.98%
				800	43.45	41.7	4.18%	0.88	0.90	-2.30%
9	6/25/2023	750	Head	750	42.88	42.0	2.19%	0.88	0.89	-1.93%
				660	43.14	42.4	1.69%	0.85	0.89	-4.25%
				800	42.76	41.7	2.53%	0.89	0.90	-0.42%
9	6/29/2023	750	Head	750	41.75	42.0	-0.50%	0.87	0.89	-2.15%
				660	42.03	42.4	-0.93%	0.84	0.89	-4.82%
				800	41.59	41.7	-0.28%	0.89	0.90	-0.84%
9	7/2/2023	750	Head	750	42.01	42.0	0.12%	0.88	0.89	-1.65%
				660	42.23	42.4	-0.46%	0.85	0.89	-4.14%
				800	41.82	41.7	0.28%	0.89	0.90	-0.34%
9	7/2/2023	2600	Head	2600	40.78	39.0	4.54%	1.89	1.96	-3.88%
				2495	40.89	39.1	4.46%	1.79	1.85	-3.01%
				2690	40.61	38.9	4.40%	1.96	2.06	-4.78%
9	7/6/2023	750	Head	750	42.21	42.0	0.59%	0.88	0.89	-1.33%
				660	42.40	42.4	-0.05%	0.86	0.89	-3.09%
				800	42.22	41.7	1.23%	0.90	0.90	-0.18%
9	7/9/2023	750	Head	750	41.68	42.0	-0.67%	0.87	0.89	-2.49%
				660	41.80	42.4	-1.47%	0.85	0.89	-4.50%
				800	41.61	41.7	-0.23%	0.89	0.90	-1.23%
9	7/20/2023	2600	Head	2600	39.65	39.0	1.64%	1.91	1.96	-2.81%
				2495	39.87	39.1	1.86%	1.82	1.85	-1.77%
				2690	39.48	38.9	1.50%	1.98	2.06	-4.10%
9	7/20/2023	750	Head	750	41.29	42.0	-1.60%	0.88	0.89	-1.74%
				660	41.64	42.4	-1.85%	0.85	0.89	-4.26%
				800	41.14	41.7	-1.36%	0.89	0.90	-0.73%

SAR Lab	Date	Band (MHz)	Tissue Type	Frequency (MHz)	Relative Permittivity (εr)			Conductivity (σ)		
					Measured	Target	Delta	Measured	Target	Delta
10	6/21/2023	750	Head	750	41.73	42.0	-0.55%	0.90	0.89	0.64%
				660	42.01	42.4	-0.97%	0.87	0.89	-2.29%
				800	41.54	41.7	-0.40%	0.92	0.90	2.06%
10	6/21/2023	2600	Head	2600	38.24	39.0	-1.98%	1.94	1.96	-0.98%
				2495	38.44	39.1	-1.80%	1.86	1.85	0.45%
				2690	38.08	38.9	-2.10%	2.01	2.06	-2.45%
10	6/25/2023	750	Head	750	43.56	42.0	3.81%	0.88	0.89	-2.00%
				660	43.86	42.4	3.39%	0.84	0.89	-4.82%
				800	43.43	41.7	4.14%	0.89	0.90	-0.70%
10	6/29/2023	750	Head	750	40.88	42.0	-2.58%	0.87	0.89	-2.07%
				660	41.20	42.4	-2.88%	0.84	0.89	-4.72%
				800	40.79	41.7	-2.19%	0.89	0.90	-0.29%
10	7/2/2023	750	Head	750	41.58	42.0	-0.91%	0.91	0.89	2.26%
				660	41.81	42.4	-1.45%	0.88	0.89	-0.30%
				800	41.37	41.7	-0.80%	0.93	0.90	3.68%
10	7/6/2023	750	Head	750	40.60	42.0	-3.24%	0.90	0.89	0.46%
				660	40.78	42.4	-3.87%	0.87	0.89	-1.41%
				800	40.61	41.7	-2.63%	0.91	0.90	1.75%
10	7/19/2023	750	Head	750	41.38	42.0	-1.39%	0.88	0.89	-1.73%
				660	41.60	42.4	-1.94%	0.85	0.89	-3.99%
				800	41.33	41.7	-0.90%	0.91	0.90	1.96%
10	7/23/2023	2600	Head	2600	38.08	39.0	-2.39%	1.99	1.96	1.37%
				2495	38.26	39.1	-2.26%	1.90	1.85	2.67%
				2690	37.92	38.9	-2.51%	2.07	2.06	0.27%
12	7/5/2023	2600	Head	2600	40.13	39.0	2.87%	1.90	1.96	-3.42%
				2495	40.32	39.1	3.01%	1.81	1.85	-1.98%
				2690	39.98	38.9	2.78%	1.97	2.06	-4.54%
12	7/9/2023	2600	Head	2600	39.99	39.0	2.51%	1.94	1.96	-1.33%
				2495	40.18	39.1	2.65%	1.85	1.85	-0.09%
				2690	39.82	38.9	2.37%	2.01	2.06	-2.21%
12	7/12/2023	2600	Head	2600	40.20	39.0	3.05%	1.97	1.96	0.35%
				2495	40.39	39.1	3.19%	1.88	1.85	1.53%
				2690	40.01	38.9	2.86%	2.05	2.06	-0.65%
12	7/16/2023	2600	Head	2600	37.81	39.0	-3.08%	1.92	1.96	-2.05%
				2495	38.01	39.1	-2.90%	1.84	1.85	-0.47%
				2690	37.63	38.9	-3.26%	1.99	2.06	-3.23%
12	7/19/2023	2600	Head	2600	40.24	39.0	3.15%	1.91	1.96	-2.71%
				2495	40.47	39.1	3.39%	1.82	1.85	-1.50%
				2690	40.04	38.9	2.94%	1.98	2.06	-4.10%
12	7/23/2023	2600	Head	2600	38.28	39.0	-1.87%	1.97	1.96	0.60%
				2495	38.52	39.1	-1.59%	1.89	1.85	2.35%
				2690	38.10	38.9	-2.05%	2.04	2.06	-0.94%
12	7/27/2023	2600	Head	2600	37.88	39.0	-2.90%	1.89	1.96	-3.93%
				2495	38.02	39.1	-2.87%	1.80	1.85	-2.69%
				2690	37.72	38.9	-3.03%	1.96	2.06	-4.78%

SAR Lab	Date	Band (MHz)	Tissue Type	Frequency (MHz)	Relative Permittivity (εr)			Conductivity (σ)		
					Measured	Target	Delta	Measured	Target	Delta
13	7/2/2023	3700	Head	3700	37.98	37.7	0.74%	2.97	3.12	-4.85%
				3600	38.18	37.8	0.96%	2.87	3.01	-4.77%
				3800	37.79	37.6	0.54%	3.06	3.22	-4.83%
13	7/5/2023	3500	Head	3150	39.78	38.3	3.79%	2.48	2.55	-2.83%
				3500	39.12	37.9	3.13%	2.80	2.91	-3.86%
				3850	38.55	37.5	2.72%	3.14	3.27	-4.05%
13	7/9/2023	3500	Head	3500	36.34	37.9	-4.19%	2.83	2.91	-2.70%
				3400	36.55	38.0	-3.93%	2.74	2.81	-2.57%
				3600	36.14	37.8	-4.43%	2.93	3.01	-2.85%
13	7/9/2023	3700	Head	3700	37.59	37.7	-0.30%	3.13	3.12	0.35%
				3600	37.80	37.8	-0.04%	3.02	3.01	0.30%
				3800	37.37	37.6	-0.58%	3.24	3.22	0.57%
13	7/16/2023	3500	Head	3500	38.21	37.9	0.74%	2.79	2.91	-4.04%
				3400	38.37	38.0	0.86%	2.69	2.81	-4.10%
				3600	38.04	37.8	0.59%	2.90	3.01	-3.91%
13	7/16/2023	3700	Head	3700	37.85	37.7	0.39%	3.00	3.12	-3.63%
				3600	38.04	37.8	0.59%	2.90	3.01	-3.91%
				3800	37.64	37.6	0.14%	3.11	3.22	-3.31%
13	7/20/2023	3500	Head	3500	39.18	37.9	3.30%	2.90	2.91	-0.29%
				3400	39.38	38.0	3.51%	2.80	2.81	-0.26%
				3600	38.99	37.8	3.11%	3.01	3.01	-0.23%
13	7/20/2023	3700	Head	3700	38.79	37.7	2.89%	3.11	3.12	-0.10%
				3600	38.99	37.8	3.11%	3.01	3.01	-0.13%
				3800	38.60	37.6	2.69%	3.23	3.22	0.23%
13	7/23/2023	3500	Head	3500	36.71	37.9	-3.22%	2.88	2.91	-0.95%
				3400	36.93	38.0	-2.93%	2.79	2.81	-0.61%
				3600	36.49	37.8	-3.51%	2.98	3.01	-1.26%
13	7/23/2023	3700	Head	3700	36.27	37.7	-3.80%	3.07	3.12	-1.55%
				3600	36.49	37.8	-3.51%	2.98	3.01	-1.26%
				3800	36.06	37.6	-4.06%	3.17	3.22	-1.63%
13	7/26/2023	3500	Head	3500	39.57	37.9	4.32%	2.89	2.91	-0.74%
				3400	39.77	38.0	4.54%	2.79	2.81	-0.69%
				3600	39.38	37.8	4.14%	2.99	3.01	-0.79%
13	7/26/2023	3700	Head	3700	38.21	37.7	1.35%	3.12	3.12	0.12%
				3600	38.43	37.8	1.62%	3.02	3.01	0.20%
				3800	38.00	37.6	1.10%	3.22	3.22	0.05%
13	7/31/223	3500	Head	3500	39.38	37.9	3.82%	2.78	2.91	-4.42%
				3400	39.56	38.0	3.99%	2.69	2.81	-4.28%
				3600	39.20	37.8	3.66%	2.88	3.01	-4.38%

SAR Lab	Date	Band (MHz)	Tissue Type	Frequency (MHz)	Relative Permittivity (εr)			Conductivity (σ)		
					Measured	Target	Delta	Measured	Target	Delta
15	6/28/2023	2600	Head	2600	39.27	39.0	0.66%	1.96	1.96	-0.11%
				2495	39.42	39.1	0.71%	1.87	1.85	1.37%
				2690	39.14	38.9	0.62%	2.04	2.06	-1.09%
15	7/2/2023	2600	Head	2600	37.61	39.0	-3.59%	1.96	1.96	0.09%
				2495	37.78	39.1	-3.48%	1.88	1.87	0.43%
				2690	37.45	38.9	-3.72%	2.04	2.06	-0.85%
15	7/5/2023	2600	Head	2600	37.31	39.0	-4.36%	1.92	1.96	-1.94%
				2495	37.46	39.1	-4.30%	1.84	1.85	-0.52%
				2690	37.16	38.9	-4.47%	2.00	2.06	-3.03%
15	7/9/2023	2600	Head	2600	37.89	39.0	-2.87%	1.97	1.96	0.40%
				2495	38.08	39.1	-2.72%	1.88	1.85	1.91%
				2690	37.71	38.9	-3.05%	2.05	2.06	-0.65%
15	7/12/2023	2600	Head	2600	38.50	39.0	-1.31%	1.93	1.96	-1.49%
				2495	38.68	39.1	-1.18%	1.85	1.85	-0.14%
				2690	38.32	38.9	-1.48%	2.01	2.06	-2.50%
15	7/16/2023	2600	Head	2600	38.59	39.0	-1.08%	2.00	1.96	1.93%
				2495	38.79	39.1	-0.90%	1.92	1.85	3.64%
				2690	38.40	38.9	-1.28%	2.07	2.06	0.71%
15	7/19/2023	2600	Head	2600	38.91	39.0	-0.26%	1.93	1.96	-1.54%
				2495	39.15	39.1	0.02%	1.85	1.85	0.02%
				2690	38.75	38.9	-0.38%	2.00	2.06	-2.94%
15	7/23/2023	2600	Head	2600	39.40	39.0	1.00%	1.90	1.96	-3.37%
				2495	39.59	39.1	1.14%	1.81	1.85	-2.04%
				2690	39.23	38.9	0.86%	1.96	2.06	-4.78%
15	7/28/2023	2600	Head	2600	37.62	39.0	-3.57%	1.91	1.96	-2.66%
				2495	37.75	39.1	-3.56%	1.82	1.85	-1.44%
				2690	37.46	38.9	-3.70%	1.99	2.06	-3.47%

SAR Lab	Date	Band (MHz)	Tissue Type	Frequency (MHz)	Relative Permittivity (εr)			Conductivity (σ)		
					Measured	Target	Delta	Measured	Target	Delta
16	6/30/2023	2300	Head	2300	38.41	39.5	-2.69%	1.60	1.66	-3.59%
				2350	38.33	39.4	-2.68%	1.64	1.71	-4.08%
				2400	38.28	39.3	-2.59%	1.67	1.75	-4.78%
16	7/2/2023	2300	Head	2300	40.71	39.5	3.14%	1.65	1.66	-1.01%
				2350	40.63	39.4	3.16%	1.68	1.71	-1.39%
				2400	40.55	39.3	3.19%	1.72	1.75	-1.98%
16	7/5/2023	2300	Head	2300	39.93	39.5	1.16%	1.62	1.66	-2.75%
				2350	39.87	39.4	1.23%	1.66	1.71	-2.97%
				2400	39.77	39.3	1.20%	1.69	1.75	-3.58%
16	7/9/2023	2300	Head	2300	38.86	39.5	-1.55%	1.62	1.66	-2.75%
				2350	38.77	39.4	-1.56%	1.65	1.71	-3.26%
				2400	38.70	39.3	-1.52%	1.69	1.75	-3.63%
16	7/12/2023	2300	Head	2300	41.10	39.5	4.12%	1.70	1.66	2.18%
				2350	41.00	39.4	4.10%	1.74	1.71	1.89%
				2400	40.91	39.3	4.11%	1.78	1.75	1.62%
16	7/16/2023	2300	Head	2300	38.63	39.5	-2.13%	1.68	1.66	0.80%
				2350	38.54	39.4	-2.14%	1.72	1.71	0.55%
				2400	38.42	39.3	-2.23%	1.75	1.75	0.13%
16	7/19/2023	2300	Head	2300	40.19	39.5	1.82%	1.63	1.66	-2.03%
				2350	40.12	39.4	1.87%	1.66	1.71	-2.79%
				2400	40.11	39.3	2.07%	1.70	1.75	-2.95%
16	7/21/2023	2600	Head	2600	39.42	39.0	1.05%	1.89	1.96	-3.68%
				2495	39.62	39.1	1.22%	1.81	1.85	-2.09%
				2690	39.24	38.9	0.88%	1.96	2.06	-4.83%
16	7/23/2023	2300	Head	2300	39.99	39.5	1.31%	1.60	1.66	-3.89%
				2350	39.92	39.4	1.36%	1.64	1.71	-4.26%
				2400	39.84	39.3	1.38%	1.67	1.75	-4.78%

SAR Lab	Date	Band (MHz)	Tissue Type	Frequency (MHz)	Relative Permittivity (εr)			Conductivity (σ)		
					Measured	Target	Delta	Measured	Target	Delta
17	6/28/2023	3700	Head	3700	38.69	37.7	2.62%	2.97	3.12	-4.63%
				3600	38.88	37.8	2.81%	2.88	3.01	-4.44%
				3800	38.51	37.6	2.45%	3.07	3.22	-4.62%
17	7/2/2023	3500	Head	3500	37.02	37.9	-2.40%	2.89	2.91	-0.78%
				3400	37.22	38.0	-2.17%	2.79	2.81	-0.72%
				3600	36.81	37.8	-2.66%	2.99	3.01	-0.83%
17	7/2/2023	3700	Head	3700	36.61	37.7	-2.89%	3.09	3.12	-0.78%
				3600	36.81	37.8	-2.66%	2.99	3.01	-0.83%
				3800	36.40	37.6	-3.16%	3.20	3.22	-0.54%
17	7/5/2023	3500	Head	3500	37.21	37.9	-1.89%	2.83	2.91	-2.70%
				3400	37.39	38.0	-1.73%	2.74	2.81	-2.39%
				3600	37.03	37.8	-2.09%	2.93	3.01	-2.92%
17	7/9/2023	3500	Head	3500	39.16	37.9	3.24%	2.98	2.91	2.49%
				3400	39.38	38.0	3.51%	2.88	2.81	2.59%
				3600	38.95	37.8	3.00%	3.09	3.01	2.43%
17	7/9/2023	3700	Head	3700	38.74	37.7	2.75%	3.19	3.12	2.50%
				3600	38.95	37.8	3.00%	3.09	3.01	2.43%
				3800	38.52	37.6	2.48%	3.31	3.22	2.72%
17	7/16/2023	3500	Head	3500	37.10	37.9	-2.19%	2.81	2.91	-3.42%
				3400	37.27	38.0	-2.03%	2.72	2.81	-3.36%
				3600	36.93	37.8	-2.34%	2.91	3.01	-3.38%
17	7/16/2023	3700	Head	3700	36.74	37.7	-2.55%	3.02	3.12	-3.25%
				3600	36.93	37.8	-2.34%	2.91	3.01	-3.38%
				3800	36.52	37.6	-2.84%	3.12	3.22	-3.03%
17	7/19/2023	3500	Head	3500	39.38	37.9	3.82%	2.77	2.91	-4.73%
				3400	39.55	38.0	3.96%	2.69	2.81	-4.39%
				3600	39.23	37.8	3.74%	2.87	3.01	-4.94%
17	7/19/2023	3700	Head	3700	39.37	37.7	4.43%	3.02	3.12	-3.09%
				3600	39.54	37.8	4.56%	2.93	3.01	-2.82%
				3800	39.19	37.6	4.26%	3.13	3.22	-2.78%
17	7/23/2023	3700	Head	3700	36.21	37.7	-3.96%	3.10	3.12	-0.55%
				3600	36.42	37.8	-3.69%	2.99	3.01	-0.76%
				3800	36.00	37.6	-4.22%	3.21	3.22	-0.42%
17	7/23/2023	3500	Head	3500	36.64	37.9	-3.40%	2.89	2.91	-0.84%
				3400	36.86	38.0	-3.11%	2.79	2.81	-0.72%
				3600	36.42	37.8	-3.69%	2.99	3.01	-0.76%

SAR Lab	Date	Band (MHz)	Tissue Type	Frequency (MHz)	Relative Permittivity (εr)			Conductivity (σ)		
					Measured	Target	Delta	Measured	Target	Delta
18	7/5/2023	3900	Head	3900	37.33	37.5	-0.38%	3.23	3.32	-2.80%
				3800	37.50	37.6	-0.23%	3.12	3.22	-2.97%
				4000	37.17	37.4	-0.51%	3.33	3.42	-2.72%
18	7/5/2023	3500	Head	3500	38.02	37.9	0.23%	2.84	2.91	-2.56%
				3400	38.20	38.0	0.41%	2.75	2.81	-2.22%
				3600	37.85	37.8	0.09%	2.93	3.01	-2.78%
18	7/9/2023	3900	Head	3900	38.08	37.5	1.62%	3.39	3.32	2.05%
				3800	38.30	37.6	1.90%	3.28	3.22	1.75%
				4000	37.88	37.4	1.39%	3.50	3.42	2.27%
18	7/9/2023	3500	Head	3500	38.91	37.9	2.58%	2.96	2.91	1.63%
				3400	39.13	38.0	2.86%	2.86	2.81	1.73%
				3600	38.71	37.8	2.37%	3.06	3.01	1.53%
18	7/12/2023	3900	Head	3900	37.89	37.5	1.11%	3.17	3.32	-4.63%
				3800	38.05	37.6	1.23%	3.07	3.22	-4.65%
				4000	37.72	37.4	0.97%	3.27	3.42	-4.53%
18	7/16/2023	3900	Head	3900	36.25	37.5	-3.26%	3.23	3.32	-2.68%
				3800	36.47	37.6	-2.97%	3.13	3.22	-2.88%
				4000	36.04	37.4	-3.53%	3.33	3.42	-2.63%
18	7/19/2023	3900	Head	3900	38.55	37.5	2.87%	3.29	3.32	-0.87%
				3800	38.90	37.6	3.49%	3.19	3.22	-0.86%
				4000	38.55	37.4	3.19%	3.40	3.42	-0.68%
18	7/23/2023	3900	Head	3900	37.09	37.5	-1.02%	3.45	3.32	4.01%
				3800	37.30	37.6	-0.76%	3.35	3.22	3.93%
				4000	36.89	37.4	-1.26%	3.56	3.42	4.03%
18	7/26/2023	3500	Head	3500	37.63	37.9	-0.79%	2.93	2.91	0.60%
				3400	37.85	38.0	-0.51%	2.83	2.81	0.70%
				3600	37.42	37.8	-1.05%	3.03	3.01	0.53%

SAR Lab	Date	Band (MHz)	Tissue Type	Frequency (MHz)	Relative Permittivity (εr)			Conductivity (σ)		
					Measured	Target	Delta	Measured	Target	Delta
19	7/22/2023	3500	Head	3500	37.60	37.9	-0.87%	2.79	2.91	-4.18%
				3400	37.80	38.0	-0.64%	2.70	2.81	-3.89%
				3600	37.42	37.8	-1.05%	2.88	3.01	-4.44%
19	7/22/2023	3700	Head	3700	37.25	37.7	-1.20%	2.97	3.12	-4.69%
				3600	37.42	37.8	-1.05%	2.88	3.01	-4.44%
				3800	37.08	37.6	-1.35%	3.07	3.22	-4.62%
19	7/26/2023	3500	Head	3500	37.73	37.9	-0.53%	2.80	2.91	-3.83%
				3400	37.92	38.0	-0.33%	2.72	2.81	-3.18%
				3600	37.53	37.8	-0.76%	2.88	3.01	-4.44%
2	7/20/2023	13	Head	13	55.69	55.00	1.25%	0.72	0.75	-4.32%
				12	55.86	55.00	1.56%	0.72	0.75	-4.31%
				14	55.36	55.00	0.65%	0.72	0.75	-4.32%
SAR Lab	Date	Band (MHz)	Tissue Type	Frequency (MHz)	Relative Permittivity (εr)			Conductivity (σ)		
					Measured	Target	Delta	Measured	Target	Delta
2	8/22/2023	3900	Head	3900	39.14	37.47	4.45%	3.18	3.32	-4.24%
				3800	39.31	37.59	4.58%	3.07	3.22	-4.62%
				4000	38.98	37.36	4.34%	3.29	3.42	-3.95%
10	8/22/2023	2600	Head	2600	39.57	39.01	1.43%	1.94	1.96	-1.13%
				2495	39.79	39.14	1.65%	1.85	1.85	0.02%
				2690	39.39	38.90	1.27%	2.01	2.06	-2.26%

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 dipole input power (forward power) for the CLA 13 was 1 W.
- 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	6/25/2023	Head	D2450V2 SN: 706	1/20/2024	5.000	50.00	52.30	-4.40%	2.320	23.20	24.50	-5.31%	
A	6/29/2023	Head	D2450V2 SN: 706	1/20/2024	5.200	52.00	52.30	-0.57%	2.420	24.20	24.50	-1.22%	
A	7/2/2023	Head	D2450V2 SN: 706	1/20/2024	4.980	49.80	52.30	-4.78%	2.320	23.20	24.50	-5.31%	
A	7/6/2023	Head	D2450V2 SN: 706	1/20/2024	5.370	53.70	52.30	2.68%	2.500	25.00	24.50	2.04%	
A	7/9/2023	Head	D2450V2 SN: 706	1/20/2024	5.080	50.80	52.30	-2.87%	2.370	23.70	24.50	-3.27%	
A	7/13/2023	Head	D2450V2 SN: 706	1/20/2024	5.320	53.20	52.30	1.72%	2.470	24.70	24.50	0.82%	
A	7/16/2023	Head	D2450V2 SN: 706	1/20/2024	5.140	51.40	52.30	-1.72%	2.400	24.00	24.50	-2.04%	
A	7/20/2023	Head	D2450V2 SN: 706	1/20/2024	5.370	53.70	52.30	2.68%	2.500	25.00	24.50	2.04%	
A	7/23/2023	Head	D2450V2 SN: 706	1/20/2024	4.920	49.20	52.30	-5.93%	2.300	23.00	24.50	-6.12%	
A	7/27/2023	Head	D2450V2 SN: 706	1/20/2024	4.900	49.00	52.30	**-6.31%**	2.290	22.90	24.50	-6.53%	1
B	6/25/2023	Head	D5GHzV2 SN: 1138 (5.25 GHz)	2/3/2024	8.030	80.30	79.50	1.01%	2.300	23.00	22.60	1.77%	
B	7/2/2023	Head	D5GHzV2 SN: 1138 (5.25 GHz)	2/3/2024	7.730	77.30	79.50	-2.77%	2.230	22.30	22.60	-1.33%	
B	7/6/2023	Head	D5GHzV2 SN: 1138 (5.25 GHz)	2/3/2024	8.390	83.90	79.50	5.53%	2.430	24.30	22.60	7.52%	
B	7/9/2023	Head	D5GHzV2 SN: 1138 (5.25 GHz)	2/3/2024	8.020	80.20	79.50	0.88%	2.320	23.20	22.60	2.65%	
B	7/13/2023	Head	D5GHzV2 SN: 1138 (5.25 GHz)	2/3/2024	7.78	77.80	79.50	-2.14%	2.230	22.30	22.60	-1.33%	
B	7/19/2023	Head	D5GHzV2 SN: 1138 (5.25 GHz)	2/3/2024	7.870	78.70	79.50	-1.01%	2.250	22.50	22.60	-0.44%	
B	7/23/2023	Head	D5GHzV2 SN: 1138 (5.25 GHz)	2/3/2024	8.600	86.00	79.50	**8.18%**	2.470	24.70	22.60	9.29%	2
B	7/27/2023	Head	D5GHzV2 SN: 1138 (5.25 GHz)	2/3/2024	7.750	77.50	79.50	-2.52%	2.220	22.20	22.60	-1.77%	
D	6/29/2023	Head	D2450V2 SN: 899	4/18/2024	5.290	52.90	51.90	1.93%	2.540	25.40	24.40	4.10%	
D	7/2/2023	Head	D2450V2 SN: 899	4/18/2024	4.990	49.90	51.90	-3.85%	2.390	23.90	24.40	-2.05%	
D	7/6/2023	Head	D2450V2 SN: 899	4/18/2024	4.870	48.70	51.90	**-6.17%**	2.340	23.40	24.40	-4.10%	3
D	7/9/2023	Head	D2450V2 SN: 899	4/18/2024	5.280	52.80	51.90	1.73%	2.540	25.40	24.40	4.10%	
D	7/13/2023	Head	D2450V2 SN: 899	4/18/2024	5.110	51.10	51.90	-1.54%	2.470	24.70	24.40	1.23%	
D	7/16/2023	Head	D2450V2 SN: 899	4/18/2024	5.030	50.30	51.90	-3.08%	2.440	24.40	24.40	0.00%	
D	7/19/2023	Head	D2450V2 SN: 899	4/18/2024	5.350	53.50	51.90	3.08%	2.600	26.00	24.40	6.56%	
D	7/23/2023	Head	D2450V2 SN: 899	4/18/2024	4.940	49.40	51.90	-4.82%	2.380	23.80	24.40	-2.46%	
D	7/27/2023	Head	D2450V2 SN: 899	4/18/2024	5.230	52.30	51.90	0.77%	2.530	25.30	24.40	3.69%	
E	6/25/2023	Head	D5GHzV2 SN: 1003 (5.25 GHz)	2/22/2024	7.360	73.60	80.30	-8.34%	2.090	20.90	22.90	-8.73%	
E	6/29/2023	Head	D5GHzV2 SN: 1003 (5.25 GHz)	2/22/2024	7.520	75.20	80.30	-6.35%	2.140	21.40	22.90	-6.55%	
E	7/2/2023	Head	D5GHzV2 SN: 1003 (5.75 GHz)	2/22/2024	8.450	84.50	79.30	6.56%	2.380	23.80	22.40	6.25%	
E	7/6/2023	Head	D5GHzV2 SN: 1003 (5.25 GHz)	2/22/2024	7.380	73.80	80.30	-8.09%	2.110	21.10	22.90	-7.86%	
E	7/6/2023	Head	D5GHzV2 SN: 1003 (5.75 GHz)	2/22/2024	7.250	72.50	79.30	**-8.58%**	2.060	20.60	22.40	-8.04%	4
E	7/9/2023	Head	D5GHzV2 SN: 1003 (5.25 GHz)	2/22/2024	7.460	74.60	80.30	-7.10%	2.130	21.30	22.90	-6.99%	
E	7/16/2023	Head	D5GHzV2 SN: 1003 (5.25 GHz)	2/22/2024	7.570	75.70	80.30	-5.73%	2.150	21.50	22.90	-6.11%	
E	7/18/2023	Head	D5GHzV2 SN: 1003 (5.60 GHz)	2/22/2024	7.920	79.20	83.00	**-4.58%**	2.230	22.30	23.70	-5.91%	5
E	7/20/2023	Head	D5GHzV2 SN: 1003 (5.25 GHz)	2/22/2024	7.230	72.30	80.30	**-9.96%**	2.070	20.70	22.90	-9.61%	6
E	7/22/2023	Head	D5GHzV2 SN: 1003 (5.60 GHz)	2/22/2024	8.140	81.40	83.00	-1.93%	2.290	22.90	23.70	-3.38%	
E	7/23/2023	Head	D5GHzV2 SN: 1003 (5.25 GHz)	2/22/2024	7.820	78.20	80.30	-2.62%	2.220	22.20	22.90	-3.06%	
E	7/27/2023	Head	D5GHzV2 SN: 1003 (5.25 GHz)	2/22/2024	7.640	76.40	80.30	-4.86%	2.170	21.70	22.90	-5.24%	
E	7/27/2023	Head	D5GHzV2 SN: 1003 (5.60 GHz)	2/22/2024	8.180	81.80	83.00	-1.45%	2.290	22.90	23.70	-3.38%	

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	6/21/2023	Head	D5GHzV2 SN: 1138 (5.60 GHz)	2/3/2024	7.620	76.20	82.50	-7.64%	2.140	21.40	23.40	-8.55%	
F	6/25/2023	Head	D5GHzV2 SN: 1138 (5.60 GHz)	2/3/2024	7.600	76.00	82.50	**-7.88%**	2.140	21.40	23.40	-8.55%	7
F	6/29/2023	Head	D5GHzV2 SN: 1138 (5.60 GHz)	2/3/2024	8.020	80.20	82.50	-2.79%	2.250	22.50	23.40	-3.85%	
F	7/23/2023	Head	D5GHzV2 SN: 1138 (5.60 GHz)	2/3/2024	8.590	85.90	82.50	4.12%	2.420	24.20	23.40	3.42%	
F	7/27/2023	Head	D2450V2 SN: 899	4/18/2024	5.010	50.10	51.90	**-3.47%**	2.330	23.30	24.40	-4.51%	8
H	6/25/2023	Head	D5GHzV2 SN: 1138 (5.75 GHz)	2/3/2024	7.070	70.70	78.30	**-9.71%**	2.030	20.30	22.20	-8.56%	9
H	7/3/2023	Head	D5GHzV2 SN: 1138 (5.60 GHz)	2/3/2024	7.540	75.40	82.50	-8.61%	2.130	21.30	23.40	-8.97%	
H	7/6/2023	Head	D5GHzV2 SN: 1138 (5.60 GHz)	2/3/2024	8.100	81.00	82.50	-1.82%	2.280	22.80	23.40	-2.56%	
H	7/9/2023	Head	D5GHzV2 SN: 1138 (5.60 GHz)	2/3/2024	7.500	75.00	82.50	**-9.09%**	2.120	21.20	23.40	-9.40%	10
H	7/16/2023	Head	D5GHzV2 SN: 1138 (5.75 GHz)	2/3/2024	7.620	76.20	78.30	-2.68%	2.180	21.80	22.20	-1.80%	
H	7/20/2023	Head	D5GHzV2 SN: 1138 (5.75 GHz)	2/3/2024	7.480	74.80	78.30	-4.47%	2.140	21.40	22.20	-3.60%	
H	7/23/2023	Head	D5GHzV2 SN: 1138 (5.75 GHz)	2/3/2024	7.410	74.10	78.30	-5.36%	2.110	21.10	22.20	-4.95%	
H	7/27/2023	Head	D5GHzV2 SN: 1138 (5.75 GHz)	2/3/2024	7.200	72.00	78.30	-8.05%	2.060	20.60	22.20	-7.21%	
H	7/28/2023	Head	D5GHzV2 SN: 1138 (5.25 GHz)	2/3/2024	7.550	75.50	79.50	-5.03%	2.160	21.60	22.60	-4.42%	
H	7/31/2023	Head	D5GHzV2 SN: 1003 (5.25 GHz)	2/22/2024	7.380	73.80	80.30	**-8.09%**	2.100	21.00	22.90	-8.30%	11
I	6/30/2023	Head	D5GHzV2 SN: 1138 (5.75 GHz)	2/3/2024	7.070	70.70	78.30	**-9.71%**	2.040	20.40	22.20	-8.11%	12
I	7/6/2023	Head	D5GHzV2 SN: 1138 (5.75 GHz)	2/3/2024	7.870	78.70	78.30	0.51%	2.260	22.60	22.20	1.80%	
I	7/9/2023	Head	D5GHzV2 SN: 1138 (5.75 GHz)	2/3/2024	7.190	71.90	78.30	-8.17%	2.080	20.80	22.20	-6.31%	
I	7/13/2023	Head	D5GHzV2 SN: 1138 (5.75 GHz)	2/3/2024	7.460	74.60	78.30	-4.73%	2.160	21.60	22.20	-2.70%	
I	7/16/2023	Head	D5GHzV2 SN: 1138 (5.75 GHz)	2/3/2024	7.620	76.20	78.30	-2.68%	2.200	22.00	22.20	-0.90%	
I	7/20/2023	Head	D5GHzV2 SN: 1138 (5.75 GHz)	2/3/2024	7.740	77.40	78.30	-1.15%	2.230	22.30	22.20	0.45%	
I	7/23/2023	Head	D5GHzV2 SN: 1138 (5.75 GHz)	2/3/2024	7.690	76.90	78.30	-1.79%	2.210	22.10	22.20	-0.45%	
I	7/27/2023	Head	D5GHzV2 SN: 1138 (5.75 GHz)	2/3/2024	7.280	72.80	78.30	-7.02%	2.100	21.00	22.20	-5.41%	
I	7/31/2023	Head	D5GHzV2 SN: 1138 (5.25 GHz)	2/3/2024	7.200	72.00	79.50	**-9.43%**	2.090	20.90	22.60	-7.52%	13
1	6/22/2023	Head	D835V2 SN: 4d002	11/24/2023	0.972	9.72	9.83	-1.12%	0.606	6.06	6.42	-5.61%	
1	6/25/2023	Head	D835V2 SN: 4d002	11/24/2023	1.020	10.20	9.83	3.76%	0.681	6.81	6.42	6.07%	
1	6/28/2023	Head	D2600V2 SN: 1036	4/11/2024	5.380	53.80	55.40	**-2.89%**	2.490	24.90	24.90	0.00%	14
1	7/2/2023	Head	D835V2 SN: 4d002	11/24/2023	1.010	10.10	9.83	2.75%	0.672	6.72	6.42	4.67%	
1	7/6/20223	Head	D835V2 SN: 4d002	11/24/2023	0.973	9.73	9.83	-1.02%	0.650	6.50	6.42	1.25%	
1	7/9/2023	Head	D835V2 SN: 4d002	11/24/2023	1.030	10.30	9.83	4.78%	0.687	6.87	6.42	7.01%	
1	7/13/2023	Head	D835V2 SN: 4d002	11/24/2023	1.040	10.40	9.83	**5.80%**	0.695	6.95	6.42	8.26%	15
1	7/20/2023	Head	D2300V2 SN: 1002	4/11/2024	4.570	45.70	48.70	**-6.16%**	2.180	21.80	23.80	-8.40%	16

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	6/22/2023	Head	D1750V2 SN: 1053	10/17/2023	3.760	37.60	36.60	2.73%	2.040	20.40	19.40	5.15%	
2	6/25/2023	Head	D1750V2 SN: 1053	10/17/2023	3.370	33.70	36.60	**-7.92%**	1.830	18.30	19.40	-5.67%	17
2	6/25/2023	Head	D1640V2 SN: 334	3/25/2023	3.100	31.00	33.90	-8.55%	1.740	17.40	18.30	-4.92%	
2	6/29/2023	Head	D1750V2 SN: 1053	10/17/2023	3.660	36.60	36.60	0.00%	1.990	19.90	19.40	2.58%	
2	7/2/2023	Head	D1750V2 SN: 1053	10/17/2023	3.740	37.40	36.60	2.19%	2.030	20.30	19.40	4.64%	
2	7/6/2023	Head	D1750V2 SN: 1053	10/17/2023	3.700	37.00	36.60	1.09%	2.010	20.10	19.40	3.61%	
2	7/6/2023	Head	D1640V2 SN: 334	3/25/2023	3.430	34.30	33.90	1.18%	1.910	19.10	18.30	4.37%	
2	7/9/2023	Head	D1750V2 SN: 1053	10/17/2023	3.680	36.80	36.60	0.55%	1.990	19.90	19.40	2.58%	
2	7/9/2023	Head	D1640V2 SN: 334	3/25/2023	3.390	33.90	33.90	0.00%	1.890	18.90	18.30	3.28%	
2	7/13/2023	Head	D1750V2 SN: 1053	10/17/2023	3.840	38.40	36.60	4.92%	2.080	20.80	19.40	7.22%	
2	7/16/2023	Head	D1640V2 SN: 334	3/25/2023	3.340	33.40	33.90	-1.47%	1.850	18.50	18.30	1.09%	
2	7/20/2023	Head	D1750V2 SN: 1053	10/17/2023	3.550	35.50	36.60	-3.01%	1.920	19.20	19.40	-1.03%	
2	7/22/2023	Head	D3700V2 SN: 1110	11/30/2023	5.810	58.10	64.09	**-9.35%**	2.230	22.30	23.60	-5.51%	18
2	7/23/2023	Head	D3500V2 SN: 1011	4/17/2024	6.020	60.20	65.60	**-8.23%**	2.370	23.70	24.70	-4.05%	19
2	7/26/2023	Head	D3700V2 SN: 1110	11/30/2023	6.450	64.50	64.09	0.64%	2.440	24.40	23.60	3.39%	
2	7/26/2023	Head	D3500V2 SN: 1011	4/17/2024	6.300	63.00	65.60	-3.96%	2.460	24.60	24.70	-0.40%	
2	7/27/2023	Head	D1640V2 SN: 334	3/25/2023	3.070	30.70	33.90	**-9.44%**	1.710	17.10	18.30	-6.56%	20
4	6/22/2023	Head	D1750V2 SN: 1050	4/19/2024	3.800	38.00	36.10	5.26%	2.030	20.30	18.90	7.41%	
4	6/25/2023	Head	D1750V2 SN: 1050	4/19/2024	3.780	37.80	36.10	4.71%	2.020	20.20	18.90	6.88%	
4	6/29/2023	Head	D1750V2 SN: 1050	4/19/2024	3.820	38.20	36.10	5.82%	2.040	20.40	18.90	7.94%	
4	7/2/2023	Head	D1750V2 SN: 1050	4/19/2024	3.700	37.00	36.10	2.49%	1.970	19.70	18.90	4.23%	
4	7/6/2023	Head	D1750V2 SN: 1050	4/19/2024	3.640	36.40	36.10	0.83%	1.940	19.40	18.90	2.65%	
4	7/9/2023	Head	D1750V2 SN: 1050	4/19/2024	3.790	37.90	36.10	4.99%	2.020	20.20	18.90	6.88%	
4	7/16/2023	Head	D1750V2 SN: 1050	4/19/2024	3.390	33.90	36.10	-6.09%	1.810	18.10	18.90	-4.23%	
4	7/20/2023	Head	D1750V2 SN: 1050	4/19/2024	3.830	38.30	36.10	**6.09%**	2.060	20.60	18.90	8.99%	21
5	6/22/2023	Head	D1900V2 SN: 5d163	10/28/2023	3.980	39.80	39.10	1.79%	2.070	20.70	20.40	1.47%	
5	6/25/2023	Head	D1900V2 SN: 5d163	10/28/2023	3.980	39.80	39.10	1.79%	2.090	20.90	20.40	2.45%	
5	6/29/2023	Head	D1900V2 SN: 5d163	10/28/2023	4.010	40.10	39.10	2.56%	2.100	21.00	20.40	2.94%	
5	7/2/2023	Head	D1900V2 SN: 5d163	10/28/2023	4.020	40.20	39.10	2.81%	2.110	21.10	20.40	3.43%	
5	7/6/2023	Head	D1900V2 SN: 5d163	10/28/2023	4.070	40.70	39.10	4.09%	2.140	21.40	20.40	4.90%	
5	7/9/2023	Head	D1900V2 SN: 5d163	10/28/2023	4.120	41.20	39.10	5.37%	2.160	21.60	20.40	5.88%	
5	7/14/2023	Head	D1900V2 SN: 5d163	10/28/2023	4.170	41.70	39.10	6.65%	2.210	22.10	20.40	8.33%	
5	7/16/2023	Head	D1900V2 SN: 5d163	10/28/2023	3.640	36.40	39.10	-6.91%	1.920	19.20	20.40	-5.88%	
5	7/20/2023	Head	D1900V2 SN: 5d163	10/28/2023	3.930	39.30	39.10	0.51%	2.060	20.60	20.40	0.98%	
5	7/23/2023	Head	D1900V2 SN: 5d163	10/28/2023	3.560	35.60	39.10	**-8.95%**	1.870	18.70	20.40	-8.33%	22
5	7/26/2023	Head	D1900V2 SN: 5d163	10/28/2023	4.000	40.00	39.10	2.30%	2.100	21.00	20.40	2.94%	
7	6/22/2023	Head	D835V2 SN: 4d002	11/24/2023	1.040	10.40	9.83	**5.80%**	0.685	6.85	6.42	6.70%	23
7	6/25/2023	Head	D835V2 SN: 4d002	11/24/2023	0.999	9.99	9.83	1.63%	0.661	6.61	6.42	2.96%	
7	6/26/2023	Head	D2300V2 SN: 1002	4/11/2024	4.950	49.50	48.70	**1.64%**	2.430	24.30	23.80	2.10%	24
7	7/2/2023	Head	D835V2 SN: 4d002	11/24/2023	1.000	10.00	9.83	1.73%	0.656	6.56	6.42	2.18%	
7	7/6/2023	Head	D835V2 SN: 4d002	11/24/2023	1.030	10.30	9.83	4.78%	0.639	6.39	6.42	-0.47%	
7	7/9/2023	Head	D835V2 SN: 4d002	11/24/2023	0.940	9.40	9.83	-4.37%	0.621	6.21	6.42	-3.27%	

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	6/25/2023	Head	D1900V2 SN: 5d163	10/28/2023	4.100	41.00	39.10	4.86%	2.140	21.40	20.40	4.90%	
8	6/29/2023	Head	D1900V2 SN: 5d163	10/28/2023	4.050	40.50	39.10	3.58%	2.110	21.10	20.40	3.43%	
8	7/2/2023	Head	D1900V2 SN: 5d163	10/28/2023	4.250	42.50	39.10	**8.70%**	2.220	22.20	20.40	8.82%	25
8	7/6/2023	Head	D1900V2 SN: 5d163	10/28/2023	3.780	37.80	39.10	-3.32%	1.970	19.70	20.40	-3.43%	
8	7/9/2023	Head	D1900V2 SN: 5d163	10/28/2023	3.600	36.00	39.10	-7.93%	1.870	18.70	20.40	-8.33%	
8	7/16/2023	Head	D1900V2 SN: 5d140	4/14/2024	4.190	41.90	39.40	**6.35%**	2.170	21.70	20.60	5.34%	26
8	7/20/2023	Head	D1900V2 SN: 5d163	10/28/2023	4.080	40.80	39.10	4.35%	2.130	21.30	20.40	4.41%	
8	7/20/2023	Head	D2450V2 SN: 899	4/18/2024	5.460	54.60	51.90	**5.20%**	2.580	25.80	24.40	5.74%	27
9	6/21/2023	Head	D750V3 SN: 1019	4/13/2024	0.858	8.58	8.51	0.82%	0.574	5.74	5.59	2.68%	
9	6/25/2023	Head	D750V3 SN: 1019	4/13/2024	0.852	8.52	8.51	0.12%	0.570	5.70	5.59	1.97%	
9	6/29/2023	Head	D750V3 SN: 1019	4/13/2024	0.889	8.89	8.51	4.47%	0.595	5.95	5.59	6.44%	
9	7/2/2023	Head	D750V3 SN: 1019	4/13/2024	0.775	7.75	8.51	**-8.93%**	0.518	5.18	5.59	-7.33%	28
9	7/2/2023	Head	D2600V2 SN: 1036	4/11/2024	5.820	58.20	55.40	5.05%	2.690	26.90	24.90	8.03%	
9	7/6/2023	Head	D750V3 SN: 1019	4/13/2024	0.863	8.63	8.51	1.41%	0.576	5.76	5.59	3.04%	
9	7/9/2023	Head	D750V3 SN: 1019	4/13/2024	0.894	8.94	8.51	5.05%	0.596	5.96	5.59	6.62%	
9	7/20/2023	Head	D2600V2 SN: 1036	4/11/2024	5.130	51.30	55.40	**-7.40%**	2.390	23.90	24.90	-4.02%	29
9	7/20/2023	Head	D750V3 SN: 1019	4/13/2024	0.888	8.88	8.51	4.35%	0.586	5.86	5.59	4.83%	
10	6/21/2023	Head	D750V3 SN: 1019	4/13/2024	0.911	9.11	8.51	7.05%	0.598	5.98	5.59	6.98%	
10	6/22/2023	Head	D2600V2 SN: 1036	4/11/2024	5.480	54.80	55.40	-1.08%	2.490	24.90	24.90	0.00%	
10	6/25/2023	Head	D750V3 SN: 1019	4/13/2024	0.891	8.91	8.51	4.70%	0.589	5.89	5.59	5.37%	
10	6/29/2023	Head	D750V3 SN: 1019	4/13/2024	0.877	8.77	8.51	3.06%	0.583	5.83	5.59	4.29%	
10	7/2/2023	Head	D750V3 SN: 1019	4/13/2024	0.932	9.32	8.51	**9.52%**	0.614	6.14	5.59	9.84%	30
10	7/6/2023	Head	D750V3 SN: 1019	4/13/2024	0.930	9.30	8.51	9.28%	0.608	6.08	5.59	8.77%	
10	7/19/2023	Head	D750V3 SN: 1019	4/13/2024	0.872	8.72	8.51	2.47%	0.576	5.76	5.59	3.04%	
10	7/23/2023	Head	D2600V2 SN: 1036	4/11/2024	5.240	52.40	55.40	**-5.42%**	2.370	23.70	24.90	-4.82%	31
12	7/5/2023	Head	D2600V2 SN: 1036	4/11/2024	5.860	58.60	55.40	5.78%	2.670	26.70	24.90	7.23%	
12	7/9/2023	Head	D2600V2 SN: 1036	4/11/2024	5.120	51.20	55.40	**-7.58%**	2.330	23.30	24.90	-6.43%	32
12	7/12/2023	Head	D2600V2 SN: 1036	4/11/2024	5.390	53.90	55.40	-2.71%	2.480	24.80	24.90	-0.40%	
12	7/16/2023	Head	D2600V2 SN: 1036	4/11/2024	5.810	58.10	55.40	4.87%	2.710	27.10	24.90	8.84%	
12	7/19/2023	Head	D2600V2 SN: 1036	4/11/2024	5.210	52.10	55.40	-5.96%	2.430	24.30	24.90	-2.41%	
12	7/23/2023	Head	D2600V2 SN: 1036	4/11/2024	5.530	55.30	55.40	-0.18%	2.580	25.80	24.90	3.61%	
12	7/27/2023	Head	D2600V2 SN: 1036	4/11/2024	5.840	58.40	55.40	5.42%	2.710	27.10	24.90	8.84%	
13	7/2/2023	Head	D3700V2 SN: 1110	11/20/2023	6.620	66.20	64.09	3.29%	2.500	25.00	23.60	5.93%	
13	7/5/2023	Head	D3500V2 SN: 1011	4/17/2024	6.710	67.10	65.60	2.29%	2.640	26.40	24.70	6.88%	
13	7/9/2023	Head	D3500V2 SN: 1011	4/17/2024	6.540	65.40	65.60	-0.30%	2.560	25.60	24.70	3.64%	
13	7/9/2023	Head	D3700V2 SN: 1110	11/20/2023	6.720	67.20	64.09	4.85%	2.540	25.40	23.60	7.63%	
13	7/16/2023	Head	D3500V2 SN: 1011	4/17/2024	6.670	66.70	65.60	1.68%	2.630	26.30	24.70	6.48%	
13	7/16/2023	Head	D3700V2 SN: 1110	11/20/2023	6.250	62.50	64.09	-2.48%	2.380	23.80	23.60	0.85%	
13	7/20/2023	Head	D3500V2 SN: 1011	4/17/2024	6.320	63.20	65.60	-3.66%	2.470	24.70	24.70	0.00%	
13	7/20/2023	Head	D3700V2 SN: 1110	11/20/2023	6.800	68.00	64.09	**6.10%**	2.570	25.70	23.60	8.90%	33
13	7/23/2023	Head	D3500V2 SN: 1011	4/17/2024	5.940	59.40	65.60	**-9.45%**	2.350	23.50	24.70	-4.86%	34
13	7/23/2023	Head	D3700V2 SN: 1110	11/20/2023	6.310	63.10	64.09	-1.54%	2.410	24.10	23.60	2.12%	
13	7/26/2023	Head	D3500V2 SN: 1011	4/17/2024	6.140	61.40	65.60	-6.40%	2.400	24.00	24.70	-2.83%	
13	7/26/2023	Head	D3700V2 SN: 1110	11/20/2023	6.210	62.10	64.09	-3.11%	2.410	24.10	23.60	2.12%	
13	7/31/2023	Head	D3500V2 SN: 1011	4/17/2024	5.960	59.60	65.60	-9.15%	2.330	23.30	24.70	-5.67%	

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%	
15	6/28/2023	Head	D2600V2 SN: 1036	4/11/2024	6.030	60.30	55.40	8.84%	2.710	27.10	24.90	8.84%	
15	7/2/2023	Head	D2600V2 SN: 1036	4/11/2024	5.570	55.70	55.40	0.54%	2.580	25.80	24.90	3.61%	
15	7/5/2023	Head	D2600V2 SN: 1036	4/11/2024	6.010	60.10	55.40	8.48%	2.710	27.10	24.90	8.84%	
15	7/9/2023	Head	D2600V2 SN: 1036	4/11/2024	5.570	55.70	55.40	0.54%	2.460	24.60	24.90	-1.20%	
15	7/12/2023	Head	D2600V2 SN: 1036	4/11/2024	5.970	59.70	55.40	7.76%	2.690	26.90	24.90	8.03%	
15	7/16/2023	Head	D2600V2 SN: 1036	4/11/2024	5.750	57.50	55.40	3.79%	2.600	26.00	24.90	4.42%	
15	7/19/2023	Head	D2600V2 SN: 1036	4/11/2024	5.070	50.70	55.40	-8.48%	2.290	22.90	24.90	-8.03%	
15	7/23/2023	Head	D2600V2 SN: 1036	4/11/2024	5.010	50.10	55.40	**-9.57%**	2.280	22.80	24.90	-8.43%	35
15	7/28/2023	Head	D2600V2 SN: 1036	4/11/2024	5.850	58.50	55.40	5.60%	2.670	26.70	24.90	7.23%	
16	6/30/2023	Head	D2300V2 SN: 1058	10/18/2023	4.770	47.70	48.50	-1.65%	2.310	23.10	23.60	-2.12%	
16	7/2/2023	Head	D2300V2 SN: 1058	10/18/2023	5.100	51.00	48.50	5.15%	2.470	24.70	23.60	4.66%	
16	7/5/2023	Head	D2300V2 SN: 1058	10/18/2023	5.220	52.20	48.50	7.63%	2.520	25.20	23.60	6.78%	
16	7/9/2023	Head	D2300V2 SN: 1058	10/18/2023	4.890	48.90	48.50	0.82%	2.390	23.90	23.60	1.27%	
16	7/12/2023	Head	D2300V2 SN: 1058	10/18/2023	5.090	50.90	48.50	4.95%	2.510	25.10	23.60	6.36%	
16	7/16/2023	Head	D2300V2 SN: 1058	10/18/2023	4.750	47.50	48.50	-2.06%	2.330	23.30	23.60	-1.27%	
16	7/17/2023	Head	D2600V2 SN: 1036	4/11/2024	5.170	51.70	55.40	**-6.68%**	2.400	24.00	24.90	-3.61%	36
16	7/19/2023	Head	D2300V2 SN: 1058	10/18/2023	5.220	52.20	48.50	**7.63%**	2.570	25.70	23.60	8.90%	37
16	7/21/2023	Head	D2600V2 SN: 1036	4/11/2024	5.720	57.20	55.40	3.25%	2.660	26.60	24.90	6.83%	
16	7/23/2023	Head	D2300V2 SN: 1058	10/18/2023	5.060	50.60	48.50	4.33%	2.490	24.90	23.60	5.51%	
17	6/28/2023	Head	D3700V2 SN: 1110	11/20/2023	6.290	62.90	64.09	-1.86%	2.370	23.70	23.60	0.42%	
17	7/2/2023	Head	D3500V2 SN: 1060	2/7/2024	6.100	61.00	65.70	-7.15%	2.370	23.70	24.90	-4.82%	
17	7/2/2023	Head	D3700V2 SN: 1110	11/20/2023	6.750	67.50	64.09	5.32%	2.540	25.40	23.60	7.63%	
17	7/5/2023	Head	D3500V2 SN: 1060	2/7/2024	6.310	63.10	65.70	-3.96%	2.480	24.80	24.90	-0.40%	
17	7/9/2023	Head	D3500V2 SN: 1060	2/7/2024	6.090	60.90	65.70	**-7.31%**	2.360	23.60	24.90	-5.22%	38
17	7/9/2023	Head	D3700V2 SN: 1110	11/20/2023	6.450	64.50	64.09	0.64%	2.430	24.30	23.60	2.97%	
17	7/16/2023	Head	D3500V2 SN: 1060	2/7/2024	6.750	67.50	65.70	2.74%	2.620	26.20	24.90	5.22%	
17	7/16/2023	Head	D3700V2 SN: 1110	11/20/2023	6.220	62.20	64.09	-2.95%	2.340	23.40	23.60	-0.85%	
17	7/20/2023	Head	D3500V2 SN: 1060	2/7/2024	6.560	65.60	65.70	-0.15%	2.540	25.40	24.90	2.01%	
17	7/20/2023	Head	D3700V2 SN: 1110	11/20/2023	6.040	60.40	64.09	**-5.76%**	2.260	22.60	23.60	-4.24%	39
17	7/23/2023	Head	D3700V2 SN: 1110	11/20/2023	6.060	60.60	64.09	-5.45%	2.290	22.90	23.60	-2.97%	
17	7/26/2023	Head	D3700V2 SN: 1110	11/20/2023	6.530	65.30	64.09	1.89%	2.480	24.80	23.60	5.08%	
18	7/5/2023	Head	D3900V2 SN: 1093	9/28/2023	6.930	69.30	70.30	-1.42%	2.630	26.30	24.50	7.35%	
18	7/6/2023	Head	D3500V2 SN: 1060	2/7/2024	6.350	63.50	65.70	**-3.35%**	2.620	26.20	24.90	5.22%	40
18	7/9/2023	Head	D3900V2 SN: 1093	9/28/2023	6.820	68.20	70.30	-2.99%	2.600	26.00	24.50	6.12%	
18	7/9/2023	Head	D3500V2 SN: 1060	2/7/2024	6.400	64.00	65.70	-2.59%	2.620	26.20	24.90	5.22%	
18	7/12/2023	Head	D3900V2 SN: 1093	9/28/2023	7.010	70.10	70.30	-0.28%	2.690	26.90	24.50	9.80%	
18	7/16/2023	Head	D3900V2 SN: 1093	9/28/2023	6.790	67.90	70.30	-3.41%	2.630	26.30	24.50	7.35%	
18	7/19/2023	Head	D3900V2 SN: 1093	9/28/2023	6.840	68.40	70.30	-2.70%	2.640	26.40	24.50	7.76%	
18	7/23/2023	Head	D3900V2 SN: 1093	9/28/2023	6.530	65.30	70.30	**-7.11%**	2.520	25.20	24.50	2.86%	41
18	7/26/2023	Head	D3500V2 SN: 1011	4/17/2024	6.240	62.40	65.60	**-4.88%**	2.670	26.70	24.70	8.10%	42
19	7/22/2023	Head	D3500V2 SN: 1060	2/7/2024	6.070	60.70	65.70	**-7.61%**	2.420	24.20	24.90	-2.81%	43
19	7/22/2023	Head	D3700V2 SN: 1110	11/20/2023	5.930	59.30	64.09	**-7.47%**	2.270	22.70	23.60	-3.81%	44
19	7/26/2023	Head	D3500V2 SN: 1060	2/7/2024	6.920	69.20	65.70	5.33%	2.730	27.30	24.90	9.64%	

SAR Lab	Date	Tissue Type	Dipole Type_Serial #	Dipole Cal. Due Date	Measured Results for 1g SAR				Measured Results for 10g SAR				Plot No.
					Zoom Scan (1 W)	Normalize to 1 W	Target (Ref. Value)	Delta ±10 %	Zoom Scan (1 W)	Normalize to 1 W	Target (Ref. Value)	Delta ±10 %	
2	7/20/2023	Head	CLA13 SN: 1008	1/12/2024	0.509	0.509	0.544	-6.43%	0.314	0.314	0.338	-7.10%	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%	
2	8/22/2023	Head	D3900V2 SN: 1093	9/28/2023	7.13	71.3	70.3	**1.42%**	2.58	25.8	24.5	5.31%	46
10	8/22/2023	Head	D2600V2 SN: 1036	4/11/2024	5.84	58.4	55.4	**5.42%**	2.64	26.4	24.9	6.02%	47

9. Conducted Output Power Measurements

Power measurements were performed in accordance with 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. 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 Maximum Output Power already includes component uncertainty. 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 uncertainty
- Maximum Output Power = Power of target + uncertainty.

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 greatest number of time slots.

Maximum Output Power for GSM

RF Air interface	Mode	Target Output Power (dBm)								Maximum 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
GSM850	Voice/GPRS (1 slot)	32.5	32.5	31.5	31.5					33.5	33.5	32.5	32.5				
	GPRS 2 slots	31.5	31.5	28.5	30.5					32.5	32.5	29.5	31.5				
	EGPRS 1 slot	27.0	27.0	26.0	26.0					28.0	28.0	27.0	27.0				
	EGPRS 2 slots	26.0	26.0	25.0	25.0					27.0	27.0	26.0	26.0				
GSM1900	Voice/GPRS (1 slot)	31.0	30.0	27.5	27.2	29.2	28.5	27.2	28.0	32.0	31.0	28.5	28.2	30.2	29.5	28.2	29.0
	GPRS 2 slots	29.5	27.0	24.5	24.2	26.2	25.5	24.2	25.2	30.5	28.0	25.5	25.2	27.2	26.5	25.2	26.2
	EGPRS 1 slot	26.0	26.0	23.0	23.0	25.5	25.5	23.0	23.0	27.0	27.0	24.0	24.0	26.5	26.5	24.0	24.0
	EGPRS 2 slots	25.0	25.0	22.0	22.0	24.5	24.5	22.0	22.0	26.0	26.0	23.0	23.0	25.5	25.5	23.0	23.0

Notes:
SAR is not required for EDGE (8PSK) mode because the maximum output power 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.

GSM850 Measured Results (ANT1)

Mode	Coding Scheme	Time Slots	Ch No.	Freq. (MHz)	Power Mode A (dBm)				Power Mode B (dBm)			
					Measured		Max Output Pwr		Measured		Max Output Pwr	
					Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr
GPRS/EDGE (GMSK)	CS1	1	128	824.2	32.5	23.5	33.5	24.5	32.5	23.5	33.5	24.5
			190	836.6	33.0	24.0			33.0	24.0		
			251	848.8	32.9	23.9			32.9	23.9		
		2	128	824.2	31.9	25.9	32.5	**26.5**	31.9	25.9	32.5	**26.5**
			190	836.6	32.0	26.0			32.0	26.0		
			251	848.8	32.0	26.0			32.0	26.0		
EDGE (8PSK)	MCS5	1	128	824.2	27.4	18.4	28.0	19.0	27.4	18.4	28.0	19.0
			190	836.6	27.6	18.6			27.6	18.6		
			251	848.8	27.4	18.4			27.4	18.4		
		2	128	824.2	26.3	20.3	27.0	21.0	26.3	20.3	27.0	21.0
			190	836.6	26.5	20.5			26.5	20.5		
			251	848.8	26.4	20.4			26.4	20.4		

Notes:

Based on the Maximum Output Power, 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		Max Output Pwr		Measured		Max Output Pwr	
					Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr
GPRS/EDGE (GMSK)	CS1	1	128	824.2	32.3	23.3	32.5	23.5	32.3	23.3	32.5	23.5
			190	836.6	32.3	23.3			32.3	23.3		
			251	848.8	32.3	23.3			32.3	23.3		
		2	128	824.2	29.3	23.3	29.5	**23.5**	31.4	25.4	31.5	**25.5**
			190	836.6	29.4	23.4			31.3	25.3		
			251	848.8	29.3	23.3			31.3	25.3		
EDGE (8PSK)	MCS5	1	128	824.2	26.7	17.7	27.0	18.0	26.7	17.7	27.0	18.0
			190	836.6	26.7	17.7			26.7	17.7		
			251	848.8	26.6	17.6			26.6	17.6		
		2	128	824.2	25.6	19.6	26.0	20.0	25.6	19.6	26.0	20.0
			190	836.6	25.8	19.8			25.8	19.8		
			251	848.8	25.7	19.7			25.7	19.7		

Notes:

Based on the Maximum Output Power, 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		Max Output Pwr		Measured		Max Output Pwr	
					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	30.7	21.7	31.0	22.0
			661	1880.0	31.9	22.9			30.8	21.8		
			810	1909.8	31.7	22.7			30.6	21.6		
		2	512	1850.2	30.1	24.1	30.5	**24.5**	27.0	21.0	28.0	**22.0**
			661	1880.0	29.5	23.5			27.0	21.0		
			810	1909.8	30.0	24.0			27.0	21.0		
EDGE (8PSK)	MCS5	1	512	1850.2	26.6	17.6	27.0	18.0	26.6	17.6	27.0	18.0
			661	1880.0	26.8	17.8			26.8	17.8		
			810	1909.8	26.6	17.6			26.6	17.6		
		2	512	1850.2	25.7	19.7	26.0	20.0	25.7	19.7	26.0	20.0
			661	1880.0	25.7	19.7			25.7	19.7		
			810	1909.8	25.6	19.6			25.6	19.6		

Notes:

Based on the Maximum Output Power, 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		Max Output Pwr		Measured		Max Output Pwr	
					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	28.5	19.5	27.7	18.7	28.2	19.2
			661	1880.0	28.5	19.5			28.2	19.2		
			810	1909.8	28.3	19.3			28.2	19.2		
		2	512	1850.2	24.5	18.5	25.5	**19.5**	24.2	18.2	25.2	**19.2**
			661	1880.0	24.5	18.5			24.2	18.2		
			810	1909.8	24.5	18.5			24.2	18.2		
EDGE (8PSK)	MCS5	1	512	1850.2	23.9	14.9	24.0	15.0	23.9	14.9	24.0	15.0
			661	1880.0	23.4	14.4			23.4	14.4		
			810	1909.8	23.7	14.7			23.7	14.7		
		2	512	1850.2	22.9	16.9	23.0	17.0	22.9	16.9	23.0	17.0
			661	1880.0	23.0	17.0			23.0	17.0		
			810	1909.8	22.6	16.6			22.6	16.6		

Notes:

Based on the Maximum Output Power, 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		Max Output Pwr		Measured		Max Output Pwr	
					Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr
GPRS/EDGE (GMSK)	CS1	1	512	1850.2	29.2	20.2	30.2	21.2	28.6	19.6	29.5	20.5
			661	1880.0	30.0	21.0			28.7	19.7		
			810	1909.8	29.6	20.6			28.7	19.7		
		2	512	1850.2	26.6	20.6	27.2	**21.2**	25.5	19.5	26.5	**20.5**
			661	1880.0	26.7	20.7			25.5	19.5		
			810	1909.8	26.6	20.6			25.5	19.5		
EDGE (8PSK)	MCS5	1	512	1850.2	26.0	17.0	26.5	17.5	26.0	17.0	26.5	17.5
			661	1880.0	26.3	17.3			26.3	17.3		
			810	1909.8	26.0	17.0			26.0	17.0		
		2	512	1850.2	25.1	19.1	25.5	19.5	25.1	19.1	25.5	19.5
			661	1880.0	24.9	18.9			24.9	18.9		
			810	1909.8	24.9	18.9			24.9	18.9		

Notes:

Based on the Maximum Output Power, 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		Max Output Pwr		Measured		Max Output Pwr	
					Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr
GPRS/EDGE (GMSK)	CS1	1	512	1850.2	27.6	18.6	28.2	19.2	28.5	19.5	29.0	20.0
			661	1880.0	27.7	18.7			28.5	19.5		
			810	1909.8	27.6	18.6			28.4	19.4		
		2	512	1850.2	24.2	18.2	25.2	**19.2**	25.2	19.2	26.2	**20.2**
			661	1880.0	24.2	18.2			25.2	19.2		
			810	1909.8	24.2	18.2			25.2	19.2		
EDGE (8PSK)	MCS5	1	512	1850.2	23.3	14.3	24.0	15.0	23.3	14.3	24.0	15.0
			661	1880.0	23.4	14.4			23.4	14.4		
			810	1909.8	23.0	14.0			23.0	14.0		
		2	512	1850.2	22.4	16.4	23.0	17.0	22.4	16.4	23.0	17.0
			661	1880.0	22.5	16.5			22.5	16.5		
			810	1909.8	22.5	16.5			22.5	16.5		

Notes:

Based on the Maximum Output Power, 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 is 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

Maximum 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)								Maximum 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
W-CDMA Band 2	R99	23.5	21.0	18.5	18.2	20.2	19.5	18.2	19.2	24.5	22.0	19.5	19.2	21.2	20.5	19.2	20.2
	HSDPA	23.5	21.0	18.5	18.2	20.2	19.5	18.2	19.2	24.5	22.0	19.5	19.2	21.2	20.5	19.2	20.2
	HSUPA	23.5	21.0	18.5	18.2	20.2	19.5	18.2	19.2	24.5	22.0	19.5	19.2	21.2	20.5	19.2	20.2
	DC-HSDPA	23.5	21.0	18.5	18.2	20.2	19.5	18.2	19.2	24.5	22.0	19.5	19.2	21.2	20.5	19.2	20.2
	HSPA+	23.5	21.0	18.5	18.2	20.2	19.5	18.2	19.2	24.5	22.0	19.5	19.2	21.2	20.5	19.2	20.2
W-CDMA Band 4	R99	24.0	18.7	22.0	21.0	20.0	19.7	19.5	18.5	25.0	19.7	23.0	22.0	21.0	20.7	20.5	19.5
	HSDPA	24.0	18.7	22.0	21.0	20.0	19.7	19.5	18.5	25.0	19.7	23.0	22.0	21.0	20.7	20.5	19.5
	HSUPA	24.0	18.7	22.0	21.0	20.0	19.7	19.5	18.5	25.0	19.7	23.0	22.0	21.0	20.7	20.5	19.5
	DC-HSDPA	24.0	18.7	22.0	21.0	20.0	19.7	19.5	18.5	25.0	19.7	23.0	22.0	21.0	20.7	20.5	19.5
	HSPA+	24.0	18.7	22.0	21.0	20.0	19.7	19.5	18.5	25.0	19.7	23.0	22.0	21.0	20.7	20.5	19.5
W-CDMA Band 5	R99	24.7	24.7	22.5	23.7					25.7	25.7	23.5	24.7				
	HSDPA	24.7	24.7	22.5	23.7					25.7	25.7	23.5	24.7				
	HSUPA	24.7	24.7	22.5	23.7					25.7	25.7	23.5	24.7				
	DC-HSDPA	24.7	24.7	22.5	23.7					25.7	25.7	23.5	24.7				
	HSPA+	24.7	24.7	22.5	23.7					25.7	25.7	23.5	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	Max Output Pwr	Measured Pwr	MPR	Max Output Pwr
Release 99	Rel 99 (RMC, 12.2 kbps)	9262	1852.4	24.4	N/A	24.5	21.9	N/A	22.0
		9400	1880.0	24.4			21.9		
		9538	1907.6	24.4			21.9		
HSDPA	Subtest 1	9262	1852.4	23.2	0	24.5	20.7	0	22.0
		9400	1880.0	23.3			20.8		
		9538	1907.6	23.2			20.8		
	Subtest 2	9262	1852.4	23.2	0	24.5	20.7	0	22.0
		9400	1880.0	23.2			20.7		
		9538	1907.6	23.2			20.7		
	Subtest 3	9262	1852.4	22.7	0.5	24.0	20.2	0.5	21.5
		9400	1880.0	22.7			20.2		
		9538	1907.6	22.7			20.2		
	Subtest 4	9262	1852.4	22.7	0.5	24.0	20.3	0.5	21.5
		9400	1880.0	22.7			20.3		
		9538	1907.6	22.7			20.2		
HSUPA	Subtest 1	9262	1852.4	23.2	0	24.5	20.7	0	22.0
		9400	1880.0	23.2			20.7		
		9538	1907.6	23.2			20.7		
	Subtest 2	9262	1852.4	21.2	2	22.5	18.7	2	20.0
		9400	1880.0	21.2			18.7		
		9538	1907.6	21.1			18.7		
	Subtest 3	9262	1852.4	22.1	1	23.5	19.7	1	21.0
		9400	1880.0	22.2			19.7		
		9538	1907.6	22.1			19.7		
	Subtest 4	9262	1852.4	21.2	2	22.5	18.7	2	20.0
		9400	1880.0	21.2			18.7		
		9538	1907.6	21.2			18.7		
	Subtest 5	9262	1852.4	22.7	0	24.5	20.3	0	22.0
		9400	1880.0	22.7			20.3		
		9538	1907.6	22.7			20.3		
DC-HSDPA	Subtest 1	9262	1852.4	23.3	0	24.5	20.7	0	22.0
		9400	1880.0	23.3			20.8		
		9538	1907.6	23.2			20.7		
	Subtest 2	9262	1852.4	23.2	0	24.5	20.7	0	22.0
		9400	1880.0	23.2			20.7		
		9538	1907.6	23.2			20.7		
	Subtest 3	9262	1852.4	22.7	0.5	24.0	20.2	0.5	21.5
		9400	1880.0	22.7			20.2		
		9538	1907.6	22.7			20.2		
	Subtest 4	9262	1852.4	22.7	0.5	24.0	20.2	0.5	21.5
		9400	1880.0	22.7			20.2		
		9538	1907.6	22.7			20.2		
HSPA+	Subtest 1	9262	1852.4	23.2	2.5	24.5	20.7	2.5	22.0
		9400	1880.0	23.2			20.8		
		9538	1907.6	23.2			20.7		

W-CDMA Band 2 Measured Results (ANT2)

Mode		UL Ch No.	Freq. (MHz)	Power Mode A (dBm)			Power Mode B (dBm)		
				Measured Pwr	MPR	Max Output Pwr	Measured Pwr	MPR	Max Output Pwr
Release 99	Rel 99 (RMC, 12.2 kbps)	9262	1852.4	18.5	N/A	19.5	18.4	N/A	19.2
		9400	1880.0	18.5			18.3		
		9538	1907.6	18.5			18.4		
HSDPA	Subtest 1	9262	1852.4	17.7	0	19.5	17.5	0	19.2
		9400	1880.0	17.7			17.5		
		9538	1907.6	17.6			17.4		
	Subtest 2	9262	1852.4	17.7	0	19.5	17.4	0	19.2
		9400	1880.0	17.6			17.4		
		9538	1907.6	17.6			17.3		
	Subtest 3	9262	1852.4	17.2	0.5	19.0	17.0	0.5	18.7
		9400	1880.0	17.2			16.9		
		9538	1907.6	17.1			16.9		
	Subtest 4	9262	1852.4	17.2	0.5	19.0	16.9	0.5	18.7
		9400	1880.0	17.2			17.0		
		9538	1907.6	17.1			16.8		
HSUPA	Subtest 1	9262	1852.4	17.7	0	19.5	17.4	0	19.2
		9400	1880.0	17.7			17.4		
		9538	1907.6	17.6			17.4		
	Subtest 2	9262	1852.4	15.7	2	17.5	15.4	2	17.2
		9400	1880.0	15.7			15.4		
		9538	1907.6	15.6			15.3		
	Subtest 3	9262	1852.4	16.7	1	18.5	16.4	1	18.2
		9400	1880.0	16.7			16.4		
		9538	1907.6	16.6			16.3		
	Subtest 4	9262	1852.4	15.7	2	17.5	15.4	2	17.2
		9400	1880.0	15.7			15.4		
		9538	1907.6	15.6			15.3		
	Subtest 5	9262	1852.4	17.7	0	19.5	17.4	0	19.2
		9400	1880.0	17.7			17.4		
		9538	1907.6	17.6			17.4		
DC-HSDPA	Subtest 1	9262	1852.4	17.7	0	19.5	17.5	0	19.2
		9400	1880.0	17.7			17.5		
		9538	1907.6	17.7			17.4		
	Subtest 2	9262	1852.4	17.7	0	19.5	17.4	0	19.2
		9400	1880.0	17.7			17.4		
		9538	1907.6	17.6			17.3		
	Subtest 3	9262	1852.4	17.2	0.5	19.0	16.9	0.5	18.7
		9400	1880.0	17.2			17.0		
		9538	1907.6	17.1			16.9		
	Subtest 4	9262	1852.4	17.3	0.5	19.0	17.0	0.5	18.7
		9400	1880.0	17.2			17.0		
		9538	1907.6	17.1			16.9		
HSPA+	Subtest 1	9262	1852.4	17.7	2.5	19.5	17.5	2.5	19.2
		9400	1880.0	17.7			17.4		
		9538	1907.6	17.7			17.5		

W-CDMA Band 2 Measured Results (ANT3)

Mode		UL Ch No.	Freq. (MHz)	Power Mode A (dBm)			Power Mode B (dBm)		
				Measured Pwr	MPR	Max Output Pwr	Measured Pwr	MPR	Max Output Pwr
Release 99	Rel 99 (RMC, 12.2 kbps)	9262	1852.4	21.0	N/A	21.2	19.5	N/A	20.5
		9400	1880.0	21.0			19.5		
		9538	1907.6	21.0			19.5		
HSDPA	Subtest 1	9262	1852.4	20.1	0	21.2	18.9	0	20.5
		9400	1880.0	20.3			19.1		
		9538	1907.6	20.0			18.8		
	Subtest 2	9262	1852.4	20.0	0	21.2	18.9	0	20.5
		9400	1880.0	20.2			19.0		
		9538	1907.6	19.9			18.8		
	Subtest 3	9262	1852.4	19.5	0.5	20.7	18.4	0.5	20.0
		9400	1880.0	19.7			18.6		
		9538	1907.6	19.4			18.3		
	Subtest 4	9262	1852.4	19.6	0.5	20.7	18.4	0.5	20.0
		9400	1880.0	19.7			18.6		
		9538	1907.6	19.5			18.3		
HSUPA	Subtest 1	9262	1852.4	20.0	0	21.2	18.8	0	20.5
		9400	1880.0	20.2			19.0		
		9538	1907.6	20.0			18.8		
	Subtest 2	9262	1852.4	18.0	2	19.2	16.9	2	18.5
		9400	1880.0	18.2			17.1		
		9538	1907.6	18.0			16.8		
	Subtest 3	9262	1852.4	19.0	1	20.2	17.9	1	19.5
		9400	1880.0	19.2			18.0		
		9538	1907.6	19.0			17.8		
	Subtest 4	9262	1852.4	18.1	2	19.2	16.9	2	18.5
		9400	1880.0	18.2			17.0		
		9538	1907.6	18.0			16.8		
	Subtest 5	9262	1852.4	19.6	0	21.2	18.5	0	20.5
		9400	1880.0	19.8			18.6		
		9538	1907.6	19.6			18.5		
DC-HSDPA	Subtest 1	9262	1852.4	20.1	0	21.2	18.9	0	20.5
		9400	1880.0	20.3			19.1		
		9538	1907.6	20.0			18.8		
	Subtest 2	9262	1852.4	20.0	0	21.2	18.8	0	20.5
		9400	1880.0	20.3			19.0		
		9538	1907.6	20.0			18.7		
	Subtest 3	9262	1852.4	19.5	0.5	20.7	18.3	0.5	20.0
		9400	1880.0	19.7			18.5		
		9538	1907.6	19.5			18.3		
	Subtest 4	9262	1852.4	19.6	0.5	20.7	18.4	0.5	20.0
		9400	1880.0	19.8			18.6		
		9538	1907.6	19.5			18.3		
HSPA+	Subtest 1	9262	1852.4	20.0	2.5	21.2	18.8	2.5	20.5
		9400	1880.0	20.2			19.1		
		9538	1907.6	20.0			18.8		

W-CDMA Band 2 Measured Results (ANT4)

Mode		UL Ch No.	Freq. (MHz)	Power Mode A (dBm)			Power Mode B (dBm)		
				Measured Pwr	MPR	Max Output Pwr	Measured Pwr	MPR	Max Output Pwr
Release 99	Rel 99 (RMC, 12.2 kbps)	9262	1852.4	18.3	N/A	19.2	19.8	N/A	20.2
		9400	1880.0	18.2			19.8		
		9538	1907.6	18.3			19.7		
HSDPA	Subtest 1	9262	1852.4	17.2	0	19.2	18.6	0	20.2
		9400	1880.0	17.3			18.7		
		9538	1907.6	17.3			18.7		
	Subtest 2	9262	1852.4	17.4	0	19.2	18.5	0	20.2
		9400	1880.0	17.3			18.7		
		9538	1907.6	17.3			18.6		
	Subtest 3	9262	1852.4	16.7	0.5	18.7	18.1	0.5	19.7
		9400	1880.0	16.8			18.2		
		9538	1907.6	16.8			18.2		
	Subtest 4	9262	1852.4	16.7	0.5	18.7	18.0	0.5	19.7
		9400	1880.0	16.8			18.2		
		9538	1907.6	16.8			18.2		
HSUPA	Subtest 1	9262	1852.4	17.4	0	19.2	18.5	0	20.2
		9400	1880.0	17.3			18.7		
		9538	1907.6	17.3			18.7		
	Subtest 2	9262	1852.4	15.4	2	17.2	16.5	2	18.2
		9400	1880.0	15.3			16.7		
		9538	1907.6	15.3			16.7		
	Subtest 3	9262	1852.4	16.4	1	18.2	17.5	1	19.2
		9400	1880.0	16.2			17.6		
		9538	1907.6	16.3			17.7		
	Subtest 4	9262	1852.4	15.2	2	17.2	16.6	2	18.2
		9400	1880.0	15.2			16.6		
		9538	1907.6	15.3			16.7		
	Subtest 5	9262	1852.4	17.4	0	19.2	18.2	0	20.2
		9400	1880.0	17.3			18.2		
		9538	1907.6	17.3			18.3		
DC-HSDPA	Subtest 1	9262	1852.4	17.2	0	19.2	18.6	0	20.2
		9400	1880.0	17.3			18.7		
		9538	1907.6	17.3			18.7		
	Subtest 2	9262	1852.4	17.4	0	19.2	18.6	0	20.2
		9400	1880.0	17.2			18.7		
		9538	1907.6	17.3			18.7		
	Subtest 3	9262	1852.4	16.7	0.5	18.7	18.0	0.5	19.7
		9400	1880.0	16.8			18.2		
		9538	1907.6	16.8			18.2		
	Subtest 4	9262	1852.4	16.7	0.5	18.7	18.1	0.5	19.7
		9400	1880.0	16.8			18.2		
		9538	1907.6	16.8			18.2		
HSPA+	Subtest 1	9262	1852.4	17.4	2.5	19.2	18.6	2.5	20.2
		9400	1880.0	17.2			18.7		
		9538	1907.6	17.2			18.7		

W-CDMA Band 4 Measured Results (ANT1)

Mode		UL Ch No.	Freq. (MHz)	Power Mode A (dBm)			Power Mode B (dBm)		
				Measured Pwr	MPR	Max Output Pwr	Measured Pwr	MPR	Max Output Pwr
Release 99	Rel 99 (RMC, 12.2 kbps)	1312	1712.4	25.0	N/A	25.0	19.1	N/A	19.7
		1413	1732.6	24.9			19.1		
		1513	1752.6	25.0			19.1		
HSDPA	Subtest 1	1312	1712.4	24.0	0	25.0	18.8	0	19.7
		1413	1732.6	24.0			18.8		
		1513	1752.6	24.0			18.8		
	Subtest 2	1312	1712.4	23.9	0	25.0	18.7	0	19.7
		1413	1732.6	24.0			18.8		
		1513	1752.6	24.0			18.8		
	Subtest 3	1312	1712.4	23.4	0.5	24.5	18.3	0.5	19.2
		1413	1732.6	23.5			18.3		
		1513	1752.6	23.5			18.2		
	Subtest 4	1312	1712.4	23.4	0.5	24.5	18.2	0.5	19.2
		1413	1732.6	23.5			18.3		
		1513	1752.6	23.4			18.3		
HSUPA	Subtest 1	1312	1712.4	24.0	0	25.0	18.7	0	19.7
		1413	1732.6	24.0			18.8		
		1513	1752.6	24.0			18.8		
	Subtest 2	1312	1712.4	21.9	2	23.0	16.8	2	17.7
		1413	1732.6	22.0			16.8		
		1513	1752.6	22.0			16.8		
	Subtest 3	1312	1712.4	23.0	1	24.0	17.7	1	18.7
		1413	1732.6	23.0			17.8		
		1513	1752.6	23.0			17.8		
	Subtest 4	1312	1712.4	22.0	2	23.0	16.7	2	17.7
		1413	1732.6	22.0			16.8		
		1513	1752.6	22.0			16.8		
	Subtest 5	1312	1712.4	23.5	0	25.0	18.3	0	19.7
		1413	1732.6	23.6			18.4		
		1513	1752.6	23.5			18.3		
DC-HSDPA	Subtest 1	1312	1712.4	24.0	0	25.0	18.8	0	19.7
		1413	1732.6	24.0			18.8		
		1513	1752.6	24.0			18.8		
	Subtest 2	1312	1712.4	23.9	0	25.0	18.7	0	19.7
		1413	1732.6	24.0			18.8		
		1513	1752.6	24.0			18.8		
	Subtest 3	1312	1712.4	23.5	0.5	24.5	18.2	0.5	19.2
		1413	1732.6	23.5			18.3		
		1513	1752.6	23.4			18.2		
	Subtest 4	1312	1712.4	23.5	0.5	24.5	18.2	0.5	19.2
		1413	1732.6	23.5			18.3		
		1513	1752.6	23.5			18.3		
HSPA+	Subtest 1	1312	1712.4	24.0	2.5	25.0	18.7	2.5	19.7
		1413	1732.6	24.0			18.8		
		1513	1752.6	24.0			18.8		

W-CDMA Band 4 Measured Results (ANT2)

Mode		UL Ch No.	Freq. (MHz)	Power Mode A (dBm)			Power Mode B (dBm)		
				Measured Pwr	MPR	Max Output Pwr	Measured Pwr	MPR	Max Output Pwr
Release 99	Rel 99 (RMC, 12.2 kbps)	1312	1712.4	22.4	N/A	23.0	21.0	N/A	22.0
		1413	1732.6	22.4			21.0		
		1513	1752.6	22.4			21.0		
HSDPA	Subtest 1	1312	1712.4	22.2	0	23.0	21.2	0	22.0
		1413	1732.6	22.1			21.1		
		1513	1752.6	22.1			21.1		
	Subtest 2	1312	1712.4	22.2	0	23.0	21.2	0	22.0
		1413	1732.6	22.0			21.0		
		1513	1752.6	22.0			21.0		
	Subtest 3	1312	1712.4	21.7	0.5	22.5	20.6	0.5	21.5
		1413	1732.6	21.5			20.5		
		1513	1752.6	21.5			20.6		
	Subtest 4	1312	1712.4	21.7	0.5	22.5	20.7	0.5	21.5
		1413	1732.6	21.5			20.5		
		1513	1752.6	21.6			20.6		
HSUPA	Subtest 1	1312	1712.4	22.1	0	23.0	21.1	0	22.0
		1413	1732.6	22.0			21.1		
		1513	1752.6	22.1			21.1		
	Subtest 2	1312	1712.4	20.2	2	21.0	19.1	2	20.0
		1413	1732.6	20.1			19.0		
		1513	1752.6	20.1			19.1		
	Subtest 3	1312	1712.4	21.2	1	22.0	20.2	1	21.0
		1413	1732.6	21.0			20.1		
		1513	1752.6	21.1			20.1		
	Subtest 4	1312	1712.4	20.2	2	21.0	19.1	2	20.0
		1413	1732.6	20.0			19.1		
		1513	1752.6	20.1			19.1		
	Subtest 5	1312	1712.4	21.7	0	23.0	20.7	0	22.0
		1413	1732.6	21.6			20.6		
		1513	1752.6	21.6			20.7		
DC-HSDPA	Subtest 1	1312	1712.4	22.2	0	23.0	21.2	0	22.0
		1413	1732.6	22.1			21.1		
		1513	1752.6	22.1			21.1		
	Subtest 2	1312	1712.4	22.2	0	23.0	21.2	0	22.0
		1413	1732.6	22.0			21.0		
		1513	1752.6	22.0			21.1		
	Subtest 3	1312	1712.4	21.6	0.5	22.5	20.7	0.5	21.5
		1413	1732.6	21.5			20.5		
		1513	1752.6	21.5			20.6		
	Subtest 4	1312	1712.4	21.7	0.5	22.5	20.7	0.5	21.5
		1413	1732.6	21.5			20.6		
		1513	1752.6	21.6			20.6		
HSPA+	Subtest 1	1312	1712.4	22.1	2.5	23.0	21.2	2.5	22.0
		1413	1732.6	22.0			21.1		
		1513	1752.6	22.1			21.1		

W-CDMA Band 4 Measured Results (ANT3)

Mode		UL Ch No.	Freq. (MHz)	Power Mode A (dBm)			Power Mode B (dBm)		
				Measured Pwr	MPR	Max Output Pwr	Measured Pwr	MPR	Max Output Pwr
Release 99	Rel 99 (RMC, 12.2 kbps)	1312	1712.4	20.9	N/A	21.0	20.1	N/A	20.7
		1413	1732.6	20.8			20.2		
		1513	1752.6	20.7			20.2		
HSDPA	Subtest 1	1312	1712.4	19.8	0	21.0	19.2	0	20.7
		1413	1732.6	19.9			19.3		
		1513	1752.6	19.8			19.2		
	Subtest 2	1312	1712.4	19.8	0	21.0	19.2	0	20.7
		1413	1732.6	19.9			19.3		
		1513	1752.6	19.8			19.2		
	Subtest 3	1312	1712.4	19.3	0.5	20.5	18.7	0.5	20.2
		1413	1732.6	19.4			18.8		
		1513	1752.6	19.3			18.7		
	Subtest 4	1312	1712.4	19.3	0.5	20.5	18.7	0.5	20.2
		1413	1732.6	19.4			18.8		
		1513	1752.6	19.3			18.7		
HSUPA	Subtest 1	1312	1712.4	19.8	0	21.0	19.2	0	20.7
		1413	1732.6	19.9			19.3		
		1513	1752.6	19.8			19.2		
	Subtest 2	1312	1712.4	17.8	2	19.0	17.2	2	18.7
		1413	1732.6	17.9			17.3		
		1513	1752.6	17.8			17.2		
	Subtest 3	1312	1712.4	18.8	1	20.0	18.2	1	19.7
		1413	1732.6	19.0			18.3		
		1513	1752.6	18.8			18.2		
	Subtest 4	1312	1712.4	17.8	2	19.0	17.2	2	18.7
		1413	1732.6	18.0			17.3		
		1513	1752.6	17.8			17.2		
	Subtest 5	1312	1712.4	19.4	0	21.0	18.7	0	20.7
		1413	1732.6	19.5			18.9		
		1513	1752.6	19.4			18.8		
DC-HSDPA	Subtest 1	1312	1712.4	19.8	0	21.0	19.3	0	20.7
		1413	1732.6	19.9			19.4		
		1513	1752.6	19.8			19.3		
	Subtest 2	1312	1712.4	19.8	0	21.0	19.3	0	20.7
		1413	1732.6	19.9			19.3		
		1513	1752.6	19.8			19.2		
	Subtest 3	1312	1712.4	19.3	0.5	20.5	18.7	0.5	20.2
		1413	1732.6	19.4			18.9		
		1513	1752.6	19.3			18.7		
	Subtest 4	1312	1712.4	19.3	0.5	20.5	18.7	0.5	20.2
		1413	1732.6	19.4			18.9		
		1513	1752.6	19.3			18.7		
HSPA+	Subtest 1	1312	1712.4	19.8	2.5	21.0	19.3	2.5	20.7
		1413	1732.6	19.9			19.3		
		1513	1752.6	19.8			19.3		

W-CDMA Band 4 Measured Results (ANT4)

Mode		UL Ch No.	Freq. (MHz)	Power Mode A (dBm)			Power Mode B (dBm)		
				Measured Pwr	MPR	Max Output Pwr	Measured Pwr	MPR	Max Output Pwr
Release 99	Rel 99 (RMC, 12.2 kbps)	1312	1712.4	20.4	N/A	20.5	18.6	N/A	19.5
		1413	1732.6	20.3			18.5		
		1513	1752.6	20.3			18.6		
HSDPA	Subtest 1	1312	1712.4	19.3	0	20.5	17.9	0	19.5
		1413	1732.6	19.2			17.8		
		1513	1752.6	19.2			17.7		
	Subtest 2	1312	1712.4	19.3	0	20.5	17.9	0	19.5
		1413	1732.6	19.2			17.7		
		1513	1752.6	19.2			17.7		
	Subtest 3	1312	1712.4	18.8	0.5	20.0	17.3	0.5	19.0
		1413	1732.6	18.7			17.2		
		1513	1752.6	18.7			17.2		
	Subtest 4	1312	1712.4	18.8	0.5	20.0	17.4	0.5	19.0
		1413	1732.6	18.7			17.2		
		1513	1752.6	18.7			17.2		
HSUPA	Subtest 1	1312	1712.4	19.3	0	20.5	17.9	0	19.5
		1413	1732.6	19.2			17.7		
		1513	1752.6	19.2			17.7		
	Subtest 2	1312	1712.4	17.3	2	18.5	15.9	2	17.5
		1413	1732.6	17.2			15.8		
		1513	1752.6	17.2			15.8		
	Subtest 3	1312	1712.4	18.3	1	19.5	16.9	1	18.5
		1413	1732.6	18.3			16.8		
		1513	1752.6	18.3			16.8		
	Subtest 4	1312	1712.4	17.3	2	18.5	15.9	2	17.5
		1413	1732.6	17.3			15.8		
		1513	1752.6	17.2			15.8		
	Subtest 5	1312	1712.4	18.9	0	20.5	17.6	0	19.5
		1413	1732.6	18.8			17.5		
		1513	1752.6	18.8			17.5		
DC-HSDPA	Subtest 1	1312	1712.4	19.4	0	20.5	17.9	0	19.5
		1413	1732.6	19.3			17.7		
		1513	1752.6	19.2			17.7		
	Subtest 2	1312	1712.4	19.4	0	20.5	17.9	0	19.5
		1413	1732.6	19.2			17.7		
		1513	1752.6	19.2			17.7		
	Subtest 3	1312	1712.4	18.8	0.5	20.0	17.3	0.5	19.0
		1413	1732.6	18.7			17.2		
		1513	1752.6	18.7			17.2		
	Subtest 4	1312	1712.4	18.9	0.5	20.0	17.3	0.5	19.0
		1413	1732.6	18.7			17.2		
		1513	1752.6	18.7			17.2		
HSPA+	Subtest 1	1312	1712.4	19.3	2.5	20.5	17.9	2.5	19.5
		1413	1732.6	19.3			17.7		
		1513	1752.6	19.2			17.7		

W-CDMA Band 5 Measured Results (ANT1)

Mode		UL Ch No.	Freq. (MHz)	Power Mode A (dBm)			Power Mode B (dBm)		
				Measured Pwr	MPR	Max Output Pwr	Measured Pwr	MPR	Max Output Pwr
Release 99	Rel 99 (RMC, 12.2 kbps)	4132	826.4	25.3	N/A	25.7	25.3	N/A	25.7
		4183	836.6	25.4			25.4		
		4233	846.6	25.4			25.4		
HSDPA	Subtest 1	4132	826.4	24.3	0	25.7	24.3	0	25.7
		4183	836.6	24.4			24.4		
		4233	846.6	24.3			24.3		
	Subtest 2	4132	826.4	24.3	0	25.7	24.3	0	25.7
		4183	836.6	24.4			24.4		
		4233	846.6	24.3			24.3		
	Subtest 3	4132	826.4	23.8	0.5	25.2	23.8	0.5	25.2
		4183	836.6	23.9			23.9		
		4233	846.6	23.8			23.8		
	Subtest 4	4132	826.4	23.7	0.5	25.2	23.7	0.5	25.2
		4183	836.6	23.9			23.9		
		4233	846.6	23.6			23.6		
HSUPA	Subtest 1	4132	826.4	24.3	0	25.7	24.3	0	25.7
		4183	836.6	24.4			24.4		
		4233	846.6	24.3			24.3		
	Subtest 2	4132	826.4	22.3	2	23.7	22.3	2	23.7
		4183	836.6	22.4			22.4		
		4233	846.6	22.3			22.3		
	Subtest 3	4132	826.4	23.3	1	24.7	23.3	1	24.7
		4183	836.6	23.3			23.3		
		4233	846.6	23.3			23.3		
	Subtest 4	4132	826.4	22.3	2	23.7	22.3	2	23.7
		4183	836.6	22.4			22.4		
		4233	846.6	22.3			22.3		
	Subtest 5	4132	826.4	23.8	0	25.7	23.8	0	25.7
		4183	836.6	23.9			23.9		
		4233	846.6	23.9			23.9		
DC-HSDPA	Subtest 1	4132	826.4	24.2	0	25.7	24.2	0	25.7
		4183	836.6	24.3			24.3		
		4233	846.6	24.3			24.3		
	Subtest 2	4132	826.4	24.2	0	25.7	24.2	0	25.7
		4183	836.6	24.3			24.3		
		4233	846.6	24.3			24.3		
	Subtest 3	4132	826.4	23.8	0.5	25.2	23.8	0.5	25.2
		4183	836.6	23.8			23.8		
		4233	846.6	23.8			23.8		
	Subtest 4	4132	826.4	23.7	0.5	25.2	23.7	0.5	25.2
		4183	836.6	23.8			23.8		
		4233	846.6	23.8			23.8		
HSPA+	Subtest 1	4132	826.4	24.3	2.5	25.7	24.3	2.5	25.7
		4183	836.6	24.3			24.3		
		4233	846.6	24.3			24.3		

W-CDMA Band 5 Measured Results (ANT2)

Mode		UL Ch No.	Freq. (MHz)	Power Mode A (dBm)			Power Mode B (dBm)		
				Measured Pwr	MPR	Max Output Pwr	Measured Pwr	MPR	Max Output Pwr
Release 99	Rel 99 (RMC, 12.2 kbps)	4132	826.4	22.5	N/A	23.5	24.6	N/A	24.7
		4183	836.6	22.5			24.7		
		4233	846.6	22.5			24.6		
HSDPA	Subtest 1	4132	826.4	22.3	0	23.5	23.5	0	24.7
		4183	836.6	22.4			23.6		
		4233	846.6	22.2			23.4		
	Subtest 2	4132	826.4	22.4	0	23.5	23.5	0	24.7
		4183	836.6	22.4			23.6		
		4233	846.6	22.2			23.4		
	Subtest 3	4132	826.4	21.8	0.5	23.0	23.0	0.5	24.2
		4183	836.6	21.9			23.1		
		4233	846.6	21.7			22.9		
	Subtest 4	4132	826.4	21.8	0.5	23.0	23.0	0.5	24.2
		4183	836.6	21.9			23.1		
		4233	846.6	21.7			22.9		
HSUPA	Subtest 1	4132	826.4	22.4	0	23.5	23.5	0	24.7
		4183	836.6	22.4			23.6		
		4233	846.6	22.2			23.5		
	Subtest 2	4132	826.4	20.3	2	21.5	21.5	2	22.7
		4183	836.6	20.4			21.6		
		4233	846.6	20.2			21.4		
	Subtest 3	4132	826.4	21.4	1	22.5	22.5	1	23.7
		4183	836.6	21.4			22.6		
		4233	846.6	21.2			22.4		
	Subtest 4	4132	826.4	20.4	2	21.5	21.5	2	22.7
		4183	836.6	20.4			21.6		
		4233	846.6	20.2			21.4		
	Subtest 5	4132	826.4	21.9	0	23.5	23.1	0	24.7
		4183	836.6	22.0			23.2		
		4233	846.6	21.8			23.0		
DC-HSDPA	Subtest 1	4132	826.4	22.3	0	23.5	23.5	0	24.7
		4183	836.6	22.4			23.6		
		4233	846.6	22.2			23.4		
	Subtest 2	4132	826.4	22.4	0	23.5	23.5	0	24.7
		4183	836.6	22.4			23.6		
		4233	846.6	22.2			23.4		
	Subtest 3	4132	826.4	21.8	0.5	23.0	23.0	0.5	24.2
		4183	836.6	21.9			23.1		
		4233	846.6	21.7			22.9		
	Subtest 4	4132	826.4	21.8	0.5	23.0	23.1	0.5	24.2
		4183	836.6	21.9			23.1		
		4233	846.6	21.7			22.9		
HSPA+	Subtest 1	4132	826.4	22.4	2.5	23.5	23.5	2.5	24.7
		4183	836.6	22.4			23.6		
		4233	846.6	22.2			23.4		

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

Maximum 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 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, 64QAM, and 256QAM. When the highest maximum output power for 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 6.3. for LTE detail test channels.

RF Air interface	Mode	Target Output Power (dBm)								Maximum 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
LTE Band 2	QPSK	23.5	21.0	18.5	18.2	20.2	19.5	18.2	19.2	24.5	22.0	19.5	19.2	21.2	20.5	19.2	20.2
LTE Band 4	QPSK	24.0	18.7	22.0	21.0	20.0	19.7	19.5	18.5	25.0	19.7	23.0	22.0	21.0	20.7	20.5	19.5
LTE Band 5	QPSK	24.7	24.7	22.5	24.2	24.4	24.4			25.7	25.7	23.5	25.2	25.4	25.4		
LTE Band 7	QPSK	22.0	19.0	16.0	18.0	19.2	18.2	18.2	17.2	23.0	20.0	17.0	19.0	20.2	19.2	19.2	18.2
LTE Band 12	QPSK	24.7	24.7	23.2	23.7	24.4	24.4			25.7	25.7	24.2	24.7	25.4	25.4		
LTE Band 13	QPSK	24.7	24.7	22.7	23.7	24.4	24.4			25.7	25.7	23.7	24.7	25.4	25.4		
LTE Band 14	QPSK	24.7	24.7	22.7	23.7	24.4	24.4			25.7	25.7	23.7	24.7	25.4	25.4		
LTE Band 17	QPSK	24.7	24.7	23.2	23.7	24.4	24.4			25.7	25.7	24.2	24.7	25.4	25.4		
LTE Band 25	QPSK	23.5	21.0	18.5	18.2	20.2	19.5	18.2	19.2	24.5	22.0	19.5	19.2	21.2	20.5	19.2	20.2
LTE Band 26	QPSK	24.7	24.7	22.5	23.7	24.4	24.4			25.7	25.7	23.5	24.7	25.4	25.4		
LTE Band 30	QPSK	21.2	19.0	18.5	18.7	20.0	19.2	20.5	18.0	22.2	20.0	19.5	19.7	21.0	20.2	21.5	19.0
LTE Band 41 (PC3)	QPSK	24.2	21.0	17.5	19.5	21.7	20.8	20.5	19.2	25.2	22.0	18.5	20.5	22.7	21.8	21.5	20.2
LTE Band 41 (PC 2)	QPSK	25.8	22.6	19.1	21.1	23.3	22.4	22.1	20.8	26.8	23.6	20.1	22.1	24.3	23.4	23.1	21.8
LTE Band 53	QPSK	19.7	19.7	17.5	19.5					20.7	20.7	18.5	20.5				
LTE Band 66	QPSK	24.0	18.7	22.0	21.0	20.0	19.7	19.5	18.5	25.0	19.7	23.0	22.0	21.0	20.7	20.5	19.5
LTE Band 71	QPSK	24.7	24.7	23.2	23.7	24.4	24.4			25.7	25.7	24.2	24.7	25.4	25.4		
RF Air interface	Mode	Target Output Power (dBm)								Maximum 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
LTE Band 48	QPSK	22.5	21.5	21.8	21.5	24.3	21.8	22.8	20.5	23.5	22.5	22.8	22.5	25.3	22.8	23.8	21.5

LTE Band 5 Measured Results (ANT1)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)				Power Mode B (dBm)			
				20525	MPR	Max Output Pwr		20525	MPR	Max Output Pwr	
				836.5 MHz				836.5 MHz			
10	QPSK	1	0	25.4	0	25.7		25.4	0	25.7	
		1	25	25.5	0	25.7		25.5	0	25.7	
		1	49	25.4	0	25.7		25.4	0	25.7	
		25	0	24.5	1	24.7		24.5	1	24.7	
		25	12	24.6	1	24.7		24.6	1	24.7	
		25	25	24.5	1	24.7		24.5	1	24.7	
		50	0	24.5	1	24.7		24.5	1	24.7	
	16QAM	1	0	24.7	1	24.7		24.7	1	24.7	
		1	25	24.7	1	24.7		24.7	1	24.7	
		1	49	24.7	1	24.7		24.7	1	24.7	
		25	0	23.5	2	23.7		23.5	2	23.7	
		25	12	23.5	2	23.7		23.5	2	23.7	
		25	25	23.6	2	23.7		23.6	2	23.7	
		50	0	23.5	2	23.7		23.5	2	23.7	
	64QAM	1	0	23.4	2	23.7		23.4	2	23.7	
		1	25	23.5	2	23.7		23.5	2	23.7	
		1	49	23.4	2	23.7		23.4	2	23.7	
		25	0	22.3	3	22.7		22.3	3	22.7	
		25	12	22.3	3	22.7		22.3	3	22.7	
		25	25	22.4	3	22.7		22.4	3	22.7	
		50	0	22.3	3	22.7		22.3	3	22.7	
	256QAM	1	0	20.4	5	20.7		20.4	5	20.7	
		1	25	20.6	5	20.7		20.6	5	20.7	
		1	49	20.5	5	20.7		20.5	5	20.7	
		25	0	20.3	5	20.7		20.3	5	20.7	
		25	12	20.3	5	20.7		20.3	5	20.7	
		25	25	20.4	5	20.7		20.4	5	20.7	
		50	0	20.3	5	20.7		20.3	5	20.7	

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				20425	20525	20625	MPR	Max Output Pwr	20425	20525	20625	MPR	Max Output Pwr
				826.5 MHz	836.5 MHz	846.5 MHz			826.5 MHz	836.5 MHz	846.5 MHz		
5	QPSK	1	0	25.2	25.4	25.3	0	25.7	25.2	25.4	25.3	0	25.7
		1	12	25.3	25.5	25.5	0	25.7	25.3	25.5	25.5	0	25.7
		1	24	25.2	25.4	25.3	0	25.7	25.2	25.4	25.3	0	25.7
		12	0	24.2	24.4	24.4	1	24.7	24.2	24.4	24.4	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	24.3	24.5	24.4	1	24.7	24.3	24.5	24.4	1	24.7
		25	0	24.3	24.4	24.3	1	24.7	24.3	24.4	24.3	1	24.7
	16QAM	1	0	24.6	24.7	24.7	1	24.7	24.6	24.7	24.7	1	24.7
		1	12	24.7	24.7	24.7	1	24.7	24.7	24.7	24.7	1	24.7
		1	24	24.6	24.7	24.7	1	24.7	24.6	24.7	24.7	1	24.7
		12	0	23.2	23.6	23.4	2	23.7	23.2	23.6	23.4	2	23.7
		12	7	23.3	23.6	23.4	2	23.7	23.3	23.6	23.4	2	23.7
		12	13	23.3	23.6	23.5	2	23.7	23.3	23.6	23.5	2	23.7
		25	0	23.3	23.5	23.3	2	23.7	23.3	23.5	23.3	2	23.7
	64QAM	1	0	23.3	23.5	23.5	2	23.7	23.3	23.5	23.5	2	23.7
		1	12	23.4	23.6	23.6	2	23.7	23.4	23.6	23.6	2	23.7
		1	24	23.3	23.5	23.5	2	23.7	23.3	23.5	23.5	2	23.7
		12	0	22.1	22.3	22.3	3	22.7	22.1	22.3	22.3	3	22.7
		12	7	22.3	22.3	22.4	3	22.7	22.3	22.3	22.4	3	22.7
		12	13	22.2	22.4	22.3	3	22.7	22.2	22.4	22.3	3	22.7
		25	0	22.2	22.3	22.4	3	22.7	22.2	22.3	22.4	3	22.7
	256QAM	1	0	20.2	20.4	20.4	5	20.7	20.2	20.4	20.4	5	20.7
		1	12	20.4	20.5	20.5	5	20.7	20.4	20.5	20.5	5	20.7
		1	24	20.3	20.4	20.4	5	20.7	20.3	20.4	20.4	5	20.7
		12	0	20.2	20.3	20.3	5	20.7	20.2	20.3	20.3	5	20.7
		12	7	20.3	20.3	20.4	5	20.7	20.3	20.3	20.4	5	20.7
		12	13	20.2	20.4	20.4	5	20.7	20.2	20.4	20.4	5	20.7
		25	0	20.2	20.3	20.3	5	20.7	20.2	20.3	20.3	5	20.7

LTE Band 5 Measured Results (ANT1) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				20415	20525	20635	MPR	Max Output Pwr	20415	20525	20635	MPR	Max Output Pwr
				825.5 MHz	836.5 MHz	847.5 MHz			825.5 MHz	836.5 MHz	847.5 MHz		
3	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	25.4	25.4	0	25.7	25.3	25.4	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	24.4	24.3	1	24.7	24.2	24.4	24.3	1	24.7
		8	4	24.3	24.4	24.4	1	24.7	24.3	24.4	24.4	1	24.7
		8	7	24.3	24.5	24.3	1	24.7	24.3	24.5	24.3	1	24.7
		15	0	24.3	24.4	24.3	1	24.7	24.3	24.4	24.3	1	24.7
	16QAM	1	0	24.4	24.7	24.7	1	24.7	24.4	24.7	24.7	1	24.7
		1	8	24.6	24.7	24.7	1	24.7	24.6	24.7	24.7	1	24.7
		1	14	24.5	24.7	24.7	1	24.7	24.5	24.7	24.7	1	24.7
		8	0	23.3	23.5	23.4	2	23.7	23.3	23.5	23.4	2	23.7
		8	4	23.4	23.5	23.4	2	23.7	23.4	23.5	23.4	2	23.7
		8	7	23.4	23.6	23.4	2	23.7	23.4	23.6	23.4	2	23.7
		15	0	23.3	23.4	23.3	2	23.7	23.3	23.4	23.3	2	23.7
	64QAM	1	0	23.3	23.2	23.5	2	23.7	23.3	23.2	23.5	2	23.7
		1	8	23.4	23.4	23.6	2	23.7	23.4	23.4	23.6	2	23.7
		1	14	23.4	23.5	23.5	2	23.7	23.4	23.5	23.5	2	23.7
		8	0	22.2	22.7	22.2	3	22.7	22.2	22.7	22.2	3	22.7
		8	4	22.3	22.3	22.4	3	22.7	22.3	22.3	22.4	3	22.7
		8	7	22.3	22.3	22.4	3	22.7	22.3	22.3	22.4	3	22.7
		15	0	22.2	22.4	22.3	3	22.7	22.2	22.4	22.3	3	22.7
	256QAM	1	0	20.2	20.4	20.4	5	20.7	20.2	20.4	20.4	5	20.7
		1	8	20.4	20.4	20.5	5	20.7	20.4	20.4	20.5	5	20.7
		1	14	20.3	20.6	20.5	5	20.7	20.3	20.6	20.5	5	20.7
		8	0	20.2	20.5	20.3	5	20.7	20.2	20.5	20.3	5	20.7
		8	4	20.3	20.3	20.4	5	20.7	20.3	20.3	20.4	5	20.7
		8	7	20.2	20.3	20.4	5	20.7	20.2	20.3	20.4	5	20.7
		15	0	20.2	20.4	20.3	5	20.7	20.2	20.4	20.3	5	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				20407	20525	20643	MPR	Max Output Pwr	20407	20525	20643	MPR	Max Output Pwr
				824.7 MHz	836.5 MHz	848.3 MHz			824.7 MHz	836.5 MHz	848.3 MHz		
1.4	QPSK	1	0	25.2	25.4	25.3	0	25.7	25.2	25.4	25.3	0	25.7
		1	3	25.2	25.5	25.4	0	25.7	25.2	25.5	25.4	0	25.7
		1	5	25.2	25.4	25.3	0	25.7	25.2	25.4	25.3	0	25.7
		3	0	25.2	25.4	25.4	0	25.7	25.2	25.4	25.4	0	25.7
		3	1	25.2	25.5	25.4	0	25.7	25.2	25.5	25.4	0	25.7
		3	3	25.2	25.5	25.4	0	25.7	25.2	25.5	25.4	0	25.7
		6	0	24.2	24.4	24.3	1	24.7	24.2	24.4	24.3	1	24.7
	16QAM	1	0	24.4	24.7	24.7	1	24.7	24.4	24.7	24.7	1	24.7
		1	3	24.4	24.7	24.7	1	24.7	24.4	24.7	24.7	1	24.7
		1	5	24.4	24.7	24.7	1	24.7	24.4	24.7	24.7	1	24.7
		3	0	24.3	24.5	24.5	1	24.7	24.3	24.5	24.5	1	24.7
		3	1	24.4	24.6	24.5	1	24.7	24.4	24.6	24.5	1	24.7
		3	3	24.3	24.6	24.5	1	24.7	24.3	24.6	24.5	1	24.7
		6	0	23.3	23.4	23.4	2	23.7	23.3	23.4	23.4	2	23.7
	64QAM	1	0	23.3	23.4	23.5	2	23.7	23.3	23.4	23.5	2	23.7
		1	3	23.4	23.5	23.5	2	23.7	23.4	23.5	23.5	2	23.7
		1	5	23.4	23.4	23.5	2	23.7	23.4	23.4	23.5	2	23.7
		3	0	23.2	23.4	23.4	2	23.7	23.2	23.4	23.4	2	23.7
		3	1	23.2	23.5	23.4	2	23.7	23.2	23.5	23.4	2	23.7
		3	3	23.2	23.5	23.4	2	23.7	23.2	23.5	23.4	2	23.7
		6	0	22.1	22.3	22.3	3	22.7	22.1	22.3	22.3	3	22.7
	256QAM	1	0	20.1	20.4	20.4	5	20.7	20.1	20.4	20.4	5	20.7
		1	3	20.2	20.5	20.4	5	20.7	20.2	20.5	20.4	5	20.7
		1	5	20.2	20.4	20.3	5	20.7	20.2	20.4	20.3	5	20.7
		3	0	20.2	20.3	20.4	5	20.7	20.2	20.3	20.4	5	20.7
		3	1	20.2	20.3	20.4	5	20.7	20.2	20.3	20.4	5	20.7
		3	3	20.2	20.4	20.4	5	20.7	20.2	20.4	20.4	5	20.7
		6	0	20.3	20.3	20.2	5	20.7	20.3	20.3	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)			
				20525	MPR	Max Output Pwr		20525	MPR	Max Output Pwr	
				836.5 MHz				836.5 MHz			
10	QPSK	1	0	22.6	0	23.5		25.0	0	25.2	
		1	25	22.6	0	23.5		25.0	0	25.2	
		1	49	22.6	0	23.5		25.0	0	25.2	
		25	0	22.6	0	23.5		24.0	1	24.2	
		25	12	22.6	0	23.5		24.0	1	24.2	
		25	25	22.6	0	23.5		24.0	1	24.2	
		50	0	22.6	0	23.5		24.0	1	24.2	
	16QAM	1	0	23.0	0	23.5		24.2	1	24.2	
		1	25	22.9	0	23.5		24.2	1	24.2	
		1	49	22.5	0	23.5		24.2	1	24.2	
		25	0	22.5	0.3	23.2		23.0	2	23.2	
		25	12	22.5	0.3	23.2		23.0	2	23.2	
		25	25	22.5	0.3	23.2		23.1	2	23.2	
		50	0	22.5	0.3	23.2		23.0	2	23.2	
	64QAM	1	0	22.7	0.3	23.2		23.2	2	23.2	
		1	25	22.7	0.3	23.2		23.2	2	23.2	
		1	49	22.7	0.3	23.2		23.2	2	23.2	
		25	0	21.5	1.3	22.2		22.0	3	22.2	
		25	12	21.6	1.3	22.2		22.0	3	22.2	
		25	25	21.6	1.3	22.2		22.1	3	22.2	
		50	0	21.5	1.3	22.2		22.0	3	22.2	
	256QAM	1	0	19.6	3.3	20.2		20.1	5	20.2	
		1	25	19.7	3.3	20.2		20.2	5	20.2	
		1	49	19.7	3.3	20.2		20.1	5	20.2	
		25	0	19.5	3.3	20.2		20.0	5	20.2	
		25	12	19.5	3.3	20.2		20.0	5	20.2	
		25	25	19.6	3.3	20.2		20.1	5	20.2	
		50	0	19.5	3.3	20.2		20.0	5	20.2	

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				20425	20525	20625	MPR	Max Output Pwr	20425	20525	20625	MPR	Max Output Pwr
				826.5 MHz	836.5 MHz	846.5 MHz			826.5 MHz	836.5 MHz	846.5 MHz		
5	QPSK	1	0	22.7	22.7	22.8	0	23.5	24.9	25.0	25.0	0	25.2
		1	12	22.8	22.8	22.8	0	23.5	25.1	25.0	25.0	0	25.2
		1	24	22.7	22.7	22.7	0	23.5	25.0	24.9	25.0	0	25.2
		12	0	22.7	22.8	22.8	0	23.5	23.9	23.9	24.0	1	24.2
		12	7	22.8	22.8	22.8	0	23.5	24.0	24.0	24.0	1	24.2
		12	13	22.8	22.8	22.8	0	23.5	24.0	24.0	24.0	1	24.2
		25	0	22.8	22.7	22.7	0	23.5	24.0	24.0	23.9	1	24.2
	16QAM	1	0	23.0	23.0	23	0	23.5	24.2	24.2	24.2	1	24.2
		1	12	23.0	23.0	23	0	23.5	24.2	24.2	24.2	1	24.2
		1	24	23.0	23.0	23	0	23.5	24.2	24.2	24.2	1	24.2
		12	0	22.5	22.5	22.57	0.3	23.2	23.1	22.9	23.0	2	23.2
		12	7	22.6	22.5	22.6	0.3	23.2	23.2	22.9	23.0	2	23.2
		12	13	22.5	22.6	22.66	0.3	23.2	23.1	23.0	23.1	2	23.2
		25	0	22.5	22.5	22.45	0.3	23.2	23.0	22.9	23.0	2	23.2
	64QAM	1	0	22.6	22.7	22.7	0.3	23.2	23.2	23.2	23.2	2	23.2
		1	12	22.7	22.7	22.7	0.3	23.2	23.2	23.2	23.2	2	23.2
		1	24	22.6	22.7	22.7	0.3	23.2	23.2	23.2	23.2	2	23.2
		12	0	21.4	21.5	21.5	1.3	22.2	22.0	22.0	22.0	3	22.2
		12	7	21.5	21.6	21.6	1.3	22.2	22.1	22.1	22.1	3	22.2
		12	13	21.5	21.6	21.6	1.3	22.2	22.0	22.1	22.1	3	22.2
		25	0	21.5	21.5	21.6	1.3	22.2	22.0	22.0	22.1	3	22.2
	256QAM	1	0	19.5	19.6	19.7	3.3	20.2	20.1	20.1	20.2	5	20.2
		1	12	19.7	19.7	19.7	3.3	20.2	20.2	20.2	20.2	5	20.2
		1	24	19.6	19.7	19.7	3.3	20.2	20.2	20.2	20.2	5	20.2
		12	0	19.5	19.5	19.5	3.3	20.2	20.0	20.0	20.0	5	20.2
		12	7	19.6	19.6	19.6	3.3	20.2	20.1	20.0	20.1	5	20.2
		12	13	19.5	19.6	19.6	3.3	20.2	20.1	20.1	20.1	5	20.2
		25	0	19.5	19.5	19.6	3.3	20.2	20.0	20.0	20.1	5	20.2

LTE Band 5 Measured Results (ANT2) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				20415	20525	20635	MPR	Max Output Pwr	20415	20525	20635	MPR	Max Output Pwr
				825.5 MHz	836.5 MHz	847.5 MHz			825.5 MHz	836.5 MHz	847.5 MHz		
3	QPSK	1	0	22.7	22.6	22.7	0	23.5	24.9	24.9	24.9	0	25.2
		1	8	22.8	22.8	22.8	0	23.5	25.0	25.0	25.0	0	25.2
		1	14	22.7	22.6	22.7	0	23.5	24.9	24.9	24.9	0	25.2
		8	0	22.7	22.7	22.7	0	23.5	23.9	24.0	23.9	1	24.2
		8	4	22.8	22.8	22.8	0	23.5	24.0	24.0	24.1	1	24.2
		8	7	22.8	22.8	22.8	0	23.5	24.0	24.1	24.0	1	24.2
		15	0	22.8	22.7	22.7	0	23.5	24.0	23.9	23.9	1	24.2
	16QAM	1	0	23.0	23.0	23.0	0	23.5	24.2	24.2	24.2	1	24.2
		1	8	23.0	23.0	23.0	0	23.5	24.2	24.2	24.2	1	24.2
		1	14	23.0	23.0	23.0	0	23.5	24.2	24.2	24.2	1	24.2
		8	0	22.4	22.5	22.5	0.3	23.2	23.0	23.1	23.0	2	23.2
		8	4	22.5	22.5	22.6	0.3	23.2	23.1	23.1	23.1	2	23.2
		8	7	22.5	22.6	22.6	0.3	23.2	23.1	23.2	23.1	2	23.2
		15	0	22.5	22.5	22.4	0.3	23.2	23.0	23.0	23.0	2	23.2
	64QAM	1	0	22.7	22.6	22.6	0.3	23.2	23.2	23.2	23.2	2	23.2
		1	8	22.7	22.7	22.7	0.3	23.2	23.2	23.2	23.2	2	23.2
		1	14	22.6	22.5	22.7	0.3	23.2	23.2	23.2	23.2	2	23.2
		8	0	21.4	21.5	21.5	1.3	22.2	22.0	22.0	22.1	3	22.2
		8	4	21.6	21.5	21.6	1.3	22.2	22.1	22.1	22.2	3	22.2
		8	7	21.6	21.6	21.6	1.3	22.2	22.1	22.1	22.2	3	22.2
		15	0	21.5	21.5	21.5	1.3	22.2	22.0	22.0	22.0	3	22.2
	256QAM	1	0	19.6	19.6	19.7	3.3	20.2	20.0	20.0	20.1	5	20.2
		1	8	19.7	19.7	19.7	3.3	20.2	20.1	20.2	20.2	5	20.2
		1	14	19.7	19.7	19.7	3.3	20.2	20.1	20.2	20.2	5	20.2
		8	0	19.5	19.5	19.5	3.3	20.2	20.0	20.0	20.0	5	20.2
		8	4	19.6	19.5	19.6	3.3	20.2	20.1	20.1	20.1	5	20.2
		8	7	19.5	19.6	19.6	3.3	20.2	20.1	20.1	20.1	5	20.2
		15	0	19.5	19.5	19.5	3.3	20.2	20.0	20.0	20.0	5	20.2

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				20407	20525	20643	MPR	Max Output Pwr	20407	20525	20643	MPR	Max Output Pwr
				824.7 MHz	836.5 MHz	848.3 MHz			824.7 MHz	836.5 MHz	848.3 MHz		
1.4	QPSK	1	0	22.6	22.7	22.7	0	23.5	24.9	25.0	24.9	0	25.2
		1	3	22.7	22.7	22.8	0	23.5	24.9	25.0	25.0	0	25.2
		1	5	22.7	22.8	22.7	0	23.5	24.9	25.0	24.9	0	25.2
		3	0	22.7	22.8	22.7	0	23.5	24.9	25.0	25.0	0	25.2
		3	1	22.7	22.8	22.8	0	23.5	25.0	25.0	25.0	0	25.2
		3	3	22.7	22.8	22.8	0	23.5	24.9	25.0	25.0	0	25.2
		6	0	22.7	22.7	22.7	0	23.5	23.9	23.9	23.9	1	24.2
	16QAM	1	0	22.9	23.0	23.0	0	23.5	24.2	24.1	24.2	1	24.2
		1	3	22.9	23.0	23.0	0	23.5	24.2	24.1	24.2	1	24.2
		1	5	22.9	23.0	23.0	0	23.5	24.2	24.2	24.2	1	24.2
		3	0	22.8	22.8	22.9	0	23.5	24.1	24.1	24.1	1	24.2
		3	1	22.8	22.9	22.9	0	23.5	24.1	24.1	24.1	1	24.2
		3	3	22.8	22.9	22.9	0	23.5	24.1	24.1	24.1	1	24.2
		6	0	22.5	22.5	22.5	0.3	23.2	23.0	22.9	23.0	2	23.2
	64QAM	1	0	22.5	22.7	22.7	0.3	23.2	23.1	23.1	23.2	2	23.2
		1	3	22.7	22.6	22.7	0.3	23.2	23.2	23.2	23.2	2	23.2
		1	5	22.5	22.6	22.7	0.3	23.2	23.2	23.1	23.1	2	23.2
		3	0	22.4	22.7	22.6	0.3	23.2	22.9	23.1	23.0	2	23.2
		3	1	22.4	22.7	22.6	0.3	23.2	22.9	23.1	23.0	2	23.2
		3	3	22.4	22.7	22.6	0.3	23.2	22.9	23.1	23.0	2	23.2
		6	0	21.5	21.4	21.5	1.3	22.2	21.9	22.0	22.1	3	22.2
	256QAM	1	0	19.6	19.6	19.6	3.3	20.2	20.0	20.1	20.2	5	20.2
		1	3	19.6	19.5	19.7	3.3	20.2	20.1	20.2	20.2	5	20.2
		1	5	19.6	19.6	19.6	3.3	20.2	20.0	20.1	20.1	5	20.2
		3	0	19.6	19.5	19.5	3.3	20.2	20.0	20.0	20.1	5	20.2
		3	1	19.5	19.6	19.6	3.3	20.2	20.0	20.0	20.1	5	20.2
		3	3	19.6	19.6	19.6	3.3	20.2	20.0	20.1	20.1	5	20.2
		6	0	19.5	19.5	19.6	3.3	20.2	19.9	19.9	19.9	5	20.2

LTE Band 5 Measured Results (ANT3)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)				Power Mode B (dBm)			
				20525	MPR	Max Output Pwr		20525	MPR	Max Output Pwr	
				836.5 MHz				836.5 MHz			
10	QPSK	1	0	25.2	0	25.4		25.2	0	25.4	
		1	25	25.3	0	25.4		25.3	0	25.4	
		1	49	25.3	0	25.4		25.3	0	25.4	
		25	0	24.3	1	24.4		24.3	1	24.4	
		25	12	24.4	1	24.4		24.4	1	24.4	
		25	25	24.3	1	24.4		24.3	1	24.4	
		50	0	24.4	1	24.4		24.4	1	24.4	
	16QAM	1	0	24.4	1	24.4		24.4	1	24.4	
		1	25	24.4	1	24.4		24.4	1	24.4	
		1	49	24.4	1	24.4		24.4	1	24.4	
		25	0	23.4	2	23.4		23.4	2	23.4	
		25	12	23.4	2	23.4		23.4	2	23.4	
		25	25	23.4	2	23.4		23.4	2	23.4	
		50	0	23.4	2	23.4		23.4	2	23.4	
	64QAM	1	0	23.4	2	23.4		23.4	2	23.4	
		1	25	23.4	2	23.4		23.4	2	23.4	
		1	49	23.4	2	23.4		23.4	2	23.4	
		25	0	22.3	3	22.4		22.3	3	22.4	
		25	12	22.4	3	22.4		22.4	3	22.4	
		25	25	22.4	3	22.4		22.4	3	22.4	
		50	0	22.4	3	22.4		22.4	3	22.4	
	256QAM	1	0	20.3	5	20.4		20.3	5	20.4	
		1	25	20.4	5	20.4		20.4	5	20.4	
		1	49	20.4	5	20.4		20.4	5	20.4	
		25	0	20.3	5	20.4		20.3	5	20.4	
		25	12	20.4	5	20.4		20.4	5	20.4	
		25	25	20.4	5	20.4		20.4	5	20.4	
		50	0	20.4	5	20.4		20.4	5	20.4	

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				20425	20525	20625	MPR	Max Output Pwr	20425	20525	20625	MPR	Max Output Pwr
				826.5 MHz	836.5 MHz	846.5 MHz			826.5 MHz	836.5 MHz	846.5 MHz		
5	QPSK	1	0	24.4	25.3	24.4	0	25.4	24.4	25.3	24.4	0	25.4
		1	12	25.4	25.4	25.4	0	25.4	25.4	25.4	25.4	0	25.4
		1	24	25.3	25.3	25.3	0	25.4	25.3	25.3	25.3	0	25.4
		12	0	24.4	24.4	24.4	1	24.4	24.4	24.4	24.4	1	24.4
		12	7	24.4	24.4	24.4	1	24.4	24.4	24.4	24.4	1	24.4
		12	13	24.4	24.4	24.4	1	24.4	24.4	24.4	24.4	1	24.4
		25	0	24.3	24.3	24.3	1	24.4	24.3	24.3	24.3	1	24.4
	16QAM	1	0	24.4	24.4	24.4	1	24.4	24.4	24.4	24.4	1	24.4
		1	12	24.4	24.4	24.4	1	24.4	24.4	24.4	24.4	1	24.4
		1	24	24.4	24.4	24.4	1	24.4	24.4	24.4	24.4	1	24.4
		12	0	23.4	23.4	23.4	2	23.4	23.4	23.4	23.4	2	23.4
		12	7	23.4	23.4	23.4	2	23.4	23.4	23.4	23.4	2	23.4
		12	13	23.4	23.4	23.4	2	23.4	23.4	23.4	23.4	2	23.4
		25	0	23.3	23.3	23.4	2	23.4	23.3	23.3	23.4	2	23.4
	64QAM	1	0	23.4	23.4	23.4	2	23.4	23.4	23.4	23.4	2	23.4
		1	12	23.4	23.4	23.4	2	23.4	23.4	23.4	23.4	2	23.4
		1	24	23.4	23.4	23.4	2	23.4	23.4	23.4	23.4	2	23.4
		12	0	22.2	22.3	22.3	3	22.4	22.2	22.3	22.3	3	22.4
		12	7	22.3	22.4	22.4	3	22.4	22.3	22.4	22.4	3	22.4
		12	13	22.3	22.3	22.4	3	22.4	22.3	22.3	22.4	3	22.4
		25	0	22.3	22.3	22.4	3	22.4	22.3	22.3	22.4	3	22.4
	256QAM	1	0	20.2	20.4	20.4	5	20.4	20.2	20.4	20.4	5	20.4
		1	12	20.4	20.4	20.4	5	20.4	20.4	20.4	20.4	5	20.4
		1	24	20.3	20.4	20.4	5	20.4	20.3	20.4	20.4	5	20.4
		12	0	20.2	20.3	20.3	5	20.4	20.2	20.3	20.3	5	20.4
		12	7	20.3	20.4	20.4	5	20.4	20.3	20.4	20.4	5	20.4
		12	13	20.3	20.3	20.4	5	20.4	20.3	20.3	20.4	5	20.4
		25	0	20.3	20.3	20.4	5	20.4	20.3	20.3	20.4	5	20.4

LTE Band 5 Measured Results (ANT3) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				20415	20525	20635	MPR	Max Output Pwr	20415	20525	20635	MPR	Max Output Pwr
				825.5 MHz	836.5 MHz	847.5 MHz			825.5 MHz	836.5 MHz	847.5 MHz		
3	QPSK	1	0	24.4	25.3	24.4	0	25.4	24.4	25.3	24.4	0	25.4
		1	8	25.3	25.3	25.3	0	25.4	25.3	25.3	25.3	0	25.4
		1	14	25.4	25.4	25.4	0	25.4	25.4	25.4	25.4	0	25.4
		8	0	24.4	24.4	24.4	1	24.4	24.4	24.4	24.4	1	24.4
		8	4	24.4	24.4	24.4	1	24.4	24.4	24.4	24.4	1	24.4
		8	7	24.4	24.4	24.4	1	24.4	24.4	24.4	24.4	1	24.4
		15	0	24.3	24.3	24.3	1	24.4	24.3	24.3	24.3	1	24.4
	16QAM	1	0	24.4	24.4	24.4	1	24.4	24.4	24.4	24.4	1	24.4
		1	8	24.4	24.4	24.4	1	24.4	24.4	24.4	24.4	1	24.4
		1	14	24.4	24.4	24.4	1	24.4	24.4	24.4	24.4	1	24.4
		8	0	23.4	23.4	23.4	2	23.4	23.4	23.4	23.4	2	23.4
		8	4	23.4	23.4	23.4	2	23.4	23.4	23.4	23.4	2	23.4
		8	7	23.4	23.4	23.4	2	23.4	23.4	23.4	23.4	2	23.4
		15	0	23.4	23.3	23.4	2	23.4	23.4	23.3	23.4	2	23.4
	64QAM	1	0	23.4	23.4	23.4	2	23.4	23.4	23.4	23.4	2	23.4
		1	8	23.3	23.4	23.4	2	23.4	23.3	23.4	23.4	2	23.4
		1	14	23.3	23.4	23.4	2	23.4	23.3	23.4	23.4	2	23.4
		8	0	22.1	22.3	22.3	3	22.4	22.1	22.3	22.3	3	22.4
		8	4	22.2	22.4	22.3	3	22.4	22.2	22.4	22.3	3	22.4
		8	7	22.2	22.4	22.4	3	22.4	22.2	22.4	22.4	3	22.4
		15	0	22.2	22.3	22.3	3	22.4	22.2	22.3	22.3	3	22.4
	256QAM	1	0	20.2	20.4	20.4	5	20.4	20.2	20.4	20.4	5	20.4
		1	8	20.4	20.4	20.4	5	20.4	20.4	20.4	20.4	5	20.4
		1	14	20.3	20.4	20.4	5	20.4	20.3	20.4	20.4	5	20.4
		8	0	20.2	20.3	20.3	5	20.4	20.2	20.3	20.3	5	20.4
		8	4	20.3	20.4	20.4	5	20.4	20.3	20.4	20.4	5	20.4
		8	7	20.3	20.4	20.4	5	20.4	20.3	20.4	20.4	5	20.4
		15	0	20.2	20.4	20.3	5	20.4	20.2	20.4	20.3	5	20.4

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				20407	20525	20643	MPR	Max Output Pwr	20407	20525	20643	MPR	Max Output Pwr
				824.7 MHz	836.5 MHz	848.3 MHz			824.7 MHz	836.5 MHz	848.3 MHz		
1.4	QPSK	1	0	24.4	25.3	24.4	0	25.4	24.4	25.3	24.4	0	25.4
		1	3	25.3	25.3	25.3	0	25.4	25.3	25.3	25.3	0	25.4
		1	5	25.3	25.4	25.3	0	25.4	25.3	25.4	25.3	0	25.4
		3	0	25.3	25.3	25.3	0	25.4	25.3	25.3	25.3	0	25.4
		3	1	25.4	25.4	25.3	0	25.4	25.4	25.4	25.3	0	25.4
		3	3	25.4	25.4	25.4	0	25.4	25.4	25.4	25.4	0	25.4
		6	0	24.4	24.4	24.4	1	24.4	24.4	24.4	24.4	1	24.4
	16QAM	1	0	24.4	24.4	24.4	1	24.4	24.4	24.4	24.4	1	24.4
		1	3	24.4	24.4	24.4	1	24.4	24.4	24.4	24.4	1	24.4
		1	5	24.4	24.4	24.4	1	24.4	24.4	24.4	24.4	1	24.4
		3	0	24.4	24.4	24.4	1	24.4	24.4	24.4	24.4	1	24.4
		3	1	24.4	24.4	24.4	1	24.4	24.4	24.4	24.4	1	24.4
		3	3	24.4	24.4	24.4	1	24.4	24.4	24.4	24.4	1	24.4
		6	0	23.4	23.4	23.4	2	23.4	23.4	23.4	23.4	2	23.4
	64QAM	1	0	23.2	23.3	23.4	2	23.4	23.2	23.3	23.4	2	23.4
		1	3	23.4	23.4	23.4	2	23.4	23.4	23.4	23.4	2	23.4
		1	5	23.3	23.4	23.4	2	23.4	23.3	23.4	23.4	2	23.4
		3	0	23.2	23.4	23.4	2	23.4	23.2	23.4	23.4	2	23.4
		3	1	23.2	23.4	23.4	2	23.4	23.2	23.4	23.4	2	23.4
		3	3	23.2	23.4	23.4	2	23.4	23.2	23.4	23.4	2	23.4
		6	0	22.2	22.3	22.4	3	22.4	22.2	22.3	22.4	3	22.4
	256QAM	1	0	20.2	20.4	20.4	5	20.4	20.2	20.4	20.4	5	20.4
		1	3	20.3	20.4	20.4	5	20.4	20.3	20.4	20.4	5	20.4
		1	5	20.3	20.4	20.4	5	20.4	20.3	20.4	20.4	5	20.4
		3	0	20.2	20.4	20.4	5	20.4	20.2	20.4	20.4	5	20.4
		3	1	20.2	20.4	20.4	5	20.4	20.2	20.4	20.4	5	20.4
		3	3	20.2	20.4	20.4	5	20.4	20.2	20.4	20.4	5	20.4
		6	0	20.3	20.2	20.4	5	20.4	20.3	20.2	20.4	5	20.4

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	Max Output Pwr	20850	21100	21350	MPR	Max Output Pwr
				2510 MHz	2535 MHz	2560 MHz			2510 MHz	2535 MHz	2560 MHz		
20	QPSK	1	0	22.7	22.7	22.5	0	23.0	19.6	19.5	19.4	0	20.0
		1	49	22.8	22.8	22.8	0	23.0	19.7	19.7	19.7	0	20.0
		1	99	22.6	22.7	22.5	0	23.0	19.5	19.5	19.5	0	20.0
		50	0	22.9	22.8	22.7	0	23.0	19.6	19.6	19.6	0	20.0
		50	24	22.9	22.9	22.9	0	23.0	19.7	19.7	19.7	0	20.0
		50	50	22.7	22.8	22.7	0	23.0	19.5	19.5	19.6	0	20.0
		100	0	22.6	22.6	22.6	0	23.0	19.6	19.6	19.6	0	20.0
	16QAM	1	0	23.0	23.0	22.9	0	23.0	19.8	19.9	19.9	0	20.0
		1	49	23.0	23.0	22.9	0	23.0	19.8	19.9	20.0	0	20.0
		1	99	22.9	23.0	22.8	0	23.0	19.7	19.8	20.0	0	20.0
		50	0	22.9	22.8	22.8	0	23.0	19.7	19.6	19.6	0	20.0
		50	24	22.8	22.8	22.8	0	23.0	19.6	19.6	19.6	0	20.0
		50	50	22.7	22.8	22.7	0	23.0	19.6	19.6	19.6	0	20.0
		100	0	22.8	22.8	22.7	0	23.0	19.6	19.6	19.6	0	20.0
	64QAM	1	0	22.6	22.4	22.4	0	23.0	19.6	19.5	19.5	0	20.0
		1	49	22.7	22.6	22.5	0	23.0	19.7	19.7	19.6	0	20.0
		1	99	22.6	22.4	22.4	0	23.0	19.7	19.5	19.4	0	20.0
		50	0	22.3	22.1	22.0	0	22.7	19.6	19.5	19.4	0	20.0
		50	24	22.2	22.1	22.1	0	22.7	19.6	19.5	19.4	0	20.0
		50	50	22.2	22.0	22.1	0	22.7	19.5	19.4	19.4	0	20.0
		100	0	22.2	22.1	22.1	0	22.7	19.5	19.5	19.4	0	20.0
	256QAM	1	0	20.4	20.2	20.1	2	20.7	19.7	19.6	19.3	0	20.0
		1	49	20.4	20.2	20.0	2	20.7	19.7	19.6	19.3	0	20.0
		1	99	20.5	20.2	20.1	2	20.7	19.7	19.5	19.3	0	20.0
		50	0	20.3	20.1	20.0	2	20.7	19.6	19.4	19.4	0	20.0
		50	24	20.3	20.1	20.1	2	20.7	19.5	19.5	19.4	0	20.0
		50	50	20.3	20.1	20.1	2	20.7	19.5	19.4	19.4	0	20.0
		100	0	20.2	20.1	20.1	2	20.7	19.5	19.4	19.4	0	20.0

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				20825	21100	21375	MPR	Max Output Pwr	20825	21100	21375	MPR	Max Output Pwr
				2507.5 MHz	2535 MHz	2562.5 MHz			2507.5 MHz	2535 MHz	2562.5 MHz		
15	QPSK	1	0	22.7	22.7	22.6	0	23.0	19.5	19.5	19.3	0	20.0
		1	37	22.7	22.7	22.7	0	23.0	19.4	19.5	19.4	0	20.0
		1	74	22.6	22.6	22.6	0	23.0	19.3	19.4	19.3	0	20.0
		36	0	22.9	22.8	22.7	0	23.0	19.6	19.6	19.5	0	20.0
		36	20	22.8	22.8	22.7	0	23.0	19.5	19.5	19.5	0	20.0
		36	39	22.7	22.8	22.7	0	23.0	19.5	19.5	19.5	0	20.0
		75	0	22.8	22.8	22.8	0	23.0	19.6	19.6	19.5	0	20.0
	16QAM	1	0	23.0	22.9	22.9	0	23.0	20.0	19.9	19.6	0	20.0
		1	37	23.0	23.0	22.9	0	23.0	20.0	19.9	19.6	0	20.0
		1	74	23.0	23.0	22.8	0	23.0	19.9	19.8	19.6	0	20.0
		36	0	22.8	22.7	22.7	0	23.0	19.7	19.6	19.5	0	20.0
		36	20	22.7	22.8	22.7	0	23.0	19.6	19.6	19.5	0	20.0
		36	39	22.7	22.7	22.7	0	23.0	19.6	19.5	19.5	0	20.0
		75	0	22.7	22.8	22.7	0	23.0	19.6	19.6	19.5	0	20.0
	64QAM	1	0	22.5	22.5	22.5	0	23.0	19.6	19.5	19.5	0	20.0
		1	37	22.6	22.5	22.5	0	23.0	19.7	19.5	19.6	0	20.0
		1	74	22.6	22.4	22.5	0	23.0	19.6	19.5	19.5	0	20.0
		36	0	22.2	22.1	22.1	0.3	22.7	19.6	19.4	19.4	0	20.0
		36	20	22.3	22.1	22.1	0.3	22.7	19.6	19.5	19.4	0	20.0
		36	39	22.2	22.0	22.1	0.3	22.7	19.5	19.4	19.4	0	20.0
		75	0	22.3	22.1	22.1	0.3	22.7	19.6	19.5	19.4	0	20.0
	256QAM	1	0	20.2	20.2	20.1	2.3	20.7	19.5	19.5	19.4	0	20.0
		1	37	20.3	20.2	20.2	2.3	20.7	19.6	19.5	19.5	0	20.0
		1	74	20.3	20.2	20.2	2.3	20.7	19.6	19.5	19.4	0	20.0
		36	0	20.3	20.1	20.1	2.3	20.7	19.6	19.4	19.4	0	20.0
		36	20	20.3	20.1	20.1	2.3	20.7	19.6	19.5	19.4	0	20.0
		36	39	20.2	20.1	20.1	2.3	20.7	19.5	19.4	19.4	0	20.0
		75	0	20.3	20.2	20.1	2.3	20.7	19.6	19.4	19.4	0	20.0

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	Max Output Pwr	20800	21100	21400	MPR	Max Output Pwr
				2505 MHz	2535 MHz	2565 MHz			2505 MHz	2535 MHz	2565 MHz		
10	QPSK	1	0	22.9	22.8	22.8	0	23.0	19.8	19.6	19.5	0	20.0
		1	25	22.9	22.8	22.7	0	23.0	19.8	19.6	19.5	0	20.0
		1	49	22.9	22.8	22.7	0	23.0	19.7	19.6	19.5	0	20.0
		25	0	23.0	22.9	22.8	0	23.0	19.8	19.7	19.5	0	20.0
		25	12	23.0	22.9	22.8	0	23.0	19.8	19.7	19.6	0	20.0
		25	25	23.0	22.9	22.8	0	23.0	19.8	19.7	19.5	0	20.0
		50	0	23.0	22.9	22.8	0	23.0	19.8	19.7	19.5	0	20.0
	16QAM	1	0	23.0	23.0	23.0	0	23.0	20.0	20.0	19.8	0	20.0
		1	25	23.0	23.0	23.0	0	23.0	20.0	20.0	19.8	0	20.0
		1	49	23.0	23.0	23.0	0	23.0	20.0	19.9	19.8	0	20.0
		25	0	23.0	22.9	22.8	0	23.0	19.8	19.7	19.5	0	20.0
		25	12	23.0	22.9	22.9	0	23.0	19.8	19.7	19.6	0	20.0
		25	25	23.0	22.9	22.8	0	23.0	19.8	19.7	19.6	0	20.0
		50	0	23.0	22.9	22.8	0	23.0	19.8	19.6	19.5	0	20.0
	64QAM	1	0	22.8	22.7	22.7	0	23.0	20.0	19.7	19.7	0	20.0
		1	25	22.8	22.7	22.7	0	23.0	20.0	19.7	19.8	0	20.0
		1	49	22.8	22.7	22.7	0	23.0	19.9	19.7	19.7	0	20.0
		25	0	22.4	22.3	22.2	0.3	22.7	19.8	19.6	19.6	0	20.0
		25	12	22.3	22.3	22.3	0.3	22.7	19.7	19.7	19.6	0	20.0
		25	25	22.3	22.2	22.2	0.3	22.7	19.7	19.5	19.6	0	20.0
		50	0	22.3	22.3	22.2	0.3	22.7	19.7	19.6	19.5	0	20.0
	256QAM	1	0	20.5	20.4	20.3	2.3	20.7	19.8	19.7	19.6	0	20.0
		1	25	20.5	20.4	20.4	2.3	20.7	19.9	19.8	19.7	0	20.0
		1	49	20.5	20.3	20.3	2.3	20.7	19.8	19.7	19.6	0	20.0
		25	0	20.3	20.2	20.2	2.3	20.7	19.7	19.6	19.5	0	20.0
		25	12	20.3	20.3	20.2	2.3	20.7	19.7	19.7	19.6	0	20.0
		25	25	20.3	20.2	20.3	2.3	20.7	19.7	19.6	19.6	0	20.0
		50	0	20.3	20.3	20.2	2.3	20.7	19.7	19.6	19.5	0	20.0

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				20775	21100	21425	MPR	Max Output Pwr	20775	21100	21425	MPR	Max Output Pwr
				2502.5 MHz	2535 MHz	2567.5 MHz			2502.5 MHz	2535 MHz	2567.5 MHz		
5	QPSK	1	0	22.8	22.8	22.8	0	23.0	19.5	19.5	19.6	0	20.0
		1	12	22.9	22.8	22.9	0	23.0	19.5	19.5	19.6	0	20.0
		1	24	22.8	22.8	22.8	0	23.0	19.4	19.5	19.5	0	20.0
		12	0	22.9	22.8	22.8	0	23.0	19.5	19.5	19.6	0	20.0
		12	7	22.9	22.9	22.8	0	23.0	19.5	19.5	19.7	0	20.0
		12	13	22.9	22.9	22.8	0	23.0	19.5	19.5	19.6	0	20.0
		25	0	22.9	22.8	22.8	0	23.0	19.5	19.5	19.6	0	20.0
	16QAM	1	0	23.0	23.0	23.0	0	23.0	19.9	19.8	19.9	0	20.0
		1	12	23.0	23.0	23.0	0	23.0	19.9	19.8	20.0	0	20.0
		1	24	23.0	23.0	23.0	0	23.0	19.9	19.9	19.9	0	20.0
		12	0	23.0	22.9	22.8	0	23.0	19.6	19.5	19.7	0	20.0
		12	7	23.0	22.9	22.8	0	23.0	19.6	19.6	19.8	0	20.0
		12	13	23.0	22.9	22.8	0	23.0	19.6	19.5	19.7	0	20.0
		25	0	23.0	22.9	22.8	0	23.0	19.6	19.6	19.7	0	20.0
	64QAM	1	0	22.4	22.5	22.6	0	23.0	19.9	19.8	19.6	0	20.0
		1	12	22.5	22.6	22.8	0	23.0	20.0	19.8	19.7	0	20.0
		1	24	22.6	22.6	22.7	0	23.0	20.0	19.8	19.7	0	20.0
		12	0	22.4	22.4	22.5	0.3	22.7	19.8	19.6	19.6	0	20.0
		12	7	22.4	22.4	22.5	0.3	22.7	19.8	19.7	19.6	0	20.0
		12	13	22.4	22.4	22.6	0.3	22.7	19.8	19.6	19.6	0	20.0
		25	0	22.1	22.1	22.2	0.3	22.7	19.8	19.6	19.6	0	20.0
	256QAM	1	0	20.3	20.3	20.3	2.3	20.7	19.9	19.8	19.6	0	20.0
		1	12	20.4	20.3	20.4	2.3	20.7	20.0	19.8	19.7	0	20.0
		1	24	20.4	20.4	20.3	2.3	20.7	19.9	19.8	19.7	0	20.0
		12	0	20.2	20.1	20.2	2.3	20.7	19.8	19.6	19.6	0	20.0
		12	7	20.2	20.1	20.2	2.3	20.7	19.8	19.7	19.6	0	20.0
		12	13	20.2	20.1	20.2	2.3	20.7	19.8	19.7	19.6	0	20.0
		25	0	20.1	20.1	20.2	2.3	20.7	19.8	19.6	19.5	0	20.0

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	Max Output Pwr	20850	21100	21350	MPR	Max Output Pwr
				2510 MHz	2535 MHz	2560 MHz			2510 MHz	2535 MHz	2560 MHz		
20	QPSK	1	0	15.9	16.0	16.1	0	17.0	18.1	18.1	18.1	0	19.0
		1	49	16.2	16.1	16.1	0	17.0	18.1	18.1	18.2	0	19.0
		1	99	15.9	16.0	16.1	0	17.0	18.0	18.1	18.2	0	19.0
		50	0	16.1	16.2	16.1	0	17.0	18.2	18.2	18.2	0	19.0
		50	24	16.2	16.2	16.1	0	17.0	18.2	18.1	18.2	0	19.0
		50	50	16.0	16.1	16.1	0	17.0	18.1	18.2	18.3	0	19.0
		100	0	16.0	16.2	16.2	0	17.0	18.2	18.1	18.2	0	19.0
	16QAM	1	0	16.2	16.2	16.2	0	17.0	18.3	18.4	18.4	0	19.0
		1	49	16.2	16.2	16.2	0	17.0	18.4	18.4	18.4	0	19.0
		1	99	16.1	16.2	16.2	0	17.0	18.2	18.4	18.4	0	19.0
		50	0	16.1	16.1	16.1	0	17.0	18.3	18.2	18.3	0	19.0
		50	24	16.0	16.0	16.2	0	17.0	18.2	18.2	18.3	0	19.0
		50	50	16.0	16.1	16.2	0	17.0	18.1	18.2	18.4	0	19.0
		100	0	16.0	16.0	16.2	0	17.0	18.2	18.2	18.3	0	19.0
	64QAM	1	0	15.9	15.9	15.9	0	17.0	18.2	18.1	18.1	0	19.0
		1	49	16.0	16.0	16.1	0	17.0	18.2	18.3	18.2	0	19.0
		1	99	15.9	16.1	16.1	0	17.0	18.1	18.2	18.3	0	19.0
		50	0	15.9	15.8	15.9	0	17.0	18.1	18.0	18.0	0	19.0
		50	24	15.9	15.8	16.0	0	17.0	18.0	18.0	18.1	0	19.0
		50	50	15.9	15.8	16.0	0	17.0	18.0	18.1	18.2	0	19.0
		100	0	15.9	15.8	16.0	0	17.0	18.0	18.0	18.1	0	19.0
	256QAM	1	0	16.0	16.0	15.8	0	17.0	18.0	17.8	17.7	0.3	18.7
		1	49	16.0	15.9	16.0	0	17.0	17.9	17.9	17.8	0.3	18.7
		1	99	16.1	16.2	16.1	0	17.0	18.0	18.0	18.0	0.3	18.7
		50	0	15.9	15.8	15.9	0	17.0	17.8	17.7	17.7	0.3	18.7
		50	24	15.9	15.9	16.0	0	17.0	17.8	17.8	17.9	0.3	18.7
		50	50	15.9	15.9	16.1	0	17.0	17.8	17.8	17.9	0.3	18.7
		100	0	15.9	15.8	16.0	0	17.0	17.8	17.8	17.9	0.3	18.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				20825	21100	21375	MPR	Max Output Pwr	20825	21100	21375	MPR	Max Output Pwr
				2507.5 MHz	2535 MHz	2562.5 MHz			2507.5 MHz	2535 MHz	2562.5 MHz		
15	QPSK	1	0	16.0	16.1	16.1	0	17.0	18.1	18.1	18.1	0	19.0
		1	37	16.0	16.1	16.1	0	17.0	18.1	18.1	18.1	0	19.0
		1	74	15.9	16.0	16.1	0	17.0	18.0	18.0	18.1	0	19.0
		36	0	16.1	16.2	16.2	0	17.0	18.2	18.2	18.2	0	19.0
		36	20	16.1	16.2	16.2	0	17.0	18.3	18.2	18.2	0	19.0
		36	39	16.0	16.2	16.2	0	17.0	18.2	18.2	18.4	0	19.0
		75	0	16.1	16.2	16.2	0	17.0	18.2	18.2	18.3	0	19.0
	16QAM	1	0	16.2	16.2	16.2	0	17.0	18.4	18.4	18.4	0	19.0
		1	37	16.2	16.2	16.2	0	17.0	18.4	18.4	18.4	0	19.0
		1	74	16.2	16.2	16.2	0	17.0	18.4	18.4	18.4	0	19.0
		36	0	16.1	16.0	16.1	0	17.0	18.2	18.2	18.2	0	19.0
		36	20	16.1	16.1	16.1	0	17.0	18.3	18.2	18.3	0	19.0
		36	39	16.0	16.0	16.2	0	17.0	18.2	18.2	18.4	0	19.0
		75	0	16.0	16.1	16.1	0	17.0	18.2	18.2	18.3	0	19.0
	64QAM	1	0	16.1	15.9	15.9	0	17.0	18.1	18.1	18.2	0	19.0
		1	37	16.1	15.9	16.1	0	17.0	18.1	18.2	18.3	0	19.0
		1	74	16.0	15.9	16.1	0	17.0	18.1	18.1	18.2	0	19.0
		36	0	15.9	15.8	15.9	0	17.0	18.1	18.0	18.0	0	19.0
		36	20	15.9	15.8	16.0	0	17.0	18.1	18.0	18.1	0	19.0
		36	39	15.9	15.8	16.1	0	17.0	18.0	18.0	18.2	0	19.0
		75	0	15.9	15.8	16.0	0	17.0	18.1	18.0	18.1	0	19.0
	256QAM	1	0	15.9	15.9	16.0	0	17.0	17.7	17.8	17.8	0.3	18.7
		1	37	16.0	16.0	16.1	0	17.0	17.8	17.8	18.0	0.3	18.7
		1	74	16.0	16.1	16.2	0	17.0	17.8	17.9	18.1	0.3	18.7
		36	0	15.9	15.8	15.9	0	17.0	17.8	17.7	17.8	0.3	18.7
		36	20	15.9	15.8	15.9	0	17.0	17.8	17.8	17.8	0.3	18.7
		36	39	15.9	15.9	16.1	0	17.0	17.8	17.8	17.9	0.3	18.7
		75	0	15.9	15.9	16.0	0	17.0	17.8	17.7	17.8	0.3	18.7

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	Max Output Pwr	20800	21100	21400	MPR	Max Output Pwr
				2505 MHz	2535 MHz	2565 MHz			2505 MHz	2535 MHz	2565 MHz		
10	QPSK	1	0	16.2	16.2	16.2	0	17.0	18.3	18.3	18.4	0	19.0
		1	25	16.2	16.2	16.2	0	17.0	18.4	18.3	18.4	0	19.0
		1	49	16.2	16.2	16.2	0	17.0	18.3	18.3	18.4	0	19.0
		25	0	16.2	16.2	16.2	0	17.0	18.4	18.3	18.4	0	19.0
		25	12	16.2	16.2	16.2	0	17.0	18.4	18.3	18.4	0	19.0
		25	25	16.2	16.2	16.2	0	17.0	18.4	18.3	18.4	0	19.0
		50	0	16.2	16.2	16.2	0	17.0	18.4	18.3	18.4	0	19.0
	16QAM	1	0	16.2	16.2	16.2	0	17.0	18.4	18.4	18.4	0	19.0
		1	25	16.2	16.2	16.2	0	17.0	18.4	18.4	18.4	0	19.0
		1	49	16.2	16.2	16.2	0	17.0	18.4	18.4	18.4	0	19.0
		25	0	16.2	16.2	16.2	0	17.0	18.4	18.3	18.4	0	19.0
		25	12	16.2	16.2	16.2	0	17.0	18.4	18.3	18.4	0	19.0
		25	25	16.2	16.2	16.2	0	17.0	18.4	18.3	18.4	0	19.0
		50	0	16.2	16.2	16.2	0	17.0	18.3	18.3	18.4	0	19.0
	64QAM	1	0	16.2	16.1	16.2	0	17.0	18.4	18.3	18.3	0	19.0
		1	25	16.2	16.1	16.2	0	17.0	18.4	18.3	18.4	0	19.0
		1	49	16.2	16.1	16.2	0	17.0	18.4	18.3	18.4	0	19.0
		25	0	16.1	16.0	16.1	0	17.0	18.3	18.2	18.2	0	19.0
		25	12	16.1	16.0	16.2	0	17.0	18.2	18.2	18.4	0	19.0
		25	25	16.1	16.0	16.2	0	17.0	18.2	18.2	18.4	0	19.0
		50	0	16.0	16.0	16.2	0	17.0	18.2	18.2	18.3	0	19.0
	256QAM	1	0	16.1	16.1	16.2	0	17.0	18.0	17.9	18.0	0.3	18.7
		1	25	16.2	16.1	16.2	0	17.0	18.1	18.0	18.1	0.3	18.7
		1	49	16.1	16.1	16.2	0	17.0	18.0	18.0	18.1	0.3	18.7
		25	0	16.1	15.9	16.0	0	17.0	17.9	17.8	17.9	0.3	18.7
		25	12	16.0	16.0	16.2	0	17.0	17.9	17.9	18.0	0.3	18.7
		25	25	16.0	16.0	16.2	0	17.0	17.9	17.9	18.0	0.3	18.7
		50	0	16.0	16.0	16.2	0	17.0	17.9	17.9	18.0	0.3	18.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				20775	21100	21425	MPR	Max Output Pwr	20775	21100	21425	MPR	Max Output Pwr
				2502.5 MHz	2535 MHz	2567.5 MHz			2502.5 MHz	2535 MHz	2567.5 MHz		
5	QPSK	1	0	16.2	16.2	16.2	0	17.0	18.3	18.3	18.4	0	19.0
		1	12	16.2	16.2	16.2	0	17.0	18.3	18.3	18.4	0	19.0
		1	24	16.2	16.2	16.2	0	17.0	18.3	18.2	18.4	0	19.0
		12	0	16.2	16.2	16.2	0	17.0	18.4	18.3	18.4	0	19.0
		12	7	16.2	16.2	16.2	0	17.0	18.4	18.3	18.4	0	19.0
		12	13	16.2	16.2	16.2	0	17.0	18.4	18.3	18.4	0	19.0
		25	0	16.2	16.2	16.2	0	17.0	18.4	18.3	18.4	0	19.0
	16QAM	1	0	16.2	16.2	16.2	0	17.0	18.4	18.4	18.4	0	19.0
		1	12	16.2	16.2	16.2	0	17.0	18.4	18.4	18.4	0	19.0
		1	24	16.2	16.2	16.2	0	17.0	18.4	18.4	18.4	0	19.0
		12	0	16.2	16.2	16.2	0	17.0	18.4	18.3	18.4	0	19.0
		12	7	16.2	16.2	16.2	0	17.0	18.4	18.4	18.4	0	19.0
		12	13	16.2	16.2	16.2	0	17.0	18.4	18.3	18.4	0	19.0
		25	0	16.2	16.2	16.2	0	17.0	18.4	18.3	18.4	0	19.0
	64QAM	1	0	16.2	16.1	16.2	0	17.0	18.4	18.1	18.4	0	19.0
		1	12	16.2	16.2	16.2	0	17.0	18.4	18.1	18.4	0	19.0
		1	24	16.2	16.2	16.2	0	17.0	18.4	18.1	18.4	0	19.0
		12	0	16.1	16.0	16.1	0	17.0	18.3	18.1	18.3	0	19.0
		12	7	16.1	16.0	16.2	0	17.0	18.3	18.2	18.3	0	19.0
		12	13	16.1	16.0	16.1	0	17.0	18.3	18.1	18.3	0	19.0
		25	0	16.1	16.0	16.1	0	17.0	18.3	18.1	18.3	0	19.0
	256QAM	1	0	16.2	16.0	16.1	0	17.0	18.0	17.9	18.1	0.3	18.7
		1	12	16.2	16.1	16.2	0	17.0	18.1	18.0	18.1	0.3	18.7
		1	24	16.2	16.1	16.2	0	17.0	18.1	17.9	18.1	0.3	18.7
		12	0	16.0	16.0	16.1	0	17.0	18.0	17.8	17.9	0.3	18.7
		12	7	16.1	16.0	16.2	0	17.0	18.0	17.8	18.0	0.3	18.7
		12	13	16.1	16.0	16.1	0	17.0	18.0	17.8	18.0	0.3	18.7
		25	0	16.0	15.9	16.1	0	17.0	18.0	17.8	17.9	0.3	18.7

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	Max Output Pwr	20850	21100	21350	MPR	Max Output Pwr
				2510 MHz	2535 MHz	2560 MHz			2510 MHz	2535 MHz	2560 MHz		
20	QPSK	1	0	19.5	19.7	19.7	0	20.2	17.9	18.3	18.1	0	19.2
		1	49	19.6	19.7	19.7	0	20.2	18.1	18.3	18.1	0	19.2
		1	99	19.6	19.7	19.7	0	20.2	18.1	18.3	18.1	0	19.2
		50	0	19.7	19.8	19.8	0	20.2	18.1	18.3	18.2	0	19.2
		50	24	19.8	19.8	19.9	0	20.2	18.2	18.3	18.2	0	19.2
		50	50	19.8	19.8	19.8	0	20.2	18.2	18.3	18.2	0	19.2
		100	0	19.7	19.8	19.8	0	20.2	18.2	18.2	18.2	0	19.2
	16QAM	1	0	19.8	20.1	20.1	0	20.2	18.2	18.5	18.5	0	19.2
		1	49	20.0	20.2	20.2	0	20.2	18.4	18.5	18.5	0	19.2
		1	99	19.9	20.0	20.0	0	20.2	18.4	18.5	18.5	0	19.2
		50	0	19.7	19.8	19.7	0	20.2	18.1	18.3	18.2	0	19.2
		50	24	19.8	19.8	19.8	0	20.2	18.3	18.2	18.3	0	19.2
		50	50	19.8	19.8	19.8	0	20.2	18.2	18.3	18.2	0	19.2
		100	0	19.8	19.8	19.8	0	20.2	18.2	18.2	18.2	0	19.2
	64QAM	1	0	20.1	20.1	20.2	0	20.2	19.1	19.2	18.7	0	19.2
		1	49	20.2	20.1	20.2	0	20.2	18.9	19.2	18.9	0	19.2
		1	99	20.2	20.2	20.2	0	20.2	18.8	18.7	18.8	0	19.2
		50	0	20.0	20.0	20.2	0	20.2	19.0	18.9	19.2	0	19.2
		50	24	20.2	20.1	20.2	0	20.2	19.2	19.0	19.2	0	19.2
		50	50	20.1	20.1	20.2	0	20.2	19.2	19.1	18.7	0	19.2
		100	0	20.2	20.1	20.2	0	20.2	19.2	19.1	19.2	0	19.2
	256QAM	1	0	20.0	19.9	20.0	0	20.0	19.1	19.0	19.1	0	19.2
		1	49	19.6	20.0	19.6	0	20.0	19.2	19.1	19.2	0	19.2
		1	99	19.7	19.7	19.9	0	20.0	18.8	18.8	19.0	0	19.2
		50	0	19.9	19.8	19.5	0	20.0	19.0	18.9	19.2	0	19.2
		50	24	20.0	19.9	19.6	0	20.0	19.1	19.0	18.7	0	19.2
		50	50	19.5	19.9	19.7	0	20.0	19.2	19.0	18.8	0	19.2
		100	0	20.0	19.9	19.6	0	20.0	19.1	19.0	19.2	0	19.2

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				20825	21100	21375	MPR	Max Output Pwr	20825	21100	21375	MPR	Max Output Pwr
				2507.5 MHz	2535 MHz	2562.5 MHz			2507.5 MHz	2535 MHz	2562.5 MHz		
15	QPSK	1	0	19.6	19.7	19.7	0	20.2	18.0	18.2	18.3	0	19.2
		1	37	19.7	19.7	19.7	0	20.2	18.1	18.3	18.2	0	19.2
		1	74	19.6	19.7	19.7	0	20.2	18.1	18.2	18.2	0	19.2
		36	0	19.7	19.8	19.8	0	20.2	18.1	18.3	18.3	0	19.2
		36	20	19.8	19.8	19.8	0	20.2	18.2	18.3	18.4	0	19.2
		36	39	19.8	19.8	19.9	0	20.2	18.2	18.4	18.4	0	19.2
		75	0	19.8	19.8	19.8	0	20.2	18.2	18.3	18.4	0	19.2
	16QAM	1	0	19.9	20.1	20.0	0	20.2	18.4	18.5	18.5	0	19.2
		1	37	20.2	20.2	20.0	0	20.2	18.5	18.5	18.5	0	19.2
		1	74	20.0	20.1	20.0	0	20.2	18.4	18.5	18.5	0	19.2
		36	0	19.7	19.7	19.8	0	20.2	18.1	18.3	18.4	0	19.2
		36	20	19.8	19.8	19.8	0	20.2	18.2	18.3	18.3	0	19.2
		36	39	19.8	19.8	19.9	0	20.2	18.2	18.3	18.4	0	19.2
		75	0	19.8	19.8	19.8	0	20.2	18.2	18.3	18.4	0	19.2
	64QAM	1	0	20.1	20.1	20.1	0	20.2	19.0	19.2	19.2	0	19.2
		1	37	20.1	20.1	20.1	0	20.2	19.2	19.2	18.9	0	19.2
		1	74	20.1	20.2	20.1	0	20.2	19.2	19.2	18.9	0	19.2
		36	0	20.1	20.0	20.1	0	20.2	19.0	19.0	19.2	0	19.2
		36	20	20.2	20.1	20.1	0	20.2	19.1	19.0	19.2	0	19.2
		36	39	20.2	20.1	20.1	0	20.2	19.1	19.0	18.7	0	19.2
		75	0	20.2	20.1	20.1	0	20.2	19.1	19.0	18.7	0	19.2
	256QAM	1	0	19.8	19.9	20.0	0.2	20.0	18.9	19.0	18.7	0	19.2
		1	37	19.9	20.0	19.7	0.2	20.0	19.0	19.1	18.7	0	19.2
		1	74	19.5	19.6	19.8	0.2	20.0	19.2	19.2	18.9	0	19.2
		36	0	19.9	19.8	19.6	0.2	20.0	19.0	18.9	18.7	0	19.2
		36	20	20.0	19.9	19.6	0.2	20.0	19.1	19.0	18.7	0	19.2
		36	39	19.5	19.9	19.7	0.2	20.0	19.1	19.0	18.8	0	19.2
		75	0	20.0	19.9	19.6	0.2	20.0	19.1	19.0	19.2	0	19.2

LTE Band 7 Measured Results (ANT3) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				20800	21100	21400	MPR	Max Output Pwr	20800	21100	21400	MPR	Max Output Pwr
				2505 MHz	2535 MHz	2565 MHz			2505 MHz	2535 MHz	2565 MHz		
10	QPSK	1	0	19.7	19.9	19.9	0	20.2	18.2	18.4	18.5	0	19.2
		1	25	19.8	19.9	20.0	0	20.2	18.3	18.4	18.5	0	19.2
		1	49	19.8	19.9	19.9	0	20.2	18.3	18.4	18.5	0	19.2
		25	0	19.8	19.9	19.9	0	20.2	18.3	18.4	18.5	0	19.2
		25	12	19.9	19.9	20.0	0	20.2	18.3	18.4	18.5	0	19.2
		25	25	19.9	20.0	20.0	0	20.2	18.3	18.5	18.5	0	19.2
		50	0	19.8	19.9	20.0	0	20.2	18.3	18.4	18.5	0	19.2
	16QAM	1	0	20.0	20.2	20.2	0	20.2	18.4	18.5	18.5	0	19.2
		1	25	20.1	20.2	20.2	0	20.2	18.4	18.5	18.5	0	19.2
		1	49	20.1	20.2	20.2	0	20.2	18.5	18.5	18.5	0	19.2
		25	0	19.9	20.0	20.0	0	20.2	18.4	18.5	18.5	0	19.2
		25	12	19.9	20.0	20.1	0	20.2	18.4	18.5	18.5	0	19.2
		25	25	19.9	20.0	20.1	0	20.2	18.4	18.5	18.5	0	19.2
		50	0	19.9	19.9	20.0	0	20.2	18.3	18.4	18.5	0	19.2
	64QAM	1	0	20.1	20.1	20.1	0	20.2	18.7	19.2	18.9	0	19.2
		1	25	20.1	20.1	20.1	0	20.2	18.8	18.7	19.0	0	19.2
		1	49	20.1	20.1	20.1	0	20.2	18.8	18.7	19.0	0	19.2
		25	0	20.1	20.2	20.1	0	20.2	19.2	19.1	18.8	0	19.2
		25	12	20.1	20.1	20.1	0	20.2	19.2	19.2	18.8	0	19.2
		25	25	20.1	20.1	20.1	0	20.2	19.2	19.2	18.9	0	19.2
		50	0	20.1	20.2	20.1	0	20.2	19.2	19.2	18.8	0	19.2
	256QAM	1	0	19.6	20.0	19.8	0.2	20.0	19.2	19.2	18.9	0	19.2
		1	25	19.8	19.7	20.0	0.2	20.0	18.7	18.7	19.1	0	19.2
		1	49	19.8	19.6	20.0	0.2	20.0	18.7	18.7	19.1	0	19.2
		25	0	19.5	19.9	19.7	0.2	20.0	19.2	19.1	18.8	0	19.2
		25	12	19.6	19.5	19.8	0.2	20.0	19.2	19.2	18.8	0	19.2
		25	25	19.6	19.5	19.9	0.2	20.0	19.2	19.2	18.9	0	19.2
		50	0	19.6	20.0	19.7	0.2	20.0	19.2	19.2	18.8	0	19.2

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				20775	21100	21425	MPR	Max Output Pwr	20775	21100	21425	MPR	Max Output Pwr
				2502.5 MHz	2535 MHz	2567.5 MHz			2502.5 MHz	2535 MHz	2567.5 MHz		
5	QPSK	1	0	19.6	19.8	19.9	0	20.2	18.3	18.5	18.4	0	19.2
		1	12	19.8	19.9	20.0	0	20.2	18.3	18.5	18.4	0	19.2
		1	24	19.7	19.8	19.9	0	20.2	18.2	18.5	18.4	0	19.2
		12	0	19.7	19.8	19.8	0	20.2	18.3	18.5	18.4	0	19.2
		12	7	19.8	19.8	19.9	0	20.2	18.3	18.5	18.4	0	19.2
		12	13	19.8	19.9	19.9	0	20.2	18.3	18.5	18.5	0	19.2
		25	0	19.8	19.8	19.8	0	20.2	18.3	18.4	18.4	0	19.2
	16QAM	1	0	20.0	20.2	20.2	0	20.2	18.5	18.5	18.5	0	19.2
		1	12	20.2	20.2	20.2	0	20.2	18.5	18.5	18.5	0	19.2
		1	24	20.1	20.2	20.2	0	20.2	18.5	18.5	18.5	0	19.2
		12	0	19.9	19.8	19.9	0	20.2	18.3	18.5	18.5	0	19.2
		12	7	19.9	19.8	19.9	0	20.2	18.4	18.5	18.5	0	19.2
		12	13	19.9	19.9	20.0	0	20.2	18.4	18.5	18.5	0	19.2
		25	0	19.8	19.8	19.9	0	20.2	18.3	18.5	18.4	0	19.2
	64QAM	1	0	20.1	20.1	20.1	0	20.2	18.7	18.9	19.0	0	19.2
		1	12	20.1	20.1	20.1	0	20.2	18.8	18.9	19.1	0	19.2
		1	24	20.1	20.1	20.1	0	20.2	18.8	18.9	19.1	0	19.2
		12	0	20.1	20.2	20.1	0	20.2	19.2	19.1	18.8	0	19.2
		12	7	20.1	20.1	20.1	0	20.2	19.2	19.2	18.9	0	19.2
		12	13	20.1	20.1	20.1	0	20.2	19.2	19.2	18.9	0	19.2
		25	0	20.1	20.1	20.1	0	20.2	19.2	19.2	18.8	0	19.2
	256QAM	1	0	19.6	19.6	19.8	0.2	20.0	19.2	19.2	18.9	0	19.2
		1	12	19.8	19.8	20.0	0.2	20.0	18.8	18.7	19.1	0	19.2
		1	24	19.7	19.7	19.9	0.2	20.0	18.7	18.7	19.0	0	19.2
		12	0	19.5	19.9	19.7	0.2	20.0	19.2	19.1	18.8	0	19.2
		12	7	19.6	19.5	19.8	0.2	20.0	18.7	19.2	18.9	0	19.2
		12	13	19.6	19.5	19.9	0.2	20.0	19.2	19.2	19.0	0	19.2
		25	0	19.5	19.5	19.8	0.2	20.0	19.2	19.2	18.8	0	19.2

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	Max Output Pwr	20850	21100	21350	MPR	Max Output Pwr
				2510 MHz	2535 MHz	2560 MHz			2510 MHz	2535 MHz	2560 MHz		
20	QPSK	1	0	18.7	18.6	18.8	0	19.2	17.5	17.3	17.4	0	18.2
		1	49	18.8	18.6	18.8	0	19.2	17.5	17.3	17.4	0	18.2
		1	99	18.8	18.6	18.8	0	19.2	17.5	17.3	17.4	0	18.2
		50	0	18.7	18.6	18.7	0	19.2	17.5	17.4	17.5	0	18.2
		50	24	18.7	18.6	18.7	0	19.2	17.5	17.4	17.5	0	18.2
		50	50	18.7	18.6	18.7	0	19.2	17.5	17.4	17.5	0	18.2
		100	0	18.7	18.7	18.7	0	19.2	17.4	17.4	17.4	0	18.2
	16QAM	1	0	19.1	19.1	19.1	0	19.2	17.8	17.9	17.9	0	18.2
		1	49	19.1	19.1	19.1	0	19.2	17.9	17.9	17.9	0	18.2
		1	99	19.1	19.0	19.1	0	19.2	17.9	17.9	17.9	0	18.2
		50	0	19.0	18.9	18.9	0	19.2	17.8	17.8	17.7	0	18.2
		50	24	19.0	18.9	19.0	0	19.2	17.8	17.7	17.8	0	18.2
		50	50	19.1	18.9	19.0	0	19.2	17.9	17.7	17.8	0	18.2
		100	0	19.0	18.9	19.0	0	19.2	17.8	17.7	17.8	0	18.2
	64QAM	1	0	18.5	19.0	18.7	0	19.2	17.4	17.4	17.5	0	18.2
		1	49	18.8	19.0	18.7	0	19.2	17.7	17.6	17.6	0	18.2
		1	99	18.8	18.8	18.5	0	19.2	17.6	17.5	17.6	0	18.2
		50	0	18.7	18.8	18.6	0	19.2	17.5	17.4	17.4	0	18.2
		50	24	18.7	18.8	18.6	0	19.2	17.5	17.5	17.5	0	18.2
		50	50	18.7	18.8	18.5	0	19.2	17.5	17.4	17.4	0	18.2
		100	0	18.7	18.8	18.6	0	19.2	17.5	17.4	17.5	0	18.2
	256QAM	1	0	17.2	17.4	17.2	2	17.7	16.9	17.1	16.9	0.5	17.7
		1	49	17.4	17.6	17.0	2	17.7	17.2	17.0	16.9	0.5	17.7
		1	99	17.5	17.5	16.9	2	17.7	17.2	17.2	17.0	0.5	17.7
		50	0	17.2	17.4	17.1	2	17.7	16.9	16.9	16.9	0.5	17.7
		50	24	17.2	17.3	17.1	2	17.7	17.0	16.9	17.0	0.5	17.7
		50	50	17.3	17.3	17.0	2	17.7	17.0	16.9	16.9	0.5	17.7
		100	0	17.2	17.3	17.1	2	17.7	16.9	17.0	16.9	0.5	17.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				20825	21100	21375	MPR	Max Output Pwr	20825	21100	21375	MPR	Max Output Pwr
				2507.5 MHz	2535 MHz	2562.5 MHz			2507.5 MHz	2535 MHz	2562.5 MHz		
15	QPSK	1	0	18.8	19.0	18.9	0	19.2	17.5	17.7	17.6	0	18.2
		1	37	19.0	18.9	18.9	0	19.2	17.7	17.6	17.6	0	18.2
		1	74	19.0	18.8	18.9	0	19.2	17.6	17.5	17.6	0	18.2
		36	0	19.1	19.0	19.0	0	19.2	17.8	17.7	17.7	0	18.2
		36	20	19.2	19.0	19.0	0	19.2	17.9	17.7	17.7	0	18.2
		36	39	19.1	19.0	19.1	0	19.2	17.8	17.7	17.8	0	18.2
		75	0	19.1	19.0	19.1	0	19.2	17.8	17.7	17.8	0	18.2
	16QAM	1	0	19.1	19.2	19.1	0	19.2	17.9	17.9	17.9	0	18.2
		1	37	19.2	19.2	19.2	0	19.2	17.9	17.9	17.9	0	18.2
		1	74	19.2	19.2	19.2	0	19.2	17.9	17.9	17.9	0	18.2
		36	0	19.1	19.0	19.0	0	19.2	17.8	17.7	17.7	0	18.2
		36	20	19.2	19.0	19.0	0	19.2	17.9	17.7	17.8	0	18.2
		36	39	19.2	19.0	19.1	0	19.2	17.8	17.7	17.8	0	18.2
		75	0	19.1	19.0	19.1	0	19.2	17.8	17.7	17.8	0	18.2
	64QAM	1	0	18.7	19.0	18.8	0	19.2	17.4	17.5	17.5	0	18.2
		1	37	18.9	19.0	18.8	0	19.2	17.6	17.6	17.6	0	18.2
		1	74	18.9	18.9	18.6	0	19.2	17.6	17.6	17.5	0	18.2
		36	0	18.8	19.0	18.7	0	19.2	17.5	17.5	17.5	0	18.2
		36	20	18.8	18.9	18.7	0	19.2	17.6	17.5	17.5	0	18.2
		36	39	18.9	18.9	18.6	0	19.2	17.5	17.4	17.5	0	18.2
		75	0	18.8	18.9	18.7	0	19.2	17.4	17.5	17.5	0	18.2
	256QAM	1	0	17.3	17.5	17.2	1.5	17.7	16.8	17.0	17.0	0.5	17.7
		1	37	17.5	17.6	17.2	1.5	17.7	17.0	17.0	17.1	0.5	17.7
		1	74	17.6	17.6	17.2	1.5	17.7	17.1	17.0	17.1	0.5	17.7
		36	0	17.3	17.5	17.1	1.5	17.7	16.9	16.9	16.9	0.5	17.7
		36	20	17.3	17.4	17.1	1.5	17.7	17.0	17.0	17.0	0.5	17.7
		36	39	17.4	17.4	17.0	1.5	17.7	17.0	16.9	17.0	0.5	17.7
		75	0	17.3	17.4	17.1	1.5	17.7	17.0	17.0	16.9	0.5	17.7

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	Max Output Pwr	20800	21100	21400	MPR	Max Output Pwr
				2505 MHz	2535 MHz	2565 MHz			2505 MHz	2535 MHz	2565 MHz		
10	QPSK	1	0	19.0	19.1	19.1	0	19.2	17.7	17.8	17.8	0	18.2
		1	25	19.1	19.0	19.2	0	19.2	17.9	17.7	17.9	0	18.2
		1	49	19.2	19.0	19.1	0	19.2	17.9	17.7	17.9	0	18.2
		25	0	19.2	19.1	19.1	0	19.2	17.9	17.9	17.9	0	18.2
		25	12	19.2	19.1	19.2	0	19.2	17.9	17.9	17.9	0	18.2
		25	25	19.2	19.1	19.2	0	19.2	17.9	17.9	17.9	0	18.2
		50	0	19.2	19.1	19.2	0	19.2	17.9	17.8	17.9	0	18.2
	16QAM	1	0	19.2	19.2	19.2	0	19.2	17.9	17.9	17.9	0	18.2
		1	25	19.2	19.2	19.2	0	19.2	17.9	17.9	17.9	0	18.2
		1	49	19.2	19.2	19.2	0	19.2	17.9	17.9	17.9	0	18.2
		25	0	19.2	19.2	19.2	0	19.2	17.9	17.9	17.9	0	18.2
		25	12	19.2	19.2	19.2	0	19.2	17.9	17.9	17.9	0	18.2
		25	25	19.2	19.2	19.2	0	19.2	17.9	17.9	17.9	0	18.2
		50	0	19.2	19.1	19.2	0	19.2	17.9	17.8	17.9	0	18.2
	64QAM	1	0	19.0	19.2	19.2	0	19.2	17.7	17.8	17.8	0	18.2
		1	25	19.1	19.2	19.2	0	19.2	17.9	17.8	17.9	0	18.2
		1	49	19.2	19.2	19.2	0	19.2	17.9	17.8	17.8	0	18.2
		25	0	18.9	19.1	19.1	0	19.2	17.6	17.6	17.7	0	18.2
		25	12	18.9	19.0	19.0	0	19.2	17.6	17.7	17.7	0	18.2
		25	25	18.9	19.0	19.0	0	19.2	17.7	17.6	17.6	0	18.2
		50	0	18.8	19.0	19.0	0	19.2	17.6	17.6	17.6	0	18.2
	256QAM	1	0	17.3	17.6	17.6	1.5	17.7	17.2	17.2	17.2	0.5	17.7
		1	25	17.6	17.7	17.7	1.5	17.7	17.4	17.3	17.2	0.5	17.7
		1	49	17.5	17.6	17.6	1.5	17.7	17.4	17.3	17.1	0.5	17.7
		25	0	17.4	17.6	17.6	1.5	17.7	17.1	17.1	17.1	0.5	17.7
		25	12	17.4	17.5	17.5	1.5	17.7	17.1	17.2	17.2	0.5	17.7
		25	25	17.4	17.5	17.5	1.5	17.7	17.2	17.1	17.1	0.5	17.7
		50	0	17.4	17.5	17.5	1.5	17.7	17.1	17.1	17.1	0.5	17.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				20775	21100	21425	MPR	Max Output Pwr	20775	21100	21425	MPR	Max Output Pwr
				2502.5 MHz	2535 MHz	2567.5 MHz			2502.5 MHz	2535 MHz	2567.5 MHz		
5	QPSK	1	0	19.0	19.1	19.1	0	19.2	17.7	17.8	17.8	0	18.2
		1	12	19.1	19.1	19.2	0	19.2	17.8	17.8	17.9	0	18.2
		1	24	19.1	19.0	19.2	0	19.2	17.9	17.7	17.9	0	18.2
		12	0	19.1	19.1	19.1	0	19.2	17.8	17.8	17.9	0	18.2
		12	7	19.1	19.1	19.2	0	19.2	17.9	17.8	18.0	0	18.2
		12	13	19.2	19.1	19.2	0	19.2	17.9	17.8	17.9	0	18.2
		25	0	19.1	19.1	19.2	0	19.2	17.8	17.8	17.9	0	18.2
	16QAM	1	0	19.2	19.2	19.2	0	19.2	18.0	18.1	18.2	0	18.2
		1	12	19.2	19.2	19.2	0	19.2	18.2	18.2	18.2	0	18.2
		1	24	19.2	19.2	19.2	0	19.2	18.2	18.1	18.2	0	18.2
		12	0	19.1	19.1	19.1	0	19.2	17.7	17.8	17.9	0	18.2
		12	7	19.2	19.2	19.2	0	19.2	17.8	17.8	18.0	0	18.2
		12	13	19.2	19.1	19.2	0	19.2	17.8	17.8	18.0	0	18.2
		25	0	19.1	19.1	19.2	0	19.2	17.8	17.8	17.9	0	18.2
	64QAM	1	0	18.9	19.2	18.9	0	19.2	17.7	17.8	17.7	0	18.2
		1	12	19.1	19.2	18.9	0	19.2	17.8	17.9	17.8	0	18.2
		1	24	19.1	19.2	18.8	0	19.2	17.8	17.8	17.7	0	18.2
		12	0	18.8	19.1	18.7	0	19.2	17.6	17.7	17.6	0	18.2
		12	7	18.9	19.0	18.7	0	19.2	17.7	17.7	17.7	0	18.2
		12	13	18.9	19.0	18.6	0	19.2	17.7	17.6	17.7	0	18.2
		25	0	18.9	19.0	18.7	0	19.2	17.6	17.7	17.7	0	18.2
	256QAM	1	0	17.3	17.7	17.4	1.5	17.7	17.1	17.3	17.2	0.5	17.7
		1	12	17.5	17.7	17.5	1.5	17.7	17.2	17.4	17.3	0.5	17.7
		1	24	17.5	17.6	17.3	1.5	17.7	17.2	17.3	17.2	0.5	17.7
		12	0	17.3	17.5	17.2	1.5	17.7	17.1	17.1	17.1	0.5	17.7
		12	7	17.4	17.5	17.3	1.5	17.7	17.2	17.2	17.2	0.5	17.7
		12	13	17.4	17.5	17.1	1.5	17.7	17.2	17.1	17.1	0.5	17.7
		25	0	17.4	17.5	17.2	1.5	17.7	17.1	17.1	17.1	0.5	17.7

LTE Band 12 Measured Results (ANT1)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)			Power Mode B (dBm)		
				23095	MPR	Max Output Pwr	23095	MPR	Max Output Pwr
				707.5 MHz			707.5 MHz		
10	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	25.4	0	25.7	25.4	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	24.3	1	24.7	24.3	1	24.7
	16QAM	1	0	24.5	1	24.7	24.5	1	24.7
		1	25	24.6	1	24.7	24.6	1	24.7
		1	49	24.7	1	24.7	24.7	1	24.7
		25	0	23.3	2	23.7	23.3	2	23.7
		25	12	23.4	2	23.7	23.4	2	23.7
		25	25	23.4	2	23.7	23.4	2	23.7
		50	0	23.3	2	23.7	23.3	2	23.7
	64QAM	1	0	23.5	2	23.7	23.5	2	23.7
		1	25	23.7	2	23.7	23.7	2	23.7
		1	49	23.7	2	23.7	23.7	2	23.7
		25	0	22.3	3	22.7	22.3	3	22.7
		25	12	22.3	3	22.7	22.3	3	22.7
		25	25	22.4	3	22.7	22.4	3	22.7
		50	0	22.3	3	22.7	22.3	3	22.7
	256QAM	1	0	20.3	5	20.7	20.3	5	20.7
		1	25	20.6	5	20.7	20.6	5	20.7
		1	49	20.6	5	20.7	20.6	5	20.7
		25	0	20.3	5	20.7	20.3	5	20.7
		25	12	20.3	5	20.7	20.3	5	20.7
		25	25	20.4	5	20.7	20.4	5	20.7
		50	0	20.3	5	20.7	20.3	5	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				23035	23095	23155	MPR	Max Output Pwr	23035	23095	23155	MPR	Max Output Pwr
				701.5 MHz	707.5 MHz	713.5 MHz			701.5 MHz	707.5 MHz	713.5 MHz		
5	QPSK	1	0	25.1	25.3	25.4	0	25.7	25.1	25.3	25.4	0	25.7
		1	12	25.2	25.4	25.4	0	25.7	25.2	25.4	25.4	0	25.7
		1	24	25.2	25.4	25.3	0	25.7	25.2	25.4	25.3	0	25.7
		12	0	24.1	24.3	24.4	1	24.7	24.1	24.3	24.4	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	24.3	24.4	24.4	1	24.7	24.3	24.4	24.4	1	24.7
		25	0	24.2	24.3	24.4	1	24.7	24.2	24.3	24.4	1	24.7
	16QAM	1	0	24.5	24.7	24.7	1	24.7	24.5	24.7	24.7	1	24.7
		1	12	24.6	24.7	24.7	1	24.7	24.6	24.7	24.7	1	24.7
		1	24	24.6	24.7	24.7	1	24.7	24.6	24.7	24.7	1	24.7
		12	0	23.2	23.4	23.5	2	23.7	23.2	23.4	23.5	2	23.7
		12	7	23.3	23.4	23.5	2	23.7	23.3	23.4	23.5	2	23.7
		12	13	23.3	23.5	23.6	2	23.7	23.3	23.5	23.6	2	23.7
		25	0	23.2	23.4	23.4	2	23.7	23.2	23.4	23.4	2	23.7
	64QAM	1	0	23.4	23.4	23.4	2	23.7	23.4	23.4	23.4	2	23.7
		1	12	23.5	23.5	23.5	2	23.7	23.5	23.5	23.5	2	23.7
		1	24	23.4	23.5	23.5	2	23.7	23.4	23.5	23.5	2	23.7
		12	0	22.2	22.3	22.3	3	22.7	22.2	22.3	22.3	3	22.7
		12	7	22.3	22.3	22.4	3	22.7	22.3	22.3	22.4	3	22.7
		12	13	22.3	22.4	22.4	3	22.7	22.3	22.4	22.4	3	22.7
		25	0	22.3	22.3	22.3	3	22.7	22.3	22.3	22.3	3	22.7
	256QAM	1	0	20.2	20.5	20.4	5	20.7	20.2	20.5	20.4	5	20.7
		1	12	20.4	20.6	20.6	5	20.7	20.4	20.6	20.6	5	20.7
		1	24	20.4	20.6	20.5	5	20.7	20.4	20.6	20.5	5	20.7
		12	0	20.2	20.3	20.3	5	20.7	20.2	20.3	20.3	5	20.7
		12	7	20.3	20.3	20.3	5	20.7	20.3	20.3	20.3	5	20.7
		12	13	20.3	20.4	20.4	5	20.7	20.3	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

LTE Band 12 Measured Results (ANT1) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				23025	23095	23165	MPR	Max Output Pwr	23025	23095	23165	MPR	Max Output Pwr
				700.5 MHz	707.5 MHz	714.5 MHz			700.5 MHz	707.5 MHz	714.5 MHz		
3	QPSK	1	0	25.1	25.3	25.3	0	25.7	25.1	25.3	25.3	0	25.7
		1	8	25.2	25.4	25.4	0	25.7	25.2	25.4	25.4	0	25.7
		1	14	25.1	25.3	25.3	0	25.7	25.1	25.3	25.3	0	25.7
		8	0	24.1	24.3	24.3	1	24.7	24.1	24.3	24.3	1	24.7
		8	4	24.2	24.4	24.5	1	24.7	24.2	24.4	24.5	1	24.7
		8	7	24.2	24.5	24.4	1	24.7	24.2	24.5	24.4	1	24.7
		15	0	24.2	24.3	24.4	1	24.7	24.2	24.3	24.4	1	24.7
	16QAM	1	0	24.4	24.7	24.7	1	24.7	24.4	24.7	24.7	1	24.7
		1	8	24.5	24.7	24.7	1	24.7	24.5	24.7	24.7	1	24.7
		1	14	24.4	24.7	24.7	1	24.7	24.4	24.7	24.7	1	24.7
		8	0	23.2	23.4	23.5	2	23.7	23.2	23.4	23.5	2	23.7
		8	4	23.3	23.4	23.6	2	23.7	23.3	23.4	23.6	2	23.7
		8	7	23.3	23.5	23.5	2	23.7	23.3	23.5	23.5	2	23.7
		15	0	23.2	23.4	23.4	2	23.7	23.2	23.4	23.4	2	23.7
	64QAM	1	0	23.3	23.5	23.5	2	23.7	23.3	23.5	23.5	2	23.7
		1	8	23.4	23.5	23.6	2	23.7	23.4	23.5	23.6	2	23.7
		1	14	23.4	23.5	23.6	2	23.7	23.4	23.5	23.6	2	23.7
		8	0	22.2	22.3	22.4	3	22.7	22.2	22.3	22.4	3	22.7
		8	4	22.3	22.3	22.5	3	22.7	22.3	22.3	22.5	3	22.7
		8	7	22.3	22.4	22.5	3	22.7	22.3	22.4	22.5	3	22.7
		15	0	22.2	22.3	22.4	3	22.7	22.2	22.3	22.4	3	22.7
	256QAM	1	0	20.2	20.3	20.4	5	20.7	20.2	20.3	20.4	5	20.7
		1	8	20.4	20.5	20.6	5	20.7	20.4	20.5	20.6	5	20.7
		1	14	20.3	20.4	20.5	5	20.7	20.3	20.4	20.5	5	20.7
		8	0	20.2	20.3	20.4	5	20.7	20.2	20.3	20.4	5	20.7
		8	4	20.3	20.3	20.4	5	20.7	20.3	20.3	20.4	5	20.7
		8	7	20.3	20.4	20.5	5	20.7	20.3	20.4	20.5	5	20.7
		15	0	20.2	20.3	20.4	5	20.7	20.2	20.3	20.4	5	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				23017	23095	23173	MPR	Max Output Pwr	23017	23095	23173	MPR	Max Output Pwr
				699.7 MHz	707.5 MHz	715.3 MHz			699.7 MHz	707.5 MHz	715.3 MHz		
1.4	QPSK	1	0	25.1	25.3	25.3	0	25.7	25.1	25.3	25.3	0	25.7
		1	3	25.1	25.4	25.4	0	25.7	25.1	25.4	25.4	0	25.7
		1	5	25.1	25.3	25.4	0	25.7	25.1	25.3	25.4	0	25.7
		3	0	25.1	25.4	25.4	0	25.7	25.1	25.4	25.4	0	25.7
		3	1	25.2	25.4	25.4	0	25.7	25.2	25.4	25.4	0	25.7
		3	3	25.2	25.4	25.5	0	25.7	25.2	25.4	25.5	0	25.7
		6	0	24.1	24.3	24.4	1	24.7	24.1	24.3	24.4	1	24.7
	16QAM	1	0	24.4	24.7	24.7	1	24.7	24.4	24.7	24.7	1	24.7
		1	3	24.5	24.7	24.7	1	24.7	24.5	24.7	24.7	1	24.7
		1	5	24.4	24.7	24.7	1	24.7	24.4	24.7	24.7	1	24.7
		3	0	24.2	24.5	24.5	1	24.7	24.2	24.5	24.5	1	24.7
		3	1	24.3	24.5	24.6	1	24.7	24.3	24.5	24.6	1	24.7
		3	3	24.3	24.5	24.6	1	24.7	24.3	24.5	24.6	1	24.7
		6	0	23.2	23.4	23.5	2	23.7	23.2	23.4	23.5	2	23.7
	64QAM	1	0	23.3	23.4	23.5	2	23.7	23.3	23.4	23.5	2	23.7
		1	3	23.3	23.5	23.5	2	23.7	23.3	23.5	23.5	2	23.7
		1	5	23.3	23.5	23.5	2	23.7	23.3	23.5	23.5	2	23.7
		3	0	23.2	23.4	23.5	2	23.7	23.2	23.4	23.5	2	23.7
		3	1	23.3	23.4	23.5	2	23.7	23.3	23.4	23.5	2	23.7
		3	3	23.3	23.5	23.5	2	23.7	23.3	23.5	23.5	2	23.7
		6	0	22.2	22.3	22.4	3	22.7	22.2	22.3	22.4	3	22.7
	256QAM	1	0	20.2	20.3	20.4	5	20.7	20.2	20.3	20.4	5	20.7
		1	3	20.4	20.5	20.5	5	20.7	20.4	20.5	20.5	5	20.7
		1	5	20.3	20.5	20.5	5	20.7	20.3	20.5	20.5	5	20.7
		3	0	20.2	20.3	20.3	5	20.7	20.2	20.3	20.3	5	20.7
		3	1	20.3	20.3	20.5	5	20.7	20.3	20.3	20.5	5	20.7
		3	3	20.3	20.4	20.4	5	20.7	20.3	20.4	20.4	5	20.7
		6	0	20.1	20.4	20.3	5	20.7	20.1	20.4	20.3	5	20.7

LTE Band 12 Measured Results (ANT2)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)				Power Mode B (dBm)			
				23095	MPR	Max Output Pwr		23095	MPR	Max Output Pwr	
				707.5 MHz				707.5 MHz			
10	QPSK	1	0	23.6	0	24.2		24.3	0	24.7	
		1	25	23.6	0	24.2		24.6	0	24.7	
		1	49	23.6	0	24.2		24.3	0	24.7	
		25	0	23.4	0.5	23.7		23.4	1	23.7	
		25	12	23.7	0.5	23.7		23.6	1	23.7	
		25	25	23.5	0.5	23.7		23.5	1	23.7	
		50	0	23.7	0.5	23.7		23.7	1	23.7	
	16QAM	1	0	23.7	0.5	23.7		23.7	1	23.7	
		1	25	23.7	0.5	23.7		23.7	1	23.7	
		1	49	23.7	0.5	23.7		23.7	1	23.7	
		25	0	22.4	1.5	22.7		22.4	2	22.7	
		25	12	22.4	1.5	22.7		22.5	2	22.7	
		25	25	22.5	1.5	22.7		22.5	2	22.7	
		50	0	22.4	1.5	22.7		22.4	2	22.7	
	64QAM	1	0	22.4	1.5	22.7		22.4	2	22.7	
		1	25	22.6	1.5	22.7		22.6	2	22.7	
		1	49	22.5	1.5	22.7		22.5	2	22.7	
		25	0	21.3	2.5	21.7		21.3	3	21.7	
		25	12	21.3	2.5	21.7		21.3	3	21.7	
		25	25	21.4	2.5	21.7		21.4	3	21.7	
		50	0	21.3	2.5	21.7		21.3	3	21.7	
	256QAM	1	0	19.3	4.5	19.7		19.3	5	19.7	
		1	25	19.5	4.5	19.7		19.6	5	19.7	
		1	49	19.5	4.5	19.7		19.5	5	19.7	
		25	0	19.3	4.5	19.7		19.3	5	19.7	
		25	12	19.3	4.5	19.7		19.3	5	19.7	
		25	25	19.4	4.5	19.7		19.4	5	19.7	
		50	0	19.3	4.5	19.7		19.3	5	19.7	

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				23035	23095	23155	MPR	Max Output Pwr	23035	23095	23155	MPR	Max Output Pwr
				701.5 MHz	707.5 MHz	713.5 MHz			701.5 MHz	707.5 MHz	713.5 MHz		
5	QPSK	1	0	23.8	23.8	23.9	0	24.2	24.3	24.4	24.4	0	24.7
		1	12	23.8	24.0	24.0	0	24.2	24.4	24.5	24.5	0	24.7
		1	24	23.8	23.9	23.9	0	24.2	24.3	24.4	24.4	0	24.7
		12	0	23.3	23.4	23.4	0.5	23.7	23.3	23.4	23.4	1	23.7
		12	7	23.4	23.4	23.4	0.5	23.7	23.4	23.4	23.4	1	23.7
		12	13	23.4	23.5	23.5	0.5	23.7	23.4	23.4	23.4	1	23.7
		25	0	23.3	23.4	23.4	0.5	23.7	23.4	23.4	23.4	1	23.7
	16QAM	1	0	23.6	23.7	23.7	0.5	23.7	23.7	23.7	23.7	1	23.7
		1	12	23.7	23.7	23.7	0.5	23.7	23.7	23.7	23.7	1	23.7
		1	24	23.7	23.7	23.7	0.5	23.7	23.7	23.7	23.7	1	23.7
		12	0	22.2	22.4	22.5	1.5	22.7	22.4	22.5	22.4	2	22.7
		12	7	22.3	22.5	22.6	1.5	22.7	22.5	22.5	22.5	2	22.7
		12	13	22.3	22.5	22.6	1.5	22.7	22.5	22.5	22.5	2	22.7
		25	0	22.4	22.4	22.4	1.5	22.7	22.4	22.4	22.3	2	22.7
	64QAM	1	0	22.5	22.5	22.5	1.5	22.7	22.5	22.5	22.5	2	22.7
		1	12	22.6	22.6	22.6	1.5	22.7	22.6	22.6	22.6	2	22.7
		1	24	22.5	22.5	22.5	1.5	22.7	22.5	22.5	22.5	2	22.7
		12	0	21.3	21.3	21.3	2.5	21.7	21.3	21.3	21.2	3	21.7
		12	7	21.4	21.3	21.3	2.5	21.7	21.4	21.3	21.2	3	21.7
		12	13	21.4	21.4	21.4	2.5	21.7	21.4	21.4	21.3	3	21.7
		25	0	21.3	21.3	21.3	2.5	21.7	21.3	21.3	21.3	3	21.7
	256QAM	1	0	19.3	19.3	19.3	4.5	19.7	19.3	19.3	19.4	5	19.7
		1	12	19.5	19.4	19.4	4.5	19.7	19.5	19.5	19.6	5	19.7
		1	24	19.4	19.4	19.4	4.5	19.7	19.4	19.4	19.5	5	19.7
		12	0	19.2	19.3	19.3	4.5	19.7	19.3	19.3	19.2	5	19.7
		12	7	19.4	19.3	19.3	4.5	19.7	19.4	19.3	19.3	5	19.7
		12	13	19.4	19.3	19.3	4.5	19.7	19.3	19.4	19.3	5	19.7
		25	0	19.3	19.3	19.3	4.5	19.7	19.3	19.2	19.3	5	19.7

LTE Band 12 Measured Results (ANT2) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				23025	23095	23165	MPR	Max Output Pwr	23025	23095	23165	MPR	Max Output Pwr
				700.5 MHz	707.5 MHz	714.5 MHz			700.5 MHz	707.5 MHz	714.5 MHz		
3	QPSK	1	0	23.8	23.8	23.9	0	24.2	24.2	24.3	24.4	0	24.7
		1	8	23.9	23.9	24.0	0	24.2	24.3	24.4	24.4	0	24.7
		1	14	23.8	23.8	23.9	0	24.2	24.3	24.3	24.4	0	24.7
		8	0	23.3	23.4	23.4	0.5	23.7	23.3	23.4	23.4	1	23.7
		8	4	23.4	23.4	23.4	0.5	23.7	23.4	23.4	23.4	1	23.7
		8	7	23.4	23.5	23.5	0.5	23.7	23.4	23.5	23.5	1	23.7
		15	0	23.3	23.4	23.4	0.5	23.7	23.3	23.3	23.4	1	23.7
	16QAM	1	0	23.5	23.7	23.7	0.5	23.7	23.5	23.7	23.7	1	23.7
		1	8	23.7	23.7	23.7	0.5	23.7	23.6	23.7	23.7	1	23.7
		1	14	23.6	23.7	23.7	0.5	23.7	23.5	23.7	23.7	1	23.7
		8	0	22.4	22.4	22.5	1.5	22.7	22.4	22.4	22.4	2	22.7
		8	4	22.5	22.5	22.5	1.5	22.7	22.4	22.4	22.5	2	22.7
		8	7	22.5	22.5	22.6	1.5	22.7	22.4	22.5	22.5	2	22.7
		15	0	22.4	22.4	22.4	1.5	22.7	22.4	22.4	22.4	2	22.7
	64QAM	1	0	22.4	22.5	22.5	1.5	22.7	22.5	22.5	22.4	2	22.7
		1	8	22.5	22.6	22.4	1.5	22.7	22.6	22.6	22.4	2	22.7
		1	14	22.5	22.5	22.3	1.5	22.7	22.5	22.5	22.4	2	22.7
		8	0	21.3	21.3	21.3	2.5	21.7	21.2	21.3	21.3	3	21.7
		8	4	21.4	21.3	21.3	2.5	21.7	21.4	21.3	21.3	3	21.7
		8	7	21.4	21.4	21.4	2.5	21.7	21.4	21.4	21.4	3	21.7
		15	0	21.3	21.3	21.2	2.5	21.7	21.3	21.3	21.2	3	21.7
	256QAM	1	0	19.3	19.3	19.3	4.5	19.7	19.3	19.3	19.3	5	19.7
		1	8	19.5	19.5	19.5	4.5	19.7	19.5	19.5	19.5	5	19.7
		1	14	19.4	19.5	19.4	4.5	19.7	19.5	19.4	19.4	5	19.7
		8	0	19.3	19.3	19.2	4.5	19.7	19.3	19.3	19.2	5	19.7
		8	4	19.4	19.3	19.3	4.5	19.7	19.4	19.3	19.3	5	19.7
		8	7	19.4	19.4	19.3	4.5	19.7	19.4	19.4	19.3	5	19.7
		15	0	19.3	19.3	19.2	4.5	19.7	19.3	19.3	19.2	5	19.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				23017	23095	23173	MPR	Max Output Pwr	23017	23095	23173	MPR	Max Output Pwr
				699.7 MHz	707.5 MHz	715.3 MHz			699.7 MHz	707.5 MHz	715.3 MHz		
1.4	QPSK	1	0	23.7	23.9	23.9	0	24.2	24.3	24.4	24.4	0	24.7
		1	3	23.8	24.0	24.0	0	24.2	24.3	24.4	24.4	0	24.7
		1	5	23.8	23.9	24.0	0	24.2	24.3	24.3	24.4	0	24.7
		3	0	23.8	23.9	23.9	0	24.2	24.3	24.4	24.4	0	24.7
		3	1	23.9	23.9	23.9	0	24.2	24.3	24.4	24.4	0	24.7
		3	3	23.8	24.0	24.0	0	24.2	24.3	24.4	24.4	0	24.7
		6	0	23.3	23.3	23.4	0.5	23.7	23.3	23.3	23.4	1	23.7
	16QAM	1	0	23.6	23.6	23.7	0.5	23.7	23.6	23.5	23.7	1	23.7
		1	3	23.7	23.6	23.7	0.5	23.7	23.6	23.5	23.7	1	23.7
		1	5	23.6	23.6	23.7	0.5	23.7	23.6	23.5	23.7	1	23.7
		3	0	23.4	23.5	23.6	0.5	23.7	23.4	23.4	23.5	1	23.7
		3	1	23.5	23.5	23.6	0.5	23.7	23.4	23.4	23.5	1	23.7
		3	3	23.4	23.6	23.6	0.5	23.7	23.4	23.5	23.5	1	23.7
		6	0	22.5	22.4	22.4	1.5	22.7	22.4	22.4	22.4	2	22.7
	64QAM	1	0	22.5	22.4	22.5	1.5	22.7	22.3	22.6	22.4	2	22.7
		1	3	22.7	22.5	22.3	1.5	22.7	22.3	22.6	22.4	2	22.7
		1	5	22.5	22.5	22.6	1.5	22.7	22.3	22.4	22.4	2	22.7
		3	0	22.4	22.4	22.5	1.5	22.7	22.2	22.3	22.4	2	22.7
		3	1	22.4	22.4	22.4	1.5	22.7	22.2	22.3	22.4	2	22.7
		3	3	22.4	22.5	22.4	1.5	22.7	22.2	22.3	22.4	2	22.7
		6	0	21.3	21.3	21.2	2.5	21.7	21.3	21.4	21.2	3	21.7
	256QAM	1	0	19.2	19.3	19.3	4.5	19.7	19.3	19.4	19.3	5	19.7
		1	3	19.4	19.4	19.3	4.5	19.7	19.5	19.5	19.3	5	19.7
		1	5	19.4	19.4	19.3	4.5	19.7	19.4	19.5	19.4	5	19.7
		3	0	19.3	19.3	19.2	4.5	19.7	19.3	19.3	19.2	5	19.7
		3	1	19.3	19.3	19.2	4.5	19.7	19.3	19.3	19.2	5	19.7
		3	3	19.3	19.4	19.2	4.5	19.7	19.3	19.4	19.3	5	19.7
		6	0	19.2	19.3	19.3	4.5	19.7	19.3	19.3	19.3	5	19.7

LTE Band 12 Measured Results (ANT3)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)			Power Mode B (dBm)		
				23095	MPR	Max Output Pwr	23095	MPR	Max Output Pwr
				707.5 MHz			707.5 MHz		
10	QPSK	1	0	24.6	0	25.4	24.1	0	25.4
		1	25	24.6	0	25.4	24.6	0	25.4
		1	49	24.6	0	25.4	24.6	0	25.4
		25	0	23.7	1	24.4	23.7	1	24.4
		25	12	23.7	1	24.4	23.7	1	24.4
		25	25	23.7	1	24.4	23.7	1	24.4
		50	0	23.7	1	24.4	23.7	1	24.4
	16QAM	1	0	24.1	1	24.4	24.1	1	24.4
		1	25	23.7	1	24.4	23.9	1	24.4
		1	49	24.2	1	24.4	23.2	1	24.4
		25	0	22.8	2	23.4	23.2	2	23.4
		25	12	22.9	2	23.4	22.8	2	23.4
		25	25	22.9	2	23.4	23.2	2	23.4
		50	0	22.9	2	23.4	22.7	2	23.4
	64QAM	1	0	22.8	2	23.4	22.8	2	23.4
		1	25	22.6	2	23.4	22.6	2	23.4
		1	49	22.8	2	23.4	22.8	2	23.4
		25	0	20.8	3	22.4	20.8	3	22.4
		25	12	20.7	3	22.4	20.7	3	22.4
		25	25	20.9	3	22.4	20.9	3	22.4
		50	0	20.7	3	22.4	20.7	3	22.4
	256QAM	1	0	19.1	5	20.4	19.1	5	20.4
		1	25	18.7	5	20.4	18.7	5	20.4
		1	49	19.2	5	20.4	19.2	5	20.4
		25	0	19.8	5	20.4	19.8	5	20.4
		25	12	19.9	5	20.4	19.9	5	20.4
		25	25	19.9	5	20.4	19.9	5	20.4
		50	0	19.9	5	20.4	19.9	5	20.4

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)				Power Mode B (dBm)			
				23035	23095	23155	MPR	23035	23095	23155	MPR
				701.5 MHz	707.5 MHz	713.5 MHz		701.5 MHz	707.5 MHz	713.5 MHz	
5	QPSK	1	0	24.5	24.4	24.5	0	24.5	23.8	24.5	0
		1	12	24.5	24.5	24.6	0	24.5	24.8	24.6	0
		1	24	24.4	24.5	24.6	0	24.4	24.8	24.6	0
		12	0	23.9	23.7	23.8	1	23.9	24.1	23.8	1
		12	7	23.9	23.8	23.9	1	23.9	24.1	23.9	1
		12	13	23.8	23.8	23.9	1	23.8	24.1	23.9	1
		25	0	23.8	23.8	23.9	1	23.8	24.1	23.9	1
	16QAM	1	0	24.2	24.1	24.3	1	24.2	23.2	24.3	1
		1	12	24.3	24.2	24.4	1	24.3	23.2	24.4	1
		1	24	24.2	24.2	24.4	1	24.2	23.2	24.4	1
		12	0	22.9	22.8	22.9	2	22.9	23.2	22.9	2
		12	7	22.9	22.9	23.0	2	22.9	23.2	23.0	2
		12	13	22.9	22.9	23.0	2	22.9	23.2	23.0	2
		25	0	22.9	22.8	23.0	2	22.9	23.1	23.0	2
	64QAM	1	0	23.1	23.1	23.1	2	23.1	23.1	23.1	2
		1	12	23.2	23.2	23.2	2	23.2	23.2	23.2	2
		1	24	23.1	23.2	23.2	2	23.1	23.2	23.2	2
		12	0	21.9	22.0	22.0	3	21.9	22.0	22.0	3
		12	7	22.0	22.0	22.1	3	22.0	22.0	22.1	3
		12	13	22.0	22.1	22.1	3	22.0	22.1	22.1	3
		25	0	22.0	22.0	22.0	3	22.0	22.0	22.0	3
	256QAM	1	0	19.9	20.2	20.1	5	19.9	20.2	20.1	5
		1	12	20.1	20.3	20.3	5	20.1	20.3	20.3	5
		1	24	20.1	20.3	20.2	5	20.1	20.3	20.2	5
		12	0	19.9	20.0	20.0	5	19.9	20.0	20.0	5
		12	7	20.0	20.0	20.0	5	20.0	20.0	20.0	5
		12	13	20.0	20.1	20.1	5	20.0	20.1	20.1	5
		25	0	20.0	20.0	20.0	5	20.0	20.0	20.0	5

LTE Band 12 Measured Results (ANT3) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				23025	23095	23165	MPR	Max Output Pwr	23025	23095	23165	MPR	Max Output Pwr
				700.5 MHz	707.5 MHz	714.5 MHz			700.5 MHz	707.5 MHz	714.5 MHz		
3	QPSK	1	0	24.2	24.4	24.4	0	25.4	24.6	24.7	24.8	0	25.4
		1	8	24.3	24.5	24.5	0	25.4	24.8	24.8	25.0	0	25.4
		1	14	24.2	24.4	24.4	0	25.4	24.7	24.7	24.8	0	25.4
		8	0	23.6	23.7	23.8	1	24.4	24.0	24.1	24.2	1	24.4
		8	4	23.7	23.8	23.8	1	24.4	24.1	24.2	24.2	1	24.4
		8	7	23.7	23.8	23.9	1	24.4	24.1	24.2	24.3	1	24.4
		15	0	23.7	23.8	23.8	1	24.4	24.1	24.1	24.2	1	24.4
	16QAM	1	0	24.0	24.0	24.1	1	24.4	24.2	24.4	24.3	1	24.4
		1	8	24.1	24.1	24.3	1	24.4	24.4	24.4	24.4	1	24.4
		1	14	24.0	24.0	24.2	1	24.4	24.3	24.3	24.3	1	24.4
		8	0	23.1	23.2	23.3	2	23.4	23.0	23.1	23.3	2	23.4
		8	4	23.2	23.3	23.4	2	23.4	23.1	23.2	23.3	2	23.4
		8	7	23.2	23.3	23.4	2	23.4	23.1	23.2	23.4	2	23.4
		15	0	23.1	23.2	23.3	2	23.4	23.1	23.2	23.3	2	23.4
	64QAM	1	0	23.0	23.2	23.2	2	23.4	23.0	23.2	23.2	2	23.4
		1	8	23.1	23.2	23.3	2	23.4	23.1	23.2	23.3	2	23.4
		1	14	23.1	23.2	23.3	2	23.4	23.1	23.2	23.3	2	23.4
		8	0	21.9	22.0	22.1	3	22.4	21.9	22.0	22.1	3	22.4
		8	4	22.0	22.0	22.2	3	22.4	22.0	22.0	22.2	3	22.4
		8	7	22.0	22.1	22.2	3	22.4	22.0	22.1	22.2	3	22.4
		15	0	21.9	22.0	22.1	3	22.4	21.9	22.0	22.1	3	22.4
	256QAM	1	0	19.9	20.0	20.1	5	20.4	19.9	20.0	20.1	5	20.4
		1	8	20.1	20.2	20.3	5	20.4	20.1	20.2	20.3	5	20.4
		1	14	20.0	20.1	20.2	5	20.4	20.0	20.1	20.2	5	20.4
		8	0	19.9	20.0	20.1	5	20.4	19.9	20.0	20.1	5	20.4
		8	4	20.0	20.0	20.1	5	20.4	20.0	20.0	20.1	5	20.4
		8	7	20.0	20.1	20.2	5	20.4	20.0	20.1	20.2	5	20.4
		15	0	19.9	20.0	20.1	5	20.4	19.9	20.0	20.1	5	20.4

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				23017	23095	23173	MPR	Max Output Pwr	23017	23095	23173	MPR	Max Output Pwr
				699.7 MHz	707.5 MHz	715.3 MHz			699.7 MHz	707.5 MHz	715.3 MHz		
1.4	QPSK	1	0	24.4	24.4	24.5	0	25.4	24.7	24.8	24.9	0	25.4
		1	3	24.4	24.4	24.6	0	25.4	24.7	24.8	25.0	0	25.4
		1	5	24.4	24.4	24.5	0	25.4	24.7	24.8	25.0	0	25.4
		3	0	24.7	24.7	24.9	0	25.4	24.8	24.8	25.0	0	25.4
		3	1	24.8	24.7	24.9	0	25.4	24.8	24.8	25.0	0	25.4
		3	3	24.7	24.7	24.9	0	25.4	24.7	24.9	25.0	0	25.4
		6	0	23.7	23.7	23.8	1	24.4	24.0	24.1	24.2	1	24.4
	16QAM	1	0	23.9	23.9	24.1	1	24.4	24.2	24.2	24.2	1	24.4
		1	3	24.0	23.9	24.2	1	24.4	24.2	24.2	24.2	1	24.4
		1	5	23.9	24.0	24.2	1	24.4	24.2	24.2	24.2	1	24.4
		3	0	23.9	23.9	24.0	1	24.4	24.2	24.3	24.4	1	24.4
		3	1	23.9	23.9	24.0	1	24.4	24.2	24.3	24.4	1	24.4
		3	3	23.9	23.9	24.0	1	24.4	24.2	24.3	24.4	1	24.4
		6	0	23.2	23.2	23.2	2	23.4	23.1	23.2	23.3	2	23.4
	64QAM	1	0	23.0	23.1	23.2	2	23.4	23.0	23.1	23.2	2	23.4
		1	3	23.0	23.2	23.2	2	23.4	23.0	23.2	23.2	2	23.4
		1	5	23.0	23.2	23.2	2	23.4	23.0	23.2	23.2	2	23.4
		3	0	22.9	23.1	23.2	2	23.4	22.9	23.1	23.2	2	23.4
		3	1	23.0	23.1	23.2	2	23.4	23.0	23.1	23.2	2	23.4
		3	3	23.0	23.2	23.2	2	23.4	23.0	23.2	23.2	2	23.4
		6	0	21.9	22.0	22.1	3	22.4	21.9	22.0	22.1	3	22.4
	256QAM	1	0	19.9	20.0	20.1	5	20.4	19.9	20.0	20.1	5	20.4
		1	3	20.1	20.2	20.2	5	20.4	20.1	20.2	20.2	5	20.4
		1	5	20.0	20.2	20.2	5	20.4	20.0	20.2	20.2	5	20.4
		3	0	19.9	20.0	20.0	5	20.4	19.9	20.0	20.0	5	20.4
		3	1	20.0	20.0	20.2	5	20.4	20.0	20.0	20.2	5	20.4
		3	3	20.0	20.1	20.1	5	20.4	20.0	20.1	20.1	5	20.4
		6	0	19.8	20.1	20.0	5	20.4	19.8	20.1	20.0	5	20.4

LTE Band 13 Measured Results (ANT1)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)			Power Mode B (dBm)		
				23230	MPR	Max Output Pwr	23230	MPR	Max Output Pwr
				782 MHz			782 MHz		
10	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	25.4	0	25.7	25.4	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	24.3	1	24.7	24.3	1	24.7
	16QAM	1	0	24.5	1	24.7	24.5	1	24.7
		1	25	24.6	1	24.7	24.6	1	24.7
		1	49	24.7	1	24.7	24.7	1	24.7
		25	0	23.3	2	23.7	23.3	2	23.7
		25	12	23.4	2	23.7	23.4	2	23.7
		25	25	23.4	2	23.7	23.4	2	23.7
		50	0	23.3	2	23.7	23.3	2	23.7
	64QAM	1	0	23.5	2	23.7	23.5	2	23.7
		1	25	23.7	2	23.7	23.7	2	23.7
		1	49	23.7	2	23.7	23.7	2	23.7
		25	0	22.3	3	22.7	22.3	3	22.7
		25	12	22.3	3	22.7	22.3	3	22.7
		25	25	22.4	3	22.7	22.4	3	22.7
		50	0	22.3	3	22.7	22.3	3	22.7
	256QAM	1	0	20.3	5	20.7	20.3	5	20.7
		1	25	20.6	5	20.7	20.6	5	20.7
		1	49	20.6	5	20.7	20.6	5	20.7
		25	0	20.3	5	20.7	20.3	5	20.7
		25	12	20.3	5	20.7	20.3	5	20.7
		25	25	20.4	5	20.7	20.4	5	20.7
		50	0	20.3	5	20.7	20.3	5	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
				23230	MPR	Max Output Pwr	23230	MPR	Max Output Pwr
				782 MHz			782 MHz		
5	QPSK	1	0	25.3	0	25.7	25.3	0	25.7
		1	12	25.4	0	25.7	25.4	0	25.7
		1	24	25.4	0	25.7	25.4	0	25.7
		12	0	24.3	1	24.7	24.3	1	24.7
		12	7	24.4	1	24.7	24.4	1	24.7
		12	13	24.4	1	24.7	24.4	1	24.7
		25	0	24.3	1	24.7	24.3	1	24.7
	16QAM	1	0	24.7	1	24.7	24.7	1	24.7
		1	12	24.7	1	24.7	24.7	1	24.7
		1	24	24.7	1	24.7	24.7	1	24.7
		12	0	23.4	2	23.7	23.4	2	23.7
		12	7	23.4	2	23.7	23.4	2	23.7
		12	13	23.5	2	23.7	23.5	2	23.7
		25	0	23.4	2	23.7	23.4	2	23.7
	64QAM	1	0	23.4	2	23.7	23.4	2	23.7
		1	12	23.5	2	23.7	23.5	2	23.7
		1	24	23.5	2	23.7	23.5	2	23.7
		12	0	22.3	3	22.7	22.3	3	22.7
		12	7	22.3	3	22.7	22.3	3	22.7
		12	13	22.4	3	22.7	22.4	3	22.7
		25	0	22.3	3	22.7	22.3	3	22.7
	256QAM	1	0	20.5	5	20.7	20.5	5	20.7
		1	12	20.6	5	20.7	20.6	5	20.7
		1	24	20.6	5	20.7	20.6	5	20.7
		12	0	20.3	5	20.7	20.3	5	20.7
		12	7	20.3	5	20.7	20.3	5	20.7
		12	13	20.4	5	20.7	20.4	5	20.7
		25	0	20.3	5	20.7	20.3	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	MPR	Max Output Pwr	23230	MPR	Max Output Pwr
				782 MHz			782 MHz		
10	QPSK	1	0	22.2	0	23.7	24.4	0	24.7
		1	25	22.7	0	23.7	24.6	0	24.7
		1	49	22.2	0	23.7	24.4	0	24.7
		25	0	22.2	0	23.7	23.4	1	23.7
		25	12	22.7	0	23.7	23.6	1	23.7
		25	25	22.3	0	23.7	23.5	1	23.7
		50	0	22.7	0	23.7	23.5	1	23.7
	16QAM	1	0	22.5	0	23.7	23.7	1	23.7
		1	25	22.6	0	23.7	23.7	1	23.7
		1	49	22.5	0	23.7	23.7	1	23.7
		25	0	21.8	1	22.7	22.5	2	22.7
		25	12	21.8	1	22.7	22.5	2	22.7
		25	25	21.8	1	22.7	22.5	2	22.7
		50	0	21.7	1	22.7	22.4	2	22.7
	64QAM	1	0	21.7	1	22.7	22.5	2	22.7
		1	25	21.8	1	22.7	22.6	2	22.7
		1	49	21.8	1	22.7	22.6	2	22.7
		25	0	20.6	2	21.7	21.3	3	21.7
		25	12	20.7	2	21.7	21.4	3	21.7
		25	25	20.6	2	21.7	21.3	3	21.7
		50	0	20.7	2	21.7	21.4	3	21.7
	256QAM	1	0	18.7	4	19.7	19.3	5	19.7
		1	25	18.9	4	19.7	19.4	5	19.7
		1	49	18.9	4	19.7	19.4	5	19.7
		25	0	18.6	4	19.7	19.3	5	19.7
		25	12	18.7	4	19.7	19.4	5	19.7
		25	25	18.7	4	19.7	19.4	5	19.7
		50	0	18.8	4	19.7	19.4	5	19.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
				23230	MPR	Max Output Pwr	23230	MPR	Max Output Pwr
				782 MHz			782 MHz		
5	QPSK	1	0	22.2	0	23.7	24.4	0	24.7
		1	12	22.3	0	23.7	24.5	0	24.7
		1	24	22.2	0	23.7	24.4	0	24.7
		12	0	22.2	0	23.7	23.4	1	23.7
		12	7	22.2	0	23.7	23.4	1	23.7
		12	13	22.3	0	23.7	23.5	1	23.7
		25	0	22.2	0	23.7	23.4	1	23.7
	16QAM	1	0	22.6	0	23.7	23.7	1	23.7
		1	12	22.7	0	23.7	23.7	1	23.7
		1	24	22.6	0	23.7	23.7	1	23.7
		12	0	21.6	1	22.7	22.4	2	22.7
		12	7	21.7	1	22.7	22.4	2	22.7
		12	13	21.7	1	22.7	22.5	2	22.7
		25	0	21.7	1	22.7	22.4	2	22.7
	64QAM	1	0	21.9	1	22.7	22.7	2	22.7
		1	12	21.9	1	22.7	22.7	2	22.7
		1	24	21.8	1	22.7	22.7	2	22.7
		12	0	20.6	2	21.7	21.3	3	21.7
		12	7	20.7	2	21.7	21.4	3	21.7
		12	13	20.7	2	21.7	21.3	3	21.7
		25	0	20.7	2	21.7	21.3	3	21.7
	256QAM	1	0	18.8	4	19.7	19.4	5	19.7
		1	12	18.9	4	19.7	19.5	5	19.7
		1	24	18.9	4	19.7	19.4	5	19.7
		12	0	18.7	4	19.7	19.3	5	19.7
		12	7	18.8	4	19.7	19.4	5	19.7
		12	13	18.7	4	19.7	19.4	5	19.7
		25	0	18.7	4	19.7	19.4	5	19.7

LTE Band 13 Measured Results (ANT3

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)			Power Mode B (dBm)		
				23230	MPR	Max Output Pwr	23230	MPR	Max Output Pwr
				782 MHz			782 MHz		
10	QPSK	1	0	24.6	0	25.4	24.6	0	25.4
		1	25	24.6	0	25.4	24.6	0	25.4
		1	49	24.6	0	25.4	24.6	0	25.4
		25	0	23.7	1	24.4	23.7	1	24.4
		25	12	23.7	1	24.4	23.7	1	24.4
		25	25	23.7	1	24.4	23.7	1	24.4
		50	0	23.7	1	24.4	23.7	1	24.4
	16QAM	1	0	24.4	1	24.4	24.4	1	24.4
		1	25	24.0	1	24.4	24.0	1	24.4
		1	49	24.2	1	24.4	24.2	1	24.4
		25	0	23.0	2	23.4	23.0	2	23.4
		25	12	22.8	2	23.4	22.8	2	23.4
		25	25	22.9	2	23.4	22.9	2	23.4
		50	0	22.7	2	23.4	22.7	2	23.4
	64QAM	1	0	23.2	2	23.4	23.2	2	23.4
		1	25	23.4	2	23.4	23.4	2	23.4
		1	49	23.4	2	23.4	23.4	2	23.4
		25	0	22.0	3	22.4	22.0	3	22.4
		25	12	22.0	3	22.4	22.0	3	22.4
		25	25	22.1	3	22.4	22.1	3	22.4
		50	0	22.0	3	22.4	22.0	3	22.4
	256QAM	1	0	20.0	5	20.4	20.0	5	20.4
		1	25	20.3	5	20.4	20.3	5	20.4
		1	49	20.3	5	20.4	20.3	5	20.4
		25	0	20.0	5	20.4	20.0	5	20.4
		25	12	20.0	5	20.4	20.0	5	20.4
		25	25	20.1	5	20.4	20.1	5	20.4
		50	0	20.0	5	20.4	20.0	5	20.4

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
				23230	MPR	Max Output Pwr	23230	MPR	Max Output Pwr
				782 MHz			782 MHz		
5	QPSK	1	0	24.9	0	25.4	24.9	0	25.4
		1	12	25.0	0	25.4	25.0	0	25.4
		1	24	24.9	0	25.4	24.9	0	25.4
		12	0	24.0	1	24.4	24.0	1	24.4
		12	7	24.0	1	24.4	24.0	1	24.4
		12	13	24.0	1	24.4	24.0	1	24.4
		25	0	24.0	1	24.4	24.0	1	24.4
	16QAM	1	0	24.4	1	24.4	24.4	1	24.4
		1	12	24.4	1	24.4	24.4	1	24.4
		1	24	24.3	1	24.4	24.3	1	24.4
		12	0	23.0	2	23.4	23.0	2	23.4
		12	7	23.1	2	23.4	23.1	2	23.4
		12	13	23.0	2	23.4	23.0	2	23.4
		25	0	23.0	2	23.4	23.0	2	23.4
	64QAM	1	0	23.1	2	23.4	23.1	2	23.4
		1	12	23.2	2	23.4	23.2	2	23.4
		1	24	23.2	2	23.4	23.2	2	23.4
		12	0	22.0	3	22.4	22.0	3	22.4
		12	7	22.0	3	22.4	22.0	3	22.4
		12	13	22.1	3	22.4	22.1	3	22.4
		25	0	22.0	3	22.4	22.0	3	22.4
	256QAM	1	0	20.2	5	20.4	20.2	5	20.4
		1	12	20.3	5	20.4	20.3	5	20.4
		1	24	20.3	5	20.4	20.3	5	20.4
		12	0	20.0	5	20.4	20.0	5	20.4
		12	7	20.0	5	20.4	20.0	5	20.4
		12	13	20.1	5	20.4	20.1	5	20.4
		25	0	20.0	5	20.4	20.0	5	20.4

LTE Band 14 Measured Results (ANT1)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)			Power Mode B (dBm)		
				23330	MPR	Max Output Pwr	23330	MPR	Max Output Pwr
				793 MHz			793 MHz		
10	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	25.1	0	25.7	25.1	0	25.7
		25	0	24.2	1	24.7	24.2	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	24.3	1	24.7	24.3	1	24.7
	16QAM	1	0	24.6	1	24.7	24.6	1	24.7
		1	25	24.5	1	24.7	24.5	1	24.7
		1	49	24.4	1	24.7	24.4	1	24.7
		25	0	23.3	2	23.7	23.3	2	23.7
		25	12	23.2	2	23.7	23.2	2	23.7
		25	25	23.1	2	23.7	23.1	2	23.7
		50	0	23.2	2	23.7	23.2	2	23.7
	64QAM	1	0	23.5	2	23.7	23.5	2	23.7
		1	25	23.7	2	23.7	23.7	2	23.7
		1	49	23.7	2	23.7	23.7	2	23.7
		25	0	22.3	3	22.7	22.3	3	22.7
		25	12	22.3	3	22.7	22.3	3	22.7
		25	25	22.4	3	22.7	22.4	3	22.7
		50	0	22.3	3	22.7	22.3	3	22.7
	256QAM	1	0	20.3	5	20.7	20.3	5	20.7
		1	25	20.6	5	20.7	20.6	5	20.7
		1	49	20.6	5	20.7	20.6	5	20.7
		25	0	20.3	5	20.7	20.3	5	20.7
		25	12	20.3	5	20.7	20.3	5	20.7
		25	25	20.4	5	20.7	20.4	5	20.7
		50	0	20.3	5	20.7	20.3	5	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
				23330	MPR	Max Output Pwr	23330	MPR	Max Output Pwr
				793 MHz			793 MHz		
5	QPSK	1	0	25.2	0	25.7	25.2	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	24.2	1	24.7	24.2	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	24.6	1	24.7	24.6	1	24.7
		1	12	24.6	1	24.7	24.6	1	24.7
		1	24	24.5	1	24.7	24.5	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	23.3	2	23.7	23.3	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	23.5	2	23.7	23.5	2	23.7
		1	24	23.5	2	23.7	23.5	2	23.7
		12	0	22.3	3	22.7	22.3	3	22.7
		12	7	22.3	3	22.7	22.3	3	22.7
		12	13	22.4	3	22.7	22.4	3	22.7
		25	0	22.3	3	22.7	22.3	3	22.7
	256QAM	1	0	20.5	5	20.7	20.5	5	20.7
		1	12	20.6	5	20.7	20.6	5	20.7
		1	24	20.6	5	20.7	20.6	5	20.7
		12	0	20.3	5	20.7	20.3	5	20.7
		12	7	20.3	5	20.7	20.3	5	20.7
		12	13	20.4	5	20.7	20.4	5	20.7
		25	0	20.3	5	20.7	20.3	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	Max Output Pwr	23330	MPR	Max Output Pwr
				793 MHz			793 MHz		
10	QPSK	1	0	22.9	0	23.7	24.4	0	24.7
		1	25	22.9	0	23.7	24.6	0	24.7
		1	49	22.9	0	23.7	24.4	0	24.7
		25	0	23.0	0	23.7	23.4	1	23.7
		25	12	23.0	0	23.7	23.6	1	23.7
		25	25	22.9	0	23.7	23.4	1	23.7
		50	0	23.1	0	23.7	23.6	1	23.7
	16QAM	1	0	23.2	0	23.7	23.7	1	23.7
		1	25	23.3	0	23.7	23.7	1	23.7
		1	49	23.2	0	23.7	23.7	1	23.7
		25	0	22.5	1	22.7	22.5	2	22.7
		25	12	22.5	1	22.7	22.5	2	22.7
		25	25	22.5	1	22.7	22.4	2	22.7
		50	0	22.4	1	22.7	22.4	2	22.7
	64QAM	1	0	22.4	1	22.7	22.4	2	22.7
		1	25	22.5	1	22.7	22.5	2	22.7
		1	49	22.4	1	22.7	22.4	2	22.7
		25	0	21.3	2	21.7	21.3	3	21.7
		25	12	21.4	2	21.7	21.3	3	21.7
		25	25	21.3	2	21.7	21.3	3	21.7
		50	0	21.3	2	21.7	21.3	3	21.7
	256QAM	1	0	19.4	4	19.7	19.4	5	19.7
		1	25	19.6	4	19.7	19.6	5	19.7
		1	49	19.4	4	19.7	19.4	5	19.7
		25	0	19.3	4	19.7	19.3	5	19.7
		25	12	19.4	4	19.7	19.4	5	19.7
		25	25	19.3	4	19.7	19.3	5	19.7
		50	0	19.4	4	19.7	19.4	5	19.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
				23330	MPR	Max Output Pwr	23330	MPR	Max Output Pwr
				793 MHz			793 MHz		
5	QPSK	1	0	22.9	0	23.7	23.4	0	24.7
		1	12	23.1	0	23.7	24.6	0	24.7
		1	24	22.9	0	23.7	24.4	0	24.7
		12	0	22.9	0	23.7	23.5	1	23.7
		12	7	23.0	0	23.7	23.5	1	23.7
		12	13	23.0	0	23.7	23.4	1	23.7
		25	0	22.9	0	23.7	23.4	1	23.7
	16QAM	1	0	23.3	0	23.7	23.7	1	23.7
		1	12	23.4	0	23.7	23.7	1	23.7
		1	24	23.3	0	23.7	23.7	1	23.7
		12	0	22.5	1	22.7	22.5	2	22.7
		12	7	22.5	1	22.7	22.6	2	22.7
		12	13	22.5	1	22.7	22.5	2	22.7
		25	0	22.5	1	22.7	22.5	2	22.7
	64QAM	1	0	22.6	1	22.7	22.6	2	22.7
		1	12	22.7	1	22.7	22.7	2	22.7
		1	24	22.6	1	22.7	22.5	2	22.7
		12	0	21.4	2	21.7	21.3	3	21.7
		12	7	21.4	2	21.7	21.4	3	21.7
		12	13	21.4	2	21.7	21.4	3	21.7
		25	0	21.3	2	21.7	21.4	3	21.7
	256QAM	1	0	19.4	4	19.7	19.5	5	19.7
		1	12	19.6	4	19.7	19.7	5	19.7
		1	24	19.4	4	19.7	19.5	5	19.7
		12	0	19.4	4	19.7	19.4	5	19.7
		12	7	19.4	4	19.7	19.4	5	19.7
		12	13	19.4	4	19.7	19.4	5	19.7
		25	0	19.4	4	19.7	19.4	5	19.7

LTE Band 14 Measured Results (ANT3)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)			Power Mode B (dBm)		
				23330	MPR	Max Output Pwr	23330	MPR	Max Output Pwr
				793 MHz			793 MHz		
10	QPSK	1	0	24.9	0	25.4	24.9	0	25.4
		1	25	24.9	0	25.4	24.9	0	25.4
		1	49	24.9	0	25.4	24.9	0	25.4
		25	0	24.0	1	24.4	24.0	1	24.4
		25	12	24.0	1	24.4	24.0	1	24.4
		25	25	24.0	1	24.4	24.0	1	24.4
		50	0	24.0	1	24.4	24.0	1	24.4
	16QAM	1	0	24.0	1	24.4	24.0	1	24.4
		1	25	24.2	1	24.4	24.2	1	24.4
		1	49	24.3	1	24.4	24.3	1	24.4
		25	0	23.4	2	23.4	23.4	2	23.4
		25	12	23.0	2	23.4	23.0	2	23.4
		25	25	23.1	2	23.4	23.1	2	23.4
		50	0	23.0	2	23.4	23.0	2	23.4
	64QAM	1	0	23.1	2	23.4	23.1	2	23.4
		1	25	23.2	2	23.4	23.2	2	23.4
		1	49	23.2	2	23.4	23.2	2	23.4
		25	0	22.0	3	22.4	22.0	3	22.4
		25	12	22.0	3	22.4	22.0	3	22.4
		25	25	22.1	3	22.4	22.1	3	22.4
		50	0	22.0	3	22.4	22.0	3	22.4
	256QAM	1	0	20.2	5	20.4	20.2	5	20.4
		1	25	20.3	5	20.4	20.3	5	20.4
		1	49	20.3	5	20.4	20.3	5	20.4
		25	0	20.0	5	20.4	20.0	5	20.4
		25	12	20.0	5	20.4	20.0	5	20.4
		25	25	20.1	5	20.4	20.1	5	20.4
		50	0	20.0	5	20.4	20.0	5	20.4

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
				23330	MPR	Max Output Pwr	23330	MPR	Max Output Pwr
				793 MHz			793 MHz		
5	QPSK	1	0	24.1	0	25.4	24.1	0	25.4
		1	12	25.1	0	25.4	25.1	0	25.4
		1	24	25.1	0	25.4	25.1	0	25.4
		12	0	24.1	1	24.4	24.1	1	24.4
		12	7	24.1	1	24.4	24.1	1	24.4
		12	13	24.1	1	24.4	24.1	1	24.4
		25	0	24.1	1	24.4	24.1	1	24.4
	16QAM	1	0	24.4	1	24.4	24.4	1	24.4
		1	12	24.4	1	24.4	24.4	1	24.4
		1	24	24.4	1	24.4	24.4	1	24.4
		12	0	23.2	2	23.4	23.2	2	23.4
		12	7	23.2	2	23.4	23.2	2	23.4
		12	13	23.2	2	23.4	23.2	2	23.4
		25	0	23.1	2	23.4	23.1	2	23.4
	64QAM	1	0	23.1	2	23.4	23.1	2	23.4
		1	12	23.2	2	23.4	23.2	2	23.4
		1	24	23.2	2	23.4	23.2	2	23.4
		12	0	22.0	3	22.4	22.0	3	22.4
		12	7	22.0	3	22.4	22.0	3	22.4
		12	13	22.1	3	22.4	22.1	3	22.4
		25	0	22.0	3	22.4	22.0	3	22.4
	256QAM	1	0	20.2	5	20.4	20.2	5	20.4
		1	12	20.3	5	20.4	20.3	5	20.4
		1	24	20.3	5	20.4	20.3	5	20.4
		12	0	20.0	5	20.4	20.0	5	20.4
		12	7	20.0	5	20.4	20.0	5	20.4
		12	13	20.1	5	20.4	20.1	5	20.4
		25	0	20.0	5	20.4	20.0	5	20.4

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	Max Output Pwr	26140	26365	26590	MPR	Max Output Pwr
				1860 MHz	1882.5 MHz	1905 MHz			1860 MHz	1882.5 MHz	1905 MHz		
20	QPSK	1	0	24.3	24.2	24.3	0	24.5	21.2	21.2	21.2	0	22.0
		1	49	24.5	24.5	24.4	0	24.5	21.2	21.2	21.2	0	22.0
		1	99	24.2	24.2	24.3	0	24.5	21.1	21.2	21.2	0	22.0
		50	0	24.4	24.3	24.4	0	24.5	21.2	21.1	21.1	0	22.0
		50	24	24.5	24.5	24.5	0	24.5	21.2	21.1	21.1	0	22.0
		50	50	24.4	24.4	24.4	0	24.5	21.2	21.1	21.1	0	22.0
		100	0	24.5	24.5	24.5	0	24.5	21.2	21.2	21.2	0	22.0
	16QAM	1	0	24.5	24.5	24.5	0	24.5	21.4	21.5	21.5	0	22.0
		1	49	24.5	24.5	24.5	0	24.5	21.5	21.6	21.5	0	22.0
		1	99	24.4	24.5	24.5	0	24.5	21.4	21.5	21.4	0	22.0
		50	0	23.6	23.5	23.6	0.8	23.7	21.3	21.3	21.3	0	22.0
		50	24	23.6	23.6	23.7	0.8	23.7	21.4	21.3	21.4	0	22.0
		50	50	23.6	23.6	23.6	0.8	23.7	21.4	21.4	21.4	0	22.0
		100	0	23.6	23.6	23.6	0.8	23.7	21.3	21.3	21.4	0	22.0
	64QAM	1	0	23.4	23.4	23.4	0.8	23.7	21.4	21.5	21.4	0	22.0
		1	49	23.5	23.5	23.4	0.8	23.7	21.4	21.6	21.5	0	22.0
		1	99	23.5	23.4	23.3	0.8	23.7	21.3	21.5	21.3	0	22.0
		50	0	22.3	22.3	22.3	1.8	22.7	21.3	21.4	21.3	0	22.0
		50	24	22.4	22.3	22.4	1.8	22.7	21.4	21.4	21.4	0	22.0
		50	50	22.3	22.4	22.3	1.8	22.7	21.3	21.4	21.3	0	22.0
		100	0	22.4	22.3	22.3	1.8	22.7	21.4	21.4	21.4	0	22.0
	256QAM	1	0	20.5	20.5	20.3	3.8	20.7	20.1	20.2	20.1	1.3	20.7
		1	49	20.5	20.5	20.4	3.8	20.7	20.2	20.2	20.1	1.3	20.7
		1	99	20.6	20.6	20.4	3.8	20.7	20.2	20.3	20.1	1.3	20.7
		50	0	20.3	20.3	20.3	3.8	20.7	20.0	20.0	19.9	1.3	20.7
		50	24	20.4	20.3	20.3	3.8	20.7	20.1	20.0	20.0	1.3	20.7
		50	50	20.4	20.4	20.3	3.8	20.7	20.1	20.1	20.0	1.3	20.7
		100	0	20.4	20.3	20.3	3.8	20.7	20.0	20.0	20.0	1.3	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26115	26365	26615	MPR	Max Output Pwr	26115	26365	26590	MPR	Max Output Pwr
				1857.5 MHz	1882.5 MHz	1907.5 MHz			1860 MHz	1882.5 MHz	1905 MHz		
15	QPSK	1	0	24.3	24.3	24.2	0	24.5	21.2	21.2	21.2	0	22.0
		1	37	24.3	24.3	24.3	0	24.5	21.2	21.2	21.3	0	22.0
		1	74	24.3	24.2	24.2	0	24.5	21.2	21.1	21.2	0	22.0
		36	0	24.4	24.3	24.4	0	24.5	21.3	21.3	21.3	0	22.0
		36	20	24.4	24.4	24.3	0	24.5	21.4	21.3	21.3	0	22.0
		36	39	24.4	24.4	24.4	0	24.5	21.3	21.4	21.3	0	22.0
		75	0	24.4	24.4	24.4	0	24.5	21.4	21.3	21.4	0	22.0
	16QAM	1	0	24.5	24.5	24.5	0	24.5	21.6	21.5	21.6	0	22.0
		1	37	24.5	24.5	24.5	0	24.5	21.7	21.7	21.6	0	22.0
		1	74	24.5	24.5	24.5	0	24.5	21.7	21.6	21.5	0	22.0
		36	0	23.6	23.5	23.6	0.8	23.7	21.3	21.3	21.3	0	22.0
		36	20	23.6	23.6	23.6	0.8	23.7	21.4	21.3	21.3	0	22.0
		36	39	23.6	23.6	23.6	0.8	23.7	21.4	21.4	21.3	0	22.0
		75	0	23.6	23.6	23.5	0.8	23.7	21.4	21.3	21.4	0	22.0
	64QAM	1	0	23.3	23.4	23.4	0.8	23.7	21.4	21.3	21.4	0	22.0
		1	37	23.4	23.4	23.4	0.8	23.7	21.5	21.4	21.4	0	22.0
		1	74	23.4	23.3	23.4	0.8	23.7	21.5	21.3	21.3	0	22.0
		36	0	22.3	22.3	22.3	1.8	22.7	21.3	21.3	21.3	0	22.0
		36	20	22.4	22.3	22.3	1.8	22.7	21.3	21.3	21.3	0	22.0
		36	39	22.4	22.4	22.3	1.8	22.7	21.4	21.4	21.3	0	22.0
		75	0	22.4	22.3	22.4	1.8	22.7	21.3	21.3	21.4	0	22.0
	256QAM	1	0	20.3	20.5	20.4	3.8	20.7	20.0	20.1	20.0	1.3	20.7
		1	37	20.4	20.5	20.4	3.8	20.7	20.0	20.1	20.0	1.3	20.7
		1	74	20.4	20.6	20.3	3.8	20.7	20.1	20.1	20.0	1.3	20.7
		36	0	20.3	20.3	20.2	3.8	20.7	20.0	20.0	19.9	1.3	20.7
		36	20	20.4	20.3	20.2	3.8	20.7	20.0	20.0	19.9	1.3	20.7
		36	39	20.4	20.4	20.3	3.8	20.7	20.0	20.0	20.0	1.3	20.7
		75	0	20.4	20.3	20.3	3.8	20.7	20.0	19.9	20.0	1.3	20.7

LTE Band 25 Measured Results (ANT1) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26090	26365	26640	MPR	Max Output Pwr	26090	26365	26590	MPR	Max Output Pwr
				1855 MHz	1882.5 MHz	1910 MHz			1860 MHz	1882.5 MHz	1905 MHz		
10	QPSK	1	0	24.4	24.3	24.4	0	24.5	21.4	21.5	21.4	0	22.0
		1	25	24.5	24.4	24.4	0	24.5	21.5	21.5	21.4	0	22.0
		1	49	24.4	24.3	24.4	0	24.5	21.4	21.5	21.4	0	22.0
		25	0	24.5	24.4	24.4	0	24.5	21.4	21.5	21.4	0	22.0
		25	12	24.5	24.5	24.4	0	24.5	21.5	21.5	21.4	0	22.0
		25	25	24.5	24.5	24.5	0	24.5	21.5	21.5	21.5	0	22.0
		50	0	24.5	24.5	24.4	0	24.5	21.5	21.4	21.4	0	22.0
	16QAM	1	0	24.5	24.5	24.5	0	24.5	21.6	21.7	21.6	0	22.0
		1	25	24.5	24.5	24.5	0	24.5	21.7	21.7	21.7	0	22.0
		1	49	24.5	24.5	24.5	0	24.5	21.7	21.7	21.6	0	22.0
		25	0	23.7	23.6	23.6	0.8	23.7	21.4	21.4	21.4	0	22.0
		25	12	23.7	23.7	23.7	0.8	23.7	21.5	21.5	21.4	0	22.0
		25	25	23.7	23.7	23.7	0.8	23.7	21.5	21.5	21.5	0	22.0
		50	0	23.7	23.7	23.6	0.8	23.7	21.5	21.4	21.4	0	22.0
	64QAM	1	0	23.7	23.7	23.6	0.8	23.7	21.5	21.7	21.6	0	22.0
		1	25	23.7	23.7	23.7	0.8	23.7	21.6	21.7	21.6	0	22.0
		1	49	23.7	23.7	23.7	0.8	23.7	21.6	21.7	21.6	0	22.0
		25	0	22.4	22.5	22.4	1.8	22.7	21.4	21.5	21.4	0	22.0
		25	12	22.6	22.5	22.4	1.8	22.7	21.5	21.5	21.4	0	22.0
		25	25	22.5	22.6	22.5	1.8	22.7	21.5	21.6	21.5	0	22.0
		50	0	22.5	22.5	22.4	1.8	22.7	21.5	21.5	21.4	0	22.0
	256QAM	1	0	20.6	20.6	20.5	3.8	20.7	20.3	20.3	20.2	1.3	20.7
		1	25	20.7	20.7	20.7	3.8	20.7	20.4	20.4	20.3	1.3	20.7
		1	49	20.7	20.7	20.6	3.8	20.7	20.4	20.3	20.3	1.3	20.7
		25	0	20.5	20.5	20.4	3.8	20.7	20.1	20.2	20.1	1.3	20.7
		25	12	20.6	20.5	20.4	3.8	20.7	20.2	20.2	20.1	1.3	20.7
		25	25	20.5	20.6	20.5	3.8	20.7	20.2	20.3	20.1	1.3	20.7
		50	0	20.5	20.5	20.4	3.8	20.7	20.2	20.2	20.1	1.3	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26065	26365	26665	MPR	Max Output Pwr	26065	26365	26590	MPR	Max Output Pwr
				1852.5 MHz	1882.5 MHz	1912.5 MHz			1860 MHz	1882.5 MHz	1905 MHz		
5	QPSK	1	0	24.4	24.3	24.4	0	24.5	21.3	21.4	21.4	0	22.0
		1	12	24.5	24.4	24.5	0	24.5	21.5	21.5	21.4	0	22.0
		1	24	24.4	24.3	24.4	0	24.5	21.4	21.4	21.4	0	22.0
		12	0	24.5	24.4	24.4	0	24.5	21.4	21.4	21.4	0	22.0
		12	7	24.5	24.5	24.5	0	24.5	21.5	21.5	21.5	0	22.0
		12	13	24.5	24.4	24.5	0	24.5	21.5	21.5	21.5	0	22.0
		25	0	24.5	24.4	24.4	0	24.5	21.5	21.4	21.5	0	22.0
	16QAM	1	0	24.5	24.5	24.5	0	24.5	21.7	21.7	21.7	0	22.0
		1	12	24.5	24.5	24.5	0	24.5	21.7	21.7	21.7	0	22.0
		1	24	24.5	24.5	24.5	0	24.5	21.7	21.7	21.7	0	22.0
		12	0	23.7	23.5	23.7	0.8	23.7	21.4	21.4	21.4	0	22.0
		12	7	23.7	23.6	23.7	0.8	23.7	21.5	21.5	21.6	0	22.0
		12	13	23.7	23.6	23.7	0.8	23.7	21.5	21.5	21.5	0	22.0
		25	0	23.7	23.7	23.6	0.8	23.7	21.5	21.4	21.5	0	22.0
	64QAM	1	0	23.7	23.7	23.6	0.8	23.7	21.6	21.6	21.7	0	22.0
		1	12	23.7	23.7	23.7	0.8	23.7	21.7	21.7	21.7	0	22.0
		1	24	23.7	23.7	23.6	0.8	23.7	21.7	21.6	21.7	0	22.0
		12	0	22.4	22.5	22.4	1.8	22.7	21.4	21.5	21.4	0	22.0
		12	7	22.5	22.5	22.5	1.8	22.7	21.5	21.5	21.5	0	22.0
		12	13	22.5	22.6	22.5	1.8	22.7	21.5	21.5	21.5	0	22.0
		25	0	22.5	22.5	22.5	1.8	22.7	21.5	21.5	21.5	0	22.0
	256QAM	1	0	20.5	20.5	20.5	3.8	20.7	20.2	20.3	20.3	1.3	20.7
		1	12	20.6	20.7	20.7	3.8	20.7	20.3	20.4	20.4	1.3	20.7
		1	24	20.6	20.6	20.6	3.8	20.7	20.4	20.4	20.3	1.3	20.7
		12	0	20.4	20.5	20.4	3.8	20.7	20.1	20.2	20.1	1.3	20.7
		12	7	20.6	20.5	20.5	3.8	20.7	20.2	20.2	20.2	1.3	20.7
		12	13	20.5	20.6	20.5	3.8	20.7	20.2	20.2	20.2	1.3	20.7
		25	0	20.5	20.5	20.5	3.8	20.7	20.2	20.2	20.2	1.3	20.7

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	Max Output Pwr	26055	26365	26590	MPR	Max Output Pwr
				1851.5 MHz	1882.5 MHz	1913.5 MHz			1860 MHz	1882.5 MHz	1905 MHz		
3	QPSK	1	0	24.4	24.3	24.4	0	24.5	21.4	21.4	21.4	0	22.0
		1	8	24.5	24.4	24.5	0	24.5	21.5	21.5	21.5	0	22.0
		1	14	24.4	24.3	24.4	0	24.5	21.4	21.4	21.4	0	22.0
		8	0	24.5	24.4	24.5	0	24.5	21.5	21.4	21.4	0	22.0
		8	4	24.5	24.4	24.5	0	24.5	21.5	21.5	21.5	0	22.0
		8	7	24.5	24.4	24.5	0	24.5	21.5	21.5	21.5	0	22.0
		15	0	24.5	24.4	24.5	0	24.5	21.5	21.5	21.5	0	22.0
	16QAM	1	0	24.5	24.5	24.5	0	24.5	21.7	21.7	21.6	0	22.0
		1	8	24.5	24.5	24.5	0	24.5	21.7	21.7	21.7	0	22.0
		1	14	24.5	24.5	24.5	0	24.5	21.7	21.7	21.7	0	22.0
		8	0	23.7	23.7	23.7	0.8	23.7	21.5	21.5	21.4	0	22.0
		8	4	23.7	23.7	23.7	0.8	23.7	21.5	21.5	21.5	0	22.0
		8	7	23.7	23.7	23.7	0.8	23.7	21.6	21.5	21.5	0	22.0
		15	0	23.7	23.7	23.7	0.8	23.7	21.5	21.4	21.5	0	22.0
	64QAM	1	0	23.5	23.6	23.5	0.8	23.7	21.7	21.7	21.7	0	22.0
		1	8	23.7	23.7	23.7	0.8	23.7	21.7	21.7	21.7	0	22.0
		1	14	23.6	23.7	23.6	0.8	23.7	21.7	21.6	21.6	0	22.0
		8	0	22.5	22.5	22.4	1.8	22.7	21.5	21.5	21.4	0	22.0
		8	4	22.5	22.5	22.5	1.8	22.7	21.5	21.5	21.5	0	22.0
		8	7	22.5	22.5	22.5	1.8	22.7	21.5	21.5	21.5	0	22.0
		15	0	22.5	22.5	22.5	1.8	22.7	21.5	21.5	21.5	0	22.0
	256QAM	1	0	20.5	20.6	20.5	3.8	20.7	20.2	20.3	20.2	1.3	20.7
		1	8	20.6	20.7	20.7	3.8	20.7	20.4	20.4	20.4	1.3	20.7
		1	14	20.6	20.6	20.6	3.8	20.7	20.3	20.4	20.2	1.3	20.7
		8	0	20.5	20.5	20.4	3.8	20.7	20.2	20.2	20.1	1.3	20.7
		8	4	20.6	20.5	20.5	3.8	20.7	20.3	20.2	20.2	1.3	20.7
		8	7	20.6	20.5	20.5	3.8	20.7	20.3	20.2	20.2	1.3	20.7
		15	0	20.5	20.5	20.5	3.8	20.7	20.2	20.2	20.2	1.3	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26047	26365	26683	MPR	Max Output Pwr	26047	26365	26590	MPR	Max Output Pwr
				1850.7 MHz	1882.5 MHz	1914.3 MHz			1860 MHz	1882.5 MHz	1905 MHz		
1.4	QPSK	1	0	24.3	24.4	24.4	0	24.5	21.4	21.5	21.4	0	22.0
		1	3	24.4	24.4	24.4	0	24.5	21.5	21.5	21.5	0	22.0
		1	5	24.4	24.4	24.4	0	24.5	21.4	21.5	21.4	0	22.0
		3	0	24.4	24.4	24.5	0	24.5	21.5	21.5	21.5	0	22.0
		3	1	24.4	24.4	24.5	0	24.5	21.5	21.6	21.5	0	22.0
		3	3	24.5	24.4	24.5	0	24.5	21.5	21.6	21.5	0	22.0
		6	0	24.4	24.4	24.5	0	24.5	21.5	21.5	21.4	0	22.0
	16QAM	1	0	24.5	24.5	24.5	0	24.5	21.7	21.7	21.7	0	22.0
		1	3	24.5	24.5	24.5	0	24.5	21.6	21.7	21.7	0	22.0
		1	5	24.5	24.5	24.5	0	24.5	21.7	21.7	21.7	0	22.0
		3	0	24.5	24.5	24.5	0	24.5	21.6	21.6	21.5	0	22.0
		3	1	24.5	24.5	24.5	0	24.5	21.6	21.6	21.5	0	22.0
		3	3	24.5	24.5	24.5	0	24.5	21.6	21.7	21.5	0	22.0
		6	0	23.7	23.7	23.7	0.8	23.7	21.5	21.5	21.4	0	22.0
	64QAM	1	0	23.4	23.7	23.4	0.8	23.7	21.7	21.7	21.7	0	22.0
		1	3	23.5	23.7	23.5	0.8	23.7	21.7	21.7	21.7	0	22.0
		1	5	23.5	23.6	23.5	0.8	23.7	21.7	21.7	21.7	0	22.0
		3	0	23.4	23.4	23.5	0.8	23.7	21.5	21.6	21.5	0	22.0
		3	1	23.4	23.4	23.4	0.8	23.7	21.5	21.6	21.5	0	22.0
		3	3	23.4	23.5	23.5	0.8	23.7	21.5	21.6	21.5	0	22.0
		6	0	22.5	22.4	22.4	1.8	22.7	21.5	21.4	21.3	0	22.0
	256QAM	1	0	20.6	20.6	20.5	3.8	20.7	20.3	20.3	20.1	1.3	20.7
		1	3	20.6	20.6	20.6	3.8	20.7	20.3	20.4	20.2	1.3	20.7
		1	5	20.6	20.6	20.6	3.8	20.7	20.4	20.4	20.2	1.3	20.7
		3	0	20.6	20.5	20.5	3.8	20.7	20.2	20.2	20.1	1.3	20.7
		3	1	20.6	20.5	20.5	3.8	20.7	20.2	20.2	20.1	1.3	20.7
		3	3	20.6	20.6	20.5	3.8	20.7	20.2	20.3	20.2	1.3	20.7
		6	0	20.5	20.5	20.5	3.8	20.7	20.2	20.3	20.0	1.3	20.7

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	Max Output Pwr	26140	26365	26590	MPR	Max Output Pwr
				1860 MHz	1882.5 MHz	1905 MHz			1860 MHz	1882.5 MHz	1905 MHz		
20	QPSK	1	0	18.5	18.4	18.4	0	19.5	18.5	18.5	18.4	0	19.2
		1	49	18.6	18.4	18.4	0	19.5	18.7	18.7	18.4	0	19.2
		1	99	18.4	18.4	18.4	0	19.5	18.4	18.5	18.4	0	19.2
		50	0	18.6	18.6	18.4	0	19.5	18.6	18.6	18.4	0	19.2
		50	24	18.7	18.6	18.4	0	19.5	18.8	18.7	18.4	0	19.2
		50	50	18.6	18.6	18.4	0	19.5	18.6	18.7	18.4	0	19.2
		100	0	18.7	18.6	18.4	0	19.5	18.6	18.6	18.5	0	19.2
	16QAM	1	0	18.7	18.7	18.7	0	19.5	18.8	18.8	18.8	0	19.2
		1	49	18.7	18.7	18.7	0	19.5	18.8	18.8	18.8	0	19.2
		1	99	18.7	18.7	18.7	0	19.5	18.7	18.8	18.8	0	19.2
		50	0	18.6	18.6	18.6	0	19.5	18.6	18.6	18.6	0	19.2
		50	24	18.7	18.7	18.6	0	19.5	18.7	18.7	18.7	0	19.2
		50	50	18.7	18.6	18.6	0	19.5	18.7	18.7	18.7	0	19.2
		100	0	18.7	18.6	18.6	0	19.5	18.7	18.6	18.7	0	19.2
	64QAM	1	0	18.6	18.6	18.4	0	19.5	18.7	18.6	18.6	0	19.2
		1	49	18.7	18.7	18.5	0	19.5	18.8	18.7	18.6	0	19.2
		1	99	18.6	18.5	18.4	0	19.5	18.6	18.6	18.5	0	19.2
		50	0	18.5	18.4	18.3	0	19.5	18.6	18.6	18.4	0	19.2
		50	24	18.6	18.5	18.4	0	19.5	18.7	18.7	18.5	0	19.2
		50	50	18.5	18.5	18.4	0	19.5	18.6	18.6	18.5	0	19.2
		100	0	18.6	18.5	18.4	0	19.5	18.7	18.6	18.5	0	19.2
	256QAM	1	0	17.6	17.5	17.3	1.1	18.4	17.9	17.9	17.7	0.8	18.4
		1	49	17.6	17.5	17.3	1.1	18.4	17.9	17.9	17.7	0.8	18.4
		1	99	17.6	17.5	17.4	1.1	18.4	18.0	17.9	17.7	0.8	18.4
		50	0	17.4	17.4	17.2	1.1	18.4	17.8	17.7	17.6	0.8	18.4
		50	24	17.5	17.4	17.3	1.1	18.4	17.9	17.8	17.7	0.8	18.4
		50	50	17.5	17.4	17.3	1.1	18.4	17.9	17.8	17.7	0.8	18.4
		100	0	17.5	17.4	17.3	1.1	18.4	17.9	17.8	17.7	0.8	18.4

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26115	26365	26615	MPR	Max Output Pwr	26115	26365	26590	MPR	Max Output Pwr
				1857.5 MHz	1882.5 MHz	1907.5 MHz			1860 MHz	1882.5 MHz	1905 MHz		
15	QPSK	1	0	18.5	18.5	18.5	0	19.5	18.6	18.5	18.5	0	19.2
		1	37	18.5	18.5	18.5	0	19.5	18.6	18.5	18.5	0	19.2
		1	74	18.5	18.5	18.5	0	19.5	18.6	18.4	18.4	0	19.2
		36	0	18.6	18.5	18.6	0	19.5	18.7	18.6	18.6	0	19.2
		36	20	18.7	18.5	18.6	0	19.5	18.8	18.6	18.5	0	19.2
		36	39	18.7	18.6	18.6	0	19.5	18.7	18.6	18.6	0	19.2
		75	0	18.7	18.6	18.6	0	19.5	18.8	18.6	18.6	0	19.2
	16QAM	1	0	18.7	18.7	18.7	0	19.5	18.8	18.8	18.8	0	19.2
		1	37	18.7	18.7	18.7	0	19.5	18.8	18.8	18.8	0	19.2
		1	74	18.7	18.7	18.7	0	19.5	18.8	18.8	18.8	0	19.2
		36	0	18.6	18.6	18.6	0	19.5	18.7	18.6	18.6	0	19.2
		36	20	18.7	18.5	18.6	0	19.5	18.8	18.6	18.6	0	19.2
		36	39	18.7	18.6	18.7	0	19.5	18.8	18.6	18.7	0	19.2
		75	0	18.7	18.5	18.6	0	19.5	18.8	18.6	18.6	0	19.2
	64QAM	1	0	18.7	18.5	18.4	0	19.5	18.7	18.6	18.6	0	19.2
		1	37	18.7	18.5	18.5	0	19.5	18.7	18.7	18.6	0	19.2
		1	74	18.7	18.4	18.4	0	19.5	18.7	18.5	18.5	0	19.2
		36	0	18.5	18.5	18.3	0	19.5	18.5	18.5	18.4	0	19.2
		36	20	18.6	18.5	18.4	0	19.5	18.6	18.6	18.5	0	19.2
		36	39	18.6	18.5	18.4	0	19.5	18.6	18.6	18.5	0	19.2
		75	0	18.6	18.6	18.4	0	19.5	18.6	18.6	18.5	0	19.2
	256QAM	1	0	17.5	17.5	17.4	1.1	18.4	17.8	17.9	17.7	0.8	18.4
		1	37	17.5	17.5	17.4	1.1	18.4	17.8	17.9	17.7	0.8	18.4
		1	74	17.5	17.6	17.4	1.1	18.4	17.8	17.9	17.7	0.8	18.4
		36	0	17.4	17.4	17.2	1.1	18.4	17.8	17.7	17.6	0.8	18.4
		36	20	17.5	17.4	17.3	1.1	18.4	17.8	17.8	17.7	0.8	18.4
		36	39	17.5	17.4	17.3	1.1	18.4	17.8	17.8	17.7	0.8	18.4
		75	0	17.5	17.4	17.3	1.1	18.4	17.8	17.8	17.7	0.8	18.4

LTE Band 25 Measured Results (ANT2) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26090	26365	26640	MPR	Max Output Pwr	26090	26365	26590	MPR	Max Output Pwr
				1855 MHz	1882.5 MHz	1910 MHz			1860 MHz	1882.5 MHz	1905 MHz		
10	QPSK	1	0	18.7	18.6	18.7	0	19.5	18.8	18.8	18.8	0	19.2
		1	25	18.7	18.7	18.7	0	19.5	18.8	18.8	18.8	0	19.2
		1	49	18.7	18.6	18.7	0	19.5	18.8	18.8	18.8	0	19.2
		25	0	18.7	18.7	18.7	0	19.5	18.8	18.8	18.8	0	19.2
		25	12	18.7	18.7	18.7	0	19.5	18.8	18.8	18.8	0	19.2
		25	25	18.7	18.7	18.7	0	19.5	18.8	18.8	18.8	0	19.2
		50	0	18.7	18.7	18.7	0	19.5	18.8	18.8	18.8	0	19.2
	16QAM	1	0	18.7	18.7	18.7	0	19.5	18.8	18.8	18.8	0	19.2
		1	25	18.7	18.7	18.7	0	19.5	18.8	18.8	18.8	0	19.2
		1	49	18.7	18.7	18.7	0	19.5	18.8	18.8	18.8	0	19.2
		25	0	18.7	18.6	18.7	0	19.5	18.8	18.8	18.8	0	19.2
		25	12	18.7	18.7	18.7	0	19.5	18.8	18.8	18.8	0	19.2
		25	25	18.7	18.7	18.7	0	19.5	18.8	18.8	18.8	0	19.2
		50	0	18.7	18.7	18.7	0	19.5	18.8	18.8	18.8	0	19.2
	64QAM	1	0	18.7	18.7	18.5	0	19.5	18.8	18.8	18.7	0	19.2
		1	25	18.7	18.7	18.6	0	19.5	18.8	18.8	18.7	0	19.2
		1	49	18.7	18.6	18.5	0	19.5	18.8	18.8	18.7	0	19.2
		25	0	18.7	18.6	18.5	0	19.5	18.7	18.6	18.5	0	19.2
		25	12	18.7	18.7	18.5	0	19.5	18.8	18.7	18.5	0	19.2
		25	25	18.7	18.6	18.6	0	19.5	18.8	18.7	18.6	0	19.2
		50	0	18.7	18.6	18.5	0	19.5	18.7	18.7	18.5	0	19.2
	256QAM	1	0	17.6	17.6	17.5	1.1	18.4	17.9	18.0	17.9	0.8	18.4
		1	25	17.6	17.6	17.6	1.1	18.4	18.0	18.0	17.9	0.8	18.4
		1	49	17.6	17.6	17.5	1.1	18.4	18.0	18.0	17.9	0.8	18.4
		25	0	17.6	17.5	17.3	1.1	18.4	17.9	17.8	17.7	0.8	18.4
		25	12	17.6	17.6	17.4	1.1	18.4	18.0	18.0	17.7	0.8	18.4
		25	25	17.6	17.5	17.4	1.1	18.4	17.9	17.9	17.8	0.8	18.4
		50	0	17.6	17.5	17.3	1.1	18.4	17.9	17.9	17.7	0.8	18.4

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26065	26365	26665	MPR	Max Output Pwr	26065	26365	26590	MPR	Max Output Pwr
				1852.5 MHz	1882.5 MHz	1912.5 MHz			1860 MHz	1882.5 MHz	1905 MHz		
5	QPSK	1	0	18.7	18.6	18.7	0	19.5	18.8	18.7	18.7	0	19.2
		1	12	18.7	18.7	18.7	0	19.5	18.8	18.8	18.8	0	19.2
		1	24	18.7	18.6	18.7	0	19.5	18.8	18.8	18.8	0	19.2
		12	0	18.7	18.7	18.7	0	19.5	18.8	18.8	18.8	0	19.2
		12	7	18.7	18.7	18.7	0	19.5	18.8	18.8	18.8	0	19.2
		12	13	18.7	18.7	18.7	0	19.5	18.8	18.8	18.8	0	19.2
		25	0	18.7	18.7	18.7	0	19.5	18.8	18.8	18.8	0	19.2
	16QAM	1	0	18.7	18.7	18.7	0	19.5	18.8	18.8	18.8	0	19.2
		1	12	18.7	18.7	18.7	0	19.5	18.8	18.8	18.8	0	19.2
		1	24	18.7	18.7	18.7	0	19.5	18.8	18.8	18.8	0	19.2
		12	0	18.7	18.7	18.7	0	19.5	18.8	18.7	18.8	0	19.2
		12	7	18.7	18.7	18.7	0	19.5	18.8	18.8	18.8	0	19.2
		12	13	18.7	18.7	18.7	0	19.5	18.8	18.8	18.8	0	19.2
		25	0	18.7	18.7	18.7	0	19.5	18.8	18.8	18.8	0	19.2
	64QAM	1	0	18.7	18.7	18.6	0	19.5	18.8	18.8	18.6	0	19.2
		1	12	18.7	18.7	18.6	0	19.5	18.8	18.8	18.7	0	19.2
		1	24	18.7	18.7	18.6	0	19.5	18.8	18.8	18.6	0	19.2
		12	0	18.7	18.6	18.5	0	19.5	18.7	18.6	18.5	0	19.2
		12	7	18.7	18.7	18.5	0	19.5	18.8	18.8	18.5	0	19.2
		12	13	18.7	18.6	18.5	0	19.5	18.7	18.7	18.6	0	19.2
		25	0	18.7	18.6	18.5	0	19.5	18.7	18.7	18.5	0	19.2
	256QAM	1	0	17.6	17.5	17.5	1.1	18.4	18.0	17.9	17.8	0.8	18.4
		1	12	17.6	17.6	17.6	1.1	18.4	18.0	18.0	18.0	0.8	18.4
		1	24	17.6	17.6	17.6	1.1	18.4	18.0	18.0	17.9	0.8	18.4
		12	0	17.6	17.5	17.3	1.1	18.4	17.9	17.8	17.7	0.8	18.4
		12	7	17.6	17.6	17.4	1.1	18.4	18.0	17.9	17.8	0.8	18.4
		12	13	17.6	17.5	17.4	1.1	18.4	17.9	17.9	17.8	0.8	18.4
		25	0	17.6	17.5	17.3	1.1	18.4	17.9	17.9	17.7	0.8	18.4

LTE Band 25 Measured Results (ANT2) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26055	26365	26675	MPR	Max Output Pwr	26055	26365	26590	MPR	Max Output Pwr
				1851.5 MHz	1882.5 MHz	1913.5 MHz			1860 MHz	1882.5 MHz	1905 MHz		
3	QPSK	1	0	18.7	18.6	18.7	0	19.5	18.8	18.7	18.7	0	19.2
		1	8	18.7	18.7	18.7	0	19.5	18.8	18.8	18.8	0	19.2
		1	14	18.7	18.6	18.6	0	19.5	18.8	18.7	18.8	0	19.2
		8	0	18.7	18.7	18.7	0	19.5	18.8	18.8	18.8	0	19.2
		8	4	18.7	18.7	18.7	0	19.5	18.8	18.8	18.8	0	19.2
		8	7	18.7	18.7	18.7	0	19.5	18.8	18.8	18.8	0	19.2
		15	0	18.7	18.7	18.7	0	19.5	18.8	18.8	18.8	0	19.2
	16QAM	1	0	18.7	18.7	18.7	0	19.5	18.8	18.8	18.8	0	19.2
		1	8	18.7	18.7	18.7	0	19.5	18.8	18.8	18.8	0	19.2
		1	14	18.7	18.7	18.7	0	19.5	18.8	18.8	18.8	0	19.2
		8	0	18.7	18.7	18.7	0	19.5	18.8	18.8	18.8	0	19.2
		8	4	18.7	18.7	18.7	0	19.5	18.8	18.8	18.8	0	19.2
		8	7	18.7	18.7	18.7	0	19.5	18.8	18.8	18.8	0	19.2
		15	0	18.7	18.7	18.7	0	19.5	18.8	18.8	18.8	0	19.2
	64QAM	1	0	18.7	18.6	18.6	0	19.5	18.8	18.8	18.7	0	19.2
		1	8	18.7	18.7	18.7	0	19.5	18.8	18.8	18.8	0	19.2
		1	14	18.7	18.7	18.7	0	19.5	18.8	18.8	18.7	0	19.2
		8	0	18.7	18.6	18.5	0	19.5	18.8	18.7	18.6	0	19.2
		8	4	18.7	18.7	18.6	0	19.5	18.8	18.8	18.6	0	19.2
		8	7	18.7	18.6	18.6	0	19.5	18.8	18.7	18.6	0	19.2
		15	0	18.7	18.6	18.5	0	19.5	18.7	18.7	18.6	0	19.2
	256QAM	1	0	17.6	17.5	17.5	1.1	18.4	18.0	18.0	17.9	0.8	18.4
		1	8	17.6	17.6	17.5	1.1	18.4	18.0	18.0	18.0	0.8	18.4
		1	14	17.6	17.6	17.5	1.1	18.4	18.0	18.0	18.0	0.8	18.4
		8	0	17.6	17.5	17.4	1.1	18.4	17.9	17.9	17.8	0.8	18.4
		8	4	17.6	17.6	17.5	1.1	18.4	18.0	17.9	17.9	0.8	18.4
		8	7	17.6	17.5	17.4	1.1	18.4	18.0	17.9	17.9	0.8	18.4
		15	0	17.6	17.5	17.4	1.1	18.4	17.9	17.9	17.8	0.8	18.4

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26047	26365	26683	MPR	Max Output Pwr	26047	26365	26590	MPR	Max Output Pwr
				1850.7 MHz	1882.5 MHz	1914.3 MHz			1860 MHz	1882.5 MHz	1905 MHz		
1.4	QPSK	1	0	18.7	18.7	18.7	0	19.5	18.8	18.7	18.8	0	19.2
		1	3	18.7	18.7	18.7	0	19.5	18.8	18.8	18.8	0	19.2
		1	5	18.7	18.7	18.7	0	19.5	18.8	18.7	18.8	0	19.2
		3	0	18.7	18.7	18.7	0	19.5	18.8	18.8	18.8	0	19.2
		3	1	18.7	18.7	18.7	0	19.5	18.8	18.8	18.8	0	19.2
		3	3	18.7	18.7	18.7	0	19.5	18.8	18.8	18.8	0	19.2
		6	0	18.7	18.7	18.7	0	19.5	18.8	18.8	18.8	0	19.2
	16QAM	1	0	18.7	18.7	18.7	0	19.5	18.8	18.8	18.8	0	19.2
		1	3	18.7	18.7	18.7	0	19.5	18.8	18.8	18.8	0	19.2
		1	5	18.7	18.7	18.7	0	19.5	18.8	18.8	18.8	0	19.2
		3	0	18.7	18.7	18.7	0	19.5	18.8	18.8	18.8	0	19.2
		3	1	18.7	18.7	18.7	0	19.5	18.8	18.8	18.8	0	19.2
		3	3	18.7	18.7	18.7	0	19.5	18.8	18.8	18.8	0	19.2
		6	0	18.7	18.7	18.7	0	19.5	18.8	18.8	18.8	0	19.2
	64QAM	1	0	18.7	18.7	18.6	0	19.5	18.8	18.8	18.7	0	19.2
		1	3	18.7	18.7	18.7	0	19.5	18.8	18.8	18.7	0	19.2
		1	5	18.7	18.7	18.6	0	19.5	18.8	18.8	18.7	0	19.2
		3	0	18.5	18.7	18.6	0	19.5	18.7	18.7	18.6	0	19.2
		3	1	18.5	18.7	18.6	0	19.5	18.8	18.7	18.6	0	19.2
		3	3	18.5	18.7	18.6	0	19.5	18.8	18.7	18.6	0	19.2
		6	0	18.7	18.6	18.5	0	19.5	18.8	18.7	18.5	0	19.2
	256QAM	1	0	17.6	17.6	17.5	1.1	18.4	18.0	17.9	17.8	0.8	18.4
		1	3	17.6	17.6	17.6	1.1	18.4	18.0	18.0	17.9	0.8	18.4
		1	5	17.6	17.6	17.5	1.1	18.4	18.0	18.0	17.9	0.8	18.4
		3	0	17.6	17.5	17.3	1.1	18.4	17.9	17.9	17.8	0.8	18.4
		3	1	17.6	17.5	17.4	1.1	18.4	17.9	17.9	17.9	0.8	18.4
		3	3	17.6	17.5	17.4	1.1	18.4	18.0	17.9	17.9	0.8	18.4
		6	0	17.5	17.5	17.3	1.1	18.4	17.9	17.8	17.9	0.8	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	Max Output Pwr	26140	26365	26590	MPR	Max Output Pwr
				1860 MHz	1882.5 MHz	1905 MHz			1860 MHz	1882.5 MHz	1905 MHz		
20	QPSK	1	0	20.8	20.7	20.7	0	21.2	19.3	19.2	19.3	0	20.5
		1	49	20.8	20.7	20.7	0	21.2	19.4	19.4	19.5	0	20.5
		1	99	20.8	20.7	20.7	0	21.2	19.2	19.2	19.3	0	20.5
		50	0	20.8	20.8	20.8	0	21.2	19.5	19.3	19.3	0	20.5
		50	24	20.8	20.8	20.8	0	21.2	19.5	19.6	19.6	0	20.5
		50	50	20.8	20.8	20.8	0	21.2	19.4	19.3	19.4	0	20.5
		100	0	20.7	20.7	20.7	0	21.2	19.6	19.5	19.6	0	20.5
	16QAM	1	0	20.8	20.8	20.8	0	21.2	19.4	19.4	19.4	0	20.5
		1	49	20.8	20.8	20.8	0	21.2	19.4	19.4	19.4	0	20.5
		1	99	20.8	20.8	20.8	0	21.2	19.4	19.4	19.4	0	20.5
		50	0	20.6	20.7	20.7	0	21.2	19.4	19.3	19.3	0	20.5
		50	24	20.8	20.8	20.7	0	21.2	19.4	19.4	19.4	0	20.5
		50	50	20.7	20.8	20.8	0	21.2	19.4	19.4	19.4	0	20.5
		100	0	20.7	20.8	20.7	0	21.2	19.5	19.4	19.4	0	20.5
	64QAM	1	0	21.1	21.0	21.1	0	21.2	19.3	19.4	19.3	0	20.5
		1	49	21.1	21.1	21.2	0	21.2	19.3	19.4	19.4	0	20.5
		1	99	21.0	21.1	21.1	0	21.2	19.2	19.4	19.4	0	20.5
		50	0	21.0	20.9	21.0	0	21.2	19.3	19.2	19.2	0	20.5
		50	24	21.0	21.0	21.1	0	21.2	19.3	19.3	19.3	0	20.5
		50	50	20.9	21.0	21.0	0	21.2	19.2	19.3	19.3	0	20.5
		100	0	21.0	21.0	21.1	0	21.2	19.3	19.3	19.3	0	20.5
	256QAM	1	0	20.4	20.4	20.2	0.7	20.5	19.4	19.4	19.3	0	20.5
		1	49	20.4	20.4	20.3	0.7	20.5	19.4	19.4	19.4	0	20.5
		1	99	20.4	20.5	20.3	0.7	20.5	19.3	19.5	19.4	0	20.5
		50	0	20.3	20.2	20.2	0.7	20.5	19.3	19.2	19.2	0	20.5
		50	24	20.3	20.3	20.4	0.7	20.5	19.3	19.3	19.3	0	20.5
		50	50	20.2	20.3	20.4	0.7	20.5	19.2	19.3	19.4	0	20.5
		100	0	20.3	20.2	20.3	0.7	20.5	19.3	19.3	19.4	0	20.5

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26115	26365	26615	MPR	Max Output Pwr	26115	26365	26590	MPR	Max Output Pwr
				1857.5 MHz	1882.5 MHz	1907.5 MHz			1860 MHz	1882.5 MHz	1905 MHz		
15	QPSK	1	0	20.6	20.5	20.6	0	21.2	19.3	19.2	19.2	0	20.5
		1	37	20.5	20.6	20.7	0	21.2	19.3	19.2	19.3	0	20.5
		1	74	20.6	20.6	20.6	0	21.2	19.3	19.1	19.2	0	20.5
		36	0	20.6	20.7	20.8	0	21.2	19.5	19.3	19.3	0	20.5
		36	20	20.8	20.7	20.7	0	21.2	19.4	19.3	19.4	0	20.5
		36	39	20.7	20.8	20.8	0	21.2	19.4	19.3	19.4	0	20.5
		75	0	20.7	20.8	20.7	0	21.2	19.4	19.4	19.4	0	20.5
	16QAM	1	0	20.7	20.8	20.8	0	21.2	19.5	19.5	19.5	0	20.5
		1	37	20.8	20.8	20.6	0	21.2	19.5	19.5	19.5	0	20.5
		1	74	20.8	20.8	20.8	0	21.2	19.5	19.5	19.5	0	20.5
		36	0	20.6	20.7	20.7	0	21.2	19.5	19.3	19.3	0	20.5
		36	20	20.7	20.7	20.7	0	21.2	19.4	19.4	19.4	0	20.5
		36	39	20.7	20.8	20.8	0	21.2	19.4	19.4	19.4	0	20.5
		75	0	20.7	20.8	20.7	0	21.2	19.4	19.4	19.4	0	20.5
	64QAM	1	0	21.1	21.0	21.0	0	21.2	19.3	19.3	19.4	0	20.5
		1	37	21.1	21.0	21.1	0	21.2	19.4	19.3	19.5	0	20.5
		1	74	21.2	21.0	21.0	0	21.2	19.4	19.4	19.4	0	20.5
		36	0	21.0	20.9	21.0	0	21.2	19.3	19.2	19.2	0	20.5
		36	20	20.9	21.0	21.0	0	21.2	19.2	19.3	19.3	0	20.5
		36	39	20.9	21.0	21.1	0	21.2	19.2	19.3	19.3	0	20.5
		75	0	21.0	21.0	21.0	0	21.2	19.2	19.3	19.3	0	20.5
	256QAM	1	0	20.3	20.2	20.4	0.7	20.5	19.2	19.3	19.4	0	20.5
		1	37	20.4	20.2	20.5	0.7	20.5	19.3	19.4	19.4	0	20.5
		1	74	20.4	20.3	20.5	0.7	20.5	19.2	19.4	19.5	0	20.5
		36	0	20.3	20.2	20.3	0.7	20.5	19.3	19.2	19.2	0	20.5
		36	20	20.2	20.2	20.3	0.7	20.5	19.2	19.3	19.3	0	20.5
		36	39	20.2	20.2	20.4	0.7	20.5	19.2	19.3	19.3	0	20.5
		75	0	20.2	20.3	20.3	0.7	20.5	19.2	19.3	19.3	0	20.5

LTE Band 25 Measured Results (ANT3) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26090	26365	26640	MPR	Max Output Pwr	26090	26365	26590	MPR	Max Output Pwr
				1855 MHz	1882.5 MHz	1910 MHz			1860 MHz	1882.5 MHz	1905 MHz		
10	QPSK	1	0	20.7	20.8	20.8	0	21.2	19.5	19.3	19.4	0	20.5
		1	25	20.8	20.8	20.8	0	21.2	19.5	19.4	19.4	0	20.5
		1	49	20.8	20.8	20.8	0	21.2	19.5	19.3	19.4	0	20.5
		25	0	20.8	20.8	20.8	0	21.2	19.5	19.4	19.4	0	20.5
		25	12	20.8	20.8	20.8	0	21.2	19.5	19.5	19.5	0	20.5
		25	25	20.8	20.8	20.8	0	21.2	19.5	19.5	19.5	0	20.5
		50	0	20.8	20.8	20.8	0	21.2	19.5	19.5	19.5	0	20.5
	16QAM	1	0	20.8	20.8	20.8	0	21.2	19.5	19.5	19.5	0	20.5
		1	25	20.8	20.8	20.8	0	21.2	19.5	19.5	19.5	0	20.5
		1	49	20.8	20.8	20.8	0	21.2	19.5	19.5	19.5	0	20.5
		25	0	20.8	20.8	20.8	0	21.2	19.5	19.4	19.4	0	20.5
		25	12	20.8	20.8	20.8	0	21.2	19.5	19.5	19.5	0	20.5
		25	25	20.8	20.8	20.8	0	21.2	19.5	19.5	19.5	0	20.5
		50	0	20.8	20.8	20.8	0	21.2	19.5	19.5	19.5	0	20.5
	64QAM	1	0	21.1	21.1	21.1	0	21.2	19.5	19.5	19.5	0	20.5
		1	25	21.1	21.1	21.1	0	21.2	19.5	19.5	19.5	0	20.5
		1	49	21.1	21.2	21.1	0	21.2	19.5	19.5	19.5	0	20.5
		25	0	21.1	21.0	21.1	0	21.2	19.4	19.3	19.4	0	20.5
		25	12	21.2	21.1	21.1	0	21.2	19.5	19.4	19.5	0	20.5
		25	25	21.1	21.1	21.2	0	21.2	19.4	19.4	19.5	0	20.5
		50	0	21.1	21.1	21.1	0	21.2	19.4	19.4	19.5	0	20.5
	256QAM	1	0	20.5	20.4	20.5	0.7	20.5	19.5	19.4	19.5	0	20.5
		1	25	20.5	20.5	20.5	0.7	20.5	19.5	19.5	19.5	0	20.5
		1	49	20.4	20.5	20.5	0.7	20.5	19.5	19.5	19.5	0	20.5
		25	0	20.4	20.3	20.4	0.7	20.5	19.4	19.3	19.3	0	20.5
		25	12	20.5	20.4	20.4	0.7	20.5	19.5	19.4	19.5	0	20.5
		25	25	20.4	20.4	20.5	0.7	20.5	19.4	19.4	19.5	0	20.5
		50	0	20.4	20.4	20.4	0.7	20.5	19.4	19.4	19.4	0	20.5

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26065	26365	26665	MPR	Max Output Pwr	26065	26365	26590	MPR	Max Output Pwr
				1852.5 MHz	1882.5 MHz	1912.5 MHz			1860 MHz	1882.5 MHz	1905 MHz		
5	QPSK	1	0	20.7	20.7	20.8	0	21.2	19.5	19.4	19.4	0	20.5
		1	12	20.7	20.8	20.8	0	21.2	19.5	19.5	19.5	0	20.5
		1	24	20.7	20.8	20.8	0	21.2	19.5	19.4	19.4	0	20.5
		12	0	20.8	20.8	20.8	0	21.2	19.5	19.4	19.4	0	20.5
		12	7	20.8	20.8	20.8	0	21.2	19.5	19.5	19.5	0	20.5
		12	13	20.8	20.8	20.8	0	21.2	19.5	19.4	19.5	0	20.5
		25	0	20.8	20.8	20.8	0	21.2	19.5	19.5	19.5	0	20.5
	16QAM	1	0	20.8	20.8	20.8	0	21.2	19.5	19.5	19.5	0	20.5
		1	12	20.8	20.8	20.8	0	21.2	19.5	19.5	19.5	0	20.5
		1	24	20.8	20.8	20.8	0	21.2	19.5	19.5	19.5	0	20.5
		12	0	20.8	20.8	20.8	0	21.2	19.5	19.4	19.5	0	20.5
		12	7	20.8	20.8	20.8	0	21.2	19.5	19.5	19.5	0	20.5
		12	13	20.8	20.8	20.8	0	21.2	19.5	19.5	19.5	0	20.5
		25	0	20.8	20.8	20.8	0	21.2	19.5	19.5	19.5	0	20.5
	64QAM	1	0	21.1	21.1	21.2	0	21.2	19.4	19.5	19.5	0	20.5
		1	12	21.1	21.1	21.1	0	21.2	19.5	19.5	19.5	0	20.5
		1	24	21.1	21.2	21.1	0	21.2	19.4	19.5	19.5	0	20.5
		12	0	21.1	21.0	21.1	0	21.2	19.4	19.3	19.4	0	20.5
		12	7	21.1	21.1	21.1	0	21.2	19.4	19.4	19.5	0	20.5
		12	13	21.1	21.1	21.2	0	21.2	19.4	19.4	19.5	0	20.5
		25	0	21.0	21.1	21.1	0	21.2	19.3	19.4	19.5	0	20.5
	256QAM	1	0	20.5	20.4	20.5	0.7	20.5	19.4	19.4	19.5	0	20.5
		1	12	20.5	20.5	20.5	0.7	20.5	19.5	19.5	19.5	0	20.5
		1	24	20.5	20.4	20.5	0.7	20.5	19.4	19.4	19.5	0	20.5
		12	0	20.4	20.3	20.4	0.7	20.5	19.4	19.3	19.4	0	20.5
		12	7	20.4	20.4	20.5	0.7	20.5	19.4	19.4	19.5	0	20.5
		12	13	20.3	20.4	20.5	0.7	20.5	19.3	19.4	19.4	0	20.5
		25	0	20.3	20.4	20.4	0.7	20.5	19.3	19.4	19.4	0	20.5

LTE Band 25 Measured Results (ANT3) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26055	26365	26675	MPR	Max Output Pwr	26055	26365	26590	MPR	Max Output Pwr
				1851.5 MHz	1882.5 MHz	1913.5 MHz			1860 MHz	1882.5 MHz	1905 MHz		
3	QPSK	1	0	20.7	20.7	20.8	0	21.2	19.4	19.3	19.4	0	20.5
		1	8	20.8	20.8	20.8	0	21.2	19.5	19.4	19.4	0	20.5
		1	14	20.7	20.7	20.8	0	21.2	19.5	19.3	19.3	0	20.5
		8	0	20.8	20.8	20.8	0	21.2	19.5	19.4	19.5	0	20.5
		8	4	20.8	20.8	20.8	0	21.2	19.5	19.5	19.5	0	20.5
		8	7	20.8	20.8	20.8	0	21.2	19.5	19.5	19.5	0	20.5
		15	0	20.8	20.8	20.8	0	21.2	19.5	19.4	19.5	0	20.5
	16QAM	1	0	20.8	20.8	20.8	0	21.2	19.5	19.5	19.5	0	20.5
		1	8	20.8	20.8	20.8	0	21.2	19.5	19.5	19.5	0	20.5
		1	14	20.8	20.8	20.8	0	21.2	19.5	19.5	19.5	0	20.5
		8	0	20.8	20.8	20.8	0	21.2	19.5	19.5	19.5	0	20.5
		8	4	20.8	20.8	20.8	0	21.2	19.5	19.5	19.5	0	20.5
		8	7	20.8	20.8	20.8	0	21.2	19.5	19.5	19.5	0	20.5
		15	0	20.8	20.8	20.8	0	21.2	19.5	19.5	19.5	0	20.5
	64QAM	1	0	21.2	21.2	21.1	0	21.2	19.5	19.4	19.5	0	20.5
		1	8	21.1	21.2	21.1	0	21.2	19.5	19.5	19.5	0	20.5
		1	14	21.2	21.1	21.1	0	21.2	19.5	19.4	19.5	0	20.5
		8	0	21.1	21.1	21.2	0	21.2	19.4	19.4	19.5	0	20.5
		8	4	21.1	21.1	21.1	0	21.2	19.5	19.4	19.5	0	20.5
		8	7	21.1	21.1	21.2	0	21.2	19.5	19.4	19.5	0	20.5
		15	0	21.1	21.1	21.2	0	21.2	19.4	19.4	19.5	0	20.5
	256QAM	1	0	20.4	20.3	20.5	0.7	20.5	19.4	19.5	19.5	0	20.5
		1	8	20.5	20.5	20.5	0.7	20.5	19.5	19.5	19.5	0	20.5
		1	14	20.5	20.5	20.5	0.7	20.5	19.5	19.4	19.5	0	20.5
		8	0	20.4	20.4	20.5	0.7	20.5	19.4	19.4	19.4	0	20.5
		8	4	20.4	20.4	20.5	0.7	20.5	19.4	19.4	19.5	0	20.5
		8	7	20.4	20.4	20.5	0.7	20.5	19.4	19.4	19.5	0	20.5
		15	0	20.4	20.3	20.5	0.7	20.5	19.4	19.4	19.5	0	20.5

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26047	26365	26683	MPR	Max Output Pwr	26047	26365	26590	MPR	Max Output Pwr
				1850.7 MHz	1882.5 MHz	1914.3 MHz			1860 MHz	1882.5 MHz	1905 MHz		
1.4	QPSK	1	0	20.8	20.8	20.8	0	21.2	19.5	19.3	19.4	0	20.5
		1	3	20.8	20.8	20.8	0	21.2	19.5	19.4	19.4	0	20.5
		1	5	20.8	20.8	20.8	0	21.2	19.5	19.3	19.4	0	20.5
		3	0	20.8	20.8	20.8	0	21.2	19.5	19.4	19.4	0	20.5
		3	1	20.8	20.8	20.8	0	21.2	19.5	19.4	19.5	0	20.5
		3	3	20.8	20.8	20.8	0	21.2	19.5	19.4	19.5	0	20.5
		6	0	20.8	20.8	20.8	0	21.2	19.5	19.4	19.4	0	20.5
	16QAM	1	0	20.8	20.8	20.8	0	21.2	19.5	19.5	19.5	0	20.5
		1	3	20.8	20.8	20.8	0	21.2	19.5	19.5	19.5	0	20.5
		1	5	20.8	20.8	20.8	0	21.2	19.5	19.5	19.5	0	20.5
		3	0	20.8	20.8	20.8	0	21.2	19.5	19.5	19.5	0	20.5
		3	1	20.8	20.8	20.8	0	21.2	19.5	19.5	19.5	0	20.5
		3	3	20.8	20.8	20.8	0	21.2	19.5	19.5	19.5	0	20.5
		6	0	20.8	20.8	20.8	0	21.2	19.5	19.5	19.4	0	20.5
	64QAM	1	0	21.1	21.1	21.1	0	21.2	19.5	19.4	19.5	0	20.5
		1	3	21.1	21.2	21.1	0	21.2	19.5	19.5	19.5	0	20.5
		1	5	21.1	21.1	21.1	0	21.2	19.5	19.4	19.5	0	20.5
		3	0	21.1	21.1	21.2	0	21.2	19.3	19.4	19.5	0	20.5
		3	1	21.1	21.1	21.2	0	21.2	19.4	19.4	19.5	0	20.5
		3	3	21.1	21.1	21.2	0	21.2	19.4	19.5	19.5	0	20.5
		6	0	21.1	21.0	21.1	0	21.2	19.5	19.4	19.5	0	20.5
	256QAM	1	0	20.4	20.4	20.5	0.7	20.5	19.4	19.4	19.5	0	20.5
		1	3	20.4	20.4	20.5	0.7	20.5	19.5	19.4	19.5	0	20.5
		1	5	20.4	20.4	20.5	0.7	20.5	19.4	19.5	19.5	0	20.5
		3	0	20.4	20.4	20.5	0.7	20.5	19.5	19.4	19.5	0	20.5
		3	1	20.4	20.4	20.5	0.7	20.5	19.5	19.4	19.5	0	20.5
		3	3	20.4	20.4	20.5	0.7	20.5	19.5	19.4	19.5	0	20.5
		6	0	20.2	20.4	20.3	0.7	20.5	19.2	19.2	19.3	0	20.5

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	Max Output Pwr	26140	26365	26590	MPR	Max Output Pwr
				1860 MHz	1882.5 MHz	1905 MHz			1860 MHz	1882.5 MHz	1905 MHz		
20	QPSK	1	0	18.1	18.1	18.1	0	19.2	19.9	19.8	19.9	0	20.2
		1	49	18.1	18.1	18.1	0	19.2	19.9	19.8	20.0	0	20.2
		1	99	18.1	18.1	18.1	0	19.2	19.8	19.8	19.9	0	20.2
		50	0	18.2	18.1	18.1	0	19.2	19.9	19.9	20.0	0	20.2
		50	24	18.2	18.1	18.1	0	19.2	20.0	20.0	20.0	0	20.2
		50	50	18.2	18.1	18.1	0	19.2	19.9	20.0	20.0	0	20.2
		100	0	18.1	18.1	18.0	0	19.2	19.9	20.0	20.0	0	20.2
	16QAM	1	0	18.4	18.4	18.4	0	19.2	20.0	20.0	20.0	0	20.2
		1	49	18.4	18.4	18.4	0	19.2	20.0	20.0	20.0	0	20.2
		1	99	18.4	18.4	18.4	0	19.2	20.0	20.0	20.0	0	20.2
		50	0	18.4	18.4	18.4	0	19.2	19.9	19.9	20.0	0	20.2
		50	24	18.4	18.4	18.4	0	19.2	20.0	20.0	20.0	0	20.2
		50	50	18.4	18.4	18.4	0	19.2	19.9	20.0	20.0	0	20.2
		100	0	18.4	18.4	18.4	0	19.2	20.0	20.0	20.0	0	20.2
	64QAM	1	0	18.4	18.4	18.4	0	19.2	19.9	20.0	20.0	0	20.2
		1	49	18.4	18.4	18.4	0	19.2	20.0	20.0	20.0	0	20.2
		1	99	18.4	18.4	18.4	0	19.2	20.0	20.0	19.9	0	20.2
		50	0	18.3	18.4	18.4	0	19.2	19.6	19.7	19.6	0.3	19.9
		50	24	18.4	18.4	18.4	0	19.2	19.7	19.7	19.7	0.3	19.9
		50	50	18.3	18.4	18.3	0	19.2	19.6	19.7	19.6	0.3	19.9
		100	0	18.3	18.4	18.4	0	19.2	19.6	19.7	19.6	0.3	19.9
	256QAM	1	0	17.1	17.1	17.1	1.3	17.9	17.7	17.7	17.7	2.3	17.9
		1	49	17.1	17.1	17.1	1.3	17.9	17.7	17.7	17.7	2.3	17.9
		1	99	17.1	17.1	17.0	1.3	17.9	17.7	17.7	17.6	2.3	17.9
		50	0	17.0	17.1	17.0	1.3	17.9	17.6	17.7	17.6	2.3	17.9
		50	24	17.1	17.1	17.0	1.3	17.9	17.7	17.7	17.6	2.3	17.9
		50	50	17.1	17.1	17.0	1.3	17.9	17.7	17.7	17.6	2.3	17.9
		100	0	17.1	17.1	17.0	1.3	17.9	17.7	17.7	17.6	2.3	17.9

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26115	26365	26615	MPR	Max Output Pwr	26115	26365	26590	MPR	Max Output Pwr
				1857.5 MHz	1882.5 MHz	1907.5 MHz			1860 MHz	1882.5 MHz	1905 MHz		
15	QPSK	1	0	18.3	18.2	18.3	0	19.2	19.8	19.9	19.9	0	20.2
		1	37	18.3	18.3	18.3	0	19.2	19.8	19.9	19.9	0	20.2
		1	74	18.3	18.2	18.2	0	19.2	19.9	19.8	19.9	0	20.2
		36	0	18.4	18.3	18.4	0	19.2	19.9	19.9	20.0	0	20.2
		36	20	18.4	18.3	18.4	0	19.2	20.0	19.9	20.0	0	20.2
		36	39	18.4	18.4	18.4	0	19.2	20.0	20.0	20.0	0	20.2
		75	0	18.4	18.4	18.4	0	19.2	20.0	20.0	20.0	0	20.2
	16QAM	1	0	18.4	18.4	18.4	0	19.2	20.0	20.0	20.0	0	20.2
		1	37	18.4	18.4	18.4	0	19.2	20.0	20.0	20.0	0	20.2
		1	74	18.4	18.4	18.4	0	19.2	20.0	20.0	20.0	0	20.2
		36	0	18.3	18.3	18.4	0	19.2	19.9	19.9	20.0	0	20.2
		36	20	18.4	18.3	18.4	0	19.2	20.0	19.9	20.0	0	20.2
		36	39	18.4	18.4	18.4	0	19.2	20.0	20.0	20.0	0	20.2
		75	0	18.4	18.4	18.4	0	19.2	20.0	20.0	20.0	0	20.2
	64QAM	1	0	18.4	18.4	18.4	0	19.2	19.9	20.0	20.0	0	20.2
		1	37	18.4	18.4	18.4	0	19.2	20.0	20.0	20.0	0	20.2
		1	74	18.4	18.4	18.2	0	19.2	19.9	20.0	19.9	0	20.2
		36	0	18.3	18.4	18.4	0	19.2	19.6	19.7	19.6	0.3	19.9
		36	20	18.4	18.4	18.4	0	19.2	19.7	19.7	19.6	0.3	19.9
		36	39	18.4	18.4	18.4	0	19.2	19.7	19.7	19.6	0.3	19.9
		75	0	18.3	18.4	18.4	0	19.2	19.6	19.7	19.6	0.3	19.9
	256QAM	1	0	17.0	17.1	17.1	1.3	17.9	17.6	17.7	17.7	2.3	17.9
		1	37	17.1	17.1	17.1	1.3	17.9	17.6	17.7	17.7	2.3	17.9
		1	74	17.1	17.1	17.0	1.3	17.9	17.7	17.7	17.7	2.3	17.9
		36	0	17.0	17.1	17.1	1.3	17.9	17.6	17.7	17.6	2.3	17.9
		36	20	17.1	17.1	17.0	1.3	17.9	17.7	17.7	17.7	2.3	17.9
		36	39	17.1	17.1	17.0	1.3	17.9	17.7	17.7	17.6	2.3	17.9
		75	0	17.1	17.1	17.1	1.3	17.9	17.7	17.7	17.6	2.3	17.9

LTE Band 25 Measured Results (ANT4) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26090	26365	26640	MPR	Max Output Pwr	26090	26365	26590	MPR	Max Output Pwr
				1855 MHz	1882.5 MHz	1910 MHz			1860 MHz	1882.5 MHz	1905 MHz		
10	QPSK	1	0	18.4	18.4	18.4	0	19.2	20.0	20.0	20.0	0	20.2
		1	25	18.4	18.4	18.4	0	19.2	20.0	20.0	20.0	0	20.2
		1	49	18.4	18.4	18.4	0	19.2	20.0	20.0	20.0	0	20.2
		25	0	18.4	18.4	18.4	0	19.2	20.0	20.0	20.0	0	20.2
		25	12	18.4	18.4	18.4	0	19.2	20.0	20.0	20.0	0	20.2
		25	25	18.4	18.4	18.4	0	19.2	20.0	20.0	20.0	0	20.2
		50	0	18.4	18.4	18.4	0	19.2	20.0	20.0	20.0	0	20.2
	16QAM	1	0	18.4	18.4	18.4	0	19.2	20.0	20.0	20.0	0	20.2
		1	25	18.4	18.4	18.4	0	19.2	20.0	20.0	20.0	0	20.2
		1	49	18.4	18.4	18.4	0	19.2	20.0	20.0	20.0	0	20.2
		25	0	18.4	18.4	18.4	0	19.2	20.0	20.0	20.0	0	20.2
		25	12	18.4	18.4	18.4	0	19.2	20.0	20.0	20.0	0	20.2
		25	25	18.4	18.4	18.4	0	19.2	20.0	20.0	20.0	0	20.2
		50	0	18.4	18.4	18.4	0	19.2	20.0	20.0	20.0	0	20.2
	64QAM	1	0	18.4	18.4	18.4	0	19.2	20.0	20.0	20.0	0	20.2
		1	25	18.4	18.4	18.4	0	19.2	20.0	20.0	20.0	0	20.2
		1	49	18.4	18.4	18.4	0	19.2	20.0	20.0	20.0	0	20.2
		25	0	18.4	18.4	18.4	0	19.2	19.7	19.7	19.7	0.3	19.9
		25	12	18.4	18.4	18.4	0	19.2	19.7	19.7	19.7	0.3	19.9
		25	25	18.4	18.4	18.4	0	19.2	19.7	19.7	19.7	0.3	19.9
		50	0	18.4	18.4	18.4	0	19.2	19.7	19.7	19.7	0.3	19.9
	256QAM	1	0	17.1	17.1	17.1	1.3	17.9	17.7	17.7	17.7	2.3	17.9
		1	25	17.1	17.1	17.1	1.3	17.9	17.7	17.7	17.7	2.3	17.9
		1	49	17.1	17.1	17.1	1.3	17.9	17.7	17.7	17.7	2.3	17.9
		25	0	17.1	17.1	17.1	1.3	17.9	17.7	17.7	17.7	2.3	17.9
		25	12	17.1	17.1	17.1	1.3	17.9	17.7	17.7	17.7	2.3	17.9
		25	25	17.1	17.1	17.1	1.3	17.9	17.7	17.7	17.7	2.3	17.9
		50	0	17.1	17.1	17.1	1.3	17.9	17.7	17.7	17.7	2.3	17.9

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26065	26365	26665	MPR	Max Output Pwr	26065	26365	26590	MPR	Max Output Pwr
				1852.5 MHz	1882.5 MHz	1912.5 MHz			1860 MHz	1882.5 MHz	1905 MHz		
5	QPSK	1	0	18.4	18.4	18.4	0	19.2	20.0	20.0	20.0	0	20.2
		1	12	18.4	18.4	18.4	0	19.2	20.0	20.0	20.0	0	20.2
		1	24	18.4	18.4	18.4	0	19.2	20.0	20.0	20.0	0	20.2
		12	0	18.4	18.4	18.4	0	19.2	20.0	20.0	20.0	0	20.2
		12	7	18.4	18.4	18.4	0	19.2	20.0	20.0	20.0	0	20.2
		12	13	18.4	18.4	18.4	0	19.2	20.0	20.0	20.0	0	20.2
		25	0	18.4	18.4	18.4	0	19.2	20.0	20.0	20.0	0	20.2
	16QAM	1	0	18.4	18.4	18.4	0	19.2	20.0	20.0	20.0	0	20.2
		1	12	18.4	18.4	18.4	0	19.2	20.0	20.0	20.0	0	20.2
		1	24	18.4	18.4	18.4	0	19.2	20.0	20.0	20.0	0	20.2
		12	0	18.4	18.4	18.4	0	19.2	20.0	20.0	20.0	0	20.2
		12	7	18.4	18.4	18.4	0	19.2	20.0	20.0	20.0	0	20.2
		12	13	18.4	18.4	18.4	0	19.2	20.0	20.0	20.0	0	20.2
		25	0	18.4	18.4	18.4	0	19.2	20.0	20.0	20.0	0	20.2
	64QAM	1	0	18.4	18.4	18.4	0	19.2	20.0	20.0	20.0	0	20.2
		1	12	18.4	18.4	18.4	0	19.2	20.0	20.0	20.0	0	20.2
		1	24	18.4	18.4	18.4	0	19.2	20.0	20.0	20.0	0	20.2
		12	0	18.4	18.4	18.4	0	19.2	19.7	19.7	19.7	0.3	19.9
		12	7	18.4	18.4	18.4	0	19.2	19.7	19.7	19.7	0.3	19.9
		12	13	18.4	18.4	18.4	0	19.2	19.7	19.7	19.7	0.3	19.9
		25	0	18.4	18.4	18.4	0	19.2	19.7	19.7	19.7	0.3	19.9
	256QAM	1	0	17.1	17.1	17.1	1.3	17.9	17.7	17.7	17.7	2.3	17.9
		1	12	17.1	17.1	17.1	1.3	17.9	17.7	17.7	17.7	2.3	17.9
		1	24	17.1	17.1	17.1	1.3	17.9	17.7	17.7	17.7	2.3	17.9
		12	0	17.1	17.1	17.1	1.3	17.9	17.7	17.7	17.7	2.3	17.9
		12	7	17.1	17.1	17.1	1.3	17.9	17.7	17.7	17.7	2.3	17.9
		12	13	17.1	17.1	17.1	1.3	17.9	17.7	17.7	17.7	2.3	17.9
		25	0	17.1	17.1	17.1	1.3	17.9	17.7	17.7	17.7	2.3	17.9

LTE Band 25 Measured Results (ANT4) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26055	26365	26675	MPR	Max Output Pwr	26055	26365	26590	MPR	Max Output Pwr
				1851.5 MHz	1882.5 MHz	1913.5 MHz			1860 MHz	1882.5 MHz	1905 MHz		
3	QPSK	1	0	18.4	18.4	18.4	0	19.2	20.0	20.0	20.0	0	20.2
		1	8	18.4	18.4	18.4	0	19.2	20.0	20.0	20.0	0	20.2
		1	14	18.4	18.4	18.4	0	19.2	20.0	20.0	20.0	0	20.2
		8	0	18.4	18.4	18.4	0	19.2	20.0	20.0	20.0	0	20.2
		8	4	18.4	18.4	18.4	0	19.2	20.0	20.0	20.0	0	20.2
		8	7	18.4	18.4	18.4	0	19.2	20.0	20.0	20.0	0	20.2
		15	0	18.4	18.4	18.4	0	19.2	20.0	20.0	20.0	0	20.2
	16QAM	1	0	18.4	18.4	18.4	0	19.2	20.0	20.0	20.0	0	20.2
		1	8	18.4	18.4	18.4	0	19.2	20.0	20.0	20.0	0	20.2
		1	14	18.4	18.4	18.4	0	19.2	20.0	20.0	20.0	0	20.2
		8	0	18.4	18.4	18.4	0	19.2	20.0	20.0	20.0	0	20.2
		8	4	18.4	18.4	18.4	0	19.2	20.0	20.0	20.0	0	20.2
		8	7	18.4	18.4	18.4	0	19.2	20.0	20.0	20.0	0	20.2
		15	0	18.4	18.4	18.4	0	19.2	20.0	20.0	20.0	0	20.2
	64QAM	1	0	18.4	18.4	18.4	0	19.2	20.0	20.0	20.0	0	20.2
		1	8	18.4	18.4	18.4	0	19.2	20.0	20.0	20.0	0	20.2
		1	14	18.4	18.4	18.4	0	19.2	20.0	20.0	20.0	0	20.2
		8	0	18.4	18.4	18.4	0	19.2	19.7	19.7	19.7	0.3	19.9
		8	4	18.4	18.4	18.4	0	19.2	19.7	19.7	19.7	0.3	19.9
		8	7	18.4	18.4	18.4	0	19.2	19.7	19.7	19.7	0.3	19.9
		15	0	18.4	18.4	18.4	0	19.2	19.7	19.7	19.7	0.3	19.9
	256QAM	1	0	17.1	17.1	17.1	1.3	17.9	17.7	17.7	17.7	2.3	17.9
		1	8	17.1	17.1	17.1	1.3	17.9	17.7	17.7	17.7	2.3	17.9
		1	14	17.1	17.1	17.1	1.3	17.9	17.7	17.7	17.7	2.3	17.9
		8	0	17.1	17.1	17.1	1.3	17.9	17.7	17.7	17.7	2.3	17.9
		8	4	17.1	17.1	17.1	1.3	17.9	17.7	17.7	17.7	2.3	17.9
		8	7	17.1	17.1	17.1	1.3	17.9	17.7	17.7	17.7	2.3	17.9
		15	0	17.1	17.1	17.1	1.3	17.9	17.7	17.7	17.7	2.3	17.9

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26047	26365	26683	MPR	Max Output Pwr	26047	26365	26590	MPR	Max Output Pwr
				1850.7 MHz	1882.5 MHz	1914.3 MHz			1860 MHz	1882.5 MHz	1905 MHz		
1.4	QPSK	1	0	18.4	18.4	18.4	0	19.2	19.9	19.9	20.0	0	20.2
		1	3	18.4	18.4	18.4	0	19.2	19.9	19.9	19.9	0	20.2
		1	5	18.4	18.4	18.4	0	19.2	19.9	19.9	19.9	0	20.2
		3	0	18.4	18.4	18.4	0	19.2	20.0	19.9	20.0	0	20.2
		3	1	18.4	18.4	18.4	0	19.2	19.9	20.0	20.0	0	20.2
		3	3	18.4	18.4	18.4	0	19.2	20.0	20.0	20.0	0	20.2
		6	0	18.4	18.4	18.4	0	19.2	20.0	20.0	20.0	0	20.2
	16QAM	1	0	18.4	18.4	18.4	0	19.2	20.0	20.0	20.0	0	20.2
		1	3	18.4	18.4	18.4	0	19.2	20.0	20.0	20.0	0	20.2
		1	5	18.4	18.4	18.4	0	19.2	20.0	20.0	20.0	0	20.2
		3	0	18.4	18.4	18.4	0	19.2	20.0	20.0	20.0	0	20.2
		3	1	18.4	18.4	18.4	0	19.2	20.0	20.0	20.0	0	20.2
		3	3	18.4	18.4	18.4	0	19.2	20.0	20.0	20.0	0	20.2
		6	0	18.4	18.4	18.4	0	19.2	20.0	20.0	20.0	0	20.2
	64QAM	1	0	18.4	18.4	18.4	0	19.2	20.0	20.0	19.9	0	20.2
		1	3	18.4	18.4	18.4	0	19.2	20.0	20.0	19.9	0	20.2
		1	5	18.4	18.4	18.4	0	19.2	20.0	20.0	20.0	0	20.2
		3	0	18.4	18.4	18.4	0	19.2	20.0	20.0	20.0	0	20.2
		3	1	18.4	18.4	18.4	0	19.2	20.0	20.0	20.0	0	20.2
		3	3	18.4	18.4	18.4	0	19.2	20.0	20.0	20.0	0	20.2
		6	0	18.4	18.4	18.4	0	19.2	19.7	19.7	19.7	0.3	19.9
	256QAM	1	0	17.1	17.1	17.1	1.3	17.9	17.7	17.7	17.7	2.3	17.9
		1	3	17.1	17.1	17.1	1.3	17.9	17.7	17.7	17.7	2.3	17.9
		1	5	17.1	17.1	17.1	1.3	17.9	17.7	17.7	17.7	2.3	17.9
		3	0	17.1	17.1	17.1	1.3	17.9	17.7	17.7	17.7	2.3	17.9
		3	1	17.1	17.1	17.1	1.3	17.9	17.7	17.7	17.7	2.3	17.9
		3	3	17.1	17.1	17.1	1.3	17.9	17.7	17.7	17.7	2.3	17.9
		6	0	17.1	17.1	17.1	1.3	17.9	17.7	17.7	17.7	2.3	17.9

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	Max Output Pwr	26740	26865	26990	MPR	Max Output Pwr
				819 MHz	831.5 MHz	844 MHz			819 MHz	831.5 MHz	844 MHz		
10	QPSK	1	0	24.5	25.4	25.4	0	25.7	24.5	25.4	25.4	0	25.7
		1	25	25.4	25.4	25.4	0	25.7	25.4	25.4	25.4	0	25.7
		1	49	25.4	25.4	25.3	0	25.7	25.4	25.4	25.3	0	25.7
		25	0	24.4	24.4	24.4	1	24.7	24.4	24.4	24.4	1	24.7
		25	12	24.5	24.4	24.4	1	24.7	24.5	24.4	24.4	1	24.7
		25	25	24.5	24.4	24.4	1	24.7	24.5	24.4	24.4	1	24.7
		50	0	24.5	24.4	24.4	1	24.7	24.5	24.4	24.4	1	24.7
	16QAM	1	0	24.7	24.6	24.6	1	24.7	24.7	24.6	24.6	1	24.7
		1	25	24.7	24.6	24.6	1	24.7	24.7	24.6	24.6	1	24.7
		1	49	24.7	24.6	24.6	1	24.7	24.7	24.6	24.6	1	24.7
		25	0	23.4	23.4	23.4	2	23.7	23.4	23.4	23.4	2	23.7
		25	12	23.5	23.4	23.4	2	23.7	23.5	23.4	23.4	2	23.7
		25	25	23.5	23.5	23.5	2	23.7	23.5	23.5	23.5	2	23.7
		50	0	23.5	23.4	23.4	2	23.7	23.5	23.4	23.4	2	23.7
	64QAM	1	0	23.6	23.6	23.6	2	23.7	23.6	23.6	23.6	2	23.7
		1	25	23.6	23.6	23.6	2	23.7	23.6	23.6	23.6	2	23.7
		1	49	23.6	23.6	23.5	2	23.7	23.6	23.6	23.5	2	23.7
		25	0	22.4	22.4	22.4	3	22.7	22.4	22.4	22.4	3	22.7
		25	12	22.5	22.4	22.4	3	22.7	22.5	22.4	22.4	3	22.7
		25	25	22.5	22.5	22.5	3	22.7	22.5	22.5	22.5	3	22.7
		50	0	22.5	22.4	22.4	3	22.7	22.5	22.4	22.4	3	22.7
	256QAM	1	0	20.6	20.6	20.5	5	20.7	20.6	20.6	20.5	5	20.7
		1	25	20.7	20.7	20.6	5	20.7	20.7	20.7	20.6	5	20.7
		1	49	20.7	20.6	20.5	5	20.7	20.7	20.6	20.5	5	20.7
		25	0	20.4	20.4	20.4	5	20.7	20.4	20.4	20.4	5	20.7
		25	12	20.5	20.4	20.4	5	20.7	20.5	20.4	20.4	5	20.7
		25	25	20.5	20.5	20.5	5	20.7	20.5	20.5	20.5	5	20.7
		50	0	20.5	20.4	20.4	5	20.7	20.5	20.4	20.4	5	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26715	26865	27015	MPR	Max Output Pwr	26715	26865	27015	MPR	Max Output Pwr
				816.5 MHz	831.5 MHz	846.5 MHz			816.5 MHz	831.5 MHz	846.5 MHz		
5	QPSK	1	0	25.3	25.3	25.3	0	25.7	25.3	25.3	25.3	0	25.7
		1	12	25.4	25.4	25.4	0	25.7	25.4	25.4	25.4	0	25.7
		1	24	25.4	25.3	25.3	0	25.7	25.4	25.3	25.3	0	25.7
		12	0	24.4	24.4	24.3	1	24.7	24.4	24.4	24.3	1	24.7
		12	7	24.5	24.4	24.4	1	24.7	24.5	24.4	24.4	1	24.7
		12	13	24.4	24.4	24.4	1	24.7	24.4	24.4	24.4	1	24.7
		25	0	24.5	24.4	24.3	1	24.7	24.5	24.4	24.3	1	24.7
	16QAM	1	0	24.7	24.7	24.7	1	24.7	24.7	24.7	24.7	1	24.7
		1	12	24.7	24.7	24.7	1	24.7	24.7	24.7	24.7	1	24.7
		1	24	24.7	24.7	24.7	1	24.7	24.7	24.7	24.7	1	24.7
		12	0	23.4	23.4	23.3	2	23.7	23.4	23.4	23.3	2	23.7
		12	7	23.5	23.4	23.4	2	23.7	23.5	23.4	23.4	2	23.7
		12	13	23.5	23.4	23.4	2	23.7	23.5	23.4	23.4	2	23.7
		25	0	23.5	23.4	23.4	2	23.7	23.5	23.4	23.4	2	23.7
	64QAM	1	0	23.6	23.5	23.5	2	23.7	23.6	23.5	23.5	2	23.7
		1	12	23.6	23.6	23.6	2	23.7	23.6	23.6	23.6	2	23.7
		1	24	23.6	23.5	23.5	2	23.7	23.6	23.5	23.5	2	23.7
		12	0	22.4	22.4	22.4	3	22.7	22.4	22.4	22.4	3	22.7
		12	7	22.5	22.4	22.5	3	22.7	22.5	22.4	22.5	3	22.7
		12	13	22.5	22.5	22.5	3	22.7	22.5	22.5	22.5	3	22.7
		25	0	22.5	22.4	22.4	3	22.7	22.5	22.4	22.4	3	22.7
	256QAM	1	0	20.5	20.4	20.4	5	20.7	20.5	20.4	20.4	5	20.7
		1	12	20.6	20.6	20.5	5	20.7	20.6	20.6	20.5	5	20.7
		1	24	20.6	20.5	20.4	5	20.7	20.6	20.5	20.4	5	20.7
		12	0	20.4	20.4	20.4	5	20.7	20.4	20.4	20.4	5	20.7
		12	7	20.5	20.4	20.5	5	20.7	20.5	20.4	20.5	5	20.7
		12	13	20.5	20.5	20.4	5	20.7	20.5	20.5	20.4	5	20.7
		25	0	20.5	20.4	20.4	5	20.7	20.5	20.4	20.4	5	20.7

LTE Band 26 Measured Results (ANT1) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26705	26865	27025	MPR	Max Output Pwr	26705	26865	27025	MPR	Max Output Pwr
				815.5 MHz	831.5 MHz	847.5 MHz			815.5 MHz	831.5 MHz	847.5 MHz		
3	QPSK	1	0	25.3	25.3	25.3	0	25.7	25.3	25.3	25.3	0	25.7
		1	8	25.4	25.4	25.3	0	25.7	25.4	25.4	25.3	0	25.7
		1	14	25.3	25.3	25.3	0	25.7	25.3	25.3	25.3	0	25.7
		8	0	24.4	24.3	24.4	1	24.7	24.4	24.3	24.4	1	24.7
		8	4	24.4	24.4	24.4	1	24.7	24.4	24.4	24.4	1	24.7
		8	7	24.4	24.4	24.4	1	24.7	24.4	24.4	24.4	1	24.7
		15	0	24.4	24.4	24.4	1	24.7	24.4	24.4	24.4	1	24.7
	16QAM	1	0	24.6	24.6	24.6	1	24.7	24.6	24.6	24.6	1	24.7
		1	8	24.7	24.7	24.7	1	24.7	24.7	24.7	24.7	1	24.7
		1	14	24.6	24.7	24.6	1	24.7	24.6	24.7	24.6	1	24.7
		8	0	23.5	23.4	23.4	2	23.7	23.5	23.4	23.4	2	23.7
		8	4	23.5	23.4	23.4	2	23.7	23.5	23.4	23.4	2	23.7
		8	7	23.5	23.5	23.4	2	23.7	23.5	23.5	23.4	2	23.7
		15	0	23.4	23.4	23.4	2	23.7	23.4	23.4	23.4	2	23.7
	64QAM	1	0	23.6	23.6	23.6	2	23.7	23.6	23.6	23.6	2	23.7
		1	8	23.7	23.7	23.6	2	23.7	23.7	23.7	23.6	2	23.7
		1	14	23.6	23.6	23.5	2	23.7	23.6	23.6	23.5	2	23.7
		8	0	22.5	22.4	22.5	3	22.7	22.5	22.4	22.5	3	22.7
		8	4	22.5	22.4	22.5	3	22.7	22.5	22.4	22.5	3	22.7
		8	7	22.5	22.5	22.5	3	22.7	22.5	22.5	22.5	3	22.7
		15	0	22.4	22.4	22.4	3	22.7	22.4	22.4	22.4	3	22.7
	256QAM	1	0	20.4	20.6	20.4	5	20.7	20.4	20.6	20.4	5	20.7
		1	8	20.6	20.7	20.6	5	20.7	20.6	20.7	20.6	5	20.7
		1	14	20.5	20.6	20.4	5	20.7	20.5	20.6	20.4	5	20.7
		8	0	20.5	20.4	20.4	5	20.7	20.5	20.4	20.4	5	20.7
		8	4	20.5	20.4	20.5	5	20.7	20.5	20.4	20.5	5	20.7
		8	7	20.5	20.5	20.5	5	20.7	20.5	20.5	20.5	5	20.7
		15	0	20.5	20.5	20.4	5	20.7	20.5	20.5	20.4	5	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26697	26865	27033	MPR	Max Output Pwr	26697	26865	27033	MPR	Max Output Pwr
				814.7 MHz	831.5 MHz	848.3 MHz			814.7 MHz	831.5 MHz	848.3 MHz		
1.4	QPSK	1	0	25.3	25.3	25.3	0	25.7	25.3	25.3	25.3	0	25.7
		1	3	25.4	25.4	25.4	0	25.7	25.4	25.4	25.4	0	25.7
		1	5	25.4	25.3	25.3	0	25.7	25.4	25.3	25.3	0	25.7
		3	0	25.4	25.3	24.4	0	25.7	25.4	25.3	24.4	0	25.7
		3	1	25.4	25.4	24.4	0	25.7	25.4	25.4	24.4	0	25.7
		3	3	25.4	25.4	24.4	0	25.7	25.4	25.4	24.4	0	25.7
		6	0	24.4	24.4	24.4	1	24.7	24.4	24.4	24.4	1	24.7
	16QAM	1	0	24.6	24.6	24.6	1	24.7	24.6	24.6	24.6	1	24.7
		1	3	24.7	24.7	24.7	1	24.7	24.7	24.7	24.7	1	24.7
		1	5	24.7	24.7	24.6	1	24.7	24.7	24.7	24.6	1	24.7
		3	0	24.5	24.4	23.5	1	24.7	24.5	24.4	23.5	1	24.7
		3	1	24.5	24.5	23.5	1	24.7	24.5	24.5	23.5	1	24.7
		3	3	24.5	24.6	23.5	1	24.7	24.5	24.6	23.5	1	24.7
		6	0	23.4	23.5	23.4	2	23.7	23.4	23.5	23.4	2	23.7
	64QAM	1	0	23.5	23.4	23.6	2	23.7	23.5	23.4	23.6	2	23.7
		1	3	23.6	23.5	23.7	2	23.7	23.6	23.5	23.7	2	23.7
		1	5	23.6	23.5	23.6	2	23.7	23.6	23.5	23.6	2	23.7
		3	0	23.6	23.4	22.5	2	23.7	23.6	23.4	22.5	2	23.7
		3	1	23.6	23.5	22.5	2	23.7	23.6	23.5	22.5	2	23.7
		3	3	23.6	23.5	22.5	2	23.7	23.6	23.5	22.5	2	23.7
		6	0	22.5	22.3	22.4	3	22.7	22.5	22.3	22.4	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	3	20.5	20.5	20.6	5	20.7	20.5	20.5	20.6	5	20.7
		1	5	20.5	20.5	20.5	5	20.7	20.5	20.5	20.5	5	20.7
		3	0	20.5	20.4	20.5	5	20.7	20.5	20.4	20.5	5	20.7
		3	1	20.5	20.5	20.5	5	20.7	20.5	20.5	20.5	5	20.7
		3	3	20.5	20.5	20.5	5	20.7	20.5	20.5	20.5	5	20.7
		6	0	20.5	20.4	20.5	5	20.7	20.5	20.4	20.5	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	Max Output Pwr	26740	26865	26990	MPR	Max Output Pwr
				819 MHz	831.5 MHz	844 MHz			819 MHz	831.5 MHz	844 MHz		
10	QPSK	1	0	22.5	22.5	22.5	0	23.5	24.2	24.2	24.2	0	24.7
		1	25	22.5	22.5	22.6	0	23.5	24.3	24.2	24.3	0	24.7
		1	49	22.5	22.5	22.5	0	23.5	24.3	24.2	24.2	0	24.7
		25	0	22.6	22.6	22.6	0	23.5	23.4	23.3	23.3	1	23.7
		25	12	22.6	22.6	22.6	0	23.5	23.4	23.3	23.3	1	23.7
		25	25	22.6	22.6	22.6	0	23.5	23.4	23.3	23.3	1	23.7
		50	0	22.5	22.5	22.5	0	23.5	23.3	23.3	23.3	1	23.7
	16QAM	1	0	23.0	23.0	23.0	0	23.5	23.7	23.7	23.7	1	23.7
		1	25	22.9	23.0	23.0	0	23.5	23.7	23.7	23.7	1	23.7
		1	49	22.9	22.9	23.0	0	23.5	23.6	23.7	23.7	1	23.7
		25	0	21.9	22.0	21.9	0.8	22.7	22.5	22.5	22.4	2	22.7
		25	12	22.0	22.0	22.0	0.8	22.7	22.6	22.6	22.5	2	22.7
		25	25	22.0	22.0	22.0	0.8	22.7	22.6	22.5	22.5	2	22.7
		50	0	22.0	22.0	21.9	0.8	22.7	22.5	22.5	22.4	2	22.7
	64QAM	1	0	22.1	22.0	21.9	0.8	22.7	22.6	22.5	22.6	2	22.7
		1	25	22.1	22.0	22.0	0.8	22.7	22.6	22.5	22.6	2	22.7
		1	49	22.0	21.9	21.9	0.8	22.7	22.5	22.5	22.5	2	22.7
		25	0	20.9	20.8	20.8	1.8	21.7	21.4	21.4	21.4	3	21.7
		25	12	21.0	20.9	20.9	1.8	21.7	21.5	21.5	21.4	3	21.7
		25	25	20.9	20.9	20.9	1.8	21.7	21.4	21.4	21.4	3	21.7
		50	0	20.9	20.9	20.9	1.8	21.7	21.5	21.4	21.3	3	21.7
	256QAM	1	0	18.9	19.0	19.0	3.8	19.7	19.6	19.5	19.4	5	19.7
		1	25	19.0	19.1	19.1	3.8	19.7	19.7	19.5	19.5	5	19.7
		1	49	19.0	19.0	19.0	3.8	19.7	19.6	19.5	19.5	5	19.7
		25	0	18.9	18.8	18.8	3.8	19.7	19.4	19.4	19.3	5	19.7
		25	12	19.0	18.9	18.9	3.8	19.7	19.5	19.4	19.4	5	19.7
		25	25	18.9	18.9	18.9	3.8	19.7	19.4	19.4	19.4	5	19.7
		50	0	18.9	18.9	18.8	3.8	19.7	19.5	19.4	19.4	5	19.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26715	26865	27015	MPR	Max Output Pwr	26715	26865	27015	MPR	Max Output Pwr
				816.5 MHz	831.5 MHz	846.5 MHz			816.5 MHz	831.5 MHz	846.5 MHz		
5	QPSK	1	0	22.7	22.7	22.7	0	23.5	24.3	24.4	24.4	0	24.7
		1	12	22.8	22.7	22.7	0	23.5	24.4	24.4	24.4	0	24.7
		1	24	22.7	22.7	22.7	0	23.5	24.3	24.3	24.4	0	24.7
		12	0	22.7	22.7	22.7	0	23.5	23.4	23.4	23.4	1	23.7
		12	7	22.8	22.8	22.8	0	23.5	23.5	23.5	23.5	1	23.7
		12	13	22.8	22.7	22.8	0	23.5	23.5	23.4	23.4	1	23.7
		25	0	22.8	22.8	22.7	0	23.5	23.5	23.4	23.4	1	23.7
	16QAM	1	0	23.0	23.0	23.0	0	23.5	23.7	23.7	23.7	1	23.7
		1	12	23.0	23.0	23.0	0	23.5	23.7	23.7	23.7	1	23.7
		1	24	23.0	23.0	23.0	0	23.5	23.7	23.7	23.7	1	23.7
		12	0	21.9	22.0	22.0	0.8	22.7	22.5	22.4	22.5	2	22.7
		12	7	22.0	22.1	22.2	0.8	22.7	22.6	22.5	22.6	2	22.7
		12	13	22.0	22.0	22.1	0.8	22.7	22.6	22.4	22.6	2	22.7
		25	0	22.0	21.9	21.9	0.8	22.7	22.5	22.5	22.5	2	22.7
	64QAM	1	0	22.0	22.1	22.0	0.8	22.7	22.6	22.5	22.5	2	22.7
		1	12	22.1	22.2	22.1	0.8	22.7	22.7	22.6	22.6	2	22.7
		1	24	22.0	22.1	22.0	0.8	22.7	22.6	22.5	22.5	2	22.7
		12	0	21.0	20.8	20.8	1.8	21.7	21.4	21.3	21.3	3	21.7
		12	7	21.0	20.9	20.9	1.8	21.7	21.5	21.4	21.4	3	21.7
		12	13	21.0	20.9	20.9	1.8	21.7	21.5	21.4	21.4	3	21.7
		25	0	21.0	20.9	20.8	1.8	21.7	21.4	21.4	21.3	3	21.7
	256QAM	1	0	19.0	18.9	18.9	3.8	19.7	19.5	19.4	19.5	5	19.7
		1	12	19.1	19.1	19.0	3.8	19.7	19.6	19.6	19.6	5	19.7
		1	24	19.1	19.0	19.0	3.8	19.7	19.6	19.5	19.5	5	19.7
		12	0	18.9	18.8	18.8	3.8	19.7	19.5	19.3	19.3	5	19.7
		12	7	19.0	18.9	18.9	3.8	19.7	19.5	19.4	19.4	5	19.7
		12	13	19.0	18.9	18.9	3.8	19.7	19.5	19.4	19.4	5	19.7
		25	0	18.9	18.9	18.8	3.8	19.7	19.4	19.4	19.3	5	19.7

LTE Band 26 Measured Results (ANT2) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26705	26865	27025	MPR	Max Output Pwr	26705	26865	27025	MPR	Max Output Pwr
				815.5 MHz	831.5 MHz	847.5 MHz			815.5 MHz	831.5 MHz	847.5 MHz		
3	QPSK	1	0	22.7	22.6	22.7	0	23.5	24.4	24.3	24.4	0	24.7
		1	8	22.8	22.7	22.8	0	23.5	24.4	24.4	24.4	0	24.7
		1	14	22.7	22.6	22.7	0	23.5	24.4	24.3	24.3	0	24.7
		8	0	22.8	22.7	22.8	0	23.5	23.5	23.4	23.4	1	23.7
		8	4	22.8	22.8	22.8	0	23.5	23.5	23.5	23.5	1	23.7
		8	7	22.8	22.8	22.8	0	23.5	23.5	23.5	23.4	1	23.7
		15	0	22.8	22.7	22.8	0	23.5	23.5	23.4	23.4	1	23.7
	16QAM	1	0	23.0	23.0	23.0	0	23.5	23.6	23.7	23.7	1	23.7
		1	8	23.0	23.0	23.0	0	23.5	23.7	23.7	23.7	1	23.7
		1	14	23.0	23.0	23.0	0	23.5	23.7	23.7	23.7	1	23.7
		8	0	22.1	21.9	22.0	0.8	22.7	22.5	22.4	22.5	2	22.7
		8	4	22.1	22.0	22.1	0.8	22.7	22.6	22.6	22.6	2	22.7
		8	7	22.1	22.0	22.0	0.8	22.7	22.6	22.5	22.5	2	22.7
		15	0	22.0	22.0	22.0	0.8	22.7	22.5	22.5	22.5	2	22.7
	64QAM	1	0	22.1	22.0	21.9	0.8	22.7	22.6	22.5	22.6	2	22.7
		1	8	22.1	22.1	22.0	0.8	22.7	22.7	22.6	22.6	2	22.7
		1	14	22.0	22.0	21.9	0.8	22.7	22.6	22.5	22.5	2	22.7
		8	0	21.0	20.8	20.9	1.8	21.7	21.4	21.3	21.4	3	21.7
		8	4	21.0	20.9	20.9	1.8	21.7	21.5	21.4	21.5	3	21.7
		8	7	21.0	20.9	20.9	1.8	21.7	21.5	21.4	21.5	3	21.7
		15	0	21.0	20.9	20.9	1.8	21.7	21.4	21.4	21.4	3	21.7
	256QAM	1	0	18.9	18.9	19.0	3.8	19.7	19.4	19.3	19.4	5	19.7
		1	8	19.1	19.0	19.0	3.8	19.7	19.5	19.5	19.6	5	19.7
		1	14	18.9	19.0	18.9	3.8	19.7	19.5	19.5	19.4	5	19.7
		8	0	19.0	18.8	18.9	3.8	19.7	19.5	19.3	19.4	5	19.7
		8	4	19.0	18.9	18.9	3.8	19.7	19.5	19.4	19.4	5	19.7
		8	7	19.0	18.9	18.9	3.8	19.7	19.5	19.4	19.4	5	19.7
		15	0	18.9	18.9	18.9	3.8	19.7	19.5	19.4	19.4	5	19.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26697	26865	27033	MPR	Max Output Pwr	26697	26865	27033	MPR	Max Output Pwr
				814.7 MHz	831.5 MHz	848.3 MHz			814.7 MHz	831.5 MHz	848.3 MHz		
1.4	QPSK	1	0	22.7	22.6	22.7	0	23.5	24.3	24.3	24.4	0	24.7
		1	3	22.8	22.8	22.7	0	23.5	24.5	24.4	24.4	0	24.7
		1	5	22.7	22.7	22.7	0	23.5	24.4	24.4	24.4	0	24.7
		3	0	22.8	22.6	22.7	0	23.5	24.4	24.3	24.4	0	24.7
		3	1	22.8	22.7	22.7	0	23.5	24.4	24.4	24.4	0	24.7
		3	3	22.8	22.7	22.7	0	23.5	24.4	24.4	24.4	0	24.7
		6	0	22.8	22.7	22.7	0	23.5	23.4	23.4	23.4	1	23.7
	16QAM	1	0	22.9	22.8	23.0	0	23.5	23.6	23.5	23.7	1	23.7
		1	3	23.0	22.9	23.0	0	23.5	23.7	23.6	23.7	1	23.7
		1	5	23.0	22.9	23.0	0	23.5	23.7	23.6	23.7	1	23.7
		3	0	22.9	22.7	22.9	0	23.5	23.6	23.4	23.6	1	23.7
		3	1	22.9	22.8	22.8	0	23.5	23.6	23.5	23.6	1	23.7
		3	3	22.9	22.8	22.8	0	23.5	23.6	23.5	23.6	1	23.7
		6	0	22.1	22.0	22.0	0.8	22.7	22.5	22.5	22.4	2	22.7
	64QAM	1	0	21.9	22.0	22.0	0.8	22.7	22.6	22.4	22.6	2	22.7
		1	3	22.1	22.0	22.0	0.8	22.7	22.5	22.5	22.5	2	22.7
		1	5	21.9	22.2	21.9	0.8	22.7	22.7	22.4	22.6	2	22.7
		3	0	21.8	21.8	22.1	0.8	22.7	22.7	22.4	22.3	2	22.7
		3	1	21.8	21.9	22.1	0.8	22.7	22.7	22.4	22.3	2	22.7
		3	3	21.8	21.9	22.1	0.8	22.7	22.7	22.4	22.3	2	22.7
		6	0	21.0	20.8	20.8	1.8	21.7	21.5	21.4	21.3	3	21.7
	256QAM	1	0	18.9	18.9	19.0	3.8	19.7	19.4	19.5	19.4	5	19.7
		1	3	19.0	19.0	18.9	3.8	19.7	19.5	19.4	19.4	5	19.7
		1	5	18.9	18.9	18.9	3.8	19.7	19.5	19.4	19.4	5	19.7
		3	0	19.0	18.9	18.8	3.8	19.7	19.4	19.4	19.4	5	19.7
		3	1	19.0	18.9	18.8	3.8	19.7	19.4	19.4	19.4	5	19.7
		3	3	19.0	18.9	18.9	3.8	19.7	19.4	19.4	19.4	5	19.7
		6	0	18.9	18.9	18.8	3.8	19.7	19.4	19.3	19.2	5	19.7

LTE Band 26 Measured Results (ANT3)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26740	26865	26990	MPR	Max Output Pwr	26740	26865	26990	MPR	Max Output Pwr
				819 MHz	831.5 MHz	844 MHz			819 MHz	831.5 MHz	844 MHz		
10	QPSK	1	0	25.1	25.1	25.2	0	25.4	25.1	25.1	25.2	0	25.4
		1	25	25.2	25.2	25.2	0	25.4	25.2	25.2	25.2	0	25.4
		1	49	25.1	25.1	25.1	0	25.4	25.1	25.1	25.1	0	25.4
		25	0	24.2	24.2	24.2	1	24.4	24.2	24.2	24.2	1	24.4
		25	12	24.2	24.2	24.2	1	24.4	24.2	24.2	24.2	1	24.4
		25	25	24.3	24.2	24.2	1	24.4	24.3	24.2	24.2	1	24.4
		50	0	24.2	24.2	24.2	1	24.4	24.2	24.2	24.2	1	24.4
	16QAM	1	0	23.9	24.1	24.0	1	24.4	23.9	24.1	24.0	1	24.4
		1	25	24.0	24.1	24.0	1	24.4	24.0	24.1	24.0	1	24.4
		1	49	24.1	24.1	24.0	1	24.4	24.1	24.1	24.0	1	24.4
		25	0	23.1	23.0	23.1	2	23.4	23.1	23.0	23.1	2	23.4
		25	12	23.1	23.1	23.0	2	23.4	23.1	23.1	23.0	2	23.4
		25	25	23.1	23.1	23.1	2	23.4	23.1	23.1	23.1	2	23.4
		50	0	23.0	23.1	23.1	2	23.4	23.0	23.1	23.1	2	23.4
	64QAM	1	0	23.0	23.0	23.1	2	23.4	23.0	23.0	23.1	2	23.4
		1	25	23.1	23.1	22.9	2	23.4	23.1	23.1	22.9	2	23.4
		1	49	23.1	23.0	22.9	2	23.4	23.1	23.0	22.9	2	23.4
		25	0	22.1	21.9	22.1	3	22.4	22.1	21.9	22.1	3	22.4
		25	12	21.9	22.0	22.0	3	22.4	21.9	22.0	22.0	3	22.4
		25	25	21.9	22.1	22.1	3	22.4	21.9	22.1	22.1	3	22.4
		50	0	22.1	22.0	22.1	3	22.4	22.1	22.0	22.1	3	22.4
	256QAM	1	0	20.1	20.1	20.1	5	20.4	20.1	20.1	20.1	5	20.4
		1	25	20.0	19.9	20.1	5	20.4	20.0	19.9	20.1	5	20.4
		1	49	20.1	20.0	20.0	5	20.4	20.1	20.0	20.0	5	20.4
		25	0	20.1	20.1	20.1	5	20.4	20.1	20.1	20.1	5	20.4
		25	12	19.9	20.0	20.1	5	20.4	19.9	20.0	20.1	5	20.4
		25	25	20.1	20.0	19.9	5	20.4	20.1	20.0	19.9	5	20.4
		50	0	20.0	20.0	20.0	5	20.4	20.0	20.0	20.0	5	20.4

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26715	26865	27015	MPR	Max Output Pwr	26715	26865	27015	MPR	Max Output Pwr
				816.5 MHz	831.5 MHz	846.5 MHz			816.5 MHz	831.5 MHz	846.5 MHz		
5	QPSK	1	0	24.3	25.2	24.3	0	25.4	24.3	25.2	24.3	0	25.4
		1	12	25.4	25.4	25.3	0	25.4	25.4	25.4	25.3	0	25.4
		1	24	25.3	25.3	25.3	0	25.4	25.3	25.3	25.3	0	25.4
		12	0	24.1	24.2	24.2	1	24.4	24.1	24.2	24.2	1	24.4
		12	7	24.1	23.9	24.0	1	24.4	24.1	23.9	24.0	1	24.4
		12	13	24.0	24.1	24.1	1	24.4	24.0	24.1	24.1	1	24.4
		25	0	24.3	24.3	24.3	1	24.4	24.3	24.3	24.3	1	24.4
	16QAM	1	0	23.9	24.1	24.0	1	24.4	23.9	24.1	24.0	1	24.4
		1	12	24.0	24.1	24.0	1	24.4	24.0	24.1	24.0	1	24.4
		1	24	24.1	24.1	24.0	1	24.4	24.1	24.1	24.0	1	24.4
		12	0	23.1	23.0	23.1	2	23.4	23.1	23.0	23.1	2	23.4
		12	7	23.1	23.1	23.0	2	23.4	23.1	23.1	23.0	2	23.4
		12	13	23.1	23.1	23.1	2	23.4	23.1	23.1	23.1	2	23.4
		25	0	23.0	23.1	23.1	2	23.4	23.0	23.1	23.1	2	23.4
	64QAM	1	0	23.0	23.0	23.1	2	23.4	23.0	23.0	23.1	2	23.4
		1	12	23.1	23.1	22.9	2	23.4	23.1	23.1	22.9	2	23.4
		1	24	23.1	23.0	22.9	2	23.4	23.1	23.0	22.9	2	23.4
		12	0	22.1	21.9	22.1	3	22.4	22.1	21.9	22.1	3	22.4
		12	7	21.9	22.0	22.0	3	22.4	21.9	22.0	22.0	3	22.4
		12	13	21.9	22.1	22.1	3	22.4	21.9	22.1	22.1	3	22.4
		25	0	22.1	22.0	22.1	3	22.4	22.1	22.0	22.1	3	22.4
	256QAM	1	0	20.1	20.1	20.1	5	20.4	20.1	20.1	20.1	5	20.4
		1	12	20.0	19.9	20.1	5	20.4	20.0	19.9	20.1	5	20.4
		1	24	20.1	20.0	20.0	5	20.4	20.1	20.0	20.0	5	20.4
		12	0	20.1	20.1	20.1	5	20.4	20.1	20.1	20.1	5	20.4
		12	7	19.9	20.0	20.1	5	20.4	19.9	20.0	20.1	5	20.4
		12	13	20.1	20.0	19.9	5	20.4	20.1	20.0	19.9	5	20.4
		25	0	20.0	20.0	20.0	5	20.4	20.0	20.0	20.0	5	20.4

LTE Band 26 Measured Results (ANT3) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26705	26865	27025	MPR	Max Output Pwr	26705	26865	27025	MPR	Max Output Pwr
				815.5 MHz	831.5 MHz	847.5 MHz			815.5 MHz	831.5 MHz	847.5 MHz		
3	QPSK	1	0	24.3	24.3	24.3	0	25.4	24.3	24.3	24.3	0	25.4
		1	8	25.2	25.3	25.2	0	25.4	25.2	25.3	25.2	0	25.4
		1	14	25.2	25.3	25.2	0	25.4	25.2	25.3	25.2	0	25.4
		8	0	24.1	24.1	24.1	1	24.4	24.1	24.1	24.1	1	24.4
		8	4	23.9	24.1	24.0	1	24.4	23.9	24.1	24.0	1	24.4
		8	7	24.1	24.0	23.9	1	24.4	24.1	24.0	23.9	1	24.4
		15	0	24.2	24.3	24.2	1	24.4	24.2	24.3	24.2	1	24.4
	16QAM	1	0	24.0	24.1	24.0	1	24.4	24.0	24.1	24.0	1	24.4
		1	8	24.0	24.1	24.0	1	24.4	24.0	24.1	24.0	1	24.4
		1	14	23.9	24.0	24.1	1	24.4	23.9	24.0	24.1	1	24.4
		8	0	23.1	23.0	23.0	2	23.4	23.1	23.0	23.0	2	23.4
		8	4	22.9	23.0	23.1	2	23.4	22.9	23.0	23.1	2	23.4
		8	7	23.1	23.0	23.1	2	23.4	23.1	23.0	23.1	2	23.4
		15	0	23.0	23.0	23.0	2	23.4	23.0	23.0	23.0	2	23.4
	64QAM	1	0	23.1	23.1	23.1	2	23.4	23.1	23.1	23.1	2	23.4
		1	8	23.1	23.0	23.0	2	23.4	23.1	23.0	23.0	2	23.4
		1	14	23.0	22.9	23.1	2	23.4	23.0	22.9	23.1	2	23.4
		8	0	22.0	22.0	22.1	3	22.4	22.0	22.0	22.1	3	22.4
		8	4	22.0	22.0	22.1	3	22.4	22.0	22.0	22.1	3	22.4
		8	7	21.9	22.1	22.0	3	22.4	21.9	22.1	22.0	3	22.4
		15	0	22.0	22.0	22.1	3	22.4	22.0	22.0	22.1	3	22.4
	256QAM	1	0	20.1	19.9	19.9	5	20.4	20.1	19.9	19.9	5	20.4
		1	8	20.0	20.1	20.0	5	20.4	20.0	20.1	20.0	5	20.4
		1	14	20.0	20.1	20.1	5	20.4	20.0	20.1	20.1	5	20.4
		8	0	20.1	20.0	20.1	5	20.4	20.1	20.0	20.1	5	20.4
		8	4	20.1	20.0	20.0	5	20.4	20.1	20.0	20.0	5	20.4
		8	7	20.0	20.0	19.9	5	20.4	20.0	20.0	19.9	5	20.4
		15	0	19.9	20.0	20.1	5	20.4	19.9	20.0	20.1	5	20.4

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26697	26865	27033	MPR	Max Output Pwr	26697	26865	27033	MPR	Max Output Pwr
				814.7 MHz	831.5 MHz	848.3 MHz			814.7 MHz	831.5 MHz	848.3 MHz		
1.4	QPSK	1	0	25.1	25.3	25.2	0	25.4	25.1	25.3	25.2	0	25.4
		1	3	25.1	25.4	25.2	0	25.4	25.1	25.4	25.2	0	25.4
		1	5	25.1	25.4	25.2	0	25.4	25.1	25.4	25.2	0	25.4
		3	0	25.1	25.4	25.2	0	25.4	25.1	25.4	25.2	0	25.4
		3	1	25.2	25.4	25.2	0	25.4	25.2	25.4	25.2	0	25.4
		3	3	25.2	25.4	25.2	0	25.4	25.2	25.4	25.2	0	25.4
		6	0	24.2	24.3	24.2	1	24.4	24.2	24.3	24.2	1	24.4
	16QAM	1	0	24.0	24.1	24.0	1	24.4	24.0	24.1	24.0	1	24.4
		1	3	24.0	24.1	23.9	1	24.4	24.0	24.1	23.9	1	24.4
		1	5	24.1	24.1	24.0	1	24.4	24.1	24.1	24.0	1	24.4
		3	0	23.1	23.0	22.9	1	24.4	23.1	23.0	22.9	1	24.4
		3	1	23.1	23.0	23.0	1	24.4	23.1	23.0	23.0	1	24.4
		3	3	23.1	23.1	23.0	1	24.4	23.1	23.1	23.0	1	24.4
		6	0	23.1	23.0	23.2	2	23.4	23.1	23.0	23.2	2	23.4
	64QAM	1	0	23.1	23.1	23.1	2	23.4	23.1	23.1	23.1	2	23.4
		1	3	22.9	23.0	22.9	2	23.4	22.9	23.0	22.9	2	23.4
		1	5	23.0	23.0	23.1	2	23.4	23.0	23.0	23.1	2	23.4
		3	0	22.0	22.0	21.9	2	23.4	22.0	22.0	21.9	2	23.4
		3	1	22.0	22.1	21.9	2	23.4	22.0	22.1	21.9	2	23.4
		3	3	22.1	22.0	22.1	2	23.4	22.1	22.0	22.1	2	23.4
		6	0	22.0	22.1	22.0	3	22.4	22.0	22.1	22.0	3	22.4
	256QAM	1	0	20.1	19.9	20.1	5	20.4	20.1	19.9	20.1	5	20.4
		1	3	20.0	20.1	20.0	5	20.4	20.0	20.1	20.0	5	20.4
		1	5	20.2	20.0	20.0	5	20.4	20.2	20.0	20.0	5	20.4
		3	0	20.0	20.1	20.1	5	20.4	20.0	20.1	20.1	5	20.4
		3	1	19.9	19.9	20.1	5	20.4	19.9	19.9	20.1	5	20.4
		3	3	20.0	20.1	20.2	5	20.4	20.0	20.1	20.2	5	20.4
		6	0	20.0	20.0	20.0	5	20.4	20.0	20.0	20.0	5	20.4

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	Max Output Pwr	27710 2310 MHz	MPR	Max Output Pwr
10	QPSK	1	0	21.8	0	22.2	19.3	0	20.0
		1	25	21.9	0	22.2	19.4	0	20.0
		1	49	21.9	0	22.2	19.3	0	20.0
		25	0	21.9	0	22.2	19.3	0	20.0
		25	12	21.9	0	22.2	19.4	0	20.0
		25	25	21.9	0	22.2	19.4	0	20.0
		50	0	22.0	0	22.2	19.4	0	20.0
	16QAM	1	0	22.1	0	22.2	19.5	0	20.0
		1	25	22.1	0	22.2	19.6	0	20.0
		1	49	22.2	0	22.2	19.6	0	20.0
		25	0	21.9	0	22.2	19.4	0	20.0
		25	12	22.0	0	22.2	19.4	0	20.0
		25	25	22.0	0	22.2	19.5	0	20.0
		50	0	22.0	0	22.2	19.4	0	20.0
	64QAM	1	0	22.1	0	22.2	19.5	0	20.0
		1	25	22.2	0	22.2	19.6	0	20.0
		1	49	22.1	0	22.2	19.6	0	20.0
		25	0	21.9	0	22.2	19.3	0	20.0
		25	12	22.0	0	22.2	19.3	0	20.0
		25	25	22.0	0	22.2	19.4	0	20.0
		50	0	22.0	0	22.2	19.4	0	20.0
	256QAM	1	0	20.6	1.5	20.7	19.4	0	20.0
		1	25	20.7	1.5	20.7	19.5	0	20.0
		1	49	20.6	1.5	20.7	19.5	0	20.0
		25	0	20.4	1.5	20.7	19.3	0	20.0
		25	12	20.5	1.5	20.7	19.3	0	20.0
		25	25	20.5	1.5	20.7	19.4	0	20.0
		50	0	20.5	1.5	20.7	19.4	0	20.0

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
				27710 2310 MHz	MPR	Max Output Pwr	27710 2310 MHz	MPR	Max Output Pwr
5	QPSK	1	0	21.9	0	22.2	19.3	0	20.0
		1	12	22.0	0	22.2	19.4	0	20.0
		1	24	21.9	0	22.2	19.4	0	20.0
		12	0	21.9	0	22.2	19.3	0	20.0
		12	7	22.0	0	22.2	19.4	0	20.0
		12	13	22.0	0	22.2	19.4	0	20.0
		25	0	21.9	0	22.2	19.4	0	20.0
	16QAM	1	0	22.2	0	22.2	19.6	0	20.0
		1	12	22.2	0	22.2	19.6	0	20.0
		1	24	22.2	0	22.2	19.6	0	20.0
		12	0	21.9	0	22.2	19.3	0	20.0
		12	7	21.9	0	22.2	19.3	0	20.0
		12	13	22.0	0	22.2	19.4	0	20.0
		25	0	22.0	0	22.2	19.4	0	20.0
	64QAM	1	0	22.0	0	22.2	19.4	0	20.0
		1	12	22.1	0	22.2	19.5	0	20.0
		1	24	22.1	0	22.2	19.5	0	20.0
		12	0	21.9	0	22.2	19.3	0	20.0
		12	7	22.0	0	22.2	19.4	0	20.0
		12	13	22.0	0	22.2	19.4	0	20.0
		25	0	22.0	0	22.2	19.4	0	20.0
	256QAM	1	0	20.5	1.5	20.7	19.4	0	20.0
		1	12	20.6	1.5	20.7	19.6	0	20.0
		1	24	20.6	1.5	20.7	19.5	0	20.0
		12	0	20.4	1.5	20.7	19.3	0	20.0
		12	7	20.4	1.5	20.7	19.4	0	20.0
		12	13	20.5	1.5	20.7	19.4	0	20.0
		25	0	20.5	1.5	20.7	19.4	0	20.0

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	Max Output Pwr	27710 2310 MHz	MPR	Max Output Pwr
10	QPSK	1	0	18.5	0	19.5	19.6	0	19.7
		1	25	18.5	0	19.5	19.6	0	19.7
		1	49	18.5	0	19.5	19.6	0	19.7
		25	0	18.5	0	19.5	19.6	0	19.7
		25	12	18.5	0	19.5	19.6	0	19.7
		25	25	18.5	0	19.5	19.6	0	19.7
		50	0	18.5	0	19.5	19.4	0	19.7
	16QAM	1	0	18.5	0	19.5	19.7	0	19.7
		1	25	18.5	0	19.5	19.7	0	19.7
		1	49	18.5	0	19.5	19.7	0	19.7
		25	0	18.5	0	19.5	19.7	0	19.7
		25	12	18.5	0	19.5	19.7	0	19.7
		25	25	18.5	0	19.5	19.6	0	19.7
		50	0	18.5	0	19.5	19.7	0	19.7
	64QAM	1	0	18.5	0	19.5	19.7	0	19.7
		1	25	18.5	0	19.5	19.7	0	19.7
		1	49	18.5	0	19.5	19.7	0	19.7
		25	0	18.5	0	19.5	19.7	0	19.7
		25	12	18.5	0	19.5	19.7	0	19.7
		25	25	18.4	0	19.5	19.6	0	19.7
		50	0	18.4	0	19.5	19.7	0	19.7
	256QAM	1	0	17.7	0.8	18.7	18.7	1	18.7
		1	25	17.7	0.8	18.7	18.7	1	18.7
		1	49	17.7	0.8	18.7	18.7	1	18.7
		25	0	17.6	0.8	18.7	18.7	1	18.7
		25	12	17.6	0.8	18.7	18.7	1	18.7
		25	25	17.6	0.8	18.7	18.6	1	18.7
		50	0	17.6	0.8	18.7	18.6	1	18.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
				27710 2310 MHz	MPR	Max Output Pwr	27710 2310 MHz	MPR	Max Output Pwr
5	QPSK	1	0	18.5	0	19.5	19.7	0	19.7
		1	12	18.5	0	19.5	19.7	0	19.7
		1	24	18.5	0	19.5	19.6	0	19.7
		12	0	18.5	0	19.5	19.7	0	19.7
		12	7	18.5	0	19.5	19.7	0	19.7
		12	13	18.5	0	19.5	19.6	0	19.7
		25	0	18.5	0	19.5	19.6	0	19.7
	16QAM	1	0	18.5	0	19.5	19.7	0	19.7
		1	12	18.5	0	19.5	19.7	0	19.7
		1	24	18.5	0	19.5	19.7	0	19.7
		12	0	18.5	0	19.5	19.7	0	19.7
		12	7	18.5	0	19.5	19.7	0	19.7
		12	13	18.5	0	19.5	19.7	0	19.7
		25	0	18.5	0	19.5	19.7	0	19.7
	64QAM	1	0	18.5	0	19.5	19.7	0	19.7
		1	12	18.5	0	19.5	19.7	0	19.7
		1	24	18.5	0	19.5	19.7	0	19.7
		12	0	18.5	0	19.5	19.7	0	19.7
		12	7	18.5	0	19.5	19.7	0	19.7
		12	13	18.4	0	19.5	19.6	0	19.7
		25	0	18.5	0	19.5	19.7	0	19.7
	256QAM	1	0	17.7	0.8	18.7	18.7	1	18.7
		1	12	17.7	0.8	18.7	18.7	1	18.7
		1	24	17.7	0.8	18.7	18.7	1	18.7
		12	0	17.7	0.8	18.7	18.7	1	18.7
		12	7	17.7	0.8	18.7	18.7	1	18.7
		12	13	17.6	0.8	18.7	18.6	1	18.7
		25	0	17.7	0.8	18.7	18.7	1	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	Max Output Pwr	27710 2310 MHz	MPR	Max Output Pwr
10	QPSK	1	0	20.8	0	21.0	19.4	0	20.2
		1	25	20.8	0	21.0	19.4	0	20.2
		1	49	20.7	0	21.0	19.3	0	20.2
		25	0	20.9	0	21.0	19.4	0	20.2
		25	12	20.9	0	21.0	19.4	0	20.2
		25	25	20.8	0	21.0	19.3	0	20.2
		50	0	20.9	0	21.0	19.4	0	20.2
	16QAM	1	0	21.0	0	21.0	19.5	0	20.2
		1	25	21.0	0	21.0	19.5	0	20.2
		1	49	21.0	0	21.0	19.5	0	20.2
		25	0	20.9	0	21.0	19.5	0	20.2
		25	12	20.9	0	21.0	19.5	0	20.2
		25	25	20.8	0	21.0	19.4	0	20.2
		50	0	20.9	0	21.0	19.4	0	20.2
	64QAM	1	0	21.0	0	21.0	20.0	0	20.2
		1	25	21.0	0	21.0	20.0	0	20.2
		1	49	21.0	0	21.0	20.2	0	20.2
		25	0	21.0	0	21.0	20.2	0	20.2
		25	12	20.9	0	21.0	20.1	0	20.2
		25	25	20.9	0	21.0	20.1	0	20.2
		50	0	20.9	0	21.0	20.1	0	20.2
	256QAM	1	0	20.0	1	20.0	20.0	0.2	20.0
		1	25	20.0	1	20.0	20.0	0.2	20.0
		1	49	19.9	1	20.0	19.9	0.2	20.0
		25	0	20.0	1	20.0	19.9	0.2	20.0
		25	12	19.9	1	20.0	19.9	0.2	20.0
		25	25	19.9	1	20.0	19.8	0.2	20.0
		50	0	19.9	1	20.0	19.8	0.2	20.0

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
				27710 2310 MHz	MPR	Max Output Pwr	27710 2310 MHz	MPR	Max Output Pwr
5	QPSK	1	0	20.8	0	21.0	19.4	0	20.2
		1	12	20.9	0	21.0	19.5	0	20.2
		1	24	20.8	0	21.0	19.4	0	20.2
		12	0	20.9	0	21.0	19.4	0	20.2
		12	7	20.9	0	21.0	19.5	0	20.2
		12	13	20.9	0	21.0	19.4	0	20.2
		25	0	20.9	0	21.0	19.4	0	20.2
	16QAM	1	0	21.0	0	21.0	19.5	0	20.2
		1	12	21.0	0	21.0	19.5	0	20.2
		1	24	21.0	0	21.0	19.5	0	20.2
		12	0	21.0	0	21.0	19.5	0	20.2
		12	7	21.0	0	21.0	19.5	0	20.2
		12	13	20.9	0	21.0	19.5	0	20.2
		25	0	20.9	0	21.0	19.4	0	20.2
	64QAM	1	0	21.0	0	21.0	20.1	0	20.2
		1	12	21.0	0	21.0	20.1	0	20.2
		1	24	21.0	0	21.0	20.2	0	20.2
		12	0	21.0	0	21.0	20.2	0	20.2
		12	7	21.0	0	21.0	20.1	0	20.2
		12	13	20.9	0	21.0	20.1	0	20.2
		25	0	20.9	0	21.0	20.1	0	20.2
	256QAM	1	0	20.0	1	20.0	20.0	0.2	20.0
		1	12	20.0	1	20.0	20.0	0.2	20.0
		1	24	20.0	1	20.0	19.9	0.2	20.0
		12	0	20.0	1	20.0	20.0	0.2	20.0
		12	7	20.0	1	20.0	19.9	0.2	20.0
		12	13	19.9	1	20.0	19.9	0.2	20.0
		25	0	19.9	1	20.0	19.9	0.2	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	Max Output Pwr	27710 2310 MHz	MPR	Max Output Pwr
10	QPSK	1	0	20.9	0	21.5	18.1	0	19.0
		1	25	20.9	0	21.5	18.1	0	19.0
		1	49	20.9	0	21.5	18.1	0	19.0
		25	0	21.0	0	21.5	18.1	0	19.0
		25	12	21.0	0	21.5	18.1	0	19.0
		25	25	21.0	0	21.5	18.1	0	19.0
		50	0	21.0	0	21.5	18.2	0	19.0
	16QAM	1	0	21.5	0	21.5	18.2	0	19.0
		1	25	21.5	0	21.5	18.2	0	19.0
		1	49	21.4	0	21.5	18.2	0	19.0
		25	0	20.5	0.8	20.7	18.2	0	19.0
		25	12	20.5	0.8	20.7	18.2	0	19.0
		25	25	20.4	0.8	20.7	18.1	0	19.0
		50	0	20.4	0.8	20.7	18.1	0	19.0
	64QAM	1	0	20.6	0.8	20.7	18.2	0	19.0
		1	25	20.4	0.8	20.7	18.3	0	19.0
		1	49	20.4	0.8	20.7	18.2	0	19.0
		25	0	19.4	1.8	19.7	18.3	0	19.0
		25	12	19.3	1.8	19.7	18.3	0	19.0
		25	25	19.3	1.8	19.7	18.2	0	19.0
		50	0	19.3	1.8	19.7	18.3	0	19.0
	256QAM	1	0	17.6	3.8	17.7	17.3	1.3	17.7
		1	25	17.4	3.8	17.7	17.1	1.3	17.7
		1	49	17.3	3.8	17.7	17.1	1.3	17.7
		25	0	17.4	3.8	17.7	17.0	1.3	17.7
		25	12	17.3	3.8	17.7	17.0	1.3	17.7
		25	25	17.3	3.8	17.7	16.9	1.3	17.7
		50	0	17.3	3.8	17.7	17.0	1.3	17.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
				27710 2310 MHz	MPR	Max Output Pwr	27710 2310 MHz	MPR	Max Output Pwr
5	QPSK	1	0	21.2	0	21.5	18.1	0	19.0
		1	12	21.3	0	21.5	18.2	0	19.0
		1	24	21.1	0	21.5	18.1	0	19.0
		12	0	21.3	0	21.5	18.2	0	19.0
		12	7	21.3	0	21.5	18.1	0	19.0
		12	13	21.2	0	21.5	18.1	0	19.0
		25	0	21.2	0	21.5	18.2	0	19.0
	16QAM	1	0	21.5	0	21.5	18.2	0	19.0
		1	12	21.5	0	21.5	18.2	0	19.0
		1	24	21.5	0	21.5	18.2	0	19.0
		12	0	20.5	0.8	20.7	18.2	0	19.0
		12	7	20.6	0.8	20.7	18.2	0	19.0
		12	13	20.5	0.8	20.7	18.2	0	19.0
		25	0	20.4	0.8	20.7	18.2	0	19.0
	64QAM	1	0	20.6	0.8	20.7	18.1	0	19.0
		1	12	20.5	0.8	20.7	18.1	0	19.0
		1	24	20.4	0.8	20.7	18.4	0	19.0
		12	0	19.4	1.8	19.7	18.3	0	19.0
		12	7	19.4	1.8	19.7	18.4	0	19.0
		12	13	19.3	1.8	19.7	18.3	0	19.0
		25	0	19.4	1.8	19.7	18.3	0	19.0
	256QAM	1	0	17.5	3.8	17.7	17.3	1.3	17.7
		1	12	17.5	3.8	17.7	17.2	1.3	17.7
		1	24	17.4	3.8	17.7	17.2	1.3	17.7
		12	0	17.4	3.8	17.7	17.0	1.3	17.7
		12	7	17.4	3.8	17.7	17.0	1.3	17.7
		12	13	17.4	3.8	17.7	17.0	1.3	17.7
		25	0	17.4	3.8	17.7	17.0	1.3	17.7

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	Max Output Pwr	39750	40185	40620	41055	41490	MPR	Max Output Pwr
				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	QPSK	1	0	24.9	24.8	24.9	24.7	24.7	0	25.2	21.6	21.6	21.7	21.6	21.5	0	22.0
		1	49	24.9	24.8	24.9	24.8	24.7	0	25.2	21.9	21.7	21.8	21.8	21.8	0	22.0
		1	99	24.9	24.8	24.9	24.8	24.7	0	25.2	21.7	21.6	21.8	21.7	21.5	0	22.0
		50	0	24.6	24.5	24.5	24.5	24.3	0.5	24.7	21.8	21.8	21.8	21.7	21.6	0	22.0
		50	24	24.6	24.5	24.5	24.5	24.4	0.5	24.7	22.0	21.9	21.8	22.0	22.0	0	22.0
		50	50	24.5	24.5	24.5	24.5	24.3	0.5	24.7	21.8	21.7	21.8	21.7	21.5	0	22.0
		100	0	24.5	24.5	24.5	24.5	24.3	0.5	24.7	21.9	21.9	21.9	21.9	21.9	0	22.0
	16QAM	1	0	24.5	24.4	24.5	24.4	24.4	0.5	24.7	21.9	21.7	21.8	21.8	21.6	0	22.0
		1	49	24.6	24.6	24.7	24.4	24.6	0.5	24.7	22.0	21.9	21.9	22.0	21.7	0	22.0
		1	99	24.5	24.5	24.6	24.5	24.4	0.5	24.7	21.9	21.8	21.8	21.8	21.6	0	22.0
		50	0	23.6	23.5	23.5	23.5	23.3	1.5	23.7	21.8	21.8	21.8	21.7	21.6	0	22.0
		50	24	23.6	23.5	23.5	23.5	23.4	1.5	23.7	21.9	21.8	21.8	21.8	21.6	0	22.0
		50	50	23.5	23.5	23.5	23.5	23.3	1.5	23.7	21.8	21.7	21.8	21.7	21.5	0	22.0
		100	0	23.5	23.5	23.5	23.5	23.3	1.5	23.7	21.8	21.7	21.8	21.8	21.6	0	22.0
	64QAM	1	0	23.4	23.4	23.4	23.4	23.3	1.5	23.7	21.8	21.6	21.8	21.7	21.5	0	22.0
		1	49	23.4	23.5	23.4	23.4	23.3	1.5	23.7	21.8	21.7	21.8	22.0	21.6	0	22.0
		1	99	23.4	23.5	23.6	23.5	23.3	1.5	23.7	21.8	21.6	21.9	21.9	21.7	0	22.0
		50	0	22.6	22.5	22.5	22.4	22.3	2.5	22.7	21.8	21.8	21.8	21.8	21.5	0	22.0
		50	24	22.6	22.5	22.5	22.5	22.4	2.5	22.7	21.9	21.8	21.8	21.8	21.6	0	22.0
		50	50	22.5	22.5	22.5	22.4	22.3	2.5	22.7	21.8	21.7	21.8	21.7	21.5	0	22.0
		100	0	22.5	22.4	22.4	22.4	22.4	2.5	22.7	21.8	21.7	21.8	21.8	21.6	0	22.0
	256QAM	1	0	20.6	20.5	20.5	20.4	20.2	4.5	20.7	20.5	20.5	20.4	20.2	20.2	1.3	20.7
		1	49	20.6	20.4	20.5	20.4	20.2	4.5	20.7	20.5	20.5	20.5	20.2	20.3	1.3	20.7
		1	99	20.6	20.4	20.6	20.4	20.2	4.5	20.7	20.6	20.5	20.5	20.3	20.3	1.3	20.7
		50	0	20.6	20.5	20.5	20.4	20.3	4.5	20.7	20.5	20.5	20.6	20.4	20.2	1.3	20.7
		50	24	20.6	20.6	20.5	20.5	20.4	4.5	20.7	20.6	20.5	20.5	20.5	20.3	1.3	20.7
		50	50	20.5	20.5	20.5	20.4	20.3	4.5	20.7	20.5	20.5	20.5	20.4	20.2	1.3	20.7
		100	0	20.5	20.5	20.4	20.4	20.3	4.5	20.7	20.5	20.4	20.5	20.4	20.3	1.3	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)							Power Mode B (dBm)						
				39750	40185	40620	41055	41490	MPR	Max Output Pwr	39750	40185	40620	41055	41490	MPR	Max Output Pwr
				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	QPSK	1	0	24.9	24.7	24.8	24.7	24.7	0	25.2	21.6	21.6	21.6	21.5	21.4	0	22.0
		1	37	25.0	24.8	24.9	24.8	24.7	0	25.2	21.7	21.7	21.7	21.6	21.5	0	22.0
		1	74	24.9	24.9	24.9	24.9	24.7	0	25.2	21.6	21.8	21.7	21.7	21.5	0	22.0
		36	0	24.5	24.4	24.5	24.4	24.3	0.5	24.7	21.8	21.9	21.8	21.7	21.6	0	22.0
		36	20	24.6	24.5	24.5	24.5	24.4	0.5	24.7	21.8	21.8	21.8	21.7	21.6	0	22.0
		36	39	24.5	24.5	24.5	24.4	24.3	0.5	24.7	21.8	21.8	21.8	21.7	21.5	0	22.0
		75	0	24.5	24.5	24.5	24.5	24.4	0.5	24.7	21.8	21.8	21.8	21.8	21.6	0	22.0
	16QAM	1	0	24.5	24.3	24.4	24.3	24.2	0.5	24.7	21.7	21.7	21.7	21.5	21.5	0	22.0
		1	37	24.6	24.4	24.5	24.4	24.3	0.5	24.7	21.8	21.7	21.8	21.6	21.5	0	22.0
		1	74	24.5	24.5	24.5	24.4	24.3	0.5	24.7	21.7	21.8	21.8	21.7	21.6	0	22.0
		36	0	23.5	23.5	23.5	23.5	23.3	1.5	23.7	21.8	21.8	21.8	21.7	21.6	0	22.0
		36	20	23.6	23.5	23.5	23.5	23.3	1.5	23.7	21.8	21.8	21.8	21.7	21.6	0	22.0
		36	39	23.5	23.5	23.5	23.4	23.3	1.5	23.7	21.8	21.8	21.8	21.7	21.5	0	22.0
		75	0	23.5	23.5	23.5	23.5	23.4	1.5	23.7	21.8	21.8	21.8	21.8	21.6	0	22.0
	64QAM	1	0	23.4	23.3	23.4	23.2	23.2	1.5	23.7	21.7	21.7	21.7	21.6	21.5	0	22.0
		1	37	23.5	23.4	23.4	23.3	23.2	1.5	23.7	21.7	21.6	21.7	21.7	21.5	0	22.0
		1	74	23.5	23.4	23.5	23.4	23.2	1.5	23.7	21.7	21.8	21.8	21.7	21.6	0	22.0
		36	0	22.5	22.4	22.5	22.5	22.3	2.5	22.7	21.8	21.8	21.8	21.7	21.6	0	22.0
		36	20	22.6	22.5	22.4	22.5	22.3	2.5	22.7	21.8	21.8	21.7	21.7	21.6	0	22.0
		36	39	22.5	22.5	22.5	22.4	22.3	2.5	22.7	21.8	21.8	21.7	21.7	21.5	0	22.0
		75	0	22.5	22.5	22.4	22.5	22.3	2.5	22.7	21.8	21.8	21.7	21.8	21.6	0	22.0
	256QAM	1	0	20.5	20.3	20.4	20.3	20.3	4.5	20.7	20.5	20.4	20.5	20.3	20.2	1.3	20.7
		1	37	20.6	20.5	20.6	20.3	20.3	4.5	20.7	20.6	20.5	20.5	20.4	20.2	1.3	20.7
		1	74	20.5	20.4	20.5	20.4	20.3	4.5	20.7	20.5	20.5	20.5	20.4	20.2	1.3	20.7
		36	0	20.6	20.5	20.5	20.4	20.3	4.5	20.7	20.6	20.5	20.5	20.4	20.3	1.3	20.7
		36	20	20.6	20.5	20.5	20.5	20.3	4.5	20.7	20.6	20.5	20.5	20.4	20.3	1.3	20.7
		36	39	20.5	20.5	20.5	20.4	20.3	4.5	20.7	20.5	20.5	20.5	20.4	20.2	1.3	20.7
		75	0	20.5	20.5	20.5	20.5	20.3	4.5	20.7	20.5	20.5	20.5	20.4	20.3	1.3	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	Max Output Pwr	39750	40185	40620	41055	41490	MPR	Max Output Pwr
				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	QPSK	1	0	25.1	25.0	25.0	24.9	24.8	0	25.2	21.8	21.8	21.8	21.7	21.6	0	22.0
		1	25	25.1	25.1	25.1	25.0	24.9	0	25.2	21.9	21.8	21.9	21.8	21.7	0	22.0
		1	49	25.1	25.0	25.1	25.0	24.9	0	25.2	21.9	21.8	21.9	21.8	21.6	0	22.0
		25	0	24.7	24.6	24.6	24.6	24.4	0.5	24.7	22.0	21.9	21.9	21.8	21.7	0	22.0
		25	12	24.7	24.7	24.6	24.6	24.5	0.5	24.7	22.0	21.9	21.9	21.9	21.7	0	22.0
		25	25	24.7	24.7	24.6	24.6	24.4	0.5	24.7	22.0	21.9	21.9	21.8	21.7	0	22.0
		50	0	24.7	24.6	24.6	24.6	24.5	0.5	24.7	22.0	21.9	21.9	21.9	21.7	0	22.0
	16QAM	1	0	24.7	24.6	24.7	24.4	24.5	0.5	24.7	21.8	21.7	21.7	21.7	21.5	0	22.0
		1	25	24.7	24.7	24.7	24.5	24.5	0.5	24.7	21.9	21.8	21.8	21.7	21.6	0	22.0
		1	49	24.7	24.7	24.7	24.5	24.5	0.5	24.7	21.9	21.8	21.9	21.7	21.6	0	22.0
		25	0	23.7	23.7	23.7	23.6	23.5	1.5	23.7	22.0	21.9	22.0	21.8	21.7	0	22.0
		25	12	23.7	23.7	23.6	23.6	23.5	1.5	23.7	22.0	22.0	21.9	21.9	21.7	0	22.0
		25	25	23.7	23.7	23.6	23.6	23.4	1.5	23.7	22.0	22.0	21.9	21.8	21.7	0	22.0
		50	0	23.7	23.7	23.6	23.6	23.5	1.5	23.7	22.0	22.0	21.9	21.9	21.7	0	22.0
	64QAM	1	0	23.6	23.5	23.5	23.5	23.3	1.5	23.7	21.9	21.8	21.8	21.7	21.6	0	22.0
		1	25	23.7	23.6	23.6	23.6	23.5	1.5	23.7	22.0	21.8	21.9	21.8	21.7	0	22.0
		1	49	23.7	23.6	23.6	23.6	23.4	1.5	23.7	21.9	21.8	21.8	21.8	21.6	0	22.0
		25	0	22.6	22.6	22.7	22.6	22.4	2.5	22.7	21.9	21.9	21.9	21.8	21.7	0	22.0
		25	12	22.7	22.7	22.6	22.6	22.5	2.5	22.7	22.0	21.9	21.9	21.9	21.8	0	22.0
		25	25	22.7	22.7	22.6	22.6	22.4	2.5	22.7	22.0	21.9	21.9	21.8	21.7	0	22.0
		50	0	22.7	22.6	22.6	22.6	22.4	2.5	22.7	22.0	21.9	21.8	21.9	21.7	0	22.0
	256QAM	1	0	20.6	20.5	20.6	20.6	20.4	4.5	20.7	20.5	20.5	20.5	20.4	20.4	1.3	20.7
		1	25	20.7	20.6	20.6	20.7	20.5	4.5	20.7	20.6	20.6	20.6	20.5	20.5	1.3	20.7
		1	49	20.6	20.6	20.5	20.6	20.4	4.5	20.7	20.6	20.5	20.5	20.4	20.4	1.3	20.7
		25	0	20.6	20.6	20.7	20.6	20.5	4.5	20.7	20.6	20.6	20.6	20.5	20.4	1.3	20.7
		25	12	20.7	20.7	20.6	20.7	20.5	4.5	20.7	20.7	20.7	20.6	20.6	20.5	1.3	20.7
		25	25	20.7	20.7	20.6	20.6	20.4	4.5	20.7	20.7	20.7	20.6	20.5	20.4	1.3	20.7
		50	0	20.7	20.7	20.6	20.6	20.5	4.5	20.7	20.6	20.6	20.5	20.6	20.5	1.3	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)							Power Mode B (dBm)						
				39750	40185	40620	41055	41490	MPR	Max Output Pwr	39750	40185	40620	41055	41490	MPR	Max Output Pwr
				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	QPSK	1	0	25.1	25.0	25.0	24.9	24.8	0	25.2	21.8	21.8	21.8	21.7	21.6	0	22.0
		1	12	25.1	25.1	25.2	25.0	24.9	0	25.2	21.9	21.9	22.0	21.8	21.7	0	22.0
		1	24	25.2	25.1	25.1	24.9	24.9	0	25.2	21.9	21.9	21.9	21.7	21.6	0	22.0
		12	0	24.7	24.6	24.6	24.5	24.4	0.5	24.7	22.0	21.9	21.9	21.8	21.7	0	22.0
		12	7	24.7	24.7	24.6	24.6	24.5	0.5	24.7	22.0	22.0	21.9	21.9	21.7	0	22.0
		12	13	24.7	24.6	24.6	24.5	24.5	0.5	24.7	22.0	21.9	21.9	21.8	21.7	0	22.0
		25	0	24.7	24.6	24.6	24.6	24.4	0.5	24.7	22.0	21.9	21.9	21.8	21.7	0	22.0
	16QAM	1	0	24.7	24.6	24.7	24.5	24.4	0.5	24.7	21.9	21.9	21.9	21.8	21.6	0	22.0
		1	12	24.7	24.7	24.7	24.7	24.6	0.5	24.7	22.0	22.0	22.0	21.8	21.7	0	22.0
		1	24	24.7	24.6	24.6	24.5	24.5	0.5	24.7	21.9	22.0	21.9	21.8	21.6	0	22.0
		12	0	23.7	23.6	23.6	23.6	23.4	1.5	23.7	22.0	22.0	22.0	21.8	21.6	0	22.0
		12	7	23.7	23.7	23.6	23.6	23.5	1.5	23.7	22.0	22.0	21.9	21.9	21.7	0	22.0
		12	13	23.7	23.6	23.6	23.6	23.4	1.5	23.7	22.0	22.0	21.9	21.9	21.7	0	22.0
		25	0	23.7	23.6	23.6	23.6	23.4	1.5	23.7	22.0	22.0	21.8	21.8	21.7	0	22.0
	64QAM	1	0	23.7	23.6	23.7	23.6	23.4	1.5	23.7	21.9	21.9	21.9	21.8	21.6	0	22.0
		1	12	23.7	23.6	23.7	23.7	23.5	1.5	23.7	21.9	22.0	21.9	21.8	21.7	0	22.0
		1	24	23.7	23.6	23.7	23.6	23.4	1.5	23.7	21.9	21.9	21.9	21.8	21.7	0	22.0
		12	0	22.7	22.6	22.7	22.6	22.4	2.5	22.7	21.9	21.9	21.9	21.8	21.7	0	22.0
		12	7	22.7	22.6	22.6	22.6	22.5	2.5	22.7	22.0	22.0	21.9	21.9	21.7	0	22.0
		12	13	22.7	22.6	22.6	22.6	22.5	2.5	22.7	22.0	21.9	21.9	21.8	21.7	0	22.0
		25	0	22.7	22.6	22.6	22.6	22.5	2.5	22.7	22.0	21.9	21.9	21.9	21.7	0	22.0
	256QAM	1	0	20.7	20.5	20.6	20.5	20.5	4.5	20.7	20.6	20.6	20.6	20.5	20.3	1.3	20.7
		1	12	20.7	20.7	20.6	20.6	20.6	4.5	20.7	20.6	20.7	20.6	20.5	20.5	1.3	20.7
		1	24	20.7	20.6	20.5	20.5	20.4	4.5	20.7	20.6	20.6	20.5	20.4	20.3	1.3	20.7
		12	0	20.7	20.6	20.7	20.6	20.5	4.5	20.7	20.6	20.7	20.7	20.6	20.4	1.3	20.7
		12	7	20.7	20.6	20.6	20.6	20.5	4.5	20.7	20.7	20.7	20.6	20.6	20.5	1.3	20.7
		12	13	20.7	20.6	20.6	20.6	20.5	4.5	20.7	20.6	20.6	20.6	20.6	20.4	1.3	20.7
		25	0	20.7	20.6	20.6	20.6	20.5	4.5	20.7	20.7	20.6	20.6	20.6	20.4	1.3	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	Max Output Pwr	39750	40185	40620	41055	41490	MPR	Max Output Pwr
				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	QPSK	1	0	17.4	17.4	17.6	17.4	17.3	0	18.5	20.0	20.1	20.3	20.1	20.1	0	20.5
		1	49	17.4	17.5	17.5	17.4	17.3	0	18.5	20.0	20.1	20.3	20.1	20.2	0	20.5
		1	99	17.4	17.4	17.6	17.4	17.3	0	18.5	20.0	20.1	20.3	20.1	20.1	0	20.5
		50	0	17.5	17.5	17.6	17.5	17.4	0	18.5	20.1	20.2	20.3	20.2	20.2	0	20.5
		50	24	17.5	17.5	17.6	17.5	17.4	0	18.5	20.1	20.2	20.3	20.2	20.3	0	20.5
		50	50	17.4	17.4	17.6	17.4	17.4	0	18.5	20.0	20.1	20.3	20.2	20.2	0	20.5
		100	0	17.5	17.5	17.6	17.5	17.4	0	18.5	20.1	20.2	20.3	20.2	20.2	0	20.5
	16QAM	1	0	17.5	17.5	17.6	17.5	17.4	0	18.5	20.1	20.3	20.3	20.2	20.3	0	20.5
		1	49	17.5	17.6	17.6	17.5	17.5	0	18.5	20.1	20.3	20.3	20.3	20.3	0	20.5
		1	99	17.5	17.6	17.6	17.5	17.5	0	18.5	20.1	20.3	20.3	20.2	20.2	0	20.5
		50	0	17.5	17.5	17.6	17.5	17.4	0	18.5	20.1	20.2	20.3	20.2	20.3	0	20.5
		50	24	17.5	17.5	17.6	17.6	17.4	0	18.5	20.1	20.3	20.3	20.3	20.3	0	20.5
		50	50	17.5	17.5	17.6	17.5	17.3	0	18.5	20.1	20.2	20.3	20.2	20.2	0	20.5
		100	0	17.5	17.5	17.6	17.5	17.4	0	18.5	20.1	20.2	20.3	20.2	20.3	0	20.5
	64QAM	1	0	17.2	17.3	17.4	17.2	17.2	0	18.5	19.9	20.0	20.1	20.0	19.7	0	20.5
		1	49	17.3	17.2	17.4	17.2	17.1	0	18.5	19.8	20.1	20.0	20.0	20.1	0	20.5
		1	99	17.2	17.2	17.6	17.2	17.3	0	18.5	19.8	20.0	20.1	20.0	20.0	0	20.5
		50	0	17.4	17.4	17.4	17.3	17.2	0	18.5	20.1	20.1	20.1	20.0	19.9	0	20.5
		50	24	17.3	17.3	17.4	17.4	17.3	0	18.5	20.0	20.0	20.1	20.1	20.0	0	20.5
		50	50	17.4	17.3	17.4	17.3	17.2	0	18.5	20.0	20.1	20.1	20.0	20.0	0	20.5
		100	0	17.3	17.3	17.4	17.4	17.3	0	18.5	20.1	20.0	20.1	20.1	20.0	0	20.5
	256QAM	1	0	17.4	17.2	17.3	17.3	17.1	0	18.5	20.0	19.9	20.0	20.0	19.6	0	20.5
		1	49	17.4	17.2	17.4	17.4	17.1	0	18.5	20.1	19.9	20.0	20.1	19.8	0	20.5
		1	99	17.4	17.3	17.3	17.4	17.1	0	18.5	20.1	20.0	20.0	20.1	19.8	0	20.5
		50	0	17.4	17.4	17.4	17.4	17.2	0	18.5	20.1	20.1	20.1	20.1	20.0	0	20.5
		50	24	17.4	17.3	17.4	17.4	17.3	0	18.5	20.0	20.0	20.1	20.1	20.0	0	20.5
		50	50	17.4	17.4	17.5	17.3	17.2	0	18.5	20.0	20.1	20.1	20.0	20.0	0	20.5
		100	0	17.3	17.3	17.4	17.4	17.3	0	18.5	20.0	20.0	20.1	20.1	20.0	0	20.5

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)							Power Mode B (dBm)						
				39750	40185	40620	41055	41490	MPR	Max Output Pwr	39750	40185	40620	41055	41490	MPR	Max Output Pwr
				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	QPSK	1	0	17.4	17.4	17.5	17.4	17.3	0	18.5	20.0	20.1	20.3	20.1	20.2	0	20.5
		1	37	17.4	17.4	17.5	17.4	17.3	0	18.5	20.0	20.1	20.3	20.2	20.1	0	20.5
		1	74	17.3	17.4	17.5	17.4	17.3	0	18.5	20.0	20.1	20.3	20.2	20.0	0	20.5
		36	0	17.5	17.5	17.6	17.5	17.4	0	18.5	20.1	20.2	20.3	20.2	20.2	0	20.5
		36	20	17.5	17.5	17.5	17.5	17.4	0	18.5	20.0	20.2	20.3	20.2	20.2	0	20.5
		36	39	17.4	17.4	17.6	17.4	17.3	0	18.5	20.0	20.1	20.3	20.2	20.2	0	20.5
		75	0	17.5	17.5	17.6	17.5	17.4	0	18.5	20.1	20.2	20.3	20.3	20.2	0	20.5
	16QAM	1	0	17.4	17.5	17.6	17.3	17.3	0	18.5	19.9	20.1	20.3	20.0	20.2	0	20.5
		1	37	17.3	17.4	17.5	17.3	17.3	0	18.5	19.9	20.2	20.3	20.1	20.2	0	20.5
		1	74	17.2	17.4	17.6	17.3	17.3	0	18.5	19.9	20.2	20.3	20.1	20.1	0	20.5
		36	0	17.5	17.5	17.6	17.5	17.4	0	18.5	20.1	20.2	20.3	20.2	20.2	0	20.5
		36	20	17.5	17.5	17.6	17.5	17.4	0	18.5	20.1	20.2	20.3	20.2	20.2	0	20.5
		36	39	17.4	17.4	17.6	17.4	17.3	0	18.5	20.0	20.1	20.3	20.2	20.1	0	20.5
		75	0	17.5	17.5	17.6	17.5	17.4	0	18.5	20.1	20.2	20.3	20.2	20.2	0	20.5
	64QAM	1	0	17.3	17.1	17.4	17.2	17.1	0	18.5	20.0	19.8	20.0	19.9	19.9	0	20.5
		1	37	17.3	17.2	17.5	17.2	17.2	0	18.5	20.1	19.9	19.9	19.9	19.9	0	20.5
		1	74	17.2	17.2	17.5	17.2	17.3	0	18.5	19.9	20.0	20.0	19.9	19.8	0	20.5
		36	0	17.4	17.3	17.4	17.3	17.2	0	18.5	20.0	20.1	20.1	20.0	19.9	0	20.5
		36	20	17.3	17.3	17.4	17.4	17.2	0	18.5	20.0	20.0	20.1	20.1	20.0	0	20.5
		36	39	17.3	17.3	17.4	17.3	17.2	0	18.5	20.0	20.0	20.1	20.0	19.9	0	20.5
		75	0	17.3	17.3	17.4	17.4	17.2	0	18.5	20.0	20.0	20.1	20.1	19.9	0	20.5
	256QAM	1	0	17.4	17.3	17.3	17.2	17.1	0	18.5	19.9	19.9	19.9	19.9	19.9	0	20.5
		1	37	17.4	17.3	17.2	17.3	17.1	0	18.5	20.0	20.0	20.1	20.1	19.9	0	20.5
		1	74	17.3	17.3	17.4	17.3	17.1	0	18.5	20.1	19.9	20.0	19.9	19.9	0	20.5
		36	0	17.4	17.3	17.4	17.3	17.2	0	18.5	20.0	20.0	20.1	20.0	19.9	0	20.5
		36	20	17.3	17.3	17.4	17.3	17.2	0	18.5	20.0	20.0	20.1	20.1	20.0	0	20.5
		36	39	17.3	17.3	17.4	17.3	17.2	0	18.5	20.0	20.0	20.1	20.0	19.9	0	20.5
		75	0	17.3	17.3	17.4	17.4	17.2	0	18.5	20.0	20.0	20.1	20.1	20.0	0	20.5

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	Max Output Pwr	39750	40185	40620	41055	41490	MPR	Max Output Pwr
				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	QPSK	1	0	17.6	17.6	17.4	17.5	17.4	0	18.5	20.1	20.2	20.3	20.2	20.3	0	20.5
		1	25	17.6	17.6	17.5	17.6	17.5	0	18.5	20.2	20.3	20.3	20.3	20.3	0	20.5
		1	49	17.6	17.6	17.4	17.5	17.4	0	18.5	20.1	20.2	20.3	20.3	20.3	0	20.5
		25	0	17.6	17.6	17.5	17.6	17.5	0	18.5	20.2	20.3	20.3	20.3	20.3	0	20.5
		25	12	17.6	17.6	17.6	17.6	17.6	0	18.5	20.3	20.3	20.3	20.3	20.3	0	20.5
		25	25	17.6	17.6	17.5	17.5	17.5	0	18.5	20.2	20.3	20.3	20.3	20.3	0	20.5
		50	0	17.6	17.6	17.5	17.6	17.5	0	18.5	20.2	20.3	20.3	20.3	20.3	0	20.5
	16QAM	1	0	17.6	17.5	17.4	17.6	17.4	0	18.5	20.2	20.3	20.3	20.3	20.3	0	20.5
		1	25	17.6	17.5	17.4	17.6	17.4	0	18.5	20.2	20.3	20.3	20.3	20.3	0	20.5
		1	49	17.6	17.5	17.3	17.6	17.3	0	18.5	20.2	20.3	20.3	20.3	20.3	0	20.5
		25	0	17.6	17.6	17.4	17.6	17.4	0	18.5	20.3	20.3	20.3	20.3	20.3	0	20.5
		25	12	17.6	17.6	17.5	17.6	17.5	0	18.5	20.3	20.3	20.3	20.3	20.3	0	20.5
		25	25	17.6	17.6	17.4	17.5	17.4	0	18.5	20.2	20.3	20.3	20.3	20.3	0	20.5
		50	0	17.6	17.6	17.5	17.6	17.5	0	18.5	20.3	20.3	20.3	20.3	20.3	0	20.5
	64QAM	1	0	17.5	17.5	17.6	17.4	17.0	0	18.5	20.1	19.9	20.1	20.0	19.9	0	20.5
		1	25	17.5	17.4	17.6	17.4	17.1	0	18.5	20.2	20.0	20.3	20.1	20.0	0	20.5
		1	49	17.4	17.4	17.6	17.3	17.0	0	18.5	20.1	19.9	20.2	20.1	19.9	0	20.5
		25	0	17.6	17.5	17.6	17.5	17.4	0	18.5	20.2	20.2	20.3	20.2	20.1	0	20.5
		25	12	17.5	17.4	17.6	17.5	17.4	0	18.5	20.2	20.2	20.2	20.3	20.1	0	20.5
		25	25	17.5	17.4	17.5	17.4	17.3	0	18.5	20.2	20.1	20.2	20.2	20.1	0	20.5
		50	0	17.5	17.4	17.5	17.5	17.4	0	18.5	20.1	20.1	20.2	20.2	20.1	0	20.5
	256QAM	1	0	17.5	17.4	17.5	17.3	17.3	0	18.5	20.1	20.1	20.1	20.1	20.0	0	20.5
		1	25	17.5	17.5	17.6	17.4	17.3	0	18.5	20.2	20.2	20.2	20.2	20.1	0	20.5
		1	49	17.5	17.4	17.6	17.3	17.3	0	18.5	20.1	20.2	20.1	20.1	20.0	0	20.5
		25	0	17.6	17.5	17.6	17.5	17.4	0	18.5	20.2	20.2	20.3	20.2	20.1	0	20.5
		25	12	17.5	17.5	17.6	17.5	17.4	0	18.5	20.2	20.2	20.2	20.2	20.1	0	20.5
		25	25	17.5	17.5	17.6	17.5	17.3	0	18.5	20.2	20.2	20.2	20.2	20.1	0	20.5
		50	0	17.5	17.4	17.5	17.5	17.4	0	18.5	20.1	20.2	20.2	20.2	20.1	0	20.5

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)							Power Mode B (dBm)						
				39750	40185	40620	41055	41490	MPR	Max Output Pwr	39750	40185	40620	41055	41490	MPR	Max Output Pwr
				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	QPSK	1	0	17.6	17.5	17.4	17.5	17.4	0	18.5	20.3	20.3	20.2	20.2	20.2	0	20.5
		1	12	17.6	17.6	17.5	17.6	17.5	0	18.5	20.3	20.3	20.2	20.3	20.2	0	20.5
		1	24	17.5	17.5	17.4	17.5	17.4	0	18.5	20.2	20.3	20.1	20.2	20.1	0	20.5
		12	0	17.6	17.6	17.5	17.6	17.5	0	18.5	20.3	20.3	20.2	20.3	20.2	0	20.5
		12	7	17.6	17.6	17.5	17.6	17.5	0	18.5	20.3	20.3	20.3	20.3	20.3	0	20.5
		12	13	17.6	17.5	17.5	17.6	17.5	0	18.5	20.3	20.2	20.2	20.3	20.2	0	20.5
		25	0	17.6	17.6	17.5	17.6	17.5	0	18.5	20.3	20.3	20.2	20.3	20.2	0	20.5
	16QAM	1	0	17.6	17.5	17.4	17.6	17.4	0	18.5	20.3	20.3	20.3	20.3	20.3	0	20.5
		1	12	17.6	17.6	17.5	17.6	17.5	0	18.5	20.3	20.3	20.3	20.3	20.3	0	20.5
		1	24	17.6	17.6	17.4	17.6	17.4	0	18.5	20.3	20.3	20.3	20.2	20.3	0	20.5
		12	0	17.6	17.6	17.4	17.6	17.4	0	18.5	20.2	20.3	20.3	20.3	20.3	0	20.5
		12	7	17.6	17.6	17.5	17.6	17.5	0	18.5	20.3	20.3	20.3	20.3	20.3	0	20.5
		12	13	17.6	17.5	17.4	17.6	17.4	0	18.5	20.2	20.3	20.3	20.3	20.3	0	20.5
		25	0	17.5	17.6	17.5	17.6	17.5	0	18.5	20.3	20.3	20.2	20.3	20.2	0	20.5
	64QAM	1	0	17.5	17.5	17.6	17.4	17.2	0	18.5	20.3	20.1	20.3	20.0	20.0	0	20.5
		1	12	17.6	17.5	17.6	17.5	17.3	0	18.5	20.2	20.3	20.3	20.1	20.0	0	20.5
		1	24	17.5	17.4	17.6	17.4	17.2	0	18.5	20.2	20.1	20.3	20.0	20.0	0	20.5
		12	0	17.5	17.5	17.6	17.5	17.3	0	18.5	20.3	20.2	20.3	20.2	20.0	0	20.5
		12	7	17.5	17.5	17.5	17.5	17.4	0	18.5	20.2	20.1	20.3	20.2	20.1	0	20.5
		12	13	17.5	17.5	17.5	17.5	17.4	0	18.5	20.2	20.1	20.2	20.2	20.1	0	20.5
		25	0	17.4	17.5	17.5	17.5	17.3	0	18.5	20.2	20.1	20.2	20.2	20.1	0	20.5
	256QAM	1	0	17.5	17.4	17.5	17.5	17.2	0	18.5	20.2	20.0	20.2	20.2	20.0	0	20.5
		1	12	17.6	17.5	17.6	17.6	17.3	0	18.5	20.2	20.1	20.3	20.2	20.0	0	20.5
		1	24	17.5	17.4	17.5	17.4	17.2	0	18.5	20.2	20.0	20.2	20.1	19.9	0	20.5
		12	0	17.5	17.5	17.6	17.4	17.3	0	18.5	20.3	20.2	20.3	20.2	20.0	0	20.5
		12	7	17.5	17.5	17.6	17.5	17.4	0	18.5	20.2	20.2	20.2	20.2	20.1	0	20.5
		12	13	17.5	17.5	17.6	17.5	17.4	0	18.5	20.2	20.2	20.2	20.2	20.1	0	20.5
		25	0	17.5	17.5	17.5	17.5	17.4	0	18.5	20.2	20.2	20.2	20.2	20.1	0	20.5

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	Max Output Pwr	39750	40185	40620	41055	41490	MPR	Max Output Pwr
				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	QPSK	1	0	22.4	22.6	22.4	22.3	22.5	0	22.7	21.5	21.4	21.4	21.7	21.5	0	21.8
		1	49	22.6	22.6	22.4	22.4	22.5	0	22.7	21.5	21.4	21.6	21.7	21.5	0	21.8
		1	99	22.6	22.5	22.4	22.4	22.5	0	22.7	21.5	21.4	21.3	21.7	21.5	0	21.8
		50	0	22.7	22.7	22.5	22.4	22.6	0	22.7	21.6	21.5	21.4	21.8	21.6	0	21.8
		50	24	22.7	22.7	22.5	22.4	22.6	0	22.7	21.6	21.5	21.4	21.8	21.6	0	21.8
		50	50	22.7	22.6	22.5	22.4	22.6	0	22.7	21.6	21.5	21.4	21.4	21.6	0	21.8
		100	0	22.5	22.5	22.5	22.4	22.5	0	22.7	21.5	21.5	21.4	21.5	21.5	0	21.8
	16QAM	1	0	22.6	22.6	22.5	22.5	22.6	0	22.7	21.4	21.5	21.4	21.4	21.6	0	21.8
		1	49	22.7	22.7	22.5	22.6	22.7	0	22.7	21.8	21.5	21.5	21.5	21.7	0	21.8
		1	99	22.7	22.6	22.5	22.6	22.7	0	22.7	21.7	21.4	21.4	21.5	21.8	0	21.8
		50	0	22.7	22.7	22.5	22.4	22.5	0	22.7	21.6	21.5	21.4	21.8	21.6	0	21.8
		50	24	22.7	22.7	22.5	22.4	22.6	0	22.7	21.7	21.6	21.4	21.8	21.6	0	21.8
		50	50	22.7	22.6	22.5	22.5	22.6	0	22.7	21.6	21.5	21.4	21.4	21.7	0	21.8
		100	0	22.7	22.6	22.5	22.4	22.5	0	22.7	21.6	21.5	21.4	21.8	21.6	0	21.8
	64QAM	1	0	22.0	22.3	22.2	22.1	22.1	0	22.7	21.3	21.5	21.3	21.5	21.4	0	21.8
		1	49	22.4	22.4	22.1	22.1	22.2	0	22.7	21.7	21.5	21.3	21.6	21.5	0	21.8
		1	99	22.4	22.3	22.3	22.3	22.3	0	22.7	21.8	21.5	21.7	21.6	21.6	0	21.8
		50	0	22.4	22.4	22.3	22.2	22.2	0	22.7	21.7	21.6	21.5	21.5	21.5	0	21.8
		50	24	22.5	22.4	22.3	22.2	22.3	0	22.7	21.7	21.6	21.5	21.5	21.5	0	21.8
		50	50	22.5	22.4	22.3	22.3	22.4	0	22.7	21.7	21.6	21.6	21.6	21.6	0	21.8
		100	0	22.4	22.4	22.3	22.2	22.3	0	22.7	21.7	21.6	21.5	21.5	21.5	0	21.8
	256QAM	1	0	20.1	20.3	20.2	20.1	20.1	2	20.7	20.1	20.1	20.2	20.2	20.1	1.1	20.7
		1	49	20.5	20.3	20.3	20.3	20.3	2	20.7	20.4	20.2	20.2	20.2	20.2	1.1	20.7
		1	99	20.6	20.3	20.3	20.4	20.3	2	20.7	20.5	20.2	20.3	20.4	20.3	1.1	20.7
		50	0	20.4	20.4	20.3	20.2	20.2	2	20.7	20.4	20.3	20.2	20.2	20.2	1.1	20.7
		50	24	20.5	20.4	20.3	20.2	20.3	2	20.7	20.4	20.3	20.3	20.2	20.2	1.1	20.7
		50	50	20.5	20.4	20.3	20.3	20.4	2	20.7	20.5	20.3	20.3	20.3	20.3	1.1	20.7
		100	0	20.4	20.4	20.3	20.2	20.2	2	20.7	20.4	20.3	20.2	20.2	20.2	1.1	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)							Power Mode B (dBm)						
				39750	40185	40620	41055	41490	MPR	Max Output Pwr	39750	40185	40620	41055	41490	MPR	Max Output Pwr
				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	QPSK	1	0	22.6	22.6	22.5	22.4	22.5	0	22.7	21.4	21.5	21.8	21.7	21.8	0	21.8
		1	37	22.7	22.6	22.4	22.4	22.5	0	22.7	21.5	21.4	21.7	21.7	21.8	0	21.8
		1	74	22.7	22.6	22.5	22.5	22.6	0	22.7	21.5	21.4	21.8	21.7	21.4	0	21.8
		36	0	22.7	22.7	22.6	22.5	22.6	0	22.7	21.7	21.5	21.4	21.8	21.4	0	21.8
		36	20	22.7	22.7	22.6	22.6	22.6	0	22.7	21.6	21.5	21.4	21.3	21.4	0	21.8
		36	39	22.7	22.7	22.6	22.6	22.7	0	22.7	21.6	21.5	21.3	21.3	21.5	0	21.8
		75	0	22.7	22.7	22.6	22.5	22.6	0	22.7	21.6	21.5	21.4	21.8	21.4	0	21.8
	16QAM	1	0	22.7	22.5	22.5	22.4	22.4	0	22.7	21.4	21.5	21.8	21.7	21.4	0	21.8
		1	37	22.7	22.6	22.6	22.5	22.5	0	22.7	21.5	21.5	21.8	21.6	21.5	0	21.8
		1	74	22.7	22.6	22.5	22.5	22.5	0	22.7	21.5	21.5	21.3	21.7	21.5	0	21.8
		36	0	22.7	22.7	22.6	22.4	22.5	0	22.7	21.6	21.5	21.4	21.8	21.4	0	21.8
		36	20	22.7	22.7	22.6	22.5	22.6	0	22.7	21.6	21.5	21.4	21.3	21.4	0	21.8
		36	39	22.7	22.7	22.6	22.5	22.6	0	22.7	21.6	21.5	21.4	21.3	21.5	0	21.8
		75	0	22.7	22.7	22.6	22.4	22.6	0	22.7	21.6	21.5	21.4	21.8	21.4	0	21.8
	64QAM	1	0	22.2	22.2	22.1	22.1	22.0	0	22.7	21.6	21.5	21.4	21.4	21.5	0	21.8
		1	37	22.4	22.2	22.2	22.1	22.1	0	22.7	21.8	21.5	21.5	21.4	21.6	0	21.8
		1	74	22.3	22.3	22.2	22.2	22.1	0	22.7	21.7	21.6	21.4	21.5	21.6	0	21.8
		36	0	22.5	22.4	22.3	22.2	22.2	0	22.7	21.8	21.6	21.6	21.5	21.5	0	21.8
		36	20	22.5	22.4	22.3	22.3	22.2	0	22.7	21.7	21.6	21.6	21.6	21.5	0	21.8
		36	39	22.5	22.4	22.3	22.3	22.3	0	22.7	21.8	21.6	21.6	21.6	21.6	0	21.8
		75	0	22.5	22.4	22.3	22.2	22.2	0	22.7	21.7	21.6	21.6	21.5	21.5	0	21.8
	256QAM	1	0	20.3	20.3	20.1	20.1	20.2	2	20.7	20.3	20.2	20.0	20.2	20.1	1.1	20.7
		1	37	20.5	20.3	20.3	20.3	20.3	2	20.7	20.5	20.2	20.1	20.2	20.2	1.1	20.7
		1	74	20.5	20.4	20.2	20.3	20.3	2	20.7	20.5	20.3	20.2	20.2	20.3	1.1	20.7
		36	0	20.5	20.4	20.3	20.2	20.2	2	20.7	20.5	20.3	20.3	20.2	20.2	1.1	20.7
		36	20	20.4	20.4	20.3	20.3	20.2	2	20.7	20.4	20.3	20.3	20.3	20.2	1.1	20.7
		36	39	20.5	20.4	20.3	20.3	20.3	2	20.7	20.5	20.3	20.3	20.3	20.3	1.1	20.7
		75	0	20.4	20.4	20.3	20.2	20.2	2	20.7	20.4	20.3	20.3	20.2	20.2	1.1	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	Max Output Pwr	39750	40185	40620	41055	41490	MPR	Max Output Pwr
				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	QPSK	1	0	22.7	22.7	22.6	22.6	22.7	0	22.7	21.7	21.6	21.4	21.4	21.5	0	21.8
		1	25	22.7	22.7	22.7	22.6	22.7	0	22.7	21.8	21.6	21.5	21.4	21.6	0	21.8
		1	49	22.7	22.7	22.7	22.6	22.7	0	22.7	21.8	21.6	21.4	21.4	21.5	0	21.8
		25	0	22.7	22.7	22.7	22.6	22.7	0	22.7	21.8	21.7	21.5	21.4	21.5	0	21.8
		25	12	22.7	22.7	22.7	22.7	22.7	0	22.7	21.8	21.7	21.5	21.5	21.7	0	21.8
		25	25	22.7	22.7	22.7	22.7	22.7	0	22.7	21.8	21.7	21.5	21.5	21.6	0	21.8
		50	0	22.7	22.7	22.7	22.7	22.7	0	22.7	21.8	21.7	21.5	21.4	21.5	0	21.8
	16QAM	1	0	22.7	22.7	22.7	22.7	22.6	0	22.7	21.8	21.5	21.4	21.4	21.4	0	21.8
		1	25	22.7	22.7	22.7	22.7	22.7	0	22.7	21.8	21.6	21.4	21.4	21.5	0	21.8
		1	49	22.7	22.7	22.7	22.7	22.7	0	22.7	21.8	21.5	21.4	21.4	21.5	0	21.8
		25	0	22.7	22.7	22.7	22.7	22.7	0	22.7	21.8	21.6	21.4	21.4	21.5	0	21.8
		25	12	22.7	22.7	22.7	22.7	22.7	0	22.7	21.8	21.7	21.5	21.5	21.6	0	21.8
		25	25	22.7	22.7	22.7	22.7	22.7	0	22.7	21.8	21.6	21.5	21.5	21.6	0	21.8
		50	0	22.7	22.7	22.7	22.7	22.7	0	22.7	21.8	21.7	21.5	21.4	21.5	0	21.8
	64QAM	1	0	22.6	22.5	22.4	22.2	22.3	0	22.7	21.7	21.5	21.7	21.7	21.5	0	21.8
		1	25	22.6	22.5	22.4	22.3	22.5	0	22.7	21.7	21.6	21.8	21.6	21.7	0	21.8
		1	49	22.5	22.6	22.3	22.4	22.4	0	22.7	21.7	21.6	21.8	21.7	21.6	0	21.8
		25	0	22.7	22.5	22.5	22.4	22.4	0	22.7	21.7	21.7	21.7	21.7	21.7	0	21.8
		25	12	22.5	22.6	22.5	22.5	22.5	0	22.7	21.7	21.8	21.7	21.8	21.8	0	21.8
		25	25	22.7	22.6	22.5	22.5	22.5	0	22.7	21.7	21.8	21.7	21.8	21.8	0	21.8
		50	0	22.7	22.6	22.4	22.4	22.4	0	22.7	21.7	21.7	21.7	21.7	21.7	0	21.8
	256QAM	1	0	20.6	20.4	20.4	20.3	20.3	2	20.7	20.5	20.4	20.3	20.3	20.3	1.1	20.7
		1	25	20.7	20.5	20.4	20.4	20.5	2	20.7	20.6	20.4	20.3	20.5	20.4	1.1	20.7
		1	49	20.6	20.5	20.4	20.4	20.4	2	20.7	20.6	20.4	20.3	20.4	20.4	1.1	20.7
		25	0	20.7	20.5	20.4	20.3	20.4	2	20.7	20.6	20.4	20.4	20.3	20.3	1.1	20.7
		25	12	20.7	20.6	20.5	20.5	20.5	2	20.7	20.6	20.5	20.4	20.4	20.5	1.1	20.7
		25	25	20.7	20.6	20.5	20.4	20.5	2	20.7	20.6	20.5	20.4	20.4	20.4	1.1	20.7
		50	0	20.7	20.5	20.4	20.4	20.4	2	20.7	20.6	20.4	20.4	20.3	20.4	1.1	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)							Power Mode B (dBm)						
				39750	40185	40620	41055	41490	MPR	Max Output Pwr	39750	40185	40620	41055	41490	MPR	Max Output Pwr
				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	QPSK	1	0	22.7	22.7	22.6	22.6	22.7	0	22.7	21.8	21.6	21.4	21.3	21.5	0	21.8
		1	12	22.7	22.7	22.7	22.6	22.7	0	22.7	21.8	21.6	21.4	21.4	21.6	0	21.8
		1	24	22.7	22.7	22.6	22.6	22.7	0	22.7	21.8	21.6	21.4	21.4	21.5	0	21.8
		12	0	22.7	22.7	22.7	22.7	22.7	0	22.7	21.8	21.7	21.5	21.4	21.6	0	21.8
		12	7	22.7	22.7	22.7	22.7	22.7	0	22.7	21.8	21.7	21.5	21.5	21.6	0	21.8
		12	13	22.7	22.7	22.7	22.7	22.7	0	22.7	21.8	21.7	21.5	21.4	21.6	0	21.8
		25	0	22.7	22.7	22.7	22.7	22.7	0	22.7	21.8	21.7	21.5	21.4	21.6	0	21.8
	16QAM	1	0	22.7	22.7	22.7	22.6	22.7	0	22.7	21.8	21.6	21.5	21.4	21.5	0	21.8
		1	12	22.7	22.7	22.7	22.7	22.7	0	22.7	21.8	21.7	21.6	21.4	21.7	0	21.8
		1	24	22.7	22.7	22.6	22.6	22.7	0	22.7	21.8	21.6	21.5	21.3	21.6	0	21.8
		12	0	22.7	22.7	22.7	22.7	22.7	0	22.7	21.8	21.7	21.5	21.5	21.5	0	21.8
		12	7	22.7	22.7	22.7	22.7	22.7	0	22.7	21.8	21.7	21.5	21.5	21.5	0	21.8
		12	13	22.7	22.7	22.7	22.7	22.7	0	22.7	21.8	21.7	21.4	21.5	21.5	0	21.8
		25	0	22.7	22.7	22.7	22.7	22.7	0	22.7	21.8	21.6	21.5	21.5	21.6	0	21.8
	64QAM	1	0	22.6	22.5	22.5	22.2	22.1	0	22.7	21.8	21.8	21.6	21.7	21.6	0	21.8
		1	12	22.7	22.5	22.5	22.4	22.4	0	22.7	21.7	21.7	21.8	21.7	21.6	0	21.8
		1	24	22.6	22.6	22.5	22.4	22.5	0	22.7	21.7	21.7	21.7	21.7	21.6	0	21.8
		12	0	22.7	22.5	22.4	22.4	22.4	0	22.7	21.7	21.7	21.7	21.7	21.7	0	21.8
		12	7	22.7	22.5	22.4	22.4	22.5	0	22.7	21.7	21.8	21.7	21.7	21.8	0	21.8
		12	13	22.7	22.6	22.5	22.5	22.5	0	22.7	21.7	21.8	21.7	21.7	21.8	0	21.8
		25	0	22.7	22.5	22.5	22.4	22.4	0	22.7	21.7	21.8	21.7	21.7	21.8	0	21.8
	256QAM	1	0	20.6	20.4	20.4	20.2	20.2	2	20.7	20.6	20.4	20.3	20.3	20.4	1.1	20.7
		1	12	20.7	20.4	20.4	20.4	20.3	2	20.7	20.6	20.5	20.4	20.4	20.5	1.1	20.7
		1	24	20.7	20.4	20.5	20.4	20.3	2	20.7	20.6	20.5	20.3	20.4	20.5	1.1	20.7
		12	0	20.7	20.5	20.4	20.3	20.4	2	20.7	20.6	20.4	20.4	20.4	20.4	1.1	20.7
		12	7	20.7	20.5	20.4	20.4	20.4	2	20.7	20.7	20.5	20.4	20.4	20.5	1.1	20.7
		12	13	20.7	20.5	20.5	20.5	20.5	2	20.7	20.6	20.5	20.4	20.4	20.5	1.1	20.7
		25	0	20.7	20.5	20.5	20.3	20.3	2	20.7	20.6	20.4	20.4	20.4	20.5	1.1	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	Max Output Pwr	39750	40185	40620	41055	41490	MPR	Max Output Pwr
				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	QPSK	1	0	20.3	20.7	20.5	20.2	20.2	0	21.5	19.2	19.3	19.4	19.0	19.1	0	20.2
		1	49	20.5	20.7	20.5	20.2	20.2	0	21.5	19.4	19.3	19.4	19.0	19.1	0	20.2
		1	99	20.5	20.7	20.5	20.2	20.2	0	21.5	19.4	19.3	19.4	19.0	19.1	0	20.2
		50	0	20.5	20.7	20.6	20.3	20.3	0	21.5	19.2	19.4	19.4	19.1	19.1	0	20.2
		50	24	20.5	20.7	20.6	20.3	20.3	0	21.5	19.2	19.4	19.4	19.1	19.2	0	20.2
		50	50	20.5	20.7	20.6	20.3	20.2	0	21.5	19.2	19.4	19.4	19.0	19.1	0	20.2
		100	0	20.5	20.7	20.6	20.3	20.3	0	21.5	19.2	19.4	19.4	19.1	19.2	0	20.2
	16QAM	1	0	20.4	20.7	20.7	20.4	20.3	0	21.5	19.2	19.4	19.4	19.2	19.3	0	20.2
		1	49	20.7	20.7	20.7	20.4	20.4	0	21.5	19.4	19.4	19.4	19.1	19.3	0	20.2
		1	99	20.7	20.7	20.6	20.3	20.4	0	21.5	19.4	19.4	19.4	19.1	19.3	0	20.2
		50	0	20.7	20.7	20.7	20.4	20.3	0	21.5	19.4	19.4	19.4	19.1	19.2	0	20.2
		50	24	20.7	20.7	20.7	20.4	20.4	0	21.5	19.4	19.4	19.4	19.1	19.2	0	20.2
		50	50	20.7	20.7	20.6	20.3	20.3	0	21.5	19.4	19.4	19.4	19.0	19.1	0	20.2
		100	0	20.7	20.7	20.6	20.3	20.3	0	21.5	19.4	19.4	19.4	19.1	19.2	0	20.2
	64QAM	1	0	20.1	20.5	20.3	20.2	20.2	0	21.5	18.5	19.1	18.9	18.9	19.1	0	20.2
		1	49	20.4	20.5	20.4	20.3	20.3	0	21.5	19.1	19.2	19.0	18.9	19.1	0	20.2
		1	99	20.4	20.3	20.4	20.4	20.5	0	21.5	19.2	19.1	19.0	19.1	19.2	0	20.2
		50	0	20.3	20.6	20.4	20.3	20.5	0	21.5	18.9	19.2	19.1	19.0	19.2	0	20.2
		50	24	20.4	20.5	20.4	20.3	20.5	0	21.5	19.1	19.2	19.1	19.0	19.3	0	20.2
		50	50	20.4	20.5	20.4	20.3	20.5	0	21.5	19.1	19.2	19.1	19.0	19.2	0	20.2
		100	0	20.4	20.5	20.4	20.4	20.5	0	21.5	19.1	19.1	19.1	19.0	19.3	0	20.2
	256QAM	1	0	19.4	19.7	19.5	19.5	19.4	0.8	20.7	18.6	19.2	19.1	18.9	19.1	0	20.2
		1	49	19.6	19.7	19.6	19.5	19.5	0.8	20.7	19.1	19.1	19.1	19.0	19.1	0	20.2
		1	99	19.8	19.7	19.5	19.5	19.5	0.8	20.7	19.2	19.1	19.0	19.0	19.2	0	20.2
		50	0	19.5	19.8	19.6	19.5	19.7	0.8	20.7	18.9	19.2	19.1	19.0	19.2	0	20.2
		50	24	19.7	19.8	19.6	19.6	19.7	0.8	20.7	19.1	19.1	19.1	19.0	19.3	0	20.2
		50	50	19.7	19.8	19.6	19.5	19.7	0.8	20.7	19.1	19.2	19.1	19.0	19.2	0	20.2
		100	0	19.6	19.7	19.6	19.5	19.7	0.8	20.7	19.0	19.1	19.0	19.0	19.3	0	20.2

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)							Power Mode B (dBm)						
				39750	40185	40620	41055	41490	MPR	Max Output Pwr	39750	40185	40620	41055	41490	MPR	Max Output Pwr
				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	QPSK	1	0	20.5	20.7	20.6	20.3	20.2	0	21.5	19.2	19.4	19.4	19.0	19.1	0	20.2
		1	37	20.7	20.7	20.6	20.2	20.2	0	21.5	19.4	19.4	19.4	19.0	19.0	0	20.2
		1	74	20.7	20.7	20.6	20.2	20.2	0	21.5	19.4	19.4	19.4	19.0	19.1	0	20.2
		36	0	20.6	20.7	20.7	20.3	20.3	0	21.5	19.4	19.4	19.4	19.1	19.1	0	20.2
		36	20	20.7	20.7	20.6	20.3	20.3	0	21.5	19.4	19.4	19.4	19.1	19.1	0	20.2
		36	39	20.7	20.7	20.6	20.2	20.2	0	21.5	19.4	19.4	19.4	19.0	19.0	0	20.2
		75	0	20.7	20.7	20.6	20.3	20.3	0	21.5	19.4	19.4	19.4	19.1	19.1	0	20.2
	16QAM	1	0	20.4	20.7	20.7	20.2	20.1	0	21.5	19.3	19.4	19.4	19.1	18.9	0	20.2
		1	37	20.7	20.6	20.7	20.2	20.1	0	21.5	19.4	19.4	19.4	19.0	18.9	0	20.2
		1	74	20.7	20.7	20.6	20.2	20.1	0	21.5	19.4	19.4	19.4	19.0	18.9	0	20.2
		36	0	20.7	20.7	20.7	20.3	20.3	0	21.5	19.4	19.4	19.4	19.1	19.1	0	20.2
		36	20	20.7	20.7	20.7	20.3	20.3	0	21.5	19.4	19.4	19.4	19.1	19.1	0	20.2
		36	39	20.7	20.7	20.6	20.3	20.2	0	21.5	19.4	19.4	19.4	19.0	19.0	0	20.2
		75	0	20.7	20.7	20.6	20.3	20.3	0	21.5	19.4	19.4	19.4	19.1	19.1	0	20.2
	64QAM	1	0	20.0	20.5	20.2	20.1	20.1	0	21.5	18.7	19.1	19.0	18.8	19.0	0	20.2
		1	37	20.3	20.5	20.2	20.2	20.3	0	21.5	19.0	19.2	19.1	18.9	19.0	0	20.2
		1	74	20.4	20.5	20.2	20.2	20.3	0	21.5	18.9	19.0	19.2	19.0	19.1	0	20.2
		36	0	20.3	20.5	20.4	20.3	20.4	0	21.5	18.9	19.2	19.1	18.9	19.2	0	20.2
		36	20	20.4	20.5	20.4	20.3	20.4	0	21.5	19.0	19.1	19.0	18.9	19.2	0	20.2
		36	39	20.4	20.5	20.4	20.3	20.4	0	21.5	19.0	19.1	19.0	18.9	19.2	0	20.2
		75	0	20.4	20.4	20.4	20.3	20.5	0	21.5	19.0	19.1	19.0	19.0	19.2	0	20.2
	256QAM	1	0	19.3	19.7	19.4	19.3	19.5	0.8	20.7	18.7	19.1	18.9	18.8	19.1	0	20.2
		1	37	19.6	19.7	19.5	19.5	19.6	0.8	20.7	18.9	19.1	18.9	18.9	19.1	0	20.2
		1	74	19.7	19.7	19.5	19.4	19.7	0.8	20.7	19.1	19.1	18.9	18.9	19.1	0	20.2
		36	0	19.5	19.7	19.6	19.5	19.6	0.8	20.7	18.9	19.2	19.1	19.0	19.2	0	20.2
		36	20	19.6	19.7	19.6	19.5	19.7	0.8	20.7	19.0	19.1	19.0	19.0	19.2	0	20.2
		36	39	19.6	19.7	19.6	19.4	19.6	0.8	20.7	19.0	19.1	19.0	18.9	19.2	0	20.2
		75	0	19.6	19.7	19.6	19.5	19.6	0.8	20.7	19.0	19.1	19.0	19.0	19.2	0	20.2

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	Max Output Pwr	39750	40185	40620	41055	41490	MPR	Max Output Pwr
				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	QPSK	1	0	20.7	20.7	20.7	20.4	20.3	0	21.5	19.4	19.4	19.4	19.2	19.2	0	20.2
		1	25	20.7	20.7	20.7	20.4	20.3	0	21.5	19.4	19.4	19.4	19.2	19.3	0	20.2
		1	49	20.7	20.7	20.7	20.4	20.3	0	21.5	19.4	19.4	19.4	19.2	19.2	0	20.2
		25	0	20.7	20.7	20.7	20.5	20.4	0	21.5	19.4	19.4	19.4	19.3	19.3	0	20.2
		25	12	20.7	20.7	20.7	20.5	20.5	0	21.5	19.4	19.4	19.4	19.3	19.3	0	20.2
		25	25	20.7	20.7	20.7	20.4	20.4	0	21.5	19.4	19.4	19.4	19.2	19.2	0	20.2
		50	0	20.7	20.7	20.7	20.5	20.4	0	21.5	19.4	19.4	19.4	19.3	19.3	0	20.2
	16QAM	1	0	20.7	20.7	20.7	20.5	20.2	0	21.5	19.4	19.4	19.4	19.3	19.2	0	20.2
		1	25	20.7	20.7	20.7	20.6	20.3	0	21.5	19.4	19.4	19.4	19.4	19.3	0	20.2
		1	49	20.7	20.7	20.7	20.4	20.2	0	21.5	19.4	19.4	19.4	19.3	19.1	0	20.2
		25	0	20.7	20.7	20.7	20.5	20.4	0	21.5	19.4	19.4	19.4	19.3	19.3	0	20.2
		25	12	20.7	20.7	20.7	20.5	20.5	0	21.5	19.4	19.4	19.4	19.3	19.4	0	20.2
		25	25	20.7	20.7	20.7	20.4	20.4	0	21.5	19.4	19.4	19.4	19.3	19.3	0	20.2
		50	0	20.7	20.7	20.7	20.5	20.5	0	21.5	19.4	19.4	19.4	19.3	19.4	0	20.2
	64QAM	1	0	20.3	20.6	20.7	20.2	20.4	0	21.5	19.0	19.1	19.3	18.9	19.2	0	20.2
		1	25	20.3	20.7	20.7	20.4	20.5	0	21.5	19.2	19.3	19.3	19.0	19.3	0	20.2
		1	49	20.4	20.6	20.7	20.3	20.5	0	21.5	19.3	19.2	19.2	18.9	19.3	0	20.2
		25	0	20.5	20.7	20.6	20.5	20.6	0	21.5	19.1	19.3	19.2	19.1	19.3	0	20.2
		25	12	20.6	20.6	20.5	20.4	20.6	0	21.5	19.2	19.3	19.2	19.1	19.4	0	20.2
		25	25	20.5	20.6	20.5	20.4	20.5	0	21.5	19.2	19.3	19.2	19.1	19.3	0	20.2
		50	0	20.5	20.6	20.5	20.4	20.6	0	21.5	19.2	19.2	19.2	19.1	19.4	0	20.2
	256QAM	1	0	19.5	19.8	19.7	19.5	19.6	0.8	20.7	19.1	19.2	19.1	18.9	19.1	0	20.2
		1	25	19.7	19.9	19.8	19.6	19.7	0.8	20.7	19.3	19.2	19.2	19.1	19.2	0	20.2
		1	49	19.7	19.8	19.7	19.5	19.6	0.8	20.7	19.3	19.1	19.1	18.9	19.1	0	20.2
		25	0	19.7	19.9	19.7	19.6	19.8	0.8	20.7	19.1	19.3	19.2	19.1	19.3	0	20.2
		25	12	19.8	19.9	19.7	19.7	19.8	0.8	20.7	19.3	19.3	19.2	19.1	19.4	0	20.2
		25	25	19.7	19.8	19.7	19.6	19.7	0.8	20.7	19.2	19.3	19.2	19.0	19.3	0	20.2
		50	0	19.7	19.8	19.7	19.7	19.8	0.8	20.7	19.2	19.3	19.1	19.1	19.4	0	20.2
BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)							Power Mode B (dBm)						
				39750	40185	40620	41055	41490	MPR	Max Output Pwr	39750	40185	40620	41055	41490	MPR	Max Output Pwr
				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	QPSK	1	0	20.7	20.7	20.7	20.4	20.3	0	21.5	19.4	19.4	19.4	19.2	19.2	0	20.2
		1	12	20.7	20.7	20.7	20.4	20.4	0	21.5	19.4	19.4	19.4	19.2	19.3	0	20.2
		1	24	20.7	20.7	20.7	20.4	20.3	0	21.5	19.4	19.4	19.4	19.1	19.2	0	20.2
		12	0	20.7	20.7	20.7	20.5	20.4	0	21.5	19.4	19.4	19.4	19.3	19.3	0	20.2
		12	7	20.7	20.7	20.7	20.5	20.5	0	21.5	19.4	19.4	19.4	19.3	19.3	0	20.2
		12	13	20.7	20.7	20.7	20.5	20.4	0	21.5	19.4	19.4	19.4	19.2	19.3	0	20.2
		25	0	20.7	20.7	20.7	20.5	20.4	0	21.5	19.4	19.4	19.4	19.3	19.3	0	20.2
	16QAM	1	0	20.7	20.7	20.7	20.5	20.3	0	21.5	19.4	19.4	19.4	19.2	19.4	0	20.2
		1	12	20.7	20.7	20.7	20.5	20.4	0	21.5	19.4	19.4	19.4	19.3	19.4	0	20.2
		1	24	20.7	20.7	20.7	20.4	20.4	0	21.5	19.4	19.4	19.4	19.2	19.3	0	20.2
		12	0	20.7	20.7	20.7	20.4	20.4	0	21.5	19.4	19.4	19.4	19.3	19.3	0	20.2
		12	7	20.7	20.7	20.7	20.4	20.5	0	21.5	19.4	19.4	19.4	19.4	19.3	0	20.2
		12	13	20.7	20.7	20.7	20.4	20.4	0	21.5	19.4	19.4	19.4	19.4	19.3	0	20.2
		25	0	20.7	20.7	20.7	20.5	20.4	0	21.5	19.4	19.4	19.4	19.3	19.3	0	20.2
	64QAM	1	0	20.5	20.7	20.4	20.4	20.6	0	21.5	18.9	19.3	19.2	19.0	19.2	0	20.2
		1	12	20.6	20.7	20.5	20.4	20.7	0	21.5	19.0	19.4	19.2	19.0	19.3	0	20.2
		1	24	20.5	20.6	20.4	20.3	20.7	0	21.5	19.1	19.3	19.2	19.0	19.2	0	20.2
		12	0	20.6	20.7	20.6	20.5	20.6	0	21.5	19.2	19.3	19.2	19.1	19.4	0	20.2
		12	7	20.6	20.7	20.6	20.6	20.7	0	21.5	19.2	19.2	19.2	19.1	19.4	0	20.2
		12	13	20.6	20.7	20.6	20.5	20.6	0	21.5	19.2	19.2	19.1	19.0	19.3	0	20.2
		25	0	20.6	20.7	20.5	20.5	20.6	0	21.5	19.2	19.2	19.1	19.1	19.4	0	20.2
	256QAM	1	0	19.7	19.8	19.8	19.6	19.7	0.8	20.7	19.1	19.3	19.1	19.1	19.2	0	20.2
		1	12	19.9	19.8	19.8	19.7	19.8	0.8	20.7	19.2	19.4	19.2	19.1	19.3	0	20.2
		1	24	19.9	19.7	19.7	19.6	19.7	0.8	20.7	19.2	19.2	19.0	19.0	19.2	0	20.2
		12	0	19.8	19.9	19.8	19.7	19.8	0.8	20.7	19.2	19.3	19.2	19.1	19.3	0	20.2
		12	7	19.8	19.9	19.8	19.7	19.8	0.8	20.7	19.2	19.3	19.1	19.1	19.4	0	20.2
		12	13	19.8	19.9	19.8	19.6	19.8	0.8	20.7	19.2	19.3	19.1	19.0	19.4	0	20.2
		25	0	19.8	19.8	19.7	19.7	19.8	0.8	20.7	19.2	19.3	19.1	19.1	19.3	0	20.2

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	Max Output Pwr	55340	55773	56207	56640	MPR	Max Output Pwr
				3560 MHz	3603.3 MHz	3646.7 MHz	3690 MHz			3560 MHz	3603.3 MHz	3646.7 MHz	3690 MHz		
20	QPSK	1	0	22.3	22.4	22.4	22.4	0	23.5	21.5	21.6	21.5	21.4	0	22.5
		1	49	22.3	22.4	22.4	22.4	0	23.5	21.5	21.6	21.6	21.5	0	22.5
		1	99	22.3	22.4	22.4	22.3	0	23.5	21.4	21.5	21.5	21.5	0	22.5
		50	0	22.5	22.5	22.5	22.5	0	23.5	21.5	21.5	21.6	21.5	0	22.5
		50	24	22.5	22.6	22.5	22.5	0	23.5	21.5	21.6	21.6	21.5	0	22.5
		50	50	22.5	22.6	22.5	22.5	0	23.5	21.5	21.6	21.6	21.5	0	22.5
		100	0	22.5	22.5	22.5	22.5	0	23.5	21.5	21.5	21.6	21.5	0	22.5
	16QAM	1	0	22.4	22.6	22.5	22.6	0	23.5	21.5	21.5	21.5	21.4	0	22.5
		1	49	22.5	22.6	22.6	22.7	0	23.5	21.5	21.6	21.6	21.5	0	22.5
		1	99	22.4	22.6	22.5	22.5	0	23.5	21.4	21.5	21.5	21.4	0	22.5
		50	0	22.5	22.5	22.6	22.5	0	23.5	21.5	21.5	21.6	21.5	0	22.5
		50	24	22.5	22.6	22.6	22.5	0	23.5	21.5	21.6	21.6	21.5	0	22.5
		50	50	22.5	22.6	22.6	22.5	0	23.5	21.5	21.6	21.6	21.6	0	22.5
		100	0	22.5	22.5	22.6	22.5	0	23.5	21.5	21.5	21.6	21.5	0	22.5
	64QAM	1	0	22.4	22.4	22.5	22.3	0	23.5	21.5	21.4	21.5	21.4	0	22.5
		1	49	22.4	22.5	22.5	22.3	0	23.5	21.5	21.5	21.5	21.5	0	22.5
		1	99	22.4	22.5	22.3	22.3	0	23.5	21.4	21.5	21.5	21.4	0	22.5
		50	0	22.0	22.0	22.1	22.0	0.5	23.0	21.5	21.5	21.6	21.5	0	22.5
		50	24	22.0	22.1	22.1	22.0	0.5	23.0	21.5	21.6	21.6	21.5	0	22.5
		50	50	22.0	22.1	22.1	22.0	0.5	23.0	21.5	21.6	21.6	21.5	0	22.5
		100	0	22.0	22.0	22.1	22.0	0.5	23.0	21.6	21.5	21.6	21.5	0	22.5
	256QAM	1	0	19.9	20.0	20.0	19.9	2.5	21.0	20.0	19.9	20.0	19.9	1.5	21.0
		1	49	20.0	20.0	19.9	19.9	2.5	21.0	20.0	19.9	20.0	20.0	1.5	21.0
		1	99	20.1	20.1	19.9	19.9	2.5	21.0	20.0	20.0	20.0	20.0	1.5	21.0
		50	0	20.0	20.0	20.1	20.0	2.5	21.0	20.0	20.0	20.1	20.0	1.5	21.0
		50	24	20.0	20.1	20.1	20.0	2.5	21.0	20.1	20.1	20.1	20.0	1.5	21.0
		50	50	20.0	20.1	20.1	20.0	2.5	21.0	20.0	20.1	20.1	20.0	1.5	21.0
		100	0	20.0	20.0	20.1	20.0	2.5	21.0	20.0	20.1	20.1	20.0	1.5	21.0

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)						Power Mode B (dBm)					
				55315	55765	56215	56665	MPR	Max Output Pwr	55315	55765	56215	56665	MPR	Max Output Pwr
				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	QPSK	1	0	22.2	22.4	22.4	22.4	0	23.5	21.5	21.5	21.5	21.4	0	22.5
		1	37	22.3	22.4	22.4	22.4	0	23.5	21.5	21.6	21.6	21.5	0	22.5
		1	74	22.3	22.4	22.4	22.4	0	23.5	21.5	21.5	21.5	21.5	0	22.5
		36	0	22.5	22.5	22.6	22.5	0	23.5	21.6	21.6	21.6	21.5	0	22.5
		36	20	22.5	22.6	22.6	22.5	0	23.5	21.5	21.6	21.6	21.5	0	22.5
		36	39	22.5	22.6	22.6	22.5	0	23.5	21.6	21.6	21.6	21.5	0	22.5
		75	0	22.5	22.5	22.6	22.5	0	23.5	21.6	21.5	21.6	21.6	0	22.5
	16QAM	1	0	22.3	22.4	22.5	22.3	0	23.5	21.5	21.4	21.5	21.4	0	22.5
		1	37	22.3	22.5	22.5	22.4	0	23.5	21.6	21.5	21.5	21.4	0	22.5
		1	74	22.4	22.5	22.5	22.3	0	23.5	21.5	21.4	21.5	21.4	0	22.5
		36	0	22.5	22.5	22.6	22.5	0	23.5	21.5	21.5	21.6	21.5	0	22.5
		36	20	22.5	22.6	22.6	22.5	0	23.5	21.5	21.6	21.6	21.5	0	22.5
		36	39	22.5	22.6	22.6	22.5	0	23.5	21.5	21.6	21.6	21.5	0	22.5
		75	0	22.5	22.5	22.6	22.5	0	23.5	21.5	21.5	21.6	21.5	0	22.5
	64QAM	1	0	22.3	22.3	22.3	22.2	0	23.5	21.3	21.4	21.4	21.1	0	22.5
		1	37	22.3	22.4	22.5	22.3	0	23.5	21.5	21.5	21.5	21.2	0	22.5
		1	74	22.3	22.4	22.5	22.4	0	23.5	21.2	21.4	21.4	21.2	0	22.5
		36	0	22.0	22.0	22.1	22.0	0.5	23.0	21.5	21.5	21.6	21.5	0	22.5
		36	20	22.0	22.1	22.1	22.0	0.5	23.0	21.5	21.6	21.6	21.5	0	22.5
		36	39	22.0	22.0	22.1	22.0	0.5	23.0	21.5	21.6	21.6	21.5	0	22.5
		75	0	22.0	22.0	22.1	22.0	0.5	23.0	21.5	21.5	21.6	21.5	0	22.5
	256QAM	1	0	19.8	20.0	19.9	20.0	2.5	21.0	19.9	19.9	20.1	19.8	1.5	21.0
		1	37	19.9	20.1	20.0	20.0	2.5	21.0	20.0	20.0	20.0	19.9	1.5	21.0
		1	74	20.0	20.1	20.0	19.9	2.5	21.0	20.0	20.0	20.1	20.0	1.5	21.0
		36	0	19.9	20.0	20.0	20.0	2.5	21.0	20.0	20.0	20.1	20.0	1.5	21.0
		36	20	20.0	20.0	20.0	20.0	2.5	21.0	20.0	20.1	20.1	20.0	1.5	21.0
		36	39	20.0	20.1	20.0	20.0	2.5	21.0	20.0	20.1	20.1	20.0	1.5	21.0
		75	0	20.0	20.0	20.0	20.0	2.5	21.0	20.0	20.0	20.1	20.0	1.5	21.0

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	Max Output Pwr	55290	55757	56223	56690	MPR	Max Output Pwr
				3555 MHz	3601.7 MHz	3648.3 MHz	3695 MHz			3555 MHz	3601.7 MHz	3648.3 MHz	3695 MHz		
10	QPSK	1	0	22.5	22.7	22.6	22.6	0	23.5	21.7	21.8	21.8	21.6	0	22.5
		1	25	22.6	22.6	22.6	22.6	0	23.5	21.7	21.8	21.8	21.7	0	22.5
		1	49	22.5	22.6	22.6	22.6	0	23.5	21.6	21.8	21.7	21.6	0	22.5
		25	0	22.6	22.7	22.7	22.6	0	23.5	21.7	21.8	21.7	21.6	0	22.5
		25	12	22.6	22.7	22.7	22.7	0	23.5	21.7	21.8	21.8	21.7	0	22.5
		25	25	22.6	22.7	22.7	22.7	0	23.5	21.7	21.7	21.7	21.6	0	22.5
		50	0	22.6	22.7	22.7	22.6	0	23.5	21.7	21.7	21.7	21.6	0	22.5
	16QAM	1	0	22.6	22.6	22.6	22.5	0	23.5	21.7	21.7	21.6	21.5	0	22.5
		1	25	22.6	22.6	22.6	22.5	0	23.5	21.7	21.5	21.6	21.6	0	22.5
		1	49	22.6	22.6	22.5	22.5	0	23.5	21.6	21.6	21.6	21.5	0	22.5
		25	0	22.6	22.7	22.7	22.6	0	23.5	21.7	21.7	21.7	21.6	0	22.5
		25	12	22.7	22.8	22.7	22.6	0	23.5	21.7	21.8	21.8	21.7	0	22.5
		25	25	22.6	22.7	22.7	22.6	0	23.5	21.7	21.7	21.8	21.7	0	22.5
		50	0	22.6	22.7	22.7	22.7	0	23.5	21.7	21.7	21.7	21.6	0	22.5
	64QAM	1	0	22.4	22.6	22.8	22.5	0	23.5	21.5	21.8	21.6	21.7	0	22.5
		1	25	22.5	22.6	22.8	22.5	0	23.5	21.5	21.9	21.6	21.7	0	22.5
		1	49	22.5	22.5	22.8	22.5	0	23.5	21.5	21.8	21.6	21.7	0	22.5
		25	0	22.1	22.2	22.2	22.2	0.5	23.0	21.7	21.8	21.8	21.6	0	22.5
		25	12	22.2	22.3	22.2	22.2	0.5	23.0	21.7	21.8	21.8	21.7	0	22.5
		25	25	22.1	22.3	22.2	22.2	0.5	23.0	21.7	21.8	21.8	21.7	0	22.5
		50	0	22.1	22.2	22.2	22.2	0.5	23.0	21.7	21.8	21.8	21.7	0	22.5
	256QAM	1	0	20.0	20.2	20.1	20.2	2.5	21.0	20.1	20.2	20.2	20.1	1.5	21.0
		1	25	20.0	20.2	20.2	20.2	2.5	21.0	20.2	20.2	20.2	20.2	1.5	21.0
		1	49	20.0	20.2	20.1	20.1	2.5	21.0	20.1	20.2	20.2	20.2	1.5	21.0
		25	0	20.1	20.2	20.2	20.2	2.5	21.0	20.2	20.3	20.2	20.2	1.5	21.0
		25	12	20.1	20.3	20.2	20.2	2.5	21.0	20.2	20.3	20.3	20.2	1.5	21.0
		25	25	20.1	20.2	20.2	20.2	2.5	21.0	20.2	20.3	20.2	20.2	1.5	21.0
		50	0	20.1	20.2	20.2	20.2	2.5	21.0	20.2	20.3	20.2	20.2	1.5	21.0

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)						Power Mode B (dBm)					
				55265	55748	56232	56715	MPR	Max Output Pwr	55265	55748	56232	56715	MPR	Max Output Pwr
				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	QPSK	1	0	22.5	22.6	22.6	22.5	0	23.5	21.7	21.7	21.7	21.6	0	22.5
		1	12	22.6	22.7	22.6	22.6	0	23.5	21.8	21.8	21.8	21.7	0	22.5
		1	24	22.5	22.6	22.6	22.5	0	23.5	21.7	21.7	21.7	21.6	0	22.5
		12	0	22.5	22.7	22.7	22.7	0	23.5	21.7	21.7	21.7	21.6	0	22.5
		12	7	22.6	22.7	22.7	22.7	0	23.5	21.7	21.8	21.7	21.7	0	22.5
		12	13	22.6	22.7	22.7	22.7	0	23.5	21.7	21.8	21.7	21.6	0	22.5
		25	0	22.6	22.7	22.7	22.6	0	23.5	21.7	21.7	21.7	21.6	0	22.5
	16QAM	1	0	22.5	22.7	22.6	22.6	0	23.5	21.7	21.7	21.7	21.6	0	22.5
		1	12	22.7	22.7	22.6	22.6	0	23.5	21.7	21.7	21.8	21.6	0	22.5
		1	24	22.6	22.6	22.7	22.6	0	23.5	21.7	21.7	21.7	21.6	0	22.5
		12	0	22.5	22.7	22.7	22.7	0	23.5	21.7	21.7	21.8	21.7	0	22.5
		12	7	22.5	22.7	22.8	22.7	0	23.5	21.8	21.7	21.8	21.7	0	22.5
		12	13	22.5	22.7	22.7	22.7	0	23.5	21.7	21.7	21.8	21.7	0	22.5
		25	0	22.6	22.7	22.7	22.6	0	23.5	21.7	21.7	21.7	21.6	0	22.5
	64QAM	1	0	22.7	22.7	22.6	22.5	0	23.5	21.6	21.6	21.8	21.7	0	22.5
		1	12	22.7	22.7	22.7	22.6	0	23.5	21.7	21.7	21.8	21.8	0	22.5
		1	24	22.7	22.7	22.6	22.5	0	23.5	21.6	21.7	21.8	21.8	0	22.5
		12	0	22.1	22.3	22.2	22.2	0.5	23.0	21.7	21.7	21.8	21.6	0	22.5
		12	7	22.1	22.3	22.2	22.2	0.5	23.0	21.7	21.8	21.8	21.7	0	22.5
		12	13	22.1	22.2	22.2	22.2	0.5	23.0	21.7	21.8	21.8	21.6	0	22.5
		25	0	22.1	22.2	22.2	22.2	0.5	23.0	21.7	21.7	21.7	21.6	0	22.5
	256QAM	1	0	20.1	20.2	20.2	20.2	2.5	21.0	20.1	20.2	20.2	20.1	1.5	21.0
		1	12	20.1	20.3	20.3	20.1	2.5	21.0	20.2	20.3	20.2	20.1	1.5	21.0
		1	24	20.1	20.2	20.2	20.1	2.5	21.0	20.1	20.2	20.2	20.1	1.5	21.0
		12	0	20.1	20.2	20.2	20.2	2.5	21.0	20.2	20.3	20.3	20.1	1.5	21.0
		12	7	20.1	20.2	20.2	20.2	2.5	21.0	20.2	20.3	20.3	20.1	1.5	21.0
		12	13	20.1	20.2	20.2	20.2	2.5	21.0	20.2	20.2	20.2	20.1	1.5	21.0
		25	0	20.1	20.2	20.2	20.1	2.5	21.0	20.2	20.2	20.2	20.1	1.5	21.0

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	Max Output Pwr	55340	55773	56207	56640	MPR	Max Output Pwr
				3560 MHz	3603.3 MHz	3646.7 MHz	3690 MHz			3560 MHz	3603.3 MHz	3646.7 MHz	3690 MHz		
20	QPSK	1	0	21.6	21.6	21.7	21.6	0	22.8	21.3	21.4	21.6	21.6	0	22.5
		1	49	21.7	21.7	21.7	21.6	0	22.8	21.4	21.4	21.6	21.6	0	22.5
		1	99	21.7	21.7	21.7	21.6	0	22.8	21.4	21.4	21.6	21.6	0	22.5
		50	0	21.6	21.6	21.8	21.7	0	22.8	21.3	21.5	21.5	21.7	0	22.5
		50	24	21.7	21.7	21.8	21.7	0	22.8	21.4	21.5	21.5	21.7	0	22.5
		50	50	21.7	21.7	21.8	21.7	0	22.8	21.4	21.5	21.5	21.7	0	22.5
		100	0	21.7	21.7	21.7	21.6	0	22.8	21.3	21.4	21.5	21.5	0	22.5
	16QAM	1	0	21.6	21.7	21.8	21.8	0	22.8	21.3	21.8	21.7	21.7	0	22.5
		1	49	21.7	21.8	21.9	21.8	0	22.8	21.4	21.9	21.8	21.8	0	22.5
		1	99	21.7	21.8	21.8	21.7	0	22.8	21.4	21.8	21.7	21.7	0	22.5
		50	0	21.7	21.7	21.8	21.7	0	22.8	21.3	21.7	21.7	21.7	0	22.5
		50	24	21.8	21.7	21.8	21.7	0	22.8	21.4	21.8	21.7	21.7	0	22.5
		50	50	21.8	21.8	21.8	21.7	0	22.8	21.5	21.8	21.7	21.7	0	22.5
		100	0	21.8	21.7	21.8	21.7	0	22.8	21.4	21.8	21.7	21.7	0	22.5
	64QAM	1	0	21.6	21.5	21.7	21.6	0	22.8	21.4	21.6	21.6	21.6	0	22.5
		1	49	21.6	21.6	21.7	21.6	0	22.8	21.3	21.6	21.6	21.6	0	22.5
		1	99	21.6	21.6	21.6	21.5	0	22.8	21.3	21.6	21.5	21.5	0	22.5
		50	0	21.7	21.6	21.7	21.7	0	22.8	21.3	21.7	21.7	21.7	0	22.5
		50	24	21.8	21.7	21.8	21.7	0	22.8	21.4	21.8	21.7	21.7	0	22.5
		50	50	21.8	21.7	21.7	21.7	0	22.8	21.5	21.8	21.7	21.7	0	22.5
		100	0	21.8	21.7	21.7	21.7	0	22.8	21.4	21.7	21.7	21.7	0	22.5
	256QAM	1	0	19.9	19.8	20.0	19.9	1.8	21.0	19.8	20.2	20.3	20.3	1.5	21.0
		1	49	20.0	19.9	19.9	19.9	1.8	21.0	19.9	20.2	20.2	20.2	1.5	21.0
		1	99	20.1	19.9	20.0	19.9	1.8	21.0	20.0	20.4	20.2	20.2	1.5	21.0
		50	0	19.9	19.8	19.9	19.9	1.8	21.0	19.8	20.2	20.2	20.2	1.5	21.0
		50	24	20.0	19.9	20.0	19.9	1.8	21.0	19.9	20.3	20.2	20.2	1.5	21.0
		50	50	20.0	19.9	19.9	19.9	1.8	21.0	20.0	20.3	20.2	20.2	1.5	21.0
		100	0	20.0	19.9	19.9	19.9	1.8	21.0	19.9	20.3	20.2	20.2	1.5	21.0

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)						Power Mode B (dBm)					
				55315	55765	56215	56665	MPR	Max Output Pwr	55315	55765	56215	56665	MPR	Max Output Pwr
				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	QPSK	1	0	21.7	21.6	21.7	21.6	0	22.8	21.3	21.6	21.6	21.6	0	22.5
		1	37	21.8	21.7	21.8	21.7	0	22.8	21.4	21.7	21.7	21.7	0	22.5
		1	74	21.8	21.6	21.7	21.6	0	22.8	21.4	21.7	21.6	21.6	0	22.5
		36	0	21.7	21.6	21.8	21.7	0	22.8	21.3	21.6	21.7	21.7	0	22.5
		36	20	21.8	21.7	21.8	21.7	0	22.8	21.4	21.7	21.7	21.7	0	22.5
		36	39	21.8	21.7	21.7	21.6	0	22.8	21.4	21.7	21.7	21.7	0	22.5
		75	0	21.8	21.7	21.8	21.7	0	22.8	21.4	21.7	21.7	21.7	0	22.5
	16QAM	1	0	21.6	21.5	21.7	21.5	0	22.8	21.3	21.4	21.5	21.5	0	22.5
		1	37	21.7	21.6	21.7	21.5	0	22.8	21.3	21.6	21.5	21.5	0	22.5
		1	74	21.7	21.5	21.7	21.5	0	22.8	21.3	21.5	21.5	21.5	0	22.5
		36	0	21.7	21.6	21.8	21.6	0	22.8	21.3	21.6	21.7	21.7	0	22.5
		36	20	21.8	21.7	21.8	21.6	0	22.8	21.4	21.7	21.7	21.7	0	22.5
		36	39	21.8	21.7	21.8	21.6	0	22.8	21.4	21.7	21.7	21.7	0	22.5
		75	0	21.8	21.7	21.8	21.7	0	22.8	21.4	21.7	21.7	21.7	0	22.5
	64QAM	1	0	21.5	21.5	21.6	21.6	0	22.8	21.1	21.4	21.4	21.4	0	22.5
		1	37	21.7	21.6	21.7	21.5	0	22.8	21.3	21.5	21.4	21.4	0	22.5
		1	74	21.7	21.5	21.6	21.5	0	22.8	21.3	21.4	21.6	21.6	0	22.5
		36	0	21.7	21.6	21.7	21.7	0	22.8	21.3	21.6	21.7	21.7	0	22.5
		36	20	21.8	21.7	21.7	21.7	0	22.8	21.4	21.7	21.7	21.7	0	22.5
		36	39	21.8	21.7	21.7	21.7	0	22.8	21.4	21.7	21.7	21.7	0	22.5
		75	0	21.8	21.7	21.7	21.7	0	22.8	21.4	21.7	21.7	21.7	0	22.5
	256QAM	1	0	19.9	19.7	19.8	19.8	1.8	21.0	19.7	20.0	20.1	20.1	1.5	21.0
		1	37	19.9	19.8	19.9	19.8	1.8	21.0	19.8	20.1	20.2	20.2	1.5	21.0
		1	74	20.0	19.9	19.9	19.8	1.8	21.0	20.0	20.1	20.2	20.2	1.5	21.0
		36	0	19.9	19.8	19.9	19.8	1.8	21.0	19.8	20.1	20.2	20.2	1.5	21.0
		36	20	20.0	19.9	19.9	19.9	1.8	21.0	19.9	20.2	20.2	20.2	1.5	21.0
		36	39	20.0	19.9	19.9	19.8	1.8	21.0	19.9	20.2	20.2	20.2	1.5	21.0
		75	0	20.0	19.9	19.9	19.8	1.8	21.0	19.9	20.2	20.2	20.2	1.5	21.0

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	Max Output Pwr	55290	55757	56223	56690	MPR	Max Output Pwr
				3555 MHz	3601.7 MHz	3648.3 MHz	3695 MHz			3555 MHz	3601.7 MHz	3648.3 MHz	3695 MHz		
10	QPSK	1	0	21.9	21.8	21.9	21.9	0	22.8	21.5	21.8	21.9	21.9	0	22.5
		1	25	21.9	21.8	21.9	21.9	0	22.8	21.6	21.9	21.9	21.9	0	22.5
		1	49	21.9	21.8	21.9	21.8	0	22.8	21.6	21.9	21.8	21.8	0	22.5
		25	0	21.9	21.7	21.9	21.8	0	22.8	21.5	21.8	21.8	21.8	0	22.5
		25	12	21.9	21.8	21.9	21.9	0	22.8	21.6	21.9	21.8	21.8	0	22.5
		25	25	21.9	21.8	21.9	21.8	0	22.8	21.6	21.9	21.8	21.8	0	22.5
		50	0	21.9	21.8	21.9	21.8	0	22.8	21.5	21.8	21.8	21.8	0	22.5
	16QAM	1	0	21.9	21.8	21.9	21.7	0	22.8	21.5	21.9	21.7	21.7	0	22.5
		1	25	21.9	21.8	21.9	21.7	0	22.8	21.6	21.9	21.7	21.7	0	22.5
		1	49	21.9	21.8	21.9	21.7	0	22.8	21.6	21.9	21.6	21.6	0	22.5
		25	0	21.9	21.7	21.9	21.8	0	22.8	21.6	21.8	21.8	21.8	0	22.5
		25	12	21.9	21.8	22.0	21.9	0	22.8	21.6	21.9	21.9	21.9	0	22.5
		25	25	21.9	21.8	21.9	21.8	0	22.8	21.6	21.9	21.8	21.8	0	22.5
		50	0	21.9	21.8	21.9	21.8	0	22.8	21.5	21.9	21.8	21.8	0	22.5
	64QAM	1	0	21.8	21.7	21.8	21.8	0	22.8	21.4	21.8	21.8	21.8	0	22.5
		1	25	21.9	21.8	21.8	21.8	0	22.8	21.5	21.9	21.8	21.8	0	22.5
		1	49	21.9	21.8	21.8	21.7	0	22.8	21.5	21.9	21.8	21.8	0	22.5
		25	0	21.9	21.7	21.9	21.8	0	22.8	21.6	21.7	21.8	21.8	0	22.5
		25	12	21.9	21.8	21.9	21.8	0	22.8	21.6	21.8	21.9	21.9	0	22.5
		25	25	21.9	21.8	21.8	21.8	0	22.8	21.6	21.8	21.8	21.8	0	22.5
		50	0	21.9	21.8	21.9	21.8	0	22.8	21.6	21.8	21.8	21.8	0	22.5
	256QAM	1	0	20.0	19.9	20.0	20.0	1.8	21.0	19.9	20.1	20.2	20.2	1.5	21.0
		1	25	20.1	20.0	20.1	20.0	1.8	21.0	20.1	20.3	20.3	20.3	1.5	21.0
		1	49	20.1	20.0	20.0	20.0	1.8	21.0	20.0	20.2	20.2	20.2	1.5	21.0
		25	0	20.1	19.9	20.1	20.0	1.8	21.0	20.0	20.2	20.3	20.3	1.5	21.0
		25	12	20.1	20.0	20.1	20.1	1.8	21.0	20.1	20.3	20.3	20.3	1.5	21.0
		25	25	20.1	20.0	20.1	20.0	1.8	21.0	20.0	20.3	20.3	20.3	1.5	21.0
		50	0	20.1	20.0	20.1	20.0	1.8	21.0	20.0	20.3	20.3	20.3	1.5	21.0

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)						Power Mode B (dBm)					
				55265	55748	56232	56715	MPR	Max Output Pwr	55265	55748	56232	56715	MPR	Max Output Pwr
				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	QPSK	1	0	21.9	21.8	21.9	21.9	0	22.8	21.5	21.8	21.8	21.8	0	22.5
		1	12	22.0	21.9	21.9	21.9	0	22.8	21.7	21.9	21.9	21.9	0	22.5
		1	24	21.9	21.8	21.9	21.9	0	22.8	21.6	21.9	21.9	21.9	0	22.5
		12	0	21.9	21.8	21.9	21.8	0	22.8	21.5	21.8	21.8	21.8	0	22.5
		12	7	21.9	21.8	21.9	21.8	0	22.8	21.6	21.9	21.8	21.8	0	22.5
		12	13	21.9	21.8	21.9	21.8	0	22.8	21.5	21.9	21.8	21.8	0	22.5
		25	0	21.9	21.8	21.9	21.8	0	22.8	21.5	21.8	21.8	21.8	0	22.5
	16QAM	1	0	21.9	21.7	21.8	21.8	0	22.8	21.5	21.8	21.8	21.8	0	22.5
		1	12	21.9	21.8	21.9	21.9	0	22.8	21.5	21.8	21.8	21.8	0	22.5
		1	24	21.9	21.7	21.8	21.8	0	22.8	21.5	21.8	21.8	21.8	0	22.5
		12	0	21.9	21.9	21.9	21.9	0	22.8	21.5	21.9	21.8	21.8	0	22.5
		12	7	21.9	21.9	22.0	21.9	0	22.8	21.6	21.9	21.8	21.8	0	22.5
		12	13	21.9	21.9	21.9	21.9	0	22.8	21.6	21.9	21.8	21.8	0	22.5
		25	0	21.9	21.8	21.9	21.8	0	22.8	21.6	21.9	21.8	21.8	0	22.5
	64QAM	1	0	21.8	21.7	21.8	21.8	0	22.8	21.5	21.7	21.6	21.6	0	22.5
		1	12	21.9	21.8	21.9	21.9	0	22.8	21.6	21.8	21.7	21.7	0	22.5
		1	24	21.8	21.7	21.8	21.8	0	22.8	21.5	21.8	21.6	21.6	0	22.5
		12	0	21.9	21.7	21.9	21.8	0	22.8	21.5	21.8	21.8	21.8	0	22.5
		12	7	21.9	21.8	21.9	21.9	0	22.8	21.6	21.9	21.9	21.9	0	22.5
		12	13	21.9	21.8	21.9	21.8	0	22.8	21.6	21.8	21.8	21.8	0	22.5
		25	0	21.9	21.8	21.9	21.8	0	22.8	21.6	21.8	21.8	21.8	0	22.5
	256QAM	1	0	20.0	19.8	20.1	20.0	1.8	21.0	19.9	20.2	20.3	20.3	1.5	21.0
		1	12	20.1	20.0	20.2	20.1	1.8	21.0	20.0	20.3	20.4	20.4	1.5	21.0
		1	24	20.0	19.9	20.1	20.0	1.8	21.0	20.0	20.3	20.3	20.3	1.5	21.0
		12	0	20.1	20.0	20.1	20.0	1.8	21.0	20.0	20.3	20.3	20.3	1.5	21.0
		12	7	20.1	20.0	20.1	20.0	1.8	21.0	20.1	20.4	20.4	20.4	1.5	21.0
		12	13	20.1	20.0	20.1	20.0	1.8	21.0	20.0	20.3	20.3	20.3	1.5	21.0
		25	0	20.1	20.0	20.1	20.0	1.8	21.0	20.0	20.3	20.3	20.3	1.5	21.0

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	Max Output Pwr	55340	55773	56207	56640	MPR	Max Output Pwr
				3560 MHz	3603.3 MHz	3646.7 MHz	3690 MHz			3560 MHz	3603.3 MHz	3646.7 MHz	3690 MHz		
20	QPSK	1	0	24.2	24.3	24.7	24.4	0	25.3	22.1	22.1	22.2	22.2	0	22.8
		1	49	24.2	24.3	24.7	24.4	0	25.3	22.4	22.2	22.2	22.2	0	22.8
		1	99	24.2	24.3	24.7	24.4	0	25.3	22.0	22.1	22.2	22.2	0	22.8
		50	0	24.1	24.0	24.5	24.2	0.3	25.0	22.1	22.2	22.2	22.2	0	22.8
		50	24	24.1	24.0	24.5	24.2	0.3	25.0	22.4	22.3	22.3	22.2	0	22.8
		50	50	24.1	24.0	24.5	24.2	0.3	25.0	22.1	22.2	22.3	22.2	0	22.8
		100	0	24.0	24.0	24.5	24.2	0.3	25.0	22.4	22.2	22.4	22.2	0	22.8
	16QAM	1	0	24.3	24.3	24.5	24.6	0.3	25.0	22.1	22.0	22.2	22.3	0	22.8
		1	49	24.3	24.5	24.6	24.7	0.3	25.0	22.2	22.2	22.4	22.4	0	22.8
		1	99	24.3	24.4	24.6	24.5	0.3	25.0	22.1	22.1	22.3	22.2	0	22.8
		50	0	23.4	23.4	23.5	23.6	1.3	24.0	22.1	22.2	22.3	22.3	0	22.8
		50	24	23.4	23.5	23.5	23.6	1.3	24.0	22.2	22.2	22.3	22.3	0	22.8
		50	50	23.4	23.5	23.6	23.6	1.3	24.0	22.2	22.2	22.4	22.4	0	22.8
		100	0	23.4	23.4	23.5	23.5	1.3	24.0	22.2	22.1	22.3	22.3	0	22.8
	64QAM	1	0	23.2	23.3	23.5	23.6	1.3	24.0	22.0	22.1	22.3	22.3	0	22.8
		1	49	23.3	23.4	23.6	23.7	1.3	24.0	22.0	22.2	22.3	22.4	0	22.8
		1	99	23.3	23.3	23.4	23.6	1.3	24.0	22.0	22.2	22.3	22.3	0	22.8
		50	0	22.3	22.4	22.5	22.6	2.3	23.0	22.1	22.2	22.2	22.3	0	22.8
		50	24	22.3	22.4	22.5	22.6	2.3	23.0	22.2	22.2	22.3	22.4	0	22.8
		50	50	22.3	22.4	22.6	22.7	2.3	23.0	22.1	22.2	22.4	22.4	0	22.8
		100	0	22.4	22.4	22.5	22.6	2.3	23.0	22.1	22.2	22.3	22.3	0	22.8
	256QAM	1	0	20.2	20.3	20.5	20.6	4.3	21.0	20.3	20.3	20.5	20.5	1.8	21.0
		1	49	20.3	20.4	20.5	20.7	4.3	21.0	20.4	20.4	20.5	20.6	1.8	21.0
		1	99	20.3	20.4	20.6	20.6	4.3	21.0	20.4	20.5	20.6	20.6	1.8	21.0
		50	0	20.3	20.4	20.4	20.6	4.3	21.0	20.3	20.4	20.4	20.5	1.8	21.0
		50	24	20.3	20.4	20.5	20.6	4.3	21.0	20.3	20.4	20.5	20.5	1.8	21.0
		50	50	20.3	20.4	20.6	20.6	4.3	21.0	20.3	20.4	20.6	20.6	1.8	21.0
		100	0	20.3	20.4	20.5	20.6	4.3	21.0	20.3	20.4	20.5	20.5	1.8	21.0

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)						Power Mode B (dBm)					
				55315	55765	56215	56665	MPR	Max Output Pwr	55315	55765	56215	56665	MPR	Max Output Pwr
				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	QPSK	1	0	24.5	24.5	24.7	24.7	0	25.3	22.0	22.0	22.2	22.3	0	22.8
		1	37	24.6	24.5	24.7	24.7	0	25.3	22.1	22.1	22.3	22.4	0	22.8
		1	74	24.5	24.6	24.7	24.7	0	25.3	22.0	22.1	22.3	22.3	0	22.8
		36	0	24.4	24.4	24.5	24.5	0.3	25.0	22.1	22.1	22.3	22.3	0	22.8
		36	20	24.4	24.4	24.5	24.6	0.3	25.0	22.1	22.2	22.3	22.4	0	22.8
		36	39	24.4	24.4	24.6	24.6	0.3	25.0	22.1	22.2	22.3	22.4	0	22.8
		75	0	24.4	24.4	24.5	24.6	0.3	25.0	22.1	22.2	22.3	22.4	0	22.8
	16QAM	1	0	24.2	24.2	24.4	24.4	0.3	25.0	22.0	22.0	22.2	22.3	0	22.8
		1	37	24.3	24.4	24.5	24.4	0.3	25.0	22.0	22.1	22.2	22.3	0	22.8
		1	74	24.2	24.4	24.5	24.4	0.3	25.0	22.0	22.0	22.2	22.3	0	22.8
		36	0	23.4	23.4	23.5	23.5	1.3	24.0	22.1	22.1	22.3	22.3	0	22.8
		36	20	23.4	23.4	23.5	23.6	1.3	24.0	22.1	22.2	22.3	22.4	0	22.8
		36	39	23.4	23.4	23.6	23.6	1.3	24.0	22.1	22.2	22.3	22.4	0	22.8
		75	0	23.4	23.4	23.5	23.6	1.3	24.0	22.1	22.2	22.3	22.4	0	22.8
	64QAM	1	0	23.1	23.1	23.3	23.5	1.3	24.0	21.9	22.0	22.2	22.2	0	22.8
		1	37	23.2	23.3	23.4	23.6	1.3	24.0	21.9	22.1	22.3	22.2	0	22.8
		1	74	23.1	23.2	23.4	23.5	1.3	24.0	22.0	22.0	22.2	22.2	0	22.8
		36	0	22.3	22.4	22.4	22.6	2.3	23.0	22.1	22.2	22.3	22.3	0	22.8
		36	20	22.3	22.4	22.4	22.6	2.3	23.0	22.2	22.2	22.3	22.4	0	22.8
		36	39	22.3	22.4	22.5	22.6	2.3	23.0	22.1	22.2	22.3	22.4	0	22.8
		75	0	22.3	22.4	22.5	22.6	2.3	23.0	22.2	22.2	22.3	22.4	0	22.8
	256QAM	1	0	20.2	20.2	20.3	20.5	4.3	21.0	20.2	20.2	20.3	20.4	1.8	21.0
		1	37	20.4	20.2	20.5	20.6	4.3	21.0	20.3	20.3	20.5	20.6	1.8	21.0
		1	74	20.4	20.3	20.5	20.6	4.3	21.0	20.3	20.4	20.6	20.6	1.8	21.0
		36	0	20.3	20.4	20.4	20.6	4.3	21.0	20.3	20.3	20.4	20.5	1.8	21.0
		36	20	20.3	20.3	20.4	20.6	4.3	21.0	20.3	20.4	20.5	20.6	1.8	21.0
		36	39	20.3	20.4	20.5	20.6	4.3	21.0	20.3	20.4	20.5	20.6	1.8	21.0
		75	0	20.3	20.4	20.4	20.6	4.3	21.0	20.4	20.4	20.5	20.6	1.8	21.0

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	Max Output Pwr	55290	55757	56223	56690	MPR	Max Output Pwr
				3555 MHz	3601.7 MHz	3648.3 MHz	3695 MHz			3555 MHz	3601.7 MHz	3648.3 MHz	3695 MHz		
10	QPSK	1	0	24.7	24.7	24.9	24.9	0	25.3	22.2	22.3	22.4	22.5	0	22.8
		1	25	24.8	24.8	25.0	25.0	0	25.3	22.3	22.3	22.5	22.6	0	22.8
		1	49	24.7	24.8	24.9	24.9	0	25.3	22.2	22.3	22.5	22.5	0	22.8
		25	0	24.5	24.5	24.6	24.7	0.3	25.0	22.2	22.3	22.4	22.4	0	22.8
		25	12	24.5	24.6	24.7	24.7	0.3	25.0	22.3	22.3	22.4	22.4	0	22.8
		25	25	24.5	24.5	24.7	24.7	0.3	25.0	22.2	22.3	22.5	22.5	0	22.8
		50	0	24.5	24.5	24.6	24.6	0.3	25.0	22.2	22.3	22.4	22.4	0	22.8
	16QAM	1	0	24.5	24.5	24.7	24.7	0.3	25.0	22.3	22.3	22.3	22.4	0	22.8
		1	25	24.6	24.6	24.7	24.8	0.3	25.0	22.3	22.3	22.3	22.4	0	22.8
		1	49	24.5	24.5	24.7	24.7	0.3	25.0	22.3	22.3	22.3	22.4	0	22.8
		25	0	23.5	23.6	23.6	23.6	1.3	24.0	22.3	22.3	22.4	22.4	0	22.8
		25	12	23.6	23.6	23.7	23.7	1.3	24.0	22.3	22.3	22.4	22.5	0	22.8
		25	25	23.5	23.6	23.7	23.7	1.3	24.0	22.3	22.3	22.5	22.5	0	22.8
		50	0	23.5	23.5	23.6	23.7	1.3	24.0	22.2	22.3	22.4	22.4	0	22.8
	64QAM	1	0	23.4	23.6	23.7	23.7	1.3	24.0	22.2	22.2	22.4	22.5	0	22.8
		1	25	23.4	23.6	23.7	23.8	1.3	24.0	22.3	22.3	22.4	22.5	0	22.8
		1	49	23.4	23.6	23.7	23.8	1.3	24.0	22.2	22.3	22.4	22.5	0	22.8
		25	0	22.5	22.5	22.6	22.7	2.3	23.0	22.3	22.3	22.4	22.5	0	22.8
		25	12	22.5	22.6	22.7	22.7	2.3	23.0	22.3	22.4	22.4	22.5	0	22.8
		25	25	22.5	22.6	22.7	22.8	2.3	23.0	22.3	22.3	22.5	22.5	0	22.8
		50	0	22.5	22.6	22.6	22.7	2.3	23.0	22.3	22.3	22.4	22.5	0	22.8
	256QAM	1	0	20.4	20.4	20.6	20.6	4.3	21.0	20.3	20.3	20.5	20.6	1.8	21.0
		1	25	20.5	20.6	20.7	20.7	4.3	21.0	20.4	20.5	20.6	20.7	1.8	21.0
		1	49	20.4	20.5	20.7	20.7	4.3	21.0	20.4	20.4	20.6	20.6	1.8	21.0
		25	0	20.4	20.5	20.6	20.7	4.3	21.0	20.5	20.5	20.6	20.6	1.8	21.0
		25	12	20.5	20.6	20.7	20.7	4.3	21.0	20.5	20.5	20.6	20.7	1.8	21.0
		25	25	20.4	20.6	20.7	20.8	4.3	21.0	20.5	20.5	20.7	20.8	1.8	21.0
		50	0	20.5	20.5	20.6	20.7	4.3	21.0	20.5	20.5	20.6	20.6	1.8	21.0

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)						Power Mode B (dBm)					
				55265	55748	56232	56715	MPR	Max Output Pwr	55265	55748	56232	56715	MPR	Max Output Pwr
				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	QPSK	1	0	24.9	24.7	24.8	24.7	0	25.3	22.2	22.3	22.5	22.5	0	22.8
		1	12	25.0	24.8	24.9	24.7	0	25.3	22.3	22.4	22.5	22.6	0	22.8
		1	24	24.9	24.7	24.9	24.7	0	25.3	22.2	22.3	22.5	22.5	0	22.8
		12	0	24.7	24.5	24.6	24.5	0.3	25.0	22.2	22.3	22.4	22.5	0	22.8
		12	7	24.8	24.5	24.7	24.5	0.3	25.0	22.2	22.3	22.5	22.5	0	22.8
		12	13	24.7	24.5	24.7	24.5	0.3	25.0	22.2	22.3	22.5	22.5	0	22.8
		25	0	24.7	24.5	24.7	24.5	0.3	25.0	22.2	22.3	22.5	22.5	0	22.8
	16QAM	1	0	24.7	24.5	24.6	24.4	0.3	25.0	22.2	22.3	22.4	22.5	0	22.8
		1	12	24.7	24.6	24.6	24.6	0.3	25.0	22.2	22.3	22.5	22.5	0	22.8
		1	24	24.6	24.5	24.6	24.5	0.3	25.0	22.2	22.2	22.4	22.4	0	22.8
		12	0	23.7	23.5	23.8	23.5	1.3	24.0	22.3	22.4	22.5	22.6	0	22.8
		12	7	23.7	23.6	23.8	23.6	1.3	24.0	22.3	22.4	22.5	22.6	0	22.8
		12	13	23.7	23.6	23.8	23.5	1.3	24.0	22.3	22.4	22.5	22.5	0	22.8
		25	0	23.7	23.6	23.7	23.5	1.3	24.0	22.3	22.3	22.5	22.5	0	22.8
	64QAM	1	0	23.7	23.4	23.6	23.5	1.3	24.0	22.2	22.2	22.4	22.4	0	22.8
		1	12	23.8	23.5	23.7	23.5	1.3	24.0	22.3	22.3	22.5	22.5	0	22.8
		1	24	23.8	23.4	23.7	23.5	1.3	24.0	22.1	22.3	22.4	22.4	0	22.8
		12	0	22.8	22.5	22.7	22.5	2.3	23.0	22.3	22.3	22.5	22.5	0	22.8
		12	7	22.8	22.6	22.7	22.5	2.3	23.0	22.3	22.3	22.5	22.6	0	22.8
		12	13	22.8	22.5	22.7	22.5	2.3	23.0	22.3	22.3	22.5	22.5	0	22.8
		25	0	22.8	22.5	22.7	22.5	2.3	23.0	22.3	22.3	22.5	22.5	0	22.8
	256QAM	1	0	20.7	20.5	20.6	20.5	4.3	21.0	20.5	20.4	20.6	20.7	1.8	21.0
		1	12	20.7	20.6	20.7	20.5	4.3	21.0	20.5	20.5	20.7	20.7	1.8	21.0
		1	24	20.7	20.5	20.7	20.5	4.3	21.0	20.4	20.4	20.6	20.7	1.8	21.0
		12	0	20.8	20.5	20.7	20.5	4.3	21.0	20.4	20.4	20.7	20.7	1.8	21.0
		12	7	20.8	20.5	20.7	20.5	4.3	21.0	20.5	20.5	20.7	20.7	1.8	21.0
		12	13	20.8	20.5	20.7	20.5	4.3	21.0	20.4	20.4	20.6	20.7	1.8	21.0
		25	0	20.7	20.5	20.7	20.5	4.3	21.0	20.4	20.4	20.6	20.7	1.8	21.0

LTE Band 48 Measured Results (ANT4)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)						Power Mode B (dBm)					
				55340	55773	56207	56640	MPR	Max Output Pwr	55340	55773	56207	56640	MPR	Max Output Pwr
				3560 MHz	3603.3 MHz	3646.7 MHz	3690 MHz			3560 MHz	3603.3 MHz	3646.7 MHz	3690 MHz		
20	QPSK	1	0	22.7	22.6	22.7	22.5	0	23.8	20.3	20.4	20.4	20.5	0	21.5
		1	49	22.7	22.6	22.7	22.5	0	23.8	20.3	20.4	20.4	20.5	0	21.5
		1	99	22.6	22.6	22.7	22.5	0	23.8	20.3	20.4	20.4	20.5	0	21.5
		50	0	22.7	22.7	22.7	22.6	0	23.8	20.3	20.4	20.5	20.5	0	21.5
		50	24	22.7	22.8	22.7	22.7	0	23.8	20.3	20.4	20.5	20.5	0	21.5
		50	50	22.7	22.8	22.7	22.7	0	23.8	20.3	20.4	20.5	20.5	0	21.5
		100	0	22.7	22.8	22.8	22.6	0	23.8	20.3	20.3	20.4	20.4	0	21.5
	16QAM	1	0	22.9	22.8	22.8	22.7	0	23.8	20.4	20.5	20.6	20.5	0	21.5
		1	49	22.9	23.0	22.9	22.8	0	23.8	20.5	20.5	20.7	20.6	0	21.5
		1	99	22.8	22.8	22.7	22.7	0	23.8	20.4	20.5	20.6	20.4	0	21.5
		50	0	22.1	22.1	22.2	22.1	0.6	23.2	20.4	20.5	20.5	20.5	0	21.5
		50	24	22.1	22.2	22.2	22.1	0.6	23.2	20.4	20.5	20.5	20.5	0	21.5
		50	50	22.2	22.3	22.3	22.1	0.6	23.2	20.4	20.5	20.6	20.6	0	21.5
		100	0	22.1	22.2	22.2	22.1	0.6	23.2	20.3	20.5	20.5	20.5	0	21.5
	64QAM	1	0	22.2	22.0	22.1	22.0	0.6	23.2	20.2	20.1	20.4	20.5	0	21.5
		1	49	22.2	22.2	22.2	22.1	0.6	23.2	20.3	20.3	20.4	20.6	0	21.5
		1	99	22.2	22.1	22.2	22.0	0.6	23.2	20.3	20.3	20.4	20.5	0	21.5
		50	0	21.1	21.1	21.2	21.0	1.6	22.2	20.3	20.4	20.5	20.5	0	21.5
		50	24	21.2	21.2	21.2	21.0	1.6	22.2	20.4	20.5	20.5	20.5	0	21.5
		50	50	21.2	21.2	21.2	21.0	1.6	22.2	20.3	20.4	20.6	20.6	0	21.5
		100	0	21.1	21.2	21.1	21.1	1.6	22.2	20.3	20.4	20.5	20.5	0	21.5
	256QAM	1	0	19.1	19.2	19.2	19.0	3.6	20.2	19.0	19.0	19.1	19.1	1.3	20.2
		1	49	19.1	19.2	19.3	19.0	3.6	20.2	19.0	19.1	19.2	19.1	1.3	20.2
		1	99	19.2	19.2	19.3	19.1	3.6	20.2	19.1	19.1	19.1	19.2	1.3	20.2
		50	0	19.2	19.1	19.2	19.0	3.6	20.2	19.0	19.1	19.2	19.2	1.3	20.2
		50	24	19.2	19.2	19.2	19.1	3.6	20.2	19.0	19.1	19.2	19.2	1.3	20.2
		50	50	19.2	19.2	19.2	19.0	3.6	20.2	19.0	19.1	19.3	19.3	1.3	20.2
		100	0	19.2	19.2	19.2	19.1	3.6	20.2	19.0	19.1	19.2	19.2	1.3	20.2

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)						Power Mode B (dBm)					
				55315	55765	56215	56665	MPR	Max Output Pwr	55315	55765	56215	56665	MPR	Max Output Pwr
				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	QPSK	1	0	22.4	22.6	22.7	22.6	0	23.8	20.3	20.4	20.5	20.5	0	21.5
		1	37	22.5	22.7	22.7	22.7	0	23.8	20.4	20.5	20.5	20.5	0	21.5
		1	74	22.4	22.6	22.7	22.7	0	23.8	20.3	20.5	20.5	20.5	0	21.5
		36	0	22.6	22.7	22.8	22.8	0	23.8	20.4	20.5	20.5	20.5	0	21.5
		36	20	22.6	22.8	22.8	22.8	0	23.8	20.4	20.5	20.5	20.5	0	21.5
		36	39	22.6	22.8	22.8	22.8	0	23.8	20.4	20.5	20.5	20.6	0	21.5
		75	0	22.6	22.8	22.9	22.8	0	23.8	20.4	20.5	20.6	20.5	0	21.5
	16QAM	1	0	22.5	22.5	22.8	22.6	0	23.8	20.3	20.3	20.3	20.4	0	21.5
		1	37	22.6	22.7	22.8	22.7	0	23.8	20.3	20.4	20.3	20.5	0	21.5
		1	74	22.5	22.6	22.7	22.6	0	23.8	20.3	20.3	20.3	20.4	0	21.5
		36	0	22.0	22.1	22.2	22.1	0.6	23.2	20.4	20.5	20.5	20.5	0	21.5
		36	20	22.0	22.2	22.2	22.1	0.6	23.2	20.4	20.5	20.5	20.5	0	21.5
		36	39	22.0	22.2	22.2	22.2	0.6	23.2	20.4	20.5	20.5	20.6	0	21.5
		75	0	22.0	22.2	22.2	22.1	0.6	23.2	20.4	20.5	20.6	20.5	0	21.5
	64QAM	1	0	21.8	22.0	22.1	22.1	0.6	23.2	20.2	20.4	20.3	20.4	0	21.5
		1	37	21.9	22.1	22.1	22.1	0.6	23.2	20.3	20.6	20.4	20.5	0	21.5
		1	74	21.9	22.1	22.0	22.1	0.6	23.2	20.2	20.5	20.3	20.3	0	21.5
		36	0	21.0	21.1	21.2	21.1	1.6	22.2	20.3	20.5	20.4	20.5	0	21.5
		36	20	21.1	21.2	21.3	21.1	1.6	22.2	20.3	20.5	20.5	20.5	0	21.5
		36	39	21.0	21.2	21.2	21.2	1.6	22.2	20.3	20.5	20.5	20.5	0	21.5
		75	0	21.0	21.2	21.3	21.1	1.6	22.2	20.3	20.5	20.5	20.5	0	21.5
	256QAM	1	0	18.9	19.0	19.1	19.1	3.6	20.2	18.9	19.0	19.1	19.1	1.3	20.2
		1	37	19.0	19.1	19.3	19.1	3.6	20.2	19.0	19.1	19.0	19.2	1.3	20.2
		1	74	19.0	19.2	19.3	19.2	3.6	20.2	19.0	19.2	19.1	19.2	1.3	20.2
		36	0	19.0	19.1	19.2	19.1	3.6	20.2	19.1	19.2	19.1	19.2	1.3	20.2
		36	20	19.1	19.2	19.3	19.1	3.6	20.2	19.1	19.2	19.0	19.1	1.3	20.2
		36	39	19.1	19.2	19.3	19.2	3.6	20.2	19.0	19.2	19.2	19.2	1.3	20.2
		75	0	19.1	19.2	19.3	19.1	3.6	20.2	19.0	19.2	19.1	19.1	1.3	20.2

LTE Band 48 Measured Results (ANT4) (continued)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)						Power Mode B (dBm)					
				55290	55757	56223	56690	MPR	Max Output Pwr	55290	55757	56223	56690	MPR	Max Output Pwr
				3555 MHz	3601.7 MHz	3648.3 MHz	3695 MHz			3555 MHz	3601.7 MHz	3648.3 MHz	3695 MHz		
10	QPSK	1	0	22.6	22.8	22.8	22.9	0	23.8	20.5	20.6	20.7	20.7	0	21.5
		1	25	22.7	22.8	22.9	22.9	0	23.8	20.6	20.6	20.7	20.7	0	21.5
		1	49	22.6	22.8	22.8	22.9	0	23.8	20.5	20.6	20.7	20.7	0	21.5
		25	0	22.7	22.8	22.9	22.9	0	23.8	20.5	20.6	20.6	20.6	0	21.5
		25	12	22.7	22.9	22.9	22.9	0	23.8	20.5	20.6	20.6	20.6	0	21.5
		25	25	22.7	22.9	23.0	23.0	0	23.8	20.5	20.6	20.7	20.7	0	21.5
		50	0	22.7	22.9	22.9	22.9	0	23.8	20.5	20.6	20.6	20.6	0	21.5
	16QAM	1	0	22.7	22.8	23.0	22.8	0	23.8	20.3	20.6	20.5	20.6	0	21.5
		1	25	22.8	22.8	23.0	22.8	0	23.8	20.4	20.6	20.5	20.8	0	21.5
		1	49	22.7	22.7	23.0	22.8	0	23.8	20.4	20.6	20.5	20.7	0	21.5
		25	0	22.2	22.3	22.3	22.3	0.6	23.2	20.5	20.6	20.6	20.6	0	21.5
		25	12	22.2	22.4	22.3	22.3	0.6	23.2	20.5	20.6	20.7	20.6	0	21.5
		25	25	22.2	22.4	22.4	22.4	0.6	23.2	20.5	20.6	20.7	20.7	0	21.5
		50	0	22.2	22.4	22.3	22.3	0.6	23.2	20.5	20.6	20.6	20.6	0	21.5
	64QAM	1	0	22.0	22.3	22.4	22.3	0.6	23.2	20.4	20.4	20.5	20.6	0	21.5
		1	25	22.1	22.3	22.5	22.3	0.6	23.2	20.5	20.4	20.5	20.6	0	21.5
		1	49	22.0	22.3	22.4	22.3	0.6	23.2	20.4	20.3	20.5	20.6	0	21.5
		25	0	21.2	21.3	21.3	21.3	1.6	22.2	20.5	20.6	20.6	20.6	0	21.5
		25	12	21.2	21.4	21.3	21.3	1.6	22.2	20.5	20.6	20.7	20.6	0	21.5
		25	25	21.2	21.4	21.4	21.4	1.6	22.2	20.5	20.7	20.7	20.7	0	21.5
		50	0	21.2	21.4	21.3	21.3	1.6	22.2	20.5	20.6	20.6	20.6	0	21.5
	256QAM	1	0	19.1	19.3	19.3	19.2	3.6	20.2	19.0	19.2	19.2	19.2	1.3	20.2
		1	25	19.2	19.4	19.3	19.4	3.6	20.2	19.1	19.3	19.3	19.4	1.3	20.2
		1	49	19.1	19.4	19.3	19.3	3.6	20.2	19.1	19.3	19.3	19.3	1.3	20.2
		25	0	19.2	19.3	19.3	19.3	3.6	20.2	19.2	19.3	19.3	19.3	1.3	20.2
		25	12	19.2	19.4	19.4	19.3	3.6	20.2	19.2	19.3	19.3	19.3	1.3	20.2
		25	25	19.2	19.4	19.4	19.4	3.6	20.2	19.2	19.3	19.4	19.4	1.3	20.2
		50	0	19.1	19.3	19.3	19.3	3.6	20.2	19.2	19.3	19.3	19.3	1.3	20.2

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)						Power Mode B (dBm)					
				55265	55748	56232	56715	MPR	Max Output Pwr	55265	55748	56232	56715	MPR	Max Output Pwr
				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	QPSK	1	0	22.6	22.8	22.8	22.9	0	23.8	20.4	20.6	20.7	20.5	0	21.5
		1	12	22.7	22.9	22.9	22.9	0	23.8	20.4	20.7	20.8	20.4	0	21.5
		1	24	22.7	22.8	22.8	22.9	0	23.8	20.5	20.6	20.7	20.5	0	21.5
		12	0	22.7	22.9	22.9	23.0	0	23.8	20.4	20.6	20.6	20.5	0	21.5
		12	7	22.8	22.9	22.9	23.0	0	23.8	20.4	20.6	20.6	20.5	0	21.5
		12	13	22.8	22.9	22.9	23.0	0	23.8	20.4	20.6	20.7	20.5	0	21.5
		25	0	22.7	22.9	22.9	23.0	0	23.8	20.4	20.6	20.6	20.4	0	21.5
	16QAM	1	0	22.7	22.9	22.9	22.9	0	23.8	20.4	20.5	20.6	20.4	0	21.5
		1	12	22.7	22.9	23.0	23.0	0	23.8	20.5	20.6	20.6	20.4	0	21.5
		1	24	22.7	22.9	22.9	22.9	0	23.8	20.5	20.6	20.6	20.5	0	21.5
		12	0	22.2	22.4	22.3	22.4	0.6	23.2	20.3	20.6	20.7	20.4	0	21.5
		12	7	22.3	22.4	22.3	22.5	0.6	23.2	20.3	20.6	20.7	20.4	0	21.5
		12	13	22.2	22.4	22.4	22.4	0.6	23.2	20.3	20.6	20.8	20.4	0	21.5
		25	0	22.2	22.4	22.3	21.7	0.6	23.2	20.4	20.6	20.6	20.4	0	21.5
	64QAM	1	0	22.1	22.3	22.2	22.2	0.6	23.2	20.3	20.4	20.7	20.3	0	21.5
		1	12	22.2	22.4	22.2	22.3	0.6	23.2	20.4	20.5	20.7	20.4	0	21.5
		1	24	22.1	22.3	22.2	22.2	0.6	23.2	20.5	20.5	20.7	20.5	0	21.5
		12	0	21.2	21.3	21.3	21.2	1.6	22.2	20.4	20.6	20.6	20.4	0	21.5
		12	7	21.3	21.4	21.3	21.3	1.6	22.2	20.4	20.6	20.6	20.4	0	21.5
		12	13	21.2	21.3	21.4	21.2	1.6	22.2	20.4	20.6	20.7	20.4	0	21.5
		25	0	21.2	21.4	21.3	21.3	1.6	22.2	20.4	20.6	20.6	20.4	0	21.5
	256QAM	1	0	19.1	19.3	19.2	19.3	3.6	20.2	19.1	19.3	19.3	19.1	1.3	20.2
		1	12	19.2	19.3	19.4	19.3	3.6	20.2	19.1	19.3	19.5	19.2	1.3	20.2
		1	24	19.1	19.3	19.4	19.3	3.6	20.2	19.2	19.2	19.4	19.2	1.3	20.2
		12	0	19.2	19.3	19.3	19.3	3.6	20.2	19.1	19.2	19.3	19.1	1.3	20.2
		12	7	19.2	19.3	19.3	19.4	3.6	20.2	19.1	19.3	19.3	19.1	1.3	20.2
		12	13	19.2	19.3	19.4	19.4	3.6	20.2	19.1	19.3	19.4	19.1	1.3	20.2
		25	0	19.2	19.3	19.3	19.4	3.6	20.2	19.1	19.3	19.3	19.1	1.3	20.2

LTE Band 53 Measured Results (ANT1)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)			Power Mode B (dBm)		
				60197 2489.2 MHz	MPR	Max Output Pwr	60197 2489.2 MHz	MPR	Max Output Pwr
10	QPSK	1	0	20.3	0	20.7	20.3	0	20.7
		1	25	20.4	0	20.7	20.4	0	20.7
		1	49	20.4	0	20.7	20.4	0	20.7
		25	0	20.4	0	20.7	20.4	0	20.7
		25	12	20.6	0	20.7	20.6	0	20.7
		25	25	20.5	0	20.7	20.5	0	20.7
		50	0	20.4	0	20.7	20.4	0	20.7
	16QAM	1	0	20.4	0	20.7	20.4	0	20.7
		1	25	20.5	0	20.7	20.5	0	20.7
		1	49	20.5	0	20.7	20.5	0	20.7
		25	0	20.4	0	20.7	20.4	0	20.7
		25	12	20.5	0	20.7	20.5	0	20.7
		25	25	20.5	0	20.7	20.5	0	20.7
		50	0	20.5	0	20.7	20.5	0	20.7
	64QAM	1	0	20.3	0	20.7	20.3	0	20.7
		1	25	20.3	0	20.7	20.3	0	20.7
		1	49	20.3	0	20.7	20.3	0	20.7
		25	0	20.4	0	20.7	20.4	0	20.7
		25	12	20.5	0	20.7	20.5	0	20.7
		25	25	20.5	0	20.7	20.5	0	20.7
		50	0	20.5	0	20.7	20.5	0	20.7
	256QAM	1	0	20.4	0	20.7	20.4	0	20.7
		1	25	20.4	0	20.7	20.4	0	20.7
		1	49	20.4	0	20.7	20.4	0	20.7
		25	0	20.5	0	20.7	20.5	0	20.7
		25	12	20.5	0	20.7	20.5	0	20.7
		25	25	20.5	0	20.7	20.5	0	20.7
		50	0	20.5	0	20.7	20.5	0	20.7

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)			Power Mode B (dBm)		
				60197 2489.2 MHz	MPR	Max Output Pwr	60197 2489.2 MHz	MPR	Max Output Pwr
5	QPSK	1	0	20.3	0	20.7	20.3	0	20.7
		1	12	20.4	0	20.7	20.4	0	20.7
		1	24	20.4	0	20.7	20.4	0	20.7
		12	0	20.4	0	20.7	20.4	0	20.7
		12	7	20.5	0	20.7	20.5	0	20.7
		12	13	20.4	0	20.7	20.4	0	20.7
		25	0	20.4	0	20.7	20.4	0	20.7
	16QAM	1	0	20.4	0	20.7	20.4	0	20.7
		1	12	20.5	0	20.7	20.5	0	20.7
		1	24	20.5	0	20.7	20.5	0	20.7
		12	0	20.4	0	20.7	20.4	0	20.7
		12	7	20.5	0	20.7	20.5	0	20.7
		12	13	20.4	0	20.7	20.4	0	20.7
		25	0	20.4	0	20.7	20.4	0	20.7
	64QAM	1	0	20.4	0	20.7	20.4	0	20.7
		1	12	20.5	0	20.7	20.5	0	20.7
		1	24	20.5	0	20.7	20.5	0	20.7
		12	0	20.4	0	20.7	20.4	0	20.7
		12	7	20.5	0	20.7	20.5	0	20.7
		12	13	20.4	0	20.7	20.4	0	20.7
		25	0	20.4	0	20.7	20.4	0	20.7
	256QAM	1	0	20.4	0	20.7	20.4	0	20.7
		1	12	20.5	0	20.7	20.5	0	20.7
		1	24	20.4	0	20.7	20.4	0	20.7
		12	0	20.4	0	20.7	20.4	0	20.7
		12	7	20.5	0	20.7	20.5	0	20.7
		12	13	20.5	0	20.7	20.5	0	20.7
		25	0	20.4	0	20.7	20.4	0	20.7

LTE Band 53 Measured Results (ANT1) (continued)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)					Power Mode B (dBm)				
				60155	60197	60240	MPR	Max Output Pwr	60155	60197	60240	MPR	Max Output Pwr
				2485 MHz	2489.2 MHz	2493.5 MHz			2485 MHz	2489.2 MHz	2493.5 MHz		
3	QPSK	1	0	20.3	20.3	20.4	0	20.7	20.3	20.3	20.4	0	20.7
		1	8	20.4	20.5	20.5	0	20.7	20.4	20.5	20.5	0	20.7
		1	14	20.3	20.4	20.4	0	20.7	20.3	20.4	20.4	0	20.7
		8	0	20.4	20.5	20.4	0	20.7	20.4	20.5	20.4	0	20.7
		8	4	20.4	20.5	20.6	0	20.7	20.4	20.5	20.6	0	20.7
		8	7	20.4	20.5	20.5	0	20.7	20.4	20.5	20.5	0	20.7
		15	0	20.4	20.5	20.5	0	20.7	20.4	20.5	20.5	0	20.7
	16QAM	1	0	20.4	20.3	20.3	0	20.7	20.4	20.3	20.3	0	20.7
		1	8	20.5	20.4	20.4	0	20.7	20.5	20.4	20.4	0	20.7
		1	14	20.5	20.3	20.3	0	20.7	20.5	20.3	20.3	0	20.7
		8	0	20.4	20.5	20.4	0	20.7	20.4	20.5	20.4	0	20.7
		8	4	20.4	20.5	20.5	0	20.7	20.4	20.5	20.5	0	20.7
		8	7	20.4	20.5	20.5	0	20.7	20.4	20.5	20.5	0	20.7
		15	0	20.4	20.5	20.5	0	20.7	20.4	20.5	20.5	0	20.7
	64QAM	1	0	20.3	20.5	20.3	0	20.7	20.3	20.5	20.3	0	20.7
		1	8	20.6	20.2	20.5	0	20.7	20.6	20.2	20.5	0	20.7
		1	14	20.4	19.9	20.6	0	20.7	20.4	19.9	20.6	0	20.7
		8	0	20.4	20.4	20.4	0	20.7	20.4	20.4	20.4	0	20.7
		8	4	20.4	20.5	20.5	0	20.7	20.4	20.5	20.5	0	20.7
		8	7	20.4	20.5	20.5	0	20.7	20.4	20.5	20.5	0	20.7
		15	0	20.4	20.5	20.5	0	20.7	20.4	20.5	20.5	0	20.7
	256QAM	1	0	20.3	20.5	20.3	0	20.7	20.3	20.5	20.3	0	20.7
		1	8	20.5	20.4	20.5	0	20.7	20.5	20.4	20.5	0	20.7
		1	14	20.4	20.4	20.5	0	20.7	20.4	20.4	20.5	0	20.7
		8	0	20.4	20.5	20.4	0	20.7	20.4	20.5	20.4	0	20.7
		8	4	20.4	20.5	20.5	0	20.7	20.4	20.5	20.5	0	20.7
		8	7	20.5	20.5	20.6	0	20.7	20.5	20.5	20.6	0	20.7
		15	0	20.4	20.5	20.5	0	20.7	20.4	20.5	20.5	0	20.7

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)					Power Mode B (dBm)				
				60147	60197	60248	MPR	Max Output Pwr	60147	60197	60248	MPR	Max Output Pwr
				2484.2 MHz	2489.2 MHz	2494.3 MHz			2484.2 MHz	2489.2 MHz	2494.3 MHz		
1.4	QPSK	1	0	20.3	20.3	20.4	0	20.7	20.3	20.3	20.4	0	20.7
		1	3	20.4	20.3	20.4	0	20.7	20.4	20.3	20.4	0	20.7
		1	5	20.4	20.3	20.4	0	20.7	20.4	20.3	20.4	0	20.7
		3	0	20.3	20.4	20.4	0	20.7	20.3	20.4	20.4	0	20.7
		3	1	20.4	20.4	20.5	0	20.7	20.4	20.4	20.5	0	20.7
		3	3	20.4	20.4	20.5	0	20.7	20.4	20.4	20.5	0	20.7
		6	0	20.4	20.4	20.4	0	20.7	20.4	20.4	20.4	0	20.7
	16QAM	1	0	20.4	20.3	20.5	0	20.7	20.4	20.3	20.5	0	20.7
		1	3	20.4	20.5	20.4	0	20.7	20.4	20.5	20.4	0	20.7
		1	5	20.4	20.4	20.4	0	20.7	20.4	20.4	20.4	0	20.7
		3	0	20.4	20.3	20.3	0	20.7	20.4	20.3	20.3	0	20.7
		3	1	20.4	20.4	20.5	0	20.7	20.4	20.4	20.5	0	20.7
		3	3	20.3	20.4	20.4	0	20.7	20.3	20.4	20.4	0	20.7
		6	0	20.4	20.4	20.4	0	20.7	20.4	20.4	20.4	0	20.7
	64QAM	1	0	20.7	20.3	20.2	0	20.7	20.7	20.3	20.2	0	20.7
		1	3	20.3	20.3	20.5	0	20.7	20.3	20.3	20.5	0	20.7
		1	5	20.5	20.3	20.4	0	20.7	20.5	20.3	20.4	0	20.7
		3	0	20.5	20.4	20.4	0	20.7	20.5	20.4	20.4	0	20.7
		3	1	20.4	20.4	20.5	0	20.7	20.4	20.4	20.5	0	20.7
		3	3	20.4	20.4	20.5	0	20.7	20.4	20.4	20.5	0	20.7
		6	0	20.4	20.4	20.3	0	20.7	20.4	20.4	20.3	0	20.7
	256QAM	1	0	20.6	20.4	20.5	0	20.7	20.6	20.4	20.5	0	20.7
		1	3	20.4	20.6	20.4	0	20.7	20.4	20.6	20.4	0	20.7
		1	5	20.5	20.3	20.6	0	20.7	20.5	20.3	20.6	0	20.7
		3	0	20.4	20.4	20.4	0	20.7	20.4	20.4	20.4	0	20.7
		3	1	20.6	20.4	20.4	0	20.7	20.6	20.4	20.4	0	20.7
		3	3	20.5	20.3	20.5	0	20.7	20.5	20.3	20.5	0	20.7
		6	0	20.5	20.4	20.4	0	20.7	20.5	20.4	20.4	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 2489.2 MHz	MPR	Max Output Pwr	60197 2489.2 MHz	MPR	Max Output Pwr
10	QPSK	1	0	17.6	0	18.5	19.8	0	20.5
		1	25	17.6	0	18.5	20.1	0	20.5
		1	49	17.6	0	18.5	19.9	0	20.5
		25	0	17.6	0	18.5	19.9	0	20.5
		25	12	17.6	0	18.5	20.2	0	20.5
		25	25	17.6	0	18.5	20.0	0	20.5
		50	0	17.5	0	18.5	20.2	0	20.5
	16QAM	1	0	17.7	0	18.5	19.9	0	20.5
		1	25	17.8	0	18.5	20.0	0	20.5
		1	49	17.8	0	18.5	20.0	0	20.5
		25	0	17.7	0	18.5	19.9	0	20.5
		25	12	17.8	0	18.5	20.0	0	20.5
		25	25	17.8	0	18.5	20.0	0	20.5
		50	0	17.8	0	18.5	20.0	0	20.5
	64QAM	1	0	17.6	0	18.5	20.1	0	20.5
		1	25	17.7	0	18.5	20.3	0	20.5
		1	49	17.7	0	18.5	20.2	0	20.5
		25	0	17.6	0	18.5	20.2	0	20.5
		25	12	17.7	0	18.5	20.2	0	20.5
		25	25	17.7	0	18.5	20.2	0	20.5
		50	0	17.7	0	18.5	20.2	0	20.5
	256QAM	1	0	17.5	0	18.5	18.2	2	18.7
		1	25	17.7	0	18.5	18.4	2	18.7
		1	49	17.6	0	18.5	18.2	2	18.7
		25	0	17.6	0	18.5	18.4	2	18.7
		25	12	17.7	0	18.5	18.4	2	18.7
		25	25	17.7	0	18.5	18.4	2	18.7
		50	0	17.7	0	18.5	18.4	2	18.7

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)			Power Mode B (dBm)		
				60197 2489.2 MHz	MPR	Max Output Pwr	60197 2489.2 MHz	MPR	Max Output Pwr
5	QPSK	1	0	17.6	0	18.5	19.9	0	20.5
		1	12	17.7	0	18.5	20.0	0	20.5
		1	24	17.7	0	18.5	19.9	0	20.5
		12	0	17.7	0	18.5	19.9	0	20.5
		12	7	17.7	0	18.5	19.9	0	20.5
		12	13	17.8	0	18.5	20.0	0	20.5
		25	0	17.7	0	18.5	20.0	0	20.5
	16QAM	1	0	17.8	0	18.5	19.9	0	20.5
		1	12	17.9	0	18.5	20.0	0	20.5
		1	24	17.9	0	18.5	20.0	0	20.5
		12	0	17.7	0	18.5	19.9	0	20.5
		12	7	17.7	0	18.5	20.0	0	20.5
		12	13	17.8	0	18.5	20.0	0	20.5
		25	0	17.7	0	18.5	20.0	0	20.5
	64QAM	1	0	17.7	0	18.5	20.2	0	20.5
		1	12	17.8	0	18.5	20.4	0	20.5
		1	24	17.7	0	18.5	20.3	0	20.5
		12	0	17.6	0	18.5	20.2	0	20.5
		12	7	17.7	0	18.5	20.3	0	20.5
		12	13	17.7	0	18.5	20.2	0	20.5
		25	0	17.6	0	18.5	20.3	0	20.5
	256QAM	1	0	17.6	0	18.5	18.4	2	18.7
		1	12	17.8	0	18.5	18.6	2	18.7
		1	24	17.7	0	18.5	18.4	2	18.7
		12	0	17.6	0	18.5	18.5	2	18.7
		12	7	17.7	0	18.5	18.5	2	18.7
		12	13	17.7	0	18.5	18.5	2	18.7
		25	0	17.6	0	18.5	18.5	2	18.7

LTE Band 53 Measured Results (ANT2) (continued)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)					Power Mode B (dBm)				
				60155	60197	60240	MPR	Max Output Pwr	60155	60197	60240	MPR	Max Output Pwr
				2485 MHz	2489.2 MHz	2493.5 MHz			2485 MHz	2489.2 MHz	2493.5 MHz		
3	QPSK	1	0	17.5	17.6	17.7	0	18.5	19.8	19.8	19.9	0	20.5
		1	8	17.7	17.7	17.8	0	18.5	19.9	19.9	19.9	0	20.5
		1	14	17.6	17.7	17.7	0	18.5	19.7	19.9	19.8	0	20.5
		8	0	17.7	17.7	17.7	0	18.5	19.9	19.9	19.9	0	20.5
		8	4	17.7	17.7	17.8	0	18.5	20.0	20.0	20.0	0	20.5
		8	7	17.7	17.8	17.9	0	18.5	19.9	20.0	20.0	0	20.5
		15	0	17.7	17.7	17.8	0	18.5	19.9	19.9	19.9	0	20.5
	16QAM	1	0	17.7	17.7	17.6	0	18.5	19.9	19.7	19.9	0	20.5
		1	8	17.7	17.9	17.7	0	18.5	19.8	19.9	20.0	0	20.5
		1	14	17.7	17.8	17.7	0	18.5	19.9	19.8	20.0	0	20.5
		8	0	17.7	17.7	17.7	0	18.5	19.9	19.8	19.9	0	20.5
		8	4	17.7	17.7	17.8	0	18.5	19.9	19.9	20.0	0	20.5
		8	7	17.7	17.8	17.9	0	18.5	19.9	19.9	20.0	0	20.5
		15	0	17.6	17.7	17.8	0	18.5	19.9	19.9	19.9	0	20.5
	64QAM	1	0	17.5	17.6	17.5	0	18.5	20.1	20.1	20.4	0	20.5
		1	8	17.7	17.7	17.7	0	18.5	20.2	20.2	20.5	0	20.5
		1	14	17.6	17.6	17.4	0	18.5	20.2	20.1	20.1	0	20.5
		8	0	17.6	17.6	17.7	0	18.5	20.2	20.2	20.2	0	20.5
		8	4	17.6	17.7	17.8	0	18.5	20.3	20.2	20.3	0	20.5
		8	7	17.6	17.7	17.7	0	18.5	20.3	20.2	20.2	0	20.5
		15	0	17.6	17.7	17.6	0	18.5	20.2	20.1	20.2	0	20.5
	256QAM	1	0	17.6	17.6	17.5	0	18.5	18.3	18.2	18.2	2	18.7
		1	8	17.7	17.7	17.7	0	18.5	18.5	18.4	18.7	2	18.7
		1	14	17.6	17.6	17.5	0	18.5	18.4	18.3	18.4	2	18.7
		8	0	17.6	17.7	17.7	0	18.5	18.5	18.4	18.4	2	18.7
		8	4	17.7	17.7	17.7	0	18.5	18.5	18.4	18.4	2	18.7
		8	7	17.7	17.7	17.7	0	18.5	18.5	18.4	18.5	2	18.7
		15	0	17.7	17.6	17.7	0	18.5	18.5	18.4	18.4	2	18.7

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)					Power Mode B (dBm)				
				60147	60197	60248	MPR	Max Output Pwr	60147	60197	60248	MPR	Max Output Pwr
				2484.2 MHz	2489.2 MHz	2494.3 MHz			2484.2 MHz	2489.2 MHz	2494.3 MHz		
1.4	QPSK	1	0	17.6	17.6	17.8	0	18.5	19.8	19.9	19.8	0	20.5
		1	3	17.6	17.7	17.9	0	18.5	19.8	19.9	19.9	0	20.5
		1	5	17.6	17.7	17.8	0	18.5	19.8	19.9	19.9	0	20.5
		3	0	17.6	17.7	17.9	0	18.5	19.9	20.0	20.0	0	20.5
		3	1	17.7	17.7	17.9	0	18.5	19.9	20.0	20.0	0	20.5
		3	3	17.7	17.8	17.9	0	18.5	19.9	20.0	20.0	0	20.5
		6	0	17.6	17.7	17.8	0	18.5	19.9	19.9	19.9	0	20.5
	16QAM	1	0	17.7	17.8	17.9	0	18.5	19.8	20.0	20.0	0	20.5
		1	3	17.7	17.8	17.9	0	18.5	19.9	20.0	20.1	0	20.5
		1	5	17.6	17.8	17.9	0	18.5	19.8	20.0	20.0	0	20.5
		3	0	17.6	17.8	17.8	0	18.5	19.8	19.9	20.0	0	20.5
		3	1	17.6	17.7	17.8	0	18.5	19.8	19.9	20.0	0	20.5
		3	3	17.6	17.8	17.9	0	18.5	19.8	19.9	20.0	0	20.5
		6	0	17.6	17.7	17.8	0	18.5	19.9	20.0	19.9	0	20.5
	64QAM	1	0	17.5	17.5	17.8	0	18.5	20.2	20.2	20.3	0	20.5
		1	3	17.5	17.6	17.5	0	18.5	20.2	20.3	20.2	0	20.5
		1	5	17.6	17.7	17.5	0	18.5	20.1	20.2	20.1	0	20.5
		3	0	17.5	17.6	17.5	0	18.5	20.1	20.1	20.2	0	20.5
		3	1	17.5	17.7	17.5	0	18.5	20.1	20.2	20.1	0	20.5
		3	3	17.6	17.6	17.6	0	18.5	20.2	20.1	20.3	0	20.5
		6	0	17.5	17.5	17.6	0	18.5	20.1	20.1	20.2	0	20.5
	256QAM	1	0	17.6	17.7	17.3	0	18.5	18.1	18.3	18.4	2	18.7
		1	3	17.5	17.7	17.4	0	18.5	18.3	18.4	18.4	2	18.7
		1	5	17.6	17.8	17.5	0	18.5	18.2	18.6	18.5	2	18.7
		3	0	17.5	17.5	17.6	0	18.5	18.4	18.5	18.5	2	18.7
		3	1	17.5	17.7	17.5	0	18.5	18.5	18.5	18.5	2	18.7
		3	3	17.6	17.8	17.5	0	18.5	18.4	18.5	18.5	2	18.7
		6	0	17.6	17.7	17.6	0	18.5	18.4	18.4	18.5	2	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	Max Output Pwr	132072	132322	132572	MPR	Max Output Pwr
				1720 MHz	1745 MHz	1770 MHz			1720 MHz	1745 MHz	1770 MHz		
20	QPSK	1	0	24.9	24.8	24.9	0	25.0	19.0	18.9	18.9	0	19.7
		1	49	25.0	25.0	24.9	0	25.0	19.0	18.9	18.9	0	19.7
		1	99	24.8	24.8	24.9	0	25.0	19.0	18.9	18.8	0	19.7
		50	0	24.6	24.6	24.6	0.3	24.7	19.1	19.0	19.0	0	19.7
		50	24	24.7	24.7	24.7	0.3	24.7	19.2	19.1	19.1	0	19.7
		50	50	24.7	24.6	24.6	0.3	24.7	19.2	19.1	19.1	0	19.7
		100	0	24.6	24.7	24.7	0.3	24.7	19.1	19.1	19.0	0	19.7
	16QAM	1	0	24.5	24.6	24.7	0.3	24.7	19.3	19.2	19.2	0	19.7
		1	49	24.6	24.6	24.7	0.3	24.7	19.3	19.3	19.3	0	19.7
		1	99	24.5	24.6	24.6	0.3	24.7	19.3	19.3	19.1	0	19.7
		50	0	23.7	23.6	23.6	1.3	23.7	19.1	19.0	19.0	0	19.7
		50	24	23.7	23.7	23.7	1.3	23.7	19.2	19.1	19.1	0	19.7
		50	50	23.7	23.6	23.6	1.3	23.7	19.2	19.1	19.1	0	19.7
		100	0	23.7	23.6	23.5	1.3	23.7	19.2	19.1	19.0	0	19.7
	64QAM	1	0	23.6	23.5	23.4	1.3	23.7	19.3	19.2	19.1	0	19.7
		1	49	23.6	23.7	23.5	1.3	23.7	19.3	19.1	19.3	0	19.7
		1	99	23.6	23.6	23.3	1.3	23.7	19.3	19.2	19.1	0	19.7
		50	0	22.5	22.4	22.3	2.3	22.7	19.1	19.0	19.0	0	19.7
		50	24	22.6	22.5	22.4	2.3	22.7	19.2	19.1	19.1	0	19.7
		50	50	22.6	22.5	22.4	2.3	22.7	19.2	19.1	19.1	0	19.7
		100	0	22.6	22.5	22.3	2.3	22.7	19.2	19.1	19.0	0	19.7
	256QAM	1	0	20.7	20.5	20.4	4.3	20.7	19.3	19.1	19.2	0	19.7
		1	49	20.7	20.6	20.5	4.3	20.7	19.3	19.2	19.2	0	19.7
		1	99	20.7	20.6	20.4	4.3	20.7	19.3	19.3	19.2	0	19.7
		50	0	20.5	20.4	20.3	4.3	20.7	19.1	19.0	19.0	0	19.7
		50	24	20.6	20.5	20.3	4.3	20.7	19.2	19.1	19.1	0	19.7
		50	50	20.6	20.5	20.4	4.3	20.7	19.2	19.1	19.1	0	19.7
		100	0	20.6	20.5	20.3	4.3	20.7	19.2	19.1	19.0	0	19.7

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)					Power Mode B (dBm)				
				132047	132322	132597	MPR	Max Output Pwr	132047	132322	132597	MPR	Max Output Pwr
				1717.5 MHz	1745 MHz	1772.5 MHz			1717.5 MHz	1745 MHz	1772.5 MHz		
15	QPSK	1	0	24.9	24.8	24.8	0	25.0	19.0	18.9	18.9	0	19.7
		1	37	24.9	24.8	24.8	0	25.0	19.0	19.0	19.0	0	19.7
		1	74	24.9	24.8	24.7	0	25.0	19.1	19.0	18.9	0	19.7
		36	0	24.7	24.6	24.6	0.3	24.7	19.1	19.0	19.0	0	19.7
		36	20	24.7	24.6	24.6	0.3	24.7	19.1	19.1	19.0	0	19.7
		36	39	24.7	24.6	24.6	0.3	24.7	19.1	19.1	19.1	0	19.7
		75	0	24.7	24.7	24.6	0.3	24.7	19.2	19.1	19.0	0	19.7
	16QAM	1	0	24.6	24.6	24.5	0.3	24.7	19.5	19.3	19.3	0	19.7
		1	37	24.7	24.6	24.5	0.3	24.7	19.5	19.4	19.5	0	19.7
		1	74	24.7	24.5	24.7	0.3	24.7	19.5	19.4	19.2	0	19.7
		36	0	23.7	23.6	23.6	1.3	23.7	19.1	19.0	19.0	0	19.7
		36	20	23.7	23.6	23.6	1.3	23.7	19.2	19.1	19.0	0	19.7
		36	39	23.7	23.6	23.6	1.3	23.7	19.1	19.1	19.1	0	19.7
		75	0	23.7	23.6	23.6	1.3	23.7	19.2	19.1	19.0	0	19.7
	64QAM	1	0	23.7	23.6	23.5	1.3	23.7	19.3	19.2	19.2	0	19.7
		1	37	23.7	23.6	23.4	1.3	23.7	19.3	19.2	19.2	0	19.7
		1	74	23.7	23.6	23.2	1.3	23.7	19.3	19.2	19.1	0	19.7
		36	0	22.5	22.4	22.3	2.3	22.7	19.1	19.0	19.0	0	19.7
		36	20	22.6	22.5	22.3	2.3	22.7	19.2	19.1	19.0	0	19.7
		36	39	22.6	22.5	22.4	2.3	22.7	19.2	19.1	19.1	0	19.7
		75	0	22.6	22.5	22.3	2.3	22.7	19.2	19.1	19.0	0	19.7
	256QAM	1	0	20.5	20.5	20.5	4.3	20.7	19.2	18.9	19.2	0	19.7
		1	37	20.6	20.5	20.5	4.3	20.7	19.2	19.0	19.2	0	19.7
		1	74	20.6	20.6	20.5	4.3	20.7	19.2	19.0	19.2	0	19.7
		36	0	20.5	20.4	20.3	4.3	20.7	19.1	19.0	19.0	0	19.7
		36	20	20.6	20.5	20.3	4.3	20.7	19.2	19.1	19.0	0	19.7
		36	39	20.6	20.5	20.4	4.3	20.7	19.2	19.1	19.1	0	19.7
		75	0	20.6	20.5	20.3	4.3	20.7	19.2	19.1	19.0	0	19.7

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	Max Output Pwr	132022	132322	132622	MPR	Max Output Pwr
				1715 MHz	1745 MHz	1775 MHz			1715 MHz	1745 MHz	1775 MHz		
10	QPSK	1	0	24.8	24.9	25.0	0	25.0	19.2	19.1	19.2	0	19.7
		1	25	24.8	24.9	25.0	0	25.0	19.2	19.2	19.2	0	19.7
		1	49	25.0	24.9	25.0	0	25.0	19.2	19.2	19.1	0	19.7
		25	0	24.6	24.6	24.7	0.3	24.7	19.2	19.1	19.1	0	19.7
		25	12	24.6	24.7	24.7	0.3	24.7	19.3	19.2	19.2	0	19.7
		25	25	24.5	24.7	24.5	0.3	24.7	19.3	19.2	19.2	0	19.7
		50	0	24.5	24.7	24.7	0.3	24.7	19.3	19.2	19.1	0	19.7
	16QAM	1	0	24.7	24.7	24.7	0.3	24.7	19.4	19.3	19.4	0	19.7
		1	25	24.7	24.6	24.7	0.3	24.7	19.5	19.4	19.4	0	19.7
		1	49	24.6	24.7	24.7	0.3	24.7	19.4	19.4	19.4	0	19.7
		25	0	23.5	23.7	23.7	1.3	23.7	19.2	19.1	19.1	0	19.7
		25	12	23.6	23.5	23.5	1.3	23.7	19.3	19.3	19.2	0	19.7
		25	25	23.6	23.5	23.5	1.3	23.7	19.3	19.2	19.2	0	19.7
		50	0	23.6	23.7	23.7	1.3	23.7	19.3	19.2	19.1	0	19.7
	64QAM	1	0	23.5	23.7	23.5	1.3	23.7	19.4	19.4	19.3	0	19.7
		1	25	23.6	23.5	23.6	1.3	23.7	19.5	19.5	19.4	0	19.7
		1	49	23.5	23.7	23.5	1.3	23.7	19.5	19.3	19.4	0	19.7
		25	0	22.7	22.6	22.4	2.3	22.7	19.2	19.1	19.1	0	19.7
		25	12	22.5	22.7	22.5	2.3	22.7	19.3	19.2	19.2	0	19.7
		25	25	22.5	22.6	22.5	2.3	22.7	19.3	19.2	19.2	0	19.7
		50	0	22.5	22.6	22.4	2.3	22.7	19.3	19.2	19.1	0	19.7
	256QAM	1	0	20.5	20.7	20.5	4.3	20.7	19.3	19.3	19.2	0	19.7
		1	25	20.7	20.6	20.6	4.3	20.7	19.4	19.4	19.4	0	19.7
		1	49	20.6	20.5	20.5	4.3	20.7	19.4	19.4	19.3	0	19.7
		25	0	20.7	20.6	20.5	4.3	20.7	19.2	19.1	19.1	0	19.7
		25	12	20.5	20.7	20.5	4.3	20.7	19.3	19.2	19.1	0	19.7
		25	25	20.5	20.7	20.6	4.3	20.7	19.3	19.2	19.2	0	19.7
		50	0	20.5	20.6	20.5	4.3	20.7	19.3	19.2	19.1	0	19.7

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)					Power Mode B (dBm)				
				131997	132322	132647	MPR	Max Output Pwr	131997	132322	132647	MPR	Max Output Pwr
				1712.5 MHz	1745 MHz	1777.5 MHz			1712.5 MHz	1745 MHz	1777.5 MHz		
5	QPSK	1	0	24.8	24.9	25.0	0	25.0	19.1	19.1	19.1	0	19.7
		1	12	24.9	25.0	24.8	0	25.0	19.2	19.2	19.2	0	19.7
		1	24	24.8	25.0	25.0	0	25.0	19.2	19.1	19.1	0	19.7
		12	0	24.6	24.7	24.5	0.3	24.7	19.2	19.1	19.2	0	19.7
		12	7	24.6	24.7	24.5	0.3	24.7	19.3	19.2	19.2	0	19.7
		12	13	24.5	24.7	24.5	0.3	24.7	19.3	19.2	19.2	0	19.7
		25	0	24.5	24.7	24.5	0.3	24.7	19.2	19.2	19.2	0	19.7
	16QAM	1	0	24.7	24.7	24.7	0.3	24.7	19.5	19.5	19.5	0	19.7
		1	12	24.7	24.7	24.7	0.3	24.7	19.5	19.5	19.5	0	19.7
		1	24	24.7	24.7	24.7	0.3	24.7	19.5	19.5	19.5	0	19.7
		12	0	23.5	23.5	23.6	1.3	23.7	19.3	19.1	19.1	0	19.7
		12	7	23.5	23.6	23.6	1.3	23.7	19.4	19.3	19.1	0	19.7
		12	13	23.5	23.6	23.6	1.3	23.7	19.4	19.3	19.1	0	19.7
		25	0	23.6	23.7	23.5	1.3	23.7	19.3	19.2	19.2	0	19.7
	64QAM	1	0	23.5	23.5	23.5	1.3	23.7	19.4	19.2	19.3	0	19.7
		1	12	23.5	23.5	23.5	1.3	23.7	19.5	19.3	19.4	0	19.7
		1	24	23.5	23.5	23.5	1.3	23.7	19.4	19.3	19.3	0	19.7
		12	0	22.5	22.6	22.5	2.3	22.7	19.3	19.1	19.2	0	19.7
		12	7	22.5	22.7	22.6	2.3	22.7	19.3	19.3	19.3	0	19.7
		12	13	22.5	22.7	22.5	2.3	22.7	19.3	19.2	19.2	0	19.7
		25	0	22.5	22.6	22.5	2.3	22.7	19.3	19.2	19.2	0	19.7
	256QAM	1	0	20.6	20.5	20.7	4.3	20.7	19.3	19.2	19.2	0	19.7
		1	12	20.7	20.6	20.5	4.3	20.7	19.4	19.3	19.3	0	19.7
		1	24	20.6	20.5	20.7	4.3	20.7	19.3	19.4	19.2	0	19.7
		12	0	20.5	20.6	20.6	4.3	20.7	19.3	19.1	19.2	0	19.7
		12	7	20.5	20.7	20.6	4.3	20.7	19.3	19.2	19.2	0	19.7
		12	13	20.5	20.7	20.5	4.3	20.7	19.3	19.2	19.2	0	19.7
		25	0	20.5	20.7	20.5	4.3	20.7	19.3	19.2	19.2	0	19.7

LTE Band 66 Measured Results (ANT1) (continued)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)					Power Mode B (dBm)				
				131987	132322	132657	MPR	Max Output Pwr	131987	132322	132657	MPR	Max Output Pwr
				1711.5 MHz	1745 MHz	1778.5 MHz			1711.5 MHz	1745 MHz	1778.5 MHz		
3	QPSK	1	0	24.8	24.9	25.0	0	25.0	19.1	19.1	19.1	0	19.7
		1	8	24.9	25.0	25.0	0	25.0	19.2	19.2	19.2	0	19.7
		1	14	25.0	24.9	24.9	0	25.0	19.1	19.1	19.1	0	19.7
		8	0	24.6	24.7	24.5	0.3	24.7	19.2	19.2	19.2	0	19.7
		8	4	24.6	24.5	24.5	0.3	24.7	19.3	19.2	19.2	0	19.7
		8	7	24.6	24.5	24.5	0.3	24.7	19.3	19.2	19.2	0	19.7
		15	0	24.6	24.7	24.5	0.3	24.7	19.2	19.2	19.2	0	19.7
	16QAM	1	0	24.7	24.7	24.7	0.3	24.7	19.4	19.4	19.5	0	19.7
		1	8	24.7	24.7	24.7	0.3	24.7	19.5	19.5	19.5	0	19.7
		1	14	24.7	24.7	24.7	0.3	24.7	19.5	19.4	19.4	0	19.7
		8	0	23.6	23.7	23.5	1.3	23.7	19.3	19.3	19.3	0	19.7
		8	4	23.6	23.6	23.6	1.3	23.7	19.4	19.3	19.3	0	19.7
		8	7	23.6	23.6	23.6	1.3	23.7	19.3	19.3	19.3	0	19.7
		15	0	23.6	23.5	23.5	1.3	23.7	19.3	19.2	19.2	0	19.7
	64QAM	1	0	23.7	23.5	23.6	1.3	23.7	19.3	19.3	19.4	0	19.7
		1	8	23.6	23.5	23.6	1.3	23.7	19.5	19.4	19.4	0	19.7
		1	14	23.6	23.5	23.5	1.3	23.7	19.4	19.3	19.3	0	19.7
		8	0	22.5	22.7	22.6	2.3	22.7	19.3	19.2	19.2	0	19.7
		8	4	22.5	22.7	22.6	2.3	22.7	19.3	19.2	19.2	0	19.7
		8	7	22.5	22.7	22.6	2.3	22.7	19.3	19.3	19.2	0	19.7
		15	0	22.7	22.6	22.5	2.3	22.7	19.3	19.2	19.2	0	19.7
	256QAM	1	0	20.5	20.5	20.6	4.3	20.7	19.3	19.2	19.2	0	19.7
		1	8	20.6	20.5	20.7	4.3	20.7	19.5	19.4	19.3	0	19.7
		1	14	20.5	20.7	20.6	4.3	20.7	19.5	19.3	19.2	0	19.7
		8	0	20.5	20.7	20.5	4.3	20.7	19.3	19.2	19.2	0	19.7
		8	4	20.5	20.7	20.6	4.3	20.7	19.3	19.2	19.2	0	19.7
		8	7	20.5	20.7	20.6	4.3	20.7	19.3	19.2	19.2	0	19.7
		15	0	20.5	20.7	20.5	4.3	20.7	19.3	19.2	19.2	0	19.7

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)					Power Mode B (dBm)				
				131979	132322	132665	MPR	Max Output Pwr	131979	132322	132665	MPR	Max Output Pwr
				1710.7 MHz	1745 MHz	1779.3 MHz			1710.7 MHz	1745 MHz	1779.3 MHz		
1.4	QPSK	1	0	25.0	24.9	25.0	0	25.0	19.2	19.1	19.1	0	19.7
		1	3	25.0	25.0	25.0	0	25.0	19.2	19.2	19.1	0	19.7
		1	5	25.0	25.0	25.0	0	25.0	19.2	19.1	19.1	0	19.7
		3	0	25.0	25.0	25.0	0	25.0	19.2	19.1	19.1	0	19.7
		3	1	24.8	25.0	25.0	0	25.0	19.2	19.1	19.1	0	19.7
		3	3	24.8	25.0	24.8	0	25.0	19.2	19.2	19.1	0	19.7
		6	0	24.5	24.7	24.7	0.3	24.7	19.2	19.1	19.1	0	19.7
	16QAM	1	0	24.6	24.7	24.7	0.3	24.7	19.5	19.5	19.5	0	19.7
		1	3	24.7	24.7	24.7	0.3	24.7	19.5	19.5	19.5	0	19.7
		1	5	24.7	24.7	24.7	0.3	24.7	19.5	19.5	19.5	0	19.7
		3	0	24.6	24.6	24.6	0.3	24.7	19.3	19.3	19.3	0	19.7
		3	1	24.7	24.6	24.6	0.3	24.7	19.4	19.3	19.3	0	19.7
		3	3	24.7	24.6	24.6	0.3	24.7	19.4	19.3	19.3	0	19.7
		6	0	23.6	23.5	23.5	1.3	23.7	19.3	19.2	19.2	0	19.7
	64QAM	1	0	23.5	23.6	23.5	1.3	23.7	19.4	19.2	19.2	0	19.7
		1	3	23.5	23.5	23.7	1.3	23.7	19.5	19.3	19.2	0	19.7
		1	5	23.6	23.7	23.5	1.3	23.7	19.4	19.2	19.0	0	19.7
		3	0	23.5	23.7	23.6	1.3	23.7	19.2	19.2	19.2	0	19.7
		3	1	23.5	23.7	23.7	1.3	23.7	19.2	19.2	19.2	0	19.7
		3	3	23.5	23.7	23.6	1.3	23.7	19.3	19.2	19.2	0	19.7
		6	0	22.7	22.6	22.5	2.3	22.7	19.3	19.2	19.1	0	19.7
	256QAM	1	0	20.6	20.7	20.7	4.3	20.7	19.3	19.3	19.3	0	19.7
		1	3	20.6	20.5	20.6	4.3	20.7	19.3	19.2	19.3	0	19.7
		1	5	20.6	20.5	20.6	4.3	20.7	19.3	19.2	19.2	0	19.7
		3	0	20.5	20.7	20.6	4.3	20.7	19.3	19.2	19.1	0	19.7
		3	1	20.5	20.7	20.6	4.3	20.7	19.3	19.2	19.1	0	19.7
		3	3	20.5	20.7	20.6	4.3	20.7	19.3	19.2	19.1	0	19.7
		6	0	20.5	20.5	20.6	4.3	20.7	19.3	19.2	19.0	0	19.7

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	Max Output Pwr	132072	132322	132572	MPR	Max Output Pwr
				1720 MHz	1745 MHz	1770 MHz			1720 MHz	1745 MHz	1770 MHz		
20	QPSK	1	0	22.5	22.5	22.5	0	23.0	20.9	20.9	20.7	0	22.0
		1	49	22.8	22.6	22.5	0	23.0	21.0	21.0	20.9	0	22.0
		1	99	22.5	22.5	22.5	0	23.0	20.9	20.8	20.6	0	22.0
		50	0	22.5	22.5	22.5	0	23.0	20.9	20.9	20.7	0	22.0
		50	24	22.8	22.8	22.4	0	23.0	21.1	21.1	21.0	0	22.0
		50	50	22.5	22.5	22.5	0	23.0	20.9	20.9	20.8	0	22.0
		100	0	22.8	22.6	22.3	0	23.0	21.1	21.1	20.9	0	22.0
	16QAM	1	0	22.5	22.5	22.5	0	23.0	20.6	20.7	21.0	0	22.0
		1	49	22.5	22.5	22.5	0	23.0	20.6	20.7	20.7	0	22.0
		1	99	22.5	22.5	22.5	0	23.0	20.6	20.6	21.0	0	22.0
		50	0	21.7	21.7	21.7	0.8	22.2	20.9	20.9	20.7	0	22.0
		50	24	21.7	21.7	21.7	0.8	22.2	21.0	20.9	20.8	0	22.0
		50	50	21.7	21.7	21.7	0.8	22.2	21.0	20.8	20.8	0	22.0
		100	0	21.7	21.7	21.7	0.8	22.2	21.0	20.9	20.7	0	22.0
	64QAM	1	0	21.9	22.0	21.8	0.8	22.2	21.3	21.3	21.2	0	22.0
		1	49	22.1	22.1	21.8	0.8	22.2	21.3	21.4	21.2	0	22.0
		1	99	22.1	22.0	21.7	0.8	22.2	21.4	21.4	21.0	0	22.0
		50	0	21.2	21.2	21.2	1.8	21.2	21.2	21.2	21.1	0.8	21.2
		50	24	21.2	21.2	21.2	1.8	21.2	21.2	21.2	21.2	0.8	21.2
		50	50	21.2	21.2	21.2	1.8	21.2	21.2	21.2	21.2	0.8	21.2
		100	0	21.2	21.2	21.2	1.8	21.2	21.2	21.2	21.1	0.8	21.2
	256QAM	1	0	18.8	18.9	18.7	3.8	19.2	18.1	18.1	18.0	2.8	19.2
		1	49	18.8	18.9	18.7	3.8	19.2	18.1	18.2	18.0	2.8	19.2
		1	99	19.0	18.9	18.7	3.8	19.2	18.3	18.2	18.0	2.8	19.2
		50	0	18.8	18.8	18.7	3.8	19.2	18.1	18.1	18.1	2.8	19.2
		50	24	18.9	18.9	18.8	3.8	19.2	18.2	18.2	18.1	2.8	19.2
		50	50	18.8	18.8	18.8	3.8	19.2	18.2	18.1	18.1	2.8	19.2
		100	0	18.8	18.9	18.7	3.8	19.2	18.2	18.2	18.0	2.8	19.2

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)					Power Mode B (dBm)				
				132047	132322	132597	MPR	Max Output Pwr	132047	132322	132597	MPR	Max Output Pwr
				1717.5 MHz	1745 MHz	1772.5 MHz			1717.5 MHz	1745 MHz	1772.5 MHz		
15	QPSK	1	0	22.5	22.5	22.5	0	23.0	20.9	20.8	20.8	0	22.0
		1	37	22.5	22.5	22.5	0	23.0	20.8	20.8	20.8	0	22.0
		1	74	22.5	22.5	22.5	0	23.0	20.8	20.8	20.7	0	22.0
		36	0	22.5	22.5	22.5	0	23.0	20.9	20.9	20.8	0	22.0
		36	20	22.5	22.5	22.5	0	23.0	21.0	20.9	20.8	0	22.0
		36	39	22.5	22.5	22.5	0	23.0	20.9	20.9	20.8	0	22.0
		75	0	22.5	22.5	22.5	0	23.0	21.0	20.9	20.8	0	22.0
	16QAM	1	0	22.5	22.5	22.5	0	23.0	20.6	20.6	21.0	0	22.0
		1	37	22.5	22.5	22.5	0	23.0	20.8	20.6	21.0	0	22.0
		1	74	22.5	22.5	22.5	0	23.0	20.7	21.1	20.9	0	22.0
		36	0	21.7	21.7	21.7	0.8	22.2	20.9	20.9	20.8	0	22.0
		36	20	21.7	21.7	21.7	0.8	22.2	21.0	20.9	20.8	0	22.0
		36	39	21.7	21.7	21.7	0.8	22.2	21.0	20.9	20.8	0	22.0
		75	0	21.7	21.7	21.7	0.8	22.2	21.0	20.9	20.8	0	22.0
	64QAM	1	0	21.8	21.8	21.8	0.8	22.2	21.2	21.2	21.3	0	22.0
		1	37	21.9	21.8	21.7	0.8	22.2	21.2	21.3	21.3	0	22.0
		1	74	22.0	21.8	21.5	0.8	22.2	21.3	21.3	21.1	0	22.0
		36	0	21.2	21.2	21.2	1.8	21.2	21.2	21.2	21.1	0.8	21.2
		36	20	21.2	21.2	21.2	1.8	21.2	21.2	21.2	21.1	0.8	21.2
		36	39	21.2	21.2	21.2	1.8	21.2	21.2	21.2	21.1	0.8	21.2
		75	0	21.2	21.2	21.2	1.8	21.2	21.2	21.2	21.1	0.8	21.2
	256QAM	1	0	18.7	18.8	18.8	3.8	19.2	18.0	18.1	18.0	2.8	19.2
		1	37	18.8	19.0	18.8	3.8	19.2	18.1	18.2	18.1	2.8	19.2
		1	74	18.8	18.9	18.8	3.8	19.2	18.1	18.2	18.1	2.8	19.2
		36	0	18.7	18.8	18.7	3.8	19.2	18.1	18.1	18.0	2.8	19.2
		36	20	18.8	18.8	18.7	3.8	19.2	18.2	18.2	18.0	2.8	19.2
		36	39	18.8	18.8	18.8	3.8	19.2	18.1	18.2	18.1	2.8	19.2
		75	0	18.9	18.8	18.7	3.8	19.2	18.1	18.2	18.0	2.8	19.2

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	Max Output Pwr	132022	132322	132622	MPR	Max Output Pwr
				1715 MHz	1745 MHz	1775 MHz			1715 MHz	1745 MHz	1775 MHz		
10	QPSK	1	0	22.5	22.5	22.5	0	23.0	21.0	20.9	20.9	0	22.0
		1	25	22.5	22.5	22.5	0	23.0	21.1	21.0	21.0	0	22.0
		1	49	22.5	22.5	22.5	0	23.0	21.0	20.9	20.9	0	22.0
		25	0	22.5	22.5	22.5	0	23.0	21.1	21.0	20.9	0	22.0
		25	12	22.5	22.5	22.5	0	23.0	21.1	21.1	20.9	0	22.0
		25	25	22.5	22.5	22.5	0	23.0	21.1	21.0	21.0	0	22.0
		50	0	22.5	22.5	22.5	0	23.0	21.1	21.0	20.9	0	22.0
	16QAM	1	0	22.5	22.5	22.5	0	23.0	21.3	20.8	20.7	0	22.0
		1	25	22.5	22.5	22.5	0	23.0	20.8	20.8	20.7	0	22.0
		1	49	22.5	22.5	22.5	0	23.0	20.7	20.7	20.7	0	22.0
		25	0	21.7	21.7	21.7	0.8	22.2	20.6	21.0	20.9	0	22.0
		25	12	21.7	21.7	21.7	0.8	22.2	20.6	21.1	20.9	0	22.0
		25	25	21.7	21.7	21.7	0.8	22.2	21.1	21.0	21.0	0	22.0
		50	0	21.7	21.7	21.7	0.8	22.2	21.1	21.0	20.9	0	22.0
	64QAM	1	0	22.0	22.0	21.8	0.8	22.2	21.6	21.5	21.4	0	22.0
		1	25	22.1	22.1	21.9	0.8	22.2	21.7	21.6	21.5	0	22.0
		1	49	22.1	22.1	21.8	0.8	22.2	21.6	21.5	21.4	0	22.0
		25	0	21.2	21.2	21.2	1.8	21.2	21.2	21.2	21.2	0.8	21.2
		25	12	21.2	21.2	21.2	1.8	21.2	21.2	21.2	21.2	0.8	21.2
		25	25	21.2	21.2	21.2	1.8	21.2	21.2	21.2	21.2	0.8	21.2
		50	0	21.2	21.2	21.2	1.8	21.2	21.2	21.2	21.2	0.8	21.2
	256QAM	1	0	19.0	19.0	18.9	3.8	19.2	18.3	18.4	18.1	2.8	19.2
		1	25	19.1	19.1	19.0	3.8	19.2	18.4	18.5	18.3	2.8	19.2
		1	49	19.0	19.1	19.0	3.8	19.2	18.4	18.4	18.2	2.8	19.2
		25	0	18.9	18.9	18.8	3.8	19.2	18.3	18.2	18.1	2.8	19.2
		25	12	19.0	19.0	18.8	3.8	19.2	18.3	18.3	18.2	2.8	19.2
		25	25	19.0	19.0	18.8	3.8	19.2	18.3	18.3	18.2	2.8	19.2
		50	0	19.0	19.0	18.8	3.8	19.2	18.3	18.3	18.1	2.8	19.2

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)					Power Mode B (dBm)				
				131997	132322	132647	MPR	Max Output Pwr	131997	132322	132647	MPR	Max Output Pwr
				1712.5 MHz	1745 MHz	1777.5 MHz			1712.5 MHz	1745 MHz	1777.5 MHz		
5	QPSK	1	0	22.5	22.5	22.5	0	23.0	21.0	21.0	20.9	0	22.0
		1	12	22.5	22.5	22.5	0	23.0	21.1	21.0	21.0	0	22.0
		1	24	22.5	22.5	22.5	0	23.0	21.0	21.0	20.9	0	22.0
		12	0	22.5	22.5	22.5	0	23.0	21.1	20.9	21.0	0	22.0
		12	7	22.5	22.5	22.5	0	23.0	21.1	21.0	21.0	0	22.0
		12	13	22.5	22.5	22.5	0	23.0	21.1	21.0	21.0	0	22.0
		25	0	22.5	22.5	22.5	0	23.0	21.1	21.1	21.0	0	22.0
	16QAM	1	0	22.5	22.5	22.5	0	23.0	20.8	20.8	20.8	0	22.0
		1	12	22.5	22.5	22.5	0	23.0	20.9	20.9	20.9	0	22.0
		1	24	22.5	22.5	22.5	0	23.0	20.8	20.8	20.8	0	22.0
		12	0	21.7	21.7	21.7	0.8	22.2	20.6	21.0	21.0	0	22.0
		12	7	21.7	21.7	21.7	0.8	22.2	20.7	20.6	21.0	0	22.0
		12	13	21.7	21.7	21.7	0.8	22.2	20.6	21.1	21.0	0	22.0
		25	0	21.7	21.7	21.7	0.8	22.2	21.1	21.1	21.0	0	22.0
	64QAM	1	0	22.2	22.0	22.0	0.8	22.2	21.7	21.5	21.4	0	22.0
		1	12	21.3	22.1	22.1	0.8	22.2	21.7	21.6	21.5	0	22.0
		1	24	21.3	22.0	22.0	0.8	22.2	21.7	21.6	21.4	0	22.0
		12	0	21.2	21.2	21.2	1.8	21.2	21.2	21.2	21.2	0.8	21.2
		12	7	21.2	21.2	21.2	1.8	21.2	21.2	21.2	21.2	0.8	21.2
		12	13	21.2	21.2	21.2	1.8	21.2	21.2	21.2	21.2	0.8	21.2
		25	0	21.2	21.2	21.2	1.8	21.2	21.2	21.2	21.2	0.8	21.2
	256QAM	1	0	19.0	18.9	19.0	3.8	19.2	18.3	18.2	18.2	2.8	19.2
		1	12	19.0	19.0	19.0	3.8	19.2	18.4	18.4	18.3	2.8	19.2
		1	24	19.0	19.0	19.0	3.8	19.2	18.3	18.4	18.3	2.8	19.2
		12	0	19.0	18.9	18.8	3.8	19.2	18.3	18.2	18.2	2.8	19.2
		12	7	19.0	19.0	18.9	3.8	19.2	18.3	18.3	18.2	2.8	19.2
		12	13	19.0	19.0	18.8	3.8	19.2	18.3	18.3	18.2	2.8	19.2
		25	0	19.0	19.0	18.8	3.8	19.2	18.3	18.3	18.2	2.8	19.2

LTE Band 66 Measured Results (ANT2) (continued)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)					Power Mode B (dBm)				
				131987	132322	132657	MPR	Max Output Pwr	131987	132322	132657	MPR	Max Output Pwr
				1711.5 MHz	1745 MHz	1778.5 MHz			1711.5 MHz	1745 MHz	1778.5 MHz		
3	QPSK	1	0	22.5	22.5	22.5	0	23.0	21.0	20.9	20.9	0	22.0
		1	8	22.5	22.5	22.5	0	23.0	21.1	21.0	21.0	0	22.0
		1	14	22.5	22.5	22.5	0	23.0	21.0	20.9	20.9	0	22.0
		8	0	22.5	22.5	22.5	0	23.0	21.0	20.9	21.0	0	22.0
		8	4	22.5	22.5	22.5	0	23.0	21.0	21.1	21.0	0	22.0
		8	7	22.5	22.5	22.5	0	23.0	21.0	21.1	21.0	0	22.0
		15	0	22.5	22.5	22.5	0	23.0	21.1	21.0	21.0	0	22.0
	16QAM	1	0	22.5	22.5	22.5	0	23.0	20.8	20.8	20.8	0	22.0
		1	8	22.5	22.5	22.5	0	23.0	20.9	20.8	20.8	0	22.0
		1	14	22.5	22.5	22.5	0	23.0	20.7	20.9	20.8	0	22.0
		8	0	21.7	21.7	21.7	0.8	22.2	20.6	21.0	21.0	0	22.0
		8	4	21.7	21.7	21.7	0.8	22.2	20.7	21.1	21.0	0	22.0
		8	7	21.7	21.7	21.7	0.8	22.2	20.7	21.1	21.0	0	22.0
		15	0	21.7	21.7	21.7	0.8	22.2	20.6	21.1	21.0	0	22.0
	64QAM	1	0	22.0	21.9	21.9	0.8	22.2	21.7	21.4	21.3	0	22.0
		1	8	22.1	22.0	21.9	0.8	22.2	21.6	21.5	21.5	0	22.0
		1	14	22.1	22.1	21.7	0.8	22.2	21.5	21.4	21.3	0	22.0
		8	0	21.2	21.2	21.2	1.8	21.2	21.2	21.2	21.2	0.8	21.2
		8	4	21.2	21.2	21.2	1.8	21.2	21.2	21.2	21.2	0.8	21.2
		8	7	21.2	21.2	21.2	1.8	21.2	21.2	21.2	21.2	0.8	21.2
		15	0	21.2	21.2	21.2	1.8	21.2	21.2	21.2	21.2	0.8	21.2
	256QAM	1	0	18.9	18.8	18.9	3.8	19.2	18.3	18.3	18.1	2.8	19.2
		1	8	19.1	19.2	19.0	3.8	19.2	18.4	18.5	18.2	2.8	19.2
		1	14	18.9	19.1	18.9	3.8	19.2	18.4	18.3	18.2	2.8	19.2
		8	0	19.0	18.9	18.8	3.8	19.2	18.3	18.2	18.1	2.8	19.2
		8	4	19.0	18.9	18.9	3.8	19.2	18.3	18.3	18.2	2.8	19.2
		8	7	19.0	19.0	18.8	3.8	19.2	18.3	18.3	18.2	2.8	19.2
		15	0	19.0	18.9	18.8	3.8	19.2	18.3	18.3	18.1	2.8	19.2

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)					Power Mode B (dBm)				
				131979	132322	132665	MPR	Max Output Pwr	131979	132322	132665	MPR	Max Output Pwr
				1710.7 MHz	1745 MHz	1779.3 MHz			1710.7 MHz	1745 MHz	1779.3 MHz		
1.4	QPSK	1	0	22.5	22.5	22.5	0	23.0	21.0	20.9	20.9	0	22.0
		1	3	22.5	22.5	22.5	0	23.0	21.0	21.0	20.9	0	22.0
		1	5	22.5	22.5	22.5	0	23.0	21.0	21.0	20.9	0	22.0
		3	0	22.5	22.5	22.5	0	23.0	21.0	21.0	20.9	0	22.0
		3	1	22.5	22.5	22.5	0	23.0	21.0	21.0	20.9	0	22.0
		3	3	22.5	22.5	22.5	0	23.0	21.0	21.0	20.9	0	22.0
		6	0	22.5	22.5	22.5	0	23.0	21.0	21.0	20.9	0	22.0
	16QAM	1	0	22.5	22.5	22.5	0	23.0	20.8	20.6	20.7	0	22.0
		1	3	22.5	22.5	22.5	0	23.0	20.8	20.7	20.8	0	22.0
		1	5	22.5	22.5	22.5	0	23.0	20.8	20.7	20.7	0	22.0
		3	0	22.5	22.5	22.5	0	23.0	20.7	20.6	21.1	0	22.0
		3	1	22.5	22.5	22.5	0	23.0	20.7	20.7	21.0	0	22.0
		3	3	22.5	22.5	22.5	0	23.0	20.7	20.7	21.0	0	22.0
		6	0	21.7	21.7	21.7	0.8	22.2	20.6	21.1	21.0	0	22.0
	64QAM	1	0	22.0	22.0	21.9	0.8	22.2	21.6	21.5	21.5	0	22.0
		1	3	22.1	22.0	22.2	0.8	22.2	21.7	21.5	21.6	0	22.0
		1	5	22.1	22.1	21.9	0.8	22.2	21.6	21.5	21.6	0	22.0
		3	0	22.0	22.0	22.0	0.8	22.2	21.3	21.5	21.1	0	22.0
		3	1	22.0	22.0	22.0	0.8	22.2	21.3	21.5	21.1	0	22.0
		3	3	22.0	22.0	22.0	0.8	22.2	21.3	21.5	21.1	0	22.0
		6	0	21.2	21.2	21.2	1.8	21.2	21.2	21.2	21.2	0.8	21.2
	256QAM	1	0	19.1	18.9	18.9	3.8	19.2	18.4	18.3	18.2	2.8	19.2
		1	3	19.2	18.9	19.0	3.8	19.2	18.4	18.4	18.3	2.8	19.2
		1	5	19.1	18.9	18.8	3.8	19.2	18.3	18.4	18.2	2.8	19.2
		3	0	19.0	18.9	18.8	3.8	19.2	18.3	18.3	18.2	2.8	19.2
		3	1	19.0	18.9	18.9	3.8	19.2	18.3	18.3	18.3	2.8	19.2
		3	3	19.0	18.9	18.9	3.8	19.2	18.3	18.3	18.3	2.8	19.2
		6	0	19.0	19.0	18.9	3.8	19.2	18.4	18.3	18.1	2.8	19.2

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	Max Output Pwr	132072	132322	132572	MPR	Max Output Pwr
				1720 MHz	1745 MHz	1770 MHz			1720 MHz	1745 MHz	1770 MHz		
20	QPSK	1	0	20.8	21.0	20.9	0	21.0	20.5	20.4	20.3	0	20.7
		1	49	20.8	21.0	20.9	0	21.0	20.5	20.4	20.3	0	20.7
		1	99	20.8	21.0	20.6	0	21.0	20.5	20.4	20.3	0	20.7
		50	0	20.9	21.0	20.8	0	21.0	20.5	20.5	20.5	0	20.7
		50	24	20.9	21.0	20.8	0	21.0	20.5	20.5	20.5	0	20.7
		50	50	20.9	21.0	20.8	0	21.0	20.5	20.5	20.4	0	20.7
		100	0	20.8	20.9	20.9	0	21.0	20.4	20.4	20.3	0	20.7
	16QAM	1	0	21.0	21.0	21.0	0	21.0	20.5	20.5	20.5	0	20.7
		1	49	21.0	21.0	21.0	0	21.0	20.5	20.5	20.5	0	20.7
		1	99	21.0	21.0	20.9	0	21.0	20.5	20.5	20.5	0	20.7
		50	0	21.0	21.0	21.0	0	21.0	20.5	20.5	20.5	0	20.7
		50	24	21.0	21.0	21.0	0	21.0	20.5	20.5	20.5	0	20.7
		50	50	21.0	21.0	20.8	0	21.0	20.5	20.5	20.5	0	20.7
		100	0	21.0	21.0	20.9	0	21.0	20.5	20.5	20.5	0	20.7
	64QAM	1	0	20.9	20.9	20.9	0	21.0	20.6	20.6	20.5	0	20.7
		1	49	20.9	20.9	20.9	0	21.0	20.7	20.6	20.6	0	20.7
		1	99	20.9	20.9	20.8	0	21.0	20.7	20.7	20.3	0	20.7
		50	0	20.9	20.9	20.8	0	21.0	20.5	20.5	20.4	0	20.7
		50	24	21.0	20.9	20.7	0	21.0	20.6	20.6	20.4	0	20.7
		50	50	21.0	20.9	20.7	0	21.0	20.6	20.6	20.4	0	20.7
		100	0	21.0	20.9	20.7	0	21.0	20.6	20.6	20.4	0	20.7
	256QAM	1	0	20.4	20.5	20.3	0.5	20.5	20.5	20.4	20.2	0.2	20.5
		1	49	20.5	20.5	20.2	0.5	20.5	20.5	20.5	20.1	0.2	20.5
		1	99	20.5	20.5	20.1	0.5	20.5	20.5	20.5	20.0	0.2	20.5
		50	0	20.4	20.3	20.2	0.5	20.5	20.3	20.3	20.2	0.2	20.5
		50	24	20.5	20.4	20.2	0.5	20.5	20.4	20.4	20.2	0.2	20.5
		50	50	20.4	20.4	20.2	0.5	20.5	20.4	20.4	20.1	0.2	20.5
		100	0	20.4	20.4	20.2	0.5	20.5	20.4	20.3	20.2	0.2	20.5

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)					Power Mode B (dBm)				
				132047	132322	132597	MPR	Max Output Pwr	132047	132322	132597	MPR	Max Output Pwr
				1717.5 MHz	1745 MHz	1772.5 MHz			1717.5 MHz	1745 MHz	1772.5 MHz		
15	QPSK	1	0	20.9	20.9	20.7	0	21.0	20.5	20.5	20.5	0	20.7
		1	37	20.9	20.9	20.7	0	21.0	20.5	20.5	20.4	0	20.7
		1	74	20.9	20.9	20.5	0	21.0	20.5	20.5	20.3	0	20.7
		36	0	20.9	20.9	20.8	0	21.0	20.5	20.5	20.5	0	20.7
		36	20	21.0	20.9	20.8	0	21.0	20.5	20.5	20.5	0	20.7
		36	39	21.0	20.9	20.8	0	21.0	20.5	20.5	20.5	0	20.7
		75	0	21.0	21.0	20.8	0	21.0	20.5	20.5	20.5	0	20.7
	16QAM	1	0	21.0	21.0	21.0	0	21.0	20.5	20.5	20.5	0	20.7
		1	37	21.0	21.0	20.9	0	21.0	20.5	20.5	20.5	0	20.7
		1	74	21.0	21.0	20.7	0	21.0	20.5	20.5	20.5	0	20.7
		36	0	20.9	20.9	20.8	0	21.0	20.5	20.5	20.5	0	20.7
		36	20	20.9	20.9	20.8	0	21.0	20.5	20.5	20.5	0	20.7
		36	39	21.0	20.9	20.7	0	21.0	20.5	20.5	20.5	0	20.7
		75	0	21.0	21.0	20.8	0	21.0	20.5	20.5	20.5	0	20.7
	64QAM	1	0	21.0	20.9	20.8	0	21.0	20.7	20.6	20.4	0	20.7
		1	37	21.0	20.9	20.8	0	21.0	20.7	20.6	20.4	0	20.7
		1	74	21.0	21.0	20.6	0	21.0	20.6	20.6	20.3	0	20.7
		36	0	20.9	20.9	20.7	0	21.0	20.5	20.5	20.4	0	20.7
		36	20	21.0	20.9	20.7	0	21.0	20.6	20.6	20.4	0	20.7
		36	39	21.0	20.9	20.7	0	21.0	20.6	20.6	20.4	0	20.7
		75	0	21.0	20.9	20.7	0	21.0	20.6	20.6	20.4	0	20.7
	256QAM	1	0	20.4	20.5	20.3	0.5	20.5	20.2	20.4	20.3	0.2	20.5
		1	37	20.5	20.5	20.2	0.5	20.5	20.4	20.5	20.2	0.2	20.5
		1	74	20.5	20.5	20.2	0.5	20.5	20.4	20.4	20.2	0.2	20.5
		36	0	20.4	20.4	20.2	0.5	20.5	20.3	20.3	20.2	0.2	20.5
		36	20	20.4	20.4	20.2	0.5	20.5	20.4	20.4	20.1	0.2	20.5
		36	39	20.4	20.4	20.2	0.5	20.5	20.4	20.3	20.1	0.2	20.5
		75	0	20.4	20.4	20.2	0.5	20.5	20.4	20.3	20.1	0.2	20.5

LTE Band 66 Measured Results (ANT3) (continued)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)					Power Mode B (dBm)				
				132022	132322	132622	MPR	Max Output Pwr	132022	132322	132622	MPR	Max Output Pwr
				1715 MHz	1745 MHz	1775 MHz			1715 MHz	1745 MHz	1775 MHz		
10	QPSK	1	0	21.0	21.0	21.0	0	21.0	20.5	20.5	20.5	0	20.7
		1	25	21.0	21.0	21.0	0	21.0	20.5	20.5	20.5	0	20.7
		1	49	21.0	21.0	21.0	0	21.0	20.5	20.5	20.5	0	20.7
		25	0	21.0	21.0	21.0	0	21.0	20.5	20.5	20.5	0	20.7
		25	12	21.0	21.0	21.0	0	21.0	20.5	20.5	20.5	0	20.7
		25	25	21.0	21.0	21.0	0	21.0	20.5	20.5	20.5	0	20.7
		50	0	21.0	21.0	21.0	0	21.0	20.5	20.5	20.5	0	20.7
	16QAM	1	0	21.0	21.0	21.0	0	21.0	20.5	20.5	20.5	0	20.7
		1	25	21.0	21.0	21.0	0	21.0	20.5	20.5	20.5	0	20.7
		1	49	21.0	21.0	21.0	0	21.0	20.5	20.5	20.5	0	20.7
		25	0	21.0	21.0	21.0	0	21.0	20.5	20.5	20.5	0	20.7
		25	12	21.0	21.0	21.0	0	21.0	20.5	20.5	20.5	0	20.7
		25	25	21.0	21.0	21.0	0	21.0	20.5	20.5	20.5	0	20.7
		50	0	21.0	21.0	21.0	0	21.0	20.5	20.5	20.5	0	20.7
	64QAM	1	0	20.9	20.9	21.0	0	21.0	20.6	20.6	20.6	0	20.7
		1	25	20.9	20.9	20.9	0	21.0	20.6	20.6	20.7	0	20.7
		1	49	20.9	20.9	20.8	0	21.0	20.6	20.6	20.6	0	20.7
		25	0	21.0	21.0	20.8	0	21.0	20.7	20.7	20.5	0	20.7
		25	12	20.9	20.9	20.8	0	21.0	20.6	20.7	20.5	0	20.7
		25	25	20.9	21.0	20.8	0	21.0	20.6	20.7	20.5	0	20.7
		50	0	20.9	21.0	20.8	0	21.0	20.6	20.7	20.5	0	20.7
	256QAM	1	0	20.5	20.5	20.5	0.5	20.5	20.5	20.5	20.4	0.2	20.5
		1	25	20.5	20.5	20.5	0.5	20.5	20.5	20.5	20.4	0.2	20.5
		1	49	20.5	20.5	20.4	0.5	20.5	20.5	20.5	20.4	0.2	20.5
		25	0	20.5	20.5	20.3	0.5	20.5	20.4	20.5	20.3	0.2	20.5
		25	12	20.5	20.5	20.3	0.5	20.5	20.5	20.5	20.3	0.2	20.5
		25	25	20.5	20.5	20.3	0.5	20.5	20.5	20.5	20.2	0.2	20.5
		50	0	20.5	20.5	20.3	0.5	20.5	20.5	20.5	20.2	0.2	20.5

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)					Power Mode B (dBm)				
				131997	132322	132647	MPR	Max Output Pwr	131997	132322	132647	MPR	Max Output Pwr
				1712.5 MHz	1745 MHz	1777.5 MHz			1712.5 MHz	1745 MHz	1777.5 MHz		
5	QPSK	1	0	21.0	21.0	21.0	0	21.0	20.5	20.5	20.5	0	20.7
		1	12	21.0	21.0	21.0	0	21.0	20.5	20.5	20.5	0	20.7
		1	24	21.0	21.0	21.0	0	21.0	20.5	20.5	20.5	0	20.7
		12	0	21.0	21.0	21.0	0	21.0	20.5	20.5	20.5	0	20.7
		12	7	21.0	21.0	21.0	0	21.0	20.5	20.5	20.5	0	20.7
		12	13	21.0	21.0	21.0	0	21.0	20.5	20.5	20.5	0	20.7
		25	0	21.0	21.0	21.0	0	21.0	20.5	20.5	20.5	0	20.7
	16QAM	1	0	21.0	21.0	21.0	0	21.0	20.5	20.5	20.5	0	20.7
		1	12	21.0	21.0	21.0	0	21.0	20.5	20.5	20.5	0	20.7
		1	24	21.0	21.0	21.0	0	21.0	20.5	20.5	20.5	0	20.7
		12	0	21.0	21.0	21.0	0	21.0	20.5	20.5	20.5	0	20.7
		12	7	21.0	21.0	21.0	0	21.0	20.5	20.5	20.5	0	20.7
		12	13	21.0	21.0	21.0	0	21.0	20.5	20.5	20.5	0	20.7
		25	0	21.0	21.0	21.0	0	21.0	20.5	20.5	20.5	0	20.7
	64QAM	1	0	20.9	20.9	20.9	0	21.0	20.6	20.6	20.6	0	20.7
		1	12	20.9	20.9	20.9	0	21.0	20.6	20.6	20.7	0	20.7
		1	24	20.9	20.9	20.9	0	21.0	20.6	20.6	20.6	0	20.7
		12	0	20.9	21.0	20.8	0	21.0	20.6	20.7	20.4	0	20.7
		12	7	20.9	20.9	20.8	0	21.0	20.6	20.7	20.5	0	20.7
		12	13	20.9	20.9	20.8	0	21.0	20.6	20.6	20.5	0	20.7
		25	0	21.0	21.0	20.8	0	21.0	20.6	20.7	20.5	0	20.7
	256QAM	1	0	20.5	20.5	20.5	0.5	20.5	20.5	20.5	20.4	0.2	20.5
		1	12	20.5	20.5	20.5	0.5	20.5	20.5	20.5	20.5	0.2	20.5
		1	24	20.5	20.5	20.5	0.5	20.5	20.5	20.5	20.4	0.2	20.5
		12	0	20.5	20.5	20.3	0.5	20.5	20.5	20.5	20.2	0.2	20.5
		12	7	20.5	20.5	20.3	0.5	20.5	20.5	20.5	20.3	0.2	20.5
		12	13	20.5	20.5	20.3	0.5	20.5	20.5	20.5	20.3	0.2	20.5
		25	0	20.5	20.5	20.3	0.5	20.5	20.5	20.5	20.2	0.2	20.5

LTE Band 66 Measured Results (ANT3) (continued)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)					Power Mode B (dBm)				
				131987	132322	132657	MPR	Max Output Pwr	131987	132322	132657	MPR	Max Output Pwr
				1711.5 MHz	1745 MHz	1778.5 MHz			1711.5 MHz	1745 MHz	1778.5 MHz		
3	QPSK	1	0	21.0	21.0	21.0	0	21.0	20.5	20.5	20.5	0	20.7
		1	8	21.0	21.0	21.0	0	21.0	20.5	20.5	20.5	0	20.7
		1	14	21.0	21.0	21.0	0	21.0	20.5	20.5	20.5	0	20.7
		8	0	21.0	21.0	21.0	0	21.0	20.5	20.5	20.5	0	20.7
		8	4	21.0	21.0	21.0	0	21.0	20.5	20.5	20.5	0	20.7
		8	7	21.0	21.0	21.0	0	21.0	20.5	20.5	20.5	0	20.7
		15	0	21.0	21.0	21.0	0	21.0	20.5	20.5	20.5	0	20.7
	16QAM	1	0	21.0	21.0	21.0	0	21.0	20.5	20.5	20.5	0	20.7
		1	8	21.0	21.0	21.0	0	21.0	20.5	20.5	20.5	0	20.7
		1	14	21.0	21.0	21.0	0	21.0	20.5	20.5	20.5	0	20.7
		8	0	21.0	21.0	21.0	0	21.0	20.5	20.5	20.5	0	20.7
		8	4	21.0	21.0	21.0	0	21.0	20.5	20.5	20.5	0	20.7
		8	7	21.0	21.0	21.0	0	21.0	20.5	20.5	20.5	0	20.7
		15	0	21.0	21.0	21.0	0	21.0	20.5	20.5	20.5	0	20.7
	64QAM	1	0	20.9	20.9	20.8	0	21.0	20.7	20.6	20.4	0	20.7
		1	8	20.9	20.9	20.8	0	21.0	20.6	20.6	20.5	0	20.7
		1	14	20.9	20.9	20.7	0	21.0	20.7	20.6	20.4	0	20.7
		8	0	20.9	21.0	20.9	0	21.0	20.7	20.6	20.5	0	20.7
		8	4	20.9	21.0	20.9	0	21.0	20.7	20.7	20.5	0	20.7
		8	7	20.9	20.9	20.9	0	21.0	20.6	20.6	20.5	0	20.7
		15	0	21.0	21.0	20.8	0	21.0	20.7	20.7	20.4	0	20.7
	256QAM	1	0	20.5	20.5	20.4	0.5	20.5	20.4	20.5	20.4	0.2	20.5
		1	8	20.5	20.5	20.5	0.5	20.5	20.5	20.5	20.4	0.2	20.5
		1	14	20.5	20.5	20.4	0.5	20.5	20.5	20.5	20.3	0.2	20.5
		8	0	20.5	20.5	20.3	0.5	20.5	20.5	20.5	20.2	0.2	20.5
		8	4	20.5	20.5	20.3	0.5	20.5	20.5	20.5	20.3	0.2	20.5
		8	7	20.5	20.5	20.3	0.5	20.5	20.5	20.5	20.3	0.2	20.5
		15	0	20.5	20.5	20.3	0.5	20.5	20.5	20.5	20.2	0.2	20.5

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)					Power Mode B (dBm)				
				131979	132322	132665	MPR	Max Output Pwr	131979	132322	132665	MPR	Max Output Pwr
				1710.7 MHz	1745 MHz	1779.3 MHz			1710.7 MHz	1745 MHz	1779.3 MHz		
1.4	QPSK	1	0	20.9	21.0	21.0	0	21.0	20.5	20.5	20.5	0	20.7
		1	3	20.9	21.0	21.0	0	21.0	20.5	20.5	20.5	0	20.7
		1	5	20.9	21.0	21.0	0	21.0	20.5	20.5	20.5	0	20.7
		3	0	20.9	21.0	21.0	0	21.0	20.5	20.5	20.5	0	20.7
		3	1	20.9	21.0	21.0	0	21.0	20.5	20.5	20.5	0	20.7
		3	3	20.9	21.0	21.0	0	21.0	20.5	20.5	20.5	0	20.7
		6	0	20.9	21.0	21.0	0	21.0	20.5	20.5	20.5	0	20.7
	16QAM	1	0	21.0	21.0	21.0	0	21.0	20.5	20.5	20.5	0	20.7
		1	3	21.0	21.0	21.0	0	21.0	20.5	20.5	20.5	0	20.7
		1	5	21.0	21.0	21.0	0	21.0	20.5	20.5	20.5	0	20.7
		3	0	21.0	21.0	21.0	0	21.0	20.5	20.5	20.5	0	20.7
		3	1	21.0	21.0	21.0	0	21.0	20.5	20.5	20.5	0	20.7
		3	3	21.0	21.0	21.0	0	21.0	20.5	20.5	20.5	0	20.7
		6	0	21.0	21.0	21.0	0	21.0	20.5	20.5	20.5	0	20.7
	64QAM	1	0	20.9	20.9	21.0	0	21.0	20.6	20.6	20.5	0	20.7
		1	3	20.9	20.9	20.9	0	21.0	20.7	20.6	20.6	0	20.7
		1	5	20.9	20.9	20.8	0	21.0	20.6	20.6	20.5	0	20.7
		3	0	21.0	20.9	20.8	0	21.0	20.6	20.6	20.6	0	20.7
		3	1	21.0	20.9	20.8	0	21.0	20.6	20.6	20.6	0	20.7
		3	3	21.0	20.9	20.7	0	21.0	20.6	20.6	20.6	0	20.7
		6	0	21.0	21.0	20.3	0	21.0	20.7	20.7	20.4	0	20.7
	256QAM	1	0	20.4	20.5	20.4	0.5	20.5	20.5	20.5	20.4	0.2	20.5
		1	3	20.5	20.5	20.4	0.5	20.5	20.5	20.5	20.4	0.2	20.5
		1	5	20.5	20.5	20.3	0.5	20.5	20.5	20.5	20.3	0.2	20.5
		3	0	20.5	20.5	20.3	0.5	20.5	20.5	20.5	20.3	0.2	20.5
		3	1	20.5	20.5	20.3	0.5	20.5	20.5	20.5	20.3	0.2	20.5
		3	3	20.5	20.5	20.2	0.5	20.5	20.5	20.5	20.3	0.2	20.5
		6	0	20.5	20.5	20.4	0.5	20.5	20.5	20.5	20.2	0.2	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	Max Output Pwr	132072	132322	132572	MPR	Max Output Pwr
				1720 MHz	1745 MHz	1770 MHz			1720 MHz	1745 MHz	1770 MHz		
20	QPSK	1	0	19.7	19.7	19.7	0	20.5	18.6	18.5	18.4	0	19.5
		1	49	19.7	19.7	19.9	0	20.5	18.7	18.5	18.4	0	19.5
		1	99	19.7	19.7	19.6	0	20.5	18.6	18.5	18.4	0	19.5
		50	0	19.8	19.7	19.7	0	20.5	18.6	18.5	18.5	0	19.5
		50	24	19.8	19.8	20.0	0	20.5	18.7	18.5	18.5	0	19.5
		50	50	19.8	19.7	19.8	0	20.5	18.6	18.5	18.5	0	19.5
		100	0	19.6	19.7	19.7	0	20.5	18.5	18.5	18.4	0	19.5
	16QAM	1	0	20.0	20.0	20.0	0	20.5	18.8	18.8	18.8	0	19.5
		1	49	20.0	20.0	20.0	0	20.5	18.8	18.8	18.8	0	19.5
		1	99	20.0	20.0	19.9	0	20.5	18.8	18.8	18.7	0	19.5
		50	0	19.8	19.7	19.8	0	20.5	18.6	18.5	18.5	0	19.5
		50	24	19.9	19.8	19.8	0	20.5	18.7	18.6	18.5	0	19.5
		50	50	19.9	19.8	19.8	0	20.5	18.7	18.6	18.6	0	19.5
		100	0	19.9	19.8	19.7	0	20.5	18.7	18.6	18.5	0	19.5
	64QAM	1	0	19.8	19.6	19.5	0	20.5	18.3	18.3	18.5	0	19.5
		1	49	19.8	19.6	19.6	0	20.5	18.4	18.4	18.5	0	19.5
		1	99	19.8	19.6	19.5	0	20.5	18.3	18.5	18.4	0	19.5
		50	0	19.7	19.5	19.5	0	20.5	18.3	18.2	18.5	0	19.5
		50	24	19.7	19.5	19.5	0	20.5	18.3	18.3	18.5	0	19.5
		50	50	19.7	19.5	19.6	0	20.5	18.4	18.3	18.4	0	19.5
		100	0	19.7	19.5	19.5	0	20.5	18.3	18.3	18.4	0	19.5
	256QAM	1	0	18.7	18.7	18.7	1.3	19.2	18.4	18.3	18.3	0.3	19.2
		1	49	18.7	18.7	18.7	1.3	19.2	18.5	18.3	18.4	0.3	19.2
		1	99	18.7	18.7	18.7	1.3	19.2	18.5	18.4	18.4	0.3	19.2
		50	0	18.7	18.7	18.7	1.3	19.2	18.3	18.2	18.5	0.3	19.2
		50	24	18.7	18.7	18.7	1.3	19.2	18.3	18.3	18.5	0.3	19.2
		50	50	18.7	18.7	18.7	1.3	19.2	18.4	18.3	18.4	0.3	19.2
		100	0	18.7	18.7	18.7	1.3	19.2	18.3	18.3	18.5	0.3	19.2

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)					Power Mode B (dBm)				
				132047	132322	132597	MPR	Max Output Pwr	132047	132322	132597	MPR	Max Output Pwr
				1717.5 MHz	1745 MHz	1772.5 MHz			1717.5 MHz	1745 MHz	1772.5 MHz		
15	QPSK	1	0	19.8	19.6	19.7	0	20.5	18.6	18.5	18.5	0	19.5
		1	37	19.8	19.6	19.7	0	20.5	18.6	18.5	18.5	0	19.5
		1	74	19.8	19.6	19.7	0	20.5	18.5	18.4	18.4	0	19.5
		36	0	19.8	19.7	19.7	0	20.5	18.6	18.5	18.5	0	19.5
		36	20	19.8	19.7	19.7	0	20.5	18.6	18.5	18.5	0	19.5
		36	39	19.9	19.7	19.8	0	20.5	18.7	18.5	18.6	0	19.5
		75	0	19.9	19.8	19.7	0	20.5	18.7	18.6	18.5	0	19.5
	16QAM	1	0	20.0	20.0	19.9	0	20.5	18.8	18.8	18.7	0	19.5
		1	37	20.0	20.0	20.0	0	20.5	18.8	18.8	18.8	0	19.5
		1	74	20.0	19.9	19.9	0	20.5	18.8	18.8	18.7	0	19.5
		36	0	19.8	19.7	19.8	0	20.5	18.6	18.5	18.5	0	19.5
		36	20	19.9	19.8	19.7	0	20.5	18.7	18.6	18.5	0	19.5
		36	39	19.9	19.8	19.8	0	20.5	18.7	18.6	18.6	0	19.5
		75	0	19.9	19.8	19.7	0	20.5	18.7	18.6	18.5	0	19.5
	64QAM	1	0	19.7	19.6	19.6	0	20.5	18.4	18.3	18.6	0	19.5
		1	37	19.7	19.6	19.7	0	20.5	18.5	18.3	18.6	0	19.5
		1	74	19.8	19.6	19.6	0	20.5	18.4	18.3	18.6	0	19.5
		36	0	19.7	19.4	19.5	0	20.5	18.3	18.2	18.5	0	19.5
		36	20	19.7	19.5	19.5	0	20.5	18.4	18.3	18.5	0	19.5
		36	39	19.7	19.5	19.6	0	20.5	18.4	18.3	18.5	0	19.5
		75	0	19.7	19.5	19.5	0	20.5	18.3	18.3	18.5	0	19.5
	256QAM	1	0	18.7	18.7	18.7	1.3	19.2	18.2	18.3	18.4	0.3	19.2
		1	37	18.7	18.7	18.7	1.3	19.2	18.3	18.4	18.5	0.3	19.2
		1	74	18.7	18.7	18.7	1.3	19.2	18.3	18.3	18.5	0.3	19.2
		36	0	18.7	18.7	18.7	1.3	19.2	18.3	18.2	18.5	0.3	19.2
		36	20	18.7	18.7	18.7	1.3	19.2	18.4	18.3	18.5	0.3	19.2
		36	39	18.7	18.7	18.7	1.3	19.2	18.4	18.3	18.4	0.3	19.2
		75	0	18.7	18.7	18.7	1.3	19.2	18.3	18.3	18.4	0.3	19.2

LTE Band 66 Measured Results (ANT4) (continued)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)					Power Mode B (dBm)				
				132022	132322	132622	MPR	Max Output Pwr	132022	132322	132622	MPR	Max Output Pwr
				1715 MHz	1745 MHz	1775 MHz			1715 MHz	1745 MHz	1775 MHz		
10	QPSK	1	0	20.0	19.7	19.9	0	20.5	18.8	18.6	18.7	0	19.5
		1	25	20.0	19.8	19.9	0	20.5	18.8	18.7	18.7	0	19.5
		1	49	19.9	19.8	19.9	0	20.5	18.8	18.6	18.6	0	19.5
		25	0	19.9	19.8	19.8	0	20.5	18.8	18.6	18.7	0	19.5
		25	12	20.0	19.9	19.9	0	20.5	18.8	18.7	18.7	0	19.5
		25	25	20.0	19.9	19.9	0	20.5	18.8	18.7	18.8	0	19.5
		50	0	20.0	19.9	19.8	0	20.5	18.8	18.7	18.7	0	19.5
	16QAM	1	0	20.0	20.0	20.0	0	20.5	18.8	18.8	18.8	0	19.5
		1	25	20.0	20.0	20.0	0	20.5	18.8	18.8	18.8	0	19.5
		1	49	20.0	20.0	20.0	0	20.5	18.8	18.8	18.8	0	19.5
		25	0	20.0	19.9	19.9	0	20.5	18.8	18.7	18.7	0	19.5
		25	12	20.0	20.0	19.9	0	20.5	18.8	18.8	18.8	0	19.5
		25	25	20.0	19.9	19.9	0	20.5	18.8	18.8	18.8	0	19.5
		50	0	20.0	19.9	19.9	0	20.5	18.8	18.7	18.7	0	19.5
	64QAM	1	0	20.0	19.7	19.8	0	20.5	18.7	18.5	18.8	0	19.5
		1	25	20.0	19.8	19.9	0	20.5	18.8	18.6	18.8	0	19.5
		1	49	20.0	19.7	19.9	0	20.5	18.7	18.5	18.8	0	19.5
		25	0	19.9	19.6	19.6	0	20.5	18.5	18.4	18.6	0	19.5
		25	12	19.9	19.7	19.7	0	20.5	18.5	18.5	18.7	0	19.5
		25	25	19.9	19.7	19.8	0	20.5	18.6	18.4	18.6	0	19.5
		50	0	19.9	19.7	19.6	0	20.5	18.5	18.4	18.6	0	19.5
	256QAM	1	0	18.7	18.7	18.7	1.3	19.2	18.5	18.5	18.5	0.3	19.2
		1	25	18.7	18.7	18.7	1.3	19.2	18.5	18.5	18.5	0.3	19.2
		1	49	18.7	18.7	18.7	1.3	19.2	18.5	18.5	18.5	0.3	19.2
		25	0	18.7	18.7	18.7	1.3	19.2	18.5	18.4	18.5	0.3	19.2
		25	12	18.7	18.7	18.7	1.3	19.2	18.5	18.5	18.5	0.3	19.2
		25	25	18.7	18.7	18.7	1.3	19.2	18.5	18.5	18.5	0.3	19.2
		50	0	18.7	18.7	18.7	1.3	19.2	18.5	18.5	18.5	0.3	19.2

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)					Power Mode B (dBm)				
				131997	132322	132647	MPR	Max Output Pwr	131997	132322	132647	MPR	Max Output Pwr
				1712.5 MHz	1745 MHz	1777.5 MHz			1712.5 MHz	1745 MHz	1777.5 MHz		
5	QPSK	1	0	20.0	19.8	19.9	0	20.5	18.8	18.6	18.7	0	19.5
		1	12	20.0	19.9	19.9	0	20.5	18.8	18.7	18.7	0	19.5
		1	24	20.0	19.8	19.8	0	20.5	18.8	18.6	18.7	0	19.5
		12	0	20.0	19.8	19.9	0	20.5	18.8	18.6	18.7	0	19.5
		12	7	20.0	19.9	20.0	0	20.5	18.8	18.7	18.8	0	19.5
		12	13	20.0	19.9	19.9	0	20.5	18.8	18.7	18.7	0	19.5
		25	0	20.0	19.9	19.9	0	20.5	18.8	18.7	18.7	0	19.5
	16QAM	1	0	20.0	20.0	20.0	0	20.5	18.8	18.8	18.8	0	19.5
		1	12	20.0	20.0	20.0	0	20.5	18.8	18.8	18.8	0	19.5
		1	24	20.0	20.0	20.0	0	20.5	18.8	18.8	18.8	0	19.5
		12	0	20.0	19.9	20.0	0	20.5	18.8	18.6	18.8	0	19.5
		12	7	20.0	20.0	20.0	0	20.5	18.8	18.7	18.8	0	19.5
		12	13	20.0	19.9	20.0	0	20.5	18.7	18.7	18.8	0	19.5
		25	0	20.0	19.9	20.0	0	20.5	18.8	18.8	18.8	0	19.5
	64QAM	1	0	19.9	19.8	19.8	0	20.5	18.6	18.6	18.7	0	19.5
		1	12	20.0	19.9	19.9	0	20.5	18.7	18.6	18.8	0	19.5
		1	24	19.9	19.8	19.8	0	20.5	18.6	18.6	18.7	0	19.5
		12	0	19.9	19.7	19.7	0	20.5	18.6	18.4	18.6	0	19.5
		12	7	19.9	19.7	19.8	0	20.5	18.6	18.5	18.7	0	19.5
		12	13	19.9	19.7	19.8	0	20.5	18.6	18.4	18.6	0	19.5
		25	0	19.9	19.7	19.7	0	20.5	18.6	18.5	18.6	0	19.5
	256QAM	1	0	18.7	18.7	18.7	1.3	19.2	18.5	18.5	18.5	0.3	19.2
		1	12	18.7	18.7	18.7	1.3	19.2	18.5	18.5	18.5	0.3	19.2
		1	24	18.7	18.7	18.7	1.3	19.2	18.5	18.5	18.5	0.3	19.2
		12	0	18.7	18.7	18.7	1.3	19.2	18.5	18.5	18.5	0.3	19.2
		12	7	18.7	18.7	18.7	1.3	19.2	18.5	18.5	18.5	0.3	19.2
		12	13	18.7	18.7	18.7	1.3	19.2	18.5	18.5	18.5	0.3	19.2
		25	0	18.7	18.7	18.7	1.3	19.2	18.5	18.5	18.5	0.3	19.2

LTE Band 66 Measured Results (ANT4) (continued)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)					Power Mode B (dBm)				
				131987	132322	132657	MPR	Max Output Pwr	131987	132322	132657	MPR	Max Output Pwr
				1711.5 MHz	1745 MHz	1778.5 MHz			1711.5 MHz	1745 MHz	1778.5 MHz		
3	QPSK	1	0	20.0	19.8	19.8	0	20.5	18.8	18.6	18.7	0	19.5
		1	8	20.0	19.9	19.9	0	20.5	18.8	18.6	18.7	0	19.5
		1	14	19.9	19.8	19.8	0	20.5	18.8	18.6	18.6	0	19.5
		8	0	20.0	19.9	19.9	0	20.5	18.8	18.7	18.7	0	19.5
		8	4	20.0	19.9	19.9	0	20.5	18.8	18.7	18.7	0	19.5
		8	7	20.0	19.9	19.9	0	20.5	18.8	18.7	18.7	0	19.5
		15	0	20.0	19.9	19.9	0	20.5	18.8	18.7	18.7	0	19.5
	16QAM	1	0	20.0	20.0	20.0	0	20.5	18.8	18.8	18.8	0	19.5
		1	8	20.0	20.0	20.0	0	20.5	18.8	18.8	18.8	0	19.5
		1	14	20.0	20.0	20.0	0	20.5	18.8	18.8	18.8	0	19.5
		8	0	20.0	19.9	20.0	0	20.5	18.8	18.8	18.8	0	19.5
		8	4	20.0	20.0	20.0	0	20.5	18.8	18.8	18.8	0	19.5
		8	7	20.0	20.0	20.0	0	20.5	18.8	18.8	18.8	0	19.5
		15	0	20.0	20.0	19.9	0	20.5	18.8	18.7	18.8	0	19.5
	64QAM	1	0	19.6	19.7	19.6	0	20.5	18.7	18.5	18.7	0	19.5
		1	8	19.7	19.7	19.6	0	20.5	18.8	18.6	18.8	0	19.5
		1	14	19.7	19.6	19.6	0	20.5	18.7	18.5	18.8	0	19.5
		8	0	19.6	19.6	19.5	0	20.5	18.6	18.5	18.7	0	19.5
		8	4	19.6	19.6	19.5	0	20.5	18.6	18.5	18.7	0	19.5
		8	7	19.6	19.5	19.5	0	20.5	18.6	18.5	18.7	0	19.5
		15	0	19.6	19.6	19.5	0	20.5	18.6	18.5	18.6	0	19.5
	256QAM	1	0	18.7	18.7	18.7	1.3	19.2	18.5	18.5	18.5	0.3	19.2
		1	8	18.7	18.7	18.7	1.3	19.2	18.5	18.5	18.5	0.3	19.2
		1	14	18.7	18.7	18.7	1.3	19.2	18.5	18.5	18.5	0.3	19.2
		8	0	18.7	18.7	18.7	1.3	19.2	18.5	18.4	18.5	0.3	19.2
		8	4	18.7	18.7	18.7	1.3	19.2	18.5	18.5	18.5	0.3	19.2
		8	7	18.7	18.7	18.7	1.3	19.2	18.5	18.5	18.5	0.3	19.2
		15	0	18.7	18.7	18.7	1.3	19.2	18.5	18.4	18.5	0.3	19.2

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)					Power Mode B (dBm)				
				131979	132322	132665	MPR	Max Output Pwr	131979	132322	132665	MPR	Max Output Pwr
				1710.7 MHz	1745 MHz	1779.3 MHz			1710.7 MHz	1745 MHz	1779.3 MHz		
1.4	QPSK	1	0	19.9	19.8	19.8	0	20.5	18.8	18.7	18.6	0	19.5
		1	3	20.0	19.8	19.8	0	20.5	18.8	18.7	18.7	0	19.5
		1	5	19.9	19.8	19.8	0	20.5	18.8	18.6	18.7	0	19.5
		3	0	20.0	19.8	19.8	0	20.5	18.8	18.6	18.7	0	19.5
		3	1	19.9	19.8	19.8	0	20.5	18.8	18.6	18.7	0	19.5
		3	3	19.9	19.8	19.8	0	20.5	18.8	18.7	18.7	0	19.5
		6	0	20.0	19.8	19.8	0	20.5	18.8	18.6	18.7	0	19.5
	16QAM	1	0	20.0	20.0	20.0	0	20.5	18.8	18.8	18.8	0	19.5
		1	3	20.0	20.0	19.7	0	20.5	18.8	18.8	18.8	0	19.5
		1	5	20.0	20.0	20.0	0	20.5	18.8	18.8	18.8	0	19.5
		3	0	20.0	20.0	19.9	0	20.5	18.8	18.8	18.8	0	19.5
		3	1	20.0	20.0	19.9	0	20.5	18.8	18.8	18.8	0	19.5
		3	3	20.0	20.0	19.9	0	20.5	18.8	18.8	18.8	0	19.5
		6	0	20.0	19.9	19.8	0	20.5	18.8	18.7	18.8	0	19.5
	64QAM	1	0	20.0	19.8	20.0	0	20.5	18.7	18.6	18.8	0	19.5
		1	3	20.0	19.9	20.0	0	20.5	18.7	18.8	18.8	0	19.5
		1	5	20.0	19.8	20.0	0	20.5	18.6	18.6	18.8	0	19.5
		3	0	20.0	19.8	19.9	0	20.5	18.6	18.5	18.7	0	19.5
		3	1	20.0	19.8	19.9	0	20.5	18.6	18.6	18.7	0	19.5
		3	3	20.0	19.8	19.9	0	20.5	18.6	18.6	18.7	0	19.5
		6	0	19.9	19.7	19.8	0	20.5	18.6	18.4	18.6	0	19.5
	256QAM	1	0	18.7	18.7	18.7	1.3	19.2	18.5	18.5	18.5	0.3	19.2
		1	3	18.7	18.7	18.7	1.3	19.2	18.5	18.5	18.5	0.3	19.2
		1	5	18.7	18.7	18.7	1.3	19.2	18.5	18.5	18.5	0.3	19.2
		3	0	18.7	18.7	18.7	1.3	19.2	18.5	18.5	18.5	0.3	19.2
		3	1	18.7	18.7	18.7	1.3	19.2	18.5	18.5	18.5	0.3	19.2
		3	3	18.7	18.7	18.7	1.3	19.2	18.5	18.5	18.5	0.3	19.2
		6	0	18.7	18.7	18.7	1.3	19.2	18.5	18.5	18.5	0.3	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	Max Output Pwr	133297 / 680.5 MHz	MPR	Max Output Pwr
20	QPSK	1	0	25.0	0	25.7	25.0	0	25.7
		1	49	25.0	0	25.7	25.0	0	25.7
		1	99	25.0	0	25.7	25.0	0	25.7
		50	0	24.1	1	24.7	24.1	1	24.7
		50	24	24.2	1	24.7	24.2	1	24.7
		50	50	24.2	1	24.7	24.2	1	24.7
		100	0	24.1	1	24.7	24.1	1	24.7
	16QAM	1	0	24.2	1	24.7	24.2	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	23.1	2	23.7	23.1	2	23.7
		50	24	23.2	2	23.7	23.2	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	23.2	2	23.7	23.2	2	23.7
		1	49	23.3	2	23.7	23.3	2	23.7
		1	99	23.3	2	23.7	23.3	2	23.7
		50	0	22.1	3	22.7	22.1	3	22.7
		50	24	22.2	3	22.7	22.2	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	20.3	5	20.7	20.3	5	20.7
		1	99	20.4	5	20.7	20.4	5	20.7
		50	0	20.1	5	20.7	20.1	5	20.7
		50	24	20.1	5	20.7	20.1	5	20.7
		50	50	20.2	5	20.7	20.2	5	20.7
		100	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)		
				133297 / 680.5 MHz	MPR	Max Output Pwr	133297 / 680.5 MHz	MPR	Max Output Pwr
15	QPSK	1	0	25.0	0	25.7	25.0	0	25.7
		1	37	25.0	0	25.7	25.0	0	25.7
		1	74	25.0	0	25.7	25.0	0	25.7
		36	0	24.1	1	24.7	24.1	1	24.7
		36	20	24.2	1	24.7	24.2	1	24.7
		36	39	24.1	1	24.7	24.1	1	24.7
		75	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	37	24.5	1	24.7	24.5	1	24.7
		1	74	24.4	1	24.7	24.4	1	24.7
		36	0	23.1	2	23.7	23.1	2	23.7
		36	20	23.2	2	23.7	23.2	2	23.7
		36	39	23.1	2	23.7	23.1	2	23.7
		75	0	23.2	2	23.7	23.2	2	23.7
	64QAM	1	0	23.2	2	23.7	23.2	2	23.7
		1	37	23.2	2	23.7	23.2	2	23.7
		1	74	23.2	2	23.7	23.2	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	20.1	5	20.7	20.1	5	20.7
		1	37	20.2	5	20.7	20.2	5	20.7
		1	74	20.2	5	20.7	20.2	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	Max Output Pwr	133172	133297	133422	MPR	Max Output Pwr
				668 MHz	680.5 MHz	693 MHz			668 MHz	680.5 MHz	693 MHz		
10	QPSK	1	0	24.4	25.2	25.2	0	25.7	24.4	25.2	25.2	0	25.7
		1	25	25.3	25.2	25.3	0	25.7	25.3	25.2	25.3	0	25.7
		1	49	25.2	25.2	25.2	0	25.7	25.2	25.2	25.2	0	25.7
		25	0	24.3	24.2	24.3	1	24.7	24.3	24.2	24.3	1	24.7
		25	12	24.4	24.3	24.3	1	24.7	24.4	24.3	24.3	1	24.7
		25	25	24.3	24.3	24.3	1	24.7	24.3	24.3	24.3	1	24.7
		50	0	24.4	24.3	24.2	1	24.7	24.4	24.3	24.2	1	24.7
	16QAM	1	0	24.6	24.5	24.5	1	24.7	24.6	24.5	24.5	1	24.7
		1	25	24.6	24.5	24.5	1	24.7	24.6	24.5	24.5	1	24.7
		1	49	24.5	24.5	24.5	1	24.7	24.5	24.5	24.5	1	24.7
		25	0	23.3	23.3	23.3	2	23.7	23.3	23.3	23.3	2	23.7
		25	12	23.4	23.4	23.3	2	23.7	23.4	23.4	23.3	2	23.7
		25	25	23.4	23.3	23.3	2	23.7	23.4	23.3	23.3	2	23.7
		50	0	23.4	23.3	23.3	2	23.7	23.4	23.3	23.3	2	23.7
	64QAM	1	0	23.5	23.5	23.4	2	23.7	23.5	23.5	23.4	2	23.7
		1	25	23.6	23.5	23.5	2	23.7	23.6	23.5	23.5	2	23.7
		1	49	23.4	23.5	23.4	2	23.7	23.4	23.5	23.4	2	23.7
		25	0	22.4	22.3	22.3	3	22.7	22.4	22.3	22.3	3	22.7
		25	12	22.4	22.3	22.3	3	22.7	22.4	22.3	22.3	3	22.7
		25	25	22.4	22.3	22.3	3	22.7	22.4	22.3	22.3	3	22.7
		50	0	22.4	22.3	22.3	3	22.7	22.4	22.3	22.3	3	22.7
	256QAM	1	0	20.5	20.4	20.4	5	20.7	20.5	20.4	20.4	5	20.7
		1	25	20.6	20.5	20.6	5	20.7	20.6	20.5	20.6	5	20.7
		1	49	20.5	20.5	20.5	5	20.7	20.5	20.5	20.5	5	20.7
		25	0	20.4	20.3	20.3	5	20.7	20.4	20.3	20.3	5	20.7
		25	12	20.5	20.4	20.3	5	20.7	20.5	20.4	20.3	5	20.7
		25	25	20.4	20.3	20.4	5	20.7	20.4	20.3	20.4	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)				
				133147	133297	133447	MPR	Max Output Pwr	133147	133297	133447	MPR	Max Output Pwr
				665.5 MHz	680.5 MHz	695.5 MHz			665.5 MHz	680.5 MHz	695.5 MHz		
5	QPSK	1	0	25.2	25.1	25.3	0	25.7	25.2	25.1	25.3	0	25.7
		1	12	25.2	25.2	25.4	0	25.7	25.2	25.2	25.4	0	25.7
		1	24	25.2	25.2	25.3	0	25.7	25.2	25.2	25.3	0	25.7
		12	0	24.2	24.2	24.3	1	24.7	24.2	24.2	24.3	1	24.7
		12	7	24.2	24.3	24.4	1	24.7	24.2	24.3	24.4	1	24.7
		12	13	24.2	24.2	24.3	1	24.7	24.2	24.2	24.3	1	24.7
		25	0	24.2	24.2	24.4	1	24.7	24.2	24.2	24.4	1	24.7
	16QAM	1	0	24.5	24.5	24.7	1	24.7	24.5	24.5	24.7	1	24.7
		1	12	24.6	24.6	24.7	1	24.7	24.6	24.6	24.7	1	24.7
		1	24	24.5	24.6	24.7	1	24.7	24.5	24.6	24.7	1	24.7
		12	0	23.3	23.2	23.4	2	23.7	23.3	23.2	23.4	2	23.7
		12	7	23.3	23.3	23.5	2	23.7	23.3	23.3	23.5	2	23.7
		12	13	23.3	23.2	23.5	2	23.7	23.3	23.2	23.5	2	23.7
		25	0	23.3	23.3	23.4	2	23.7	23.3	23.3	23.4	2	23.7
	64QAM	1	0	23.4	23.4	23.5	2	23.7	23.4	23.4	23.5	2	23.7
		1	12	23.4	23.5	23.5	2	23.7	23.4	23.5	23.5	2	23.7
		1	24	23.3	23.4	23.5	2	23.7	23.3	23.4	23.5	2	23.7
		12	0	22.3	22.2	22.3	3	22.7	22.3	22.2	22.3	3	22.7
		12	7	22.3	22.3	22.4	3	22.7	22.3	22.3	22.4	3	22.7
		12	13	22.3	22.3	22.4	3	22.7	22.3	22.3	22.4	3	22.7
		25	0	22.3	22.3	22.4	3	22.7	22.3	22.3	22.4	3	22.7
	256QAM	1	0	20.3	20.3	20.5	5	20.7	20.3	20.3	20.5	5	20.7
		1	12	20.4	20.5	20.6	5	20.7	20.4	20.5	20.6	5	20.7
		1	24	20.3	20.4	20.6	5	20.7	20.3	20.4	20.6	5	20.7
		12	0	20.3	20.2	20.4	5	20.7	20.3	20.2	20.4	5	20.7
		12	7	20.3	20.3	20.5	5	20.7	20.3	20.3	20.5	5	20.7
		12	13	20.3	20.3	20.4	5	20.7	20.3	20.3	20.4	5	20.7
		25	0	20.3	20.3	20.4	5	20.7	20.3	20.3	20.4	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	Max Output Pwr	133297 / 680.5 MHz	MPR	Max Output Pwr
20	QPSK	1	0	23.5	0	24.2	23.9	0	24.7
		1	49	23.6	0	24.2	24.3	0	24.7
		1	99	23.6	0	24.2	24.2	0	24.7
		50	0	23.1	0.5	23.7	23.0	1	23.7
		50	24	23.3	0.5	23.7	23.0	1	23.7
		50	50	23.3	0.5	23.7	23.0	1	23.7
		100	0	23.2	0.5	23.7	23.1	1	23.7
	16QAM	1	0	23.2	0.5	23.7	23.2	1	23.7
		1	49	23.4	0.5	23.7	23.3	1	23.7
		1	99	23.5	0.5	23.7	23.4	1	23.7
		50	0	22.2	1.5	22.7	22.1	2	22.7
		50	24	22.3	1.5	22.7	22.2	2	22.7
		50	50	22.3	1.5	22.7	22.3	2	22.7
		100	0	22.3	1.5	22.7	22.2	2	22.7
	64QAM	1	0	22.2	1.5	22.7	22.0	2	22.7
		1	49	22.4	1.5	22.7	22.1	2	22.7
		1	99	22.4	1.5	22.7	22.3	2	22.7
		50	0	21.1	2.5	21.7	21.0	3	21.7
		50	24	21.2	2.5	21.7	21.1	3	21.7
		50	50	21.2	2.5	21.7	21.2	3	21.7
		100	0	21.2	2.5	21.7	21.1	3	21.7
	256QAM	1	0	19.1	4.5	19.7	19.1	5	19.7
		1	49	19.2	4.5	19.7	19.2	5	19.7
		1	99	19.5	4.5	19.7	19.6	5	19.7
		50	0	19.0	4.5	19.7	19.0	5	19.7
		50	24	19.2	4.5	19.7	19.1	5	19.7
		50	50	19.2	4.5	19.7	19.2	5	19.7
		100	0	19.2	4.5	19.7	19.1	5	19.7

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)			Power Mode B (dBm)		
				133297 / 680.5 MHz	MPR	Max Output Pwr	133297 / 680.5 MHz	MPR	Max Output Pwr
15	QPSK	1	0	23.4	0	24.2	23.9	0	24.7
		1	37	23.5	0	24.2	24.0	0	24.7
		1	74	23.6	0	24.2	24.1	0	24.7
		36	0	23.2	0.5	23.7	23.2	1	23.7
		36	20	23.2	0.5	23.7	23.1	1	23.7
		36	39	23.3	0.5	23.7	23.2	1	23.7
		75	0	23.3	0.5	23.7	23.2	1	23.7
	16QAM	1	0	23.3	0.5	23.7	23.4	1	23.7
		1	37	23.3	0.5	23.7	23.5	1	23.7
		1	74	23.4	0.5	23.7	23.5	1	23.7
		36	0	22.2	1.5	22.7	22.1	2	22.7
		36	20	22.2	1.5	22.7	22.1	2	22.7
		36	39	22.3	1.5	22.7	22.2	2	22.7
		75	0	22.2	1.5	22.7	22.2	2	22.7
	64QAM	1	0	22.0	1.5	22.7	22.1	2	22.7
		1	37	22.2	1.5	22.7	22.2	2	22.7
		1	74	22.2	1.5	22.7	22.2	2	22.7
		36	0	21.1	2.5	21.7	21.1	3	21.7
		36	20	21.1	2.5	21.7	21.0	3	21.7
		36	39	21.2	2.5	21.7	21.1	3	21.7
		75	0	21.2	2.5	21.7	21.1	3	21.7
	256QAM	1	0	19.1	4.5	19.7	19.0	5	19.7
		1	37	19.2	4.5	19.7	19.2	5	19.7
		1	74	19.4	4.5	19.7	19.3	5	19.7
		36	0	19.1	4.5	19.7	19.1	5	19.7
		36	20	19.1	4.5	19.7	19.0	5	19.7
		36	39	19.2	4.5	19.7	19.1	5	19.7
		75	0	19.2	4.5	19.7	19.1	5	19.7

LTE Band 71 Measured Results (ANT2) (continued)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)					Power Mode B (dBm)				
				133172	133297	133422	MPR	Max Output Pwr	133172	133297	133422	MPR	Max Output Pwr
				668 MHz	680.5 MHz	693 MHz			668 MHz	680.5 MHz	693 MHz		
10	QPSK	1	0	23.6	23.6	23.8	0	24.2	24.1	24.2	24.3	0	24.7
		1	25	23.7	23.7	23.9	0	24.2	24.2	24.3	24.4	0	24.7
		1	49	23.7	23.8	23.9	0	24.2	24.2	24.3	24.4	0	24.7
		25	0	23.2	23.3	23.4	0.5	23.7	23.2	23.3	23.4	1	23.7
		25	12	23.3	23.4	23.4	0.5	23.7	23.3	23.3	23.4	1	23.7
		25	25	23.2	23.3	23.5	0.5	23.7	23.3	23.4	23.5	1	23.7
		50	0	23.3	23.3	23.4	0.5	23.7	23.3	23.3	23.4	1	23.7
	16QAM	1	0	23.4	23.5	23.7	0.5	23.7	23.4	23.5	23.7	1	23.7
		1	25	23.5	23.6	23.7	0.5	23.7	23.4	23.6	23.7	1	23.7
		1	49	23.5	23.6	23.7	0.5	23.7	23.4	23.7	23.7	1	23.7
		25	0	22.2	22.3	22.5	1.5	22.7	22.3	22.3	22.5	2	22.7
		25	12	22.3	22.4	22.5	1.5	22.7	22.3	22.3	22.5	2	22.7
		25	25	22.3	22.4	22.5	1.5	22.7	22.3	22.4	22.5	2	22.7
		50	0	22.3	22.4	22.5	1.5	22.7	22.3	22.4	22.4	2	22.7
	64QAM	1	0	22.2	22.3	22.5	1.5	22.7	22.2	22.3	22.5	2	22.7
		1	25	22.3	22.4	22.6	1.5	22.7	22.2	22.4	22.6	2	22.7
		1	49	22.3	22.4	22.5	1.5	22.7	22.2	22.4	22.5	2	22.7
		25	0	21.1	21.2	21.4	2.5	21.7	21.1	21.2	21.4	3	21.7
		25	12	21.2	21.2	21.4	2.5	21.7	21.2	21.2	21.4	3	21.7
		25	25	21.2	21.3	21.5	2.5	21.7	21.2	21.3	21.4	3	21.7
		50	0	21.2	21.3	21.4	2.5	21.7	21.2	21.2	21.3	3	21.7
	256QAM	1	0	19.1	19.2	19.5	4.5	19.7	19.1	19.2	19.4	5	19.7
		1	25	19.3	19.4	19.6	4.5	19.7	19.3	19.4	19.6	5	19.7
		1	49	19.3	19.5	19.6	4.5	19.7	19.3	19.5	19.5	5	19.7
		25	0	19.1	19.2	19.4	4.5	19.7	19.1	19.2	19.4	5	19.7
		25	12	19.2	19.2	19.4	4.5	19.7	19.2	19.2	19.4	5	19.7
		25	25	19.2	19.3	19.5	4.5	19.7	19.2	19.3	19.4	5	19.7
		50	0	19.2	19.3	19.4	4.5	19.7	19.2	19.3	19.4	5	19.7

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)					Power Mode B (dBm)				
				133147	133297	133447	MPR	Max Output Pwr	133147	133297	133447	MPR	Max Output Pwr
				665.5 MHz	680.5 MHz	695.5 MHz			665.5 MHz	680.5 MHz	695.5 MHz		
5	QPSK	1	0	23.6	23.7	23.8	0	24.2	24.0	24.2	24.3	0	24.7
		1	12	23.7	23.8	23.9	0	24.2	24.1	24.3	24.4	0	24.7
		1	24	23.6	23.7	23.8	0	24.2	24.1	24.2	24.3	0	24.7
		12	0	23.1	23.2	23.4	0.5	23.7	23.1	23.2	23.4	1	23.7
		12	7	23.2	23.3	23.4	0.5	23.7	23.2	23.2	23.5	1	23.7
		12	13	23.2	23.3	23.4	0.5	23.7	23.2	23.3	23.4	1	23.7
		25	0	23.2	23.3	23.4	0.5	23.7	23.2	23.3	23.4	1	23.7
	16QAM	1	0	23.5	23.5	23.7	0.5	23.7	23.4	23.5	23.7	1	23.7
		1	12	23.5	23.7	23.7	0.5	23.7	23.5	23.7	23.7	1	23.7
		1	24	23.4	23.5	23.7	0.5	23.7	23.5	23.6	23.7	1	23.7
		12	0	22.1	22.2	22.4	1.5	22.7	22.2	22.3	22.5	2	22.7
		12	7	22.2	22.3	22.5	1.5	22.7	22.3	22.3	22.5	2	22.7
		12	13	22.2	22.3	22.4	1.5	22.7	22.3	22.4	22.5	2	22.7
		25	0	22.2	22.3	22.4	1.5	22.7	22.2	22.3	22.5	2	22.7
	64QAM	1	0	22.3	22.4	22.5	1.5	22.7	22.3	22.3	22.4	2	22.7
		1	12	22.3	22.5	22.6	1.5	22.7	22.3	22.4	22.5	2	22.7
		1	24	22.3	22.4	22.5	1.5	22.7	22.3	22.3	22.4	2	22.7
		12	0	21.1	21.2	21.4	2.5	21.7	21.1	21.1	21.4	3	21.7
		12	7	21.2	21.2	21.5	2.5	21.7	21.2	21.2	21.4	3	21.7
		12	13	21.2	21.3	21.4	2.5	21.7	21.2	21.2	21.4	3	21.7
		25	0	21.2	21.3	21.4	2.5	21.7	21.1	21.2	21.4	3	21.7
	256QAM	1	0	19.1	19.2	19.5	4.5	19.7	19.1	19.2	19.6	5	19.7
		1	12	19.3	19.4	19.6	4.5	19.7	19.2	19.4	19.6	5	19.7
		1	24	19.2	19.3	19.5	4.5	19.7	19.2	19.3	19.5	5	19.7
		12	0	19.1	19.2	19.4	4.5	19.7	19.1	19.1	19.4	5	19.7
		12	7	19.2	19.2	19.5	4.5	19.7	19.2	19.2	19.4	5	19.7
		12	13	19.2	19.2	19.4	4.5	19.7	19.2	19.2	19.4	5	19.7
		25	0	19.2	19.2	19.4	4.5	19.7	19.1	19.2	19.4	5	19.7

LTE Band 71 Measured Results (ANT3)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm) 133297 680.5 MHz	MPR	Max Output Pwr	Power Mode B (dBm) 133297 680.5 MHz	MPR	Max Output Pwr
20	QPSK	1	0	24.8	0	25.4	24.8	0	25.4
		1	49	25.0	0	25.4	25.0	0	25.4
		1	99	25.0	0	25.4	25.0	0	25.4
		50	0	24.1	1	24.4	24.1	1	24.4
		50	24	24.2	1	24.4	24.2	1	24.4
		50	50	24.2	1	24.4	24.2	1	24.4
		100	0	24.2	1	24.4	24.2	1	24.4
	16QAM	1	0	24.3	1	24.4	24.3	1	24.4
		1	49	24.4	1	24.4	24.4	1	24.4
		1	99	24.4	1	24.4	24.4	1	24.4
		50	0	23.1	2	23.4	23.1	2	23.4
		50	24	23.2	2	23.4	23.2	2	23.4
		50	50	23.2	2	23.4	23.2	2	23.4
		100	0	23.2	2	23.4	23.2	2	23.4
	64QAM	1	0	23.1	2	23.4	23.1	2	23.4
		1	49	23.2	2	23.4	23.2	2	23.4
		1	99	23.1	2	23.4	23.1	2	23.4
		50	0	22.0	3	22.4	22.0	3	22.4
		50	24	22.1	3	22.4	22.1	3	22.4
		50	50	22.1	3	22.4	22.1	3	22.4
		100	0	22.1	3	22.4	22.1	3	22.4
	256QAM	1	0	20.1	5	20.4	20.1	5	20.4
		1	49	20.3	5	20.4	20.3	5	20.4
		1	99	20.4	5	20.4	20.4	5	20.4
		50	0	20.0	5	20.4	20.0	5	20.4
		50	24	20.1	5	20.4	20.1	5	20.4
		50	50	20.1	5	20.4	20.1	5	20.4
		100	0	20.1	5	20.4	20.1	5	20.4

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm) 133297 680.5 MHz	MPR	Max Output Pwr	Power Mode B (dBm) 133297 680.5 MHz	MPR	Max Output Pwr
15	QPSK	1	0	25.0	0	25.4	25.0	0	25.4
		1	37	25.0	0	25.4	25.0	0	25.4
		1	74	24.9	0	25.4	24.9	0	25.4
		36	0	24.1	1	24.4	24.1	1	24.4
		36	20	24.1	1	24.4	24.1	1	24.4
		36	39	24.0	1	24.4	24.0	1	24.4
		75	0	24.1	1	24.4	24.1	1	24.4
	16QAM	1	0	24.3	1	24.4	24.3	1	24.4
		1	37	24.3	1	24.4	24.3	1	24.4
		1	74	24.2	1	24.4	24.2	1	24.4
		36	0	23.1	2	23.4	23.1	2	23.4
		36	20	23.1	2	23.4	23.1	2	23.4
		36	39	23.1	2	23.4	23.1	2	23.4
		75	0	23.2	2	23.4	23.2	2	23.4
	64QAM	1	0	23.0	2	23.4	23.0	2	23.4
		1	37	23.1	2	23.4	23.1	2	23.4
		1	74	23.0	2	23.4	23.0	2	23.4
		36	0	21.9	3	22.4	21.9	3	22.4
		36	20	22.0	3	22.4	22.0	3	22.4
		36	39	21.9	3	22.4	21.9	3	22.4
		75	0	22.0	3	22.4	22.0	3	22.4
	256QAM	1	0	19.8	5	20.4	19.8	5	20.4
		1	37	20.0	5	20.4	20.0	5	20.4
		1	74	20.0	5	20.4	20.0	5	20.4
		36	0	19.9	5	20.4	19.9	5	20.4
		36	20	20.0	5	20.4	20.0	5	20.4
		36	39	19.9	5	20.4	19.9	5	20.4
		75	0	20.0	5	20.4	20.0	5	20.4

LTE Band 71 Measured Results (ANT3) (continued)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)					Power Mode B (dBm)				
				133172	133297	133422	MPR	Max Output Pwr	133172	133297	133422	MPR	Max Output Pwr
				668 MHz	680.5 MHz	693 MHz			668 MHz	680.5 MHz	693 MHz		
10	QPSK	1	0	25.2	25.0	25.1	0	25.4	25.2	25.0	25.1	0	25.4
		1	25	25.2	25.0	25.2	0	25.4	25.2	25.0	25.2	0	25.4
		1	49	25.1	25.1	25.1	0	25.4	25.1	25.1	25.1	0	25.4
		25	0	24.2	24.1	24.2	1	24.4	24.2	24.1	24.2	1	24.4
		25	12	24.2	24.2	24.2	1	24.4	24.2	24.2	24.2	1	24.4
		25	25	24.2	24.1	24.2	1	24.4	24.2	24.1	24.2	1	24.4
		50	0	24.2	24.2	24.2	1	24.4	24.2	24.2	24.2	1	24.4
	16QAM	1	0	24.4	24.4	24.4	1	24.4	24.4	24.4	24.4	1	24.4
		1	25	24.4	24.4	24.4	1	24.4	24.4	24.4	24.4	1	24.4
		1	49	24.3	24.4	24.4	1	24.4	24.3	24.4	24.4	1	24.4
		25	0	23.2	23.1	23.3	2	23.4	23.2	23.1	23.3	2	23.4
		25	12	23.3	23.2	23.3	2	23.4	23.3	23.2	23.3	2	23.4
		25	25	23.2	23.2	23.3	2	23.4	23.2	23.2	23.3	2	23.4
		50	0	23.2	23.2	23.2	2	23.4	23.2	23.2	23.2	2	23.4
	64QAM	1	0	23.3	23.3	23.3	2	23.4	23.3	23.3	23.3	2	23.4
		1	25	23.3	23.3	23.4	2	23.4	23.3	23.3	23.4	2	23.4
		1	49	23.3	23.3	23.3	2	23.4	23.3	23.3	23.3	2	23.4
		25	0	22.2	22.1	22.2	3	22.4	22.2	22.1	22.2	3	22.4
		25	12	22.2	22.2	22.2	3	22.4	22.2	22.2	22.2	3	22.4
		25	25	22.2	22.2	22.2	3	22.4	22.2	22.2	22.2	3	22.4
		50	0	22.2	22.2	22.1	3	22.4	22.2	22.2	22.1	3	22.4
	256QAM	1	0	20.3	20.3	20.3	5	20.4	20.3	20.3	20.3	5	20.4
		1	25	20.4	20.3	20.4	5	20.4	20.4	20.3	20.4	5	20.4
		1	49	20.2	20.4	20.3	5	20.4	20.2	20.4	20.3	5	20.4
		25	0	20.1	20.1	20.2	5	20.4	20.1	20.1	20.2	5	20.4
		25	12	20.2	20.2	20.2	5	20.4	20.2	20.2	20.2	5	20.4
		25	25	20.2	20.2	20.2	5	20.4	20.2	20.2	20.2	5	20.4
		50	0	20.2	20.2	20.1	5	20.4	20.2	20.2	20.1	5	20.4

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)					Power Mode B (dBm)				
				133147	133297	133447	MPR	Max Output Pwr	133147	133297	133447	MPR	Max Output Pwr
				665.5 MHz	680.5 MHz	695.5 MHz			665.5 MHz	680.5 MHz	695.5 MHz		
5	QPSK	1	0	24.2	25.0	24.1	0	25.4	24.2	25.0	24.1	0	25.4
		1	12	25.1	25.1	25.2	0	25.4	25.1	25.1	25.2	0	25.4
		1	24	25.1	25.1	25.1	0	25.4	25.1	25.1	25.1	0	25.4
		12	0	24.1	24.1	24.2	1	24.4	24.1	24.1	24.2	1	24.4
		12	7	24.2	24.1	24.2	1	24.4	24.2	24.1	24.2	1	24.4
		12	13	24.2	24.1	24.1	1	24.4	24.2	24.1	24.1	1	24.4
		25	0	24.2	24.1	24.1	1	24.4	24.2	24.1	24.1	1	24.4
	16QAM	1	0	24.4	24.4	24.4	1	24.4	24.4	24.4	24.4	1	24.4
		1	12	24.4	24.4	24.4	1	24.4	24.4	24.4	24.4	1	24.4
		1	24	24.4	24.4	24.4	1	24.4	24.4	24.4	24.4	1	24.4
		12	0	23.2	23.0	23.2	2	23.4	23.2	23.0	23.2	2	23.4
		12	7	23.3	23.1	23.3	2	23.4	23.3	23.1	23.3	2	23.4
		12	13	23.2	23.1	23.2	2	23.4	23.2	23.1	23.2	2	23.4
		25	0	23.2	23.1	23.2	2	23.4	23.2	23.1	23.2	2	23.4
	64QAM	1	0	23.2	23.3	23.4	2	23.4	23.2	23.3	23.4	2	23.4
		1	12	23.4	23.4	23.2	2	23.4	23.4	23.4	23.2	2	23.4
		1	24	23.4	23.3	23.1	2	23.4	23.4	23.3	23.1	2	23.4
		12	0	22.2	22.0	22.2	3	22.4	22.2	22.0	22.2	3	22.4
		12	7	22.3	22.1	22.2	3	22.4	22.3	22.1	22.2	3	22.4
		12	13	22.2	22.1	22.1	3	22.4	22.2	22.1	22.1	3	22.4
		25	0	22.2	22.1	22.2	3	22.4	22.2	22.1	22.2	3	22.4
	256QAM	1	0	20.2	20.1	20.3	5	20.4	20.2	20.1	20.3	5	20.4
		1	12	20.3	20.2	20.3	5	20.4	20.3	20.2	20.3	5	20.4
		1	24	20.4	20.2	20.2	5	20.4	20.4	20.2	20.2	5	20.4
		12	0	20.1	20.0	20.2	5	20.4	20.1	20.0	20.2	5	20.4
		12	7	20.2	20.2	20.2	5	20.4	20.2	20.2	20.2	5	20.4
		12	13	20.2	20.1	20.2	5	20.4	20.2	20.1	20.2	5	20.4
		25	0	20.2	20.1	20.2	5	20.4	20.2	20.1	20.2	5	20.4

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

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 tfor 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 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 output power with MPR of 0 dB and RB allocation setting).

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 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.

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

a) When the maximum output power 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

Maximum Output Power for LTE UL Carrier Aggregation

Intra-Band Contiguous	Mode	Target Output Power (dBm)								Maximum 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
CA_5B	QPSK	24.7	24.7	22.5	23.7	24.4	24.4			25.7	25.7	23.5	24.7	25.4	25.4		
CA_7C	QPSK	22.0	19.0	16.0	18.0	19.2	18.2	18.2	17.2	23.0	20.0	17.0	19.0	20.2	19.2	19.2	18.2
CA_41C (PC3)	QPSK	24.2	21.0	17.5	19.5	21.7	20.8	20.5	19.2	25.2	22.0	18.5	20.5	22.7	21.8	21.5	20.2
CA_41C (PC2)	QPSK	25.8	22.6	19.1	21.1	23.3	22.4	22.1	20.8	26.8	23.6	20.1	22.1	24.3	23.4	23.1	21.8
Intra-Band Contiguous	Mode	Target Output Power (dBm)								Maximum 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
CA_48C	QPSK	22.5	21.5	21.8	21.5	24.0	21.8	22.8	20.5	23.5	22.5	22.8	22.5	25.0	22.8	23.8	21.5

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	Maximum Output Power (dBm)	UL CA Inactive (dBm)	Maximum Output Power (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	25.4	25.7	25.4	0.0
CA_5B	ANT 1	Mode B	QPSK	10	831.6	1	49	5	841.5	1	0	25.7	25.4	25.7	25.4	0.0
CA_5B	ANT 2	Mode A	QPSK	10	831.6	1	49	5	841.5	1	0	23.5	22.9	23.5	22.8	-0.1
CA_5B	ANT 2	Mode B	QPSK	10	831.6	1	49	5	841.5	1	0	24.7	24.5	24.7	24.5	0.0
CA_5B	ANT 3	Mode A	QPSK	10	831.6	1	49	5	841.5	1	0	25.4	25.3	25.4	25.2	-0.1
CA_5B	ANT 3	Mode B	QPSK	10	831.6	1	49	5	841.5	1	0	25.4	25.3	25.4	25.2	-0.1

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	Maximum Output Power (dBm)	UL CA Inactive (dBm)	Maximum Output Power (dBm)	UL CA Active (dBm)	Delta
CA_7C	ANT 1	Mode A	QPSK	20	2525.1	1	99	20	2544.9	1	0	23.0	22.8	23.0	22.4	-0.4
CA_7C	ANT 1	Mode B	QPSK	20	2525.1	1	99	20	2544.9	1	0	20.0	19.5	20.0	19.5	0.0
CA_7C	ANT 1	Mode B	QPSK	20	2510.0	1	99	20	2529.8	1	0	20.0	19.6	20.0	19.7	0.1
CA_7C	ANT 2	Mode A	QPSK	20	2525.1	1	99	20	2544.9	1	0	17.0	16.1	17.0	16.1	0.0
CA_7C	ANT 2	Mode B	QPSK	20	2540.2	1	99	20	2560.0	1	0	19.0	18.0	19.0	17.9	-0.1
CA_7C	ANT 2	Mode B	QPSK	20	2540.2	1	99	20	2560.0	1	0	19.0	18.0	19.0	17.9	-0.1
CA_7C	ANT 3	Mode A	QPSK	20	2525.1	1	99	20	2544.9	1	0	20.2	19.7	20.2	19.7	0.0
CA_7C	ANT 3	Mode B	QPSK	20	2525.1	1	99	20	2544.9	1	0	19.2	18.6	19.2	18.7	0.1
CA_7C	ANT 3	Mode B	QPSK	20	2525.1	1	99	20	2544.9	1	0	19.2	18.6	19.2	18.6	0.0
CA_7C	ANT 4	Mode A	QPSK	20	2525.1	1	99	20	2544.9	1	0	19.2	18.5	19.2	18.4	-0.1
CA_7C	ANT 4	Mode B	QPSK	20	2525.1	1	99	20	2544.9	1	0	18.2	17.5	18.2	17.5	0.0
CA_7C	ANT 4	Mode B	QPSK	20	2540.2	1	99	20	2560.0	1	0	18.2	17.5	18.2	17.3	-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	Maximum Output Power (dBm)	UL CA Inactive (dBm)	Maximum Output Power (dBm)	UL CA Active (dBm)	Delta
CA_41C	ANT 1	Mode A	QPSK	20	2583.1	1	99	20	2602.9	1	0	25.2	24.9	25.2	24.8	-0.1
CA_41C	ANT 1	Mode B	QPSK	20	2583.1	1	99	20	2602.9	1	0	22.0	21.6	22.0	21.5	-0.1
CA_41C	ANT 1	Mode B	QPSK	20	2583.1	1	99	20	2602.9	1	0	22.0	21.6	22.0	21.5	-0.1
CA_41C	ANT 2	Mode A	QPSK	20	2583.1	1	99	20	2602.9	1	0	18.5	17.6	18.5	17.5	-0.1
CA_41C	ANT 2	Mode B	QPSK	20	2583.1	1	99	20	2602.9	1	0	20.5	19.6	20.5	19.8	0.2
CA_41C	ANT 3	Mode A	QPSK	20	2583.1	1	99	20	2602.9	1	0	22.7	22.5	22.7	22.6	0.1
CA_41C	ANT 3	Mode B	QPSK	20	2583.1	1	99	20	2602.9	1	0	21.8	21.5	21.8	21.5	0.0
CA_41C	ANT 3	Mode B	QPSK	20	2660.2	1	99	20	2680	1	0	21.8	21.5	21.8	21.5	0.0
CA_41C	ANT 4	Mode A	QPSK	20	2583.1	1	99	20	2602.9	1	0	21.5	20.5	21.5	20.4	-0.1
CA_41C	ANT 4	Mode B	QPSK	20	2583.1	1	99	20	2602.9	1	0	20.2	19.2	20.2	19.3	0.1
CA_41C	ANT 4	Mode B	QPSK	20	2660.2	1	99	20	2680	1	0	20.2	18.9	20.2	18.8	-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 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	Maximum Output Power (dBm)	UL CA Inactive (dBm)	Maximum Output Power (dBm)	UL CA Active (dBm)	Delta
CA_48C	ANT 7	Mode A	QPSK	20	3615.1	1	99	20	3634.9	1	0	23.5	22.4	23.5	22.3	-0.1
CA_48C	ANT 7	Mode B	QPSK	20	3615.1	1	99	20	3634.9	1	0	22.5	21.5	22.5	21.4	-0.1
CA_48C	ANT 8	Mode A	QPSK	20	3615.1	1	99	20	3634.9	1	0	22.8	21.6	22.8	21.6	0.0
CA_48C	ANT 8	Mode B	QPSK	20	3615.1	1	99	20	3634.9	1	0	22.5	21.3	22.5	21.2	-0.1
CA_48C	ANT 8	Mode B	QPSK	20	3560.0	1	99	20	3579.8	1	0	22.5	21.3	22.5	21.2	-0.1
CA_48C	ANT 9	Mode A	QPSK	20	3615.1	1	99	20	3634.9	1	0	25.0	24.6	25.0	24.7	0.1
CA_48C	ANT 9	Mode B	QPSK	20	3615.1	1	99	20	3634.9	1	0	22.8	22.2	22.8	22.0	-0.2
CA_48C	ANT 9	Mode B	QPSK	20	3615.1	1	99	20	3634.9	1	0	22.8	22.2	22.8	22.0	-0.2
CA_48C	ANT 4	Mode A	QPSK	20	3615.1	1	99	20	3634.9	1	0	23.8	22.6	23.8	22.5	-0.1
CA_48C	ANT 4	Mode B	QPSK	20	3615.1	1	99	20	3634.9	1	0	21.5	20.4	21.5	20.3	-0.1
CA_48C	ANT 4	Mode B	QPSK	20	3615.1	1	99	20	3634.9	1	0	21.5	20.4	21.5	20.3	-0.1

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].

Maximum 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 QPSK, 16QAM, 64QAM and 256QAM. When the highest maximum output power for QPSK, 16QAM, 64QAM and 256QAM is ≤ ½ dB higher than the Pi/2 BPSK or when the reported SAR for the Pi/2 BPSK configuration is ≤ 1.45 W/kg.

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

RF Air interface	Mode	Target Output Power (dBm)								Maximum 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	23.5	21.0	18.5	18.2	20.2	19.5	18.2	19.2	24.5	22.0	19.5	19.2	21.2	20.5	19.2	20.2
NR n5	QPSK	24.7	24.7	22.5	24.2	24.4	24.4			25.7	25.7	23.5	25.2	25.4	25.4		
NR n7	QPSK	22.0	19.0	16.0	18.0	19.2	18.2	18.2	17.2	23.0	20.0	17.0	19.0	20.2	19.2	19.2	18.2
NR n12	QPSK	24.7	24.7	23.2	23.7	24.4	24.4			25.7	25.7	24.2	24.7	25.4	25.4		
NR n14	QPSK	24.7	24.7	22.7	23.7	24.4	24.4			25.7	25.7	23.7	24.7	25.4	25.4		
NR n25	QPSK	23.5	21.0	18.5	18.2	20.2	19.5	18.2	19.2	24.5	22.0	19.5	19.2	21.2	20.5	19.2	20.2
NR n26	QPSK	24.7	24.7	22.5	23.7	24.4	24.4			25.7	25.7	23.5	24.7	25.4	25.4		
NR n30	QPSK	21.2	19.0	18.5	18.7	20.0	19.2	20.5	18.0	22.2	20.0	19.5	19.7	21.0	20.2	21.5	19.0
NR n41 (PC3)	QPSK	22.2	19.0	15.5	17.5	19.7	18.8	18.5	17.2	23.2	20.0	16.5	18.5	20.7	19.8	19.5	18.2
NR n41 (PC2)	QPSK	25.2	22.0	18.5	20.5	22.7	21.8	21.5	20.2	26.2	23.0	19.5	21.5	23.7	22.8	22.5	21.2
NR n53	QPSK	19.7	19.0	15.5	17.5					20.7	20.0	16.5	18.5				
NR n66	QPSK	24.0	18.7	22.0	21.0	20.0	19.7	19.5	18.5	25.0	19.7	23.0	22.0	21.0	20.7	20.5	19.5
NR n70	QPSK	24.0	18.7	22.0	21.0	20.0	19.7	19.5	18.5	25.0	19.7	23.0	22.0	21.0	20.7	20.5	19.5
NR n71	QPSK	24.7	24.7	23.2	23.7	24.4	24.4			25.7	25.7	24.2	24.7	25.4	25.4		

RF Air interface	Mode	Target Output Power (dBm)								Maximum 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 n48	QPSK	20.5	19.5	19.8	19.5	22.3	19.8	20.8	18.5	21.5	20.5	20.8	20.5	23.3	20.8	21.8	19.5
NR n77 (PC3)	QPSK	20.5	18.3	19.8	18.3	20.3	17.8	19.8	18.5	21.5	19.3	20.8	19.3	21.3	18.8	20.8	19.5
NR n77 (PC2)	QPSK	23.5	21.3	22.8	21.3	23.3	20.8	22.8	21.5	24.5	22.3	23.8	22.3	24.3	21.8	23.8	22.5

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)				
						166800	167300	167800	MPR	Max Output Pwr	166800	167300	167800	MPR	Max Output Pwr
						834 MHz	836.5 MHz	839 MHz			834 MHz	836.5 MHz	839 MHz		
20	DFT-s	15	π/2 BPSK	1	1		25.6		0	25.7		25.6		0	25.7
				1	53		25.6		0	25.7		25.6		0	25.7
				1	104		25.4		0	25.7		25.4		0	25.7
				50	28		25.7		0	25.7		25.7		0	25.7
			QPSK	1	1		25.7		0	25.7		25.7		0	25.7
				1	53		25.5		0	25.7		25.5		0	25.7
				1	104		25.5		0	25.7		25.5		0	25.7
				50	28		25.6		0	25.7		25.6		0	25.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						166300	167300	168300	MPR	Max Output Pwr	166300	167300	168300	MPR	Max Output Pwr
						831.5 MHz	836.5 MHz	841.5 MHz			831.5 MHz	836.5 MHz	841.5 MHz		
15	DFT-s	15	π/2 BPSK	1	39		25.6		0	25.7		25.6		0	25.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						165800	167300	168800	MPR	Max Output Pwr	165800	167300	168800	MPR	Max Output Pwr
						829 MHz	836.5 MHz	844 MHz			829 MHz		844 MHz		
10	DFT-s	15	π/2 BPSK	1	26		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)				
						165300	167300	169300	MPR	Max Output Pwr	165300	167300	169300	MPR	Max Output Pwr
						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	12	25.6	25.5	25.7	0	25.7	25.6	25.5	25.7	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)					Power Mode B (dBm)				
						166800	167300	167800	MPR	Max Output Pwr	166800	167300	167800	MPR	Max Output Pwr
						834 MHz	836.5 MHz	839 MHz			834 MHz	836.5 MHz	839 MHz		
20	DFT-s	15	π/2 BPSK	1	1		22.8		0	23.5		24.9		0	25.2
				1	53		22.8		0	23.5		24.9		0	25.2
				1	104		22.8		0	23.5		24.8		0	25.2
				50	28		22.8		0	23.5		24.9		0	25.2
			QPSK	1	1		22.8		0	23.5		24.8		0	25.2
				1	53		22.8		0	23.5		24.9		0	25.2
				1	104		22.8		0	23.5		24.8		0	25.2
				50	28		22.8		0	23.5		24.9		0	25.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						166300	167300	168300	MPR	Max Output Pwr	166300	167300	168300	MPR	Max Output Pwr
						831.5 MHz	836.5 MHz	841.5 MHz			831.5 MHz	836.5 MHz	841.5 MHz		
15	DFT-s	15	π/2 BPSK	1	39		22.8		0	23.5		24.8		0	25.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						165800	167300	168800	MPR	Max Output Pwr	165800	167300	168800	MPR	Max Output Pwr
						829 MHz	836.5 MHz	844 MHz			829 MHz	836.5 MHz	844 MHz		
10	DFT-s	15	π/2 BPSK	1	26		22.8		0	23.5		24.7		0	25.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						165300	167300	169300	MPR	Max Output Pwr	165300	167300	169300	MPR	Max Output Pwr
						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	12	22.8	22.8	22.7	0	23.5	24.7	24.7	24.7	0	25.2

NR Band 5 Measured Results (ANT3)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						166800	167300	167800	MPR	Max Output Pwr	166800	167300	167800	MPR	Max Output Pwr
						834 MHz	836.5 MHz	839 MHz			834 MHz	836.5 MHz	839 MHz		
20	DFT-s	15	π/2 BPSK	1	1		25.1		0	25.4		25.1		0	25.4
				1	53		25.1		0	25.4		25.1		0	25.4
				1	104		25.0		0	25.4		25.0		0	25.4
				50	28		25.2		0	25.4		25.2		0	25.4
			QPSK	1	1		25.3		0	25.4		25.3		0	25.4
				1	53		25.3		0	25.4		25.3		0	25.4
				1	104		25.1		0	25.4		25.1		0	25.4
				50	28		25.2		0	25.4		25.2		0	25.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						166300	167300	168300	MPR	Max Output Pwr	166300	167300	168300	MPR	Max Output Pwr
						831.5 MHz	836.5 MHz	841.5 MHz			831.5 MHz	836.5 MHz	841.5 MHz		
15	DFT-s	15	π/2 BPSK	1	39		25.1		0	25.4		25.1		0	25.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						165800	167300	168800	MPR	Max Output Pwr	165800	167300	168800	MPR	Max Output Pwr
						829 MHz	836.5 MHz	844 MHz			829 MHz	836.5 MHz	844 MHz		
10	DFT-s	15	π/2 BPSK	1	26		25.1		0	25.4		25.1		0	25.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						165300	167300	169300	MPR	Max Output Pwr	165300	167300	169300	MPR	Max Output Pwr
						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	12	25.0	25.0	24.9	0	25.4	25.0	25.0	24.9	0	25.4

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)				
						504000	507000	510000	MPR	Max Output Pwr	504000	507000	510000	MPR	Max Output Pwr
						2520 MHz	2535 MHz	2550 MHz			2520 MHz	2535 MHz	2550 MHz		
40	DFT-s	15	π/2 BPSK	1	1		22.8		0	23		19.8		0	20
				1	108		22.8		0	23		19.8		0	20
				1	214		22.8		0	23		19.8		0	20
				108	54		22.7		0	23		19.7		0	20
			QPSK	1	1		22.9		0	23		19.9		0	20
				1	108		22.9		0	23		19.9		0	20
				1	214		23.0		0	23		20.0		0	20
				108	54		22.9		0	23		19.9		0	20
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						503000	507000	511000	MPR	Max Output Pwr	503000	507000	511000	MPR	Max Output Pwr
						2515 MHz	2535 MHz	2555 MHz			2515 MHz	2535 MHz	2555 MHz		
30	DFT-s	15	π/2 BPSK	1	80		22.8		0	23		19.9		0	20
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						502500	507000	511500	MPR	Max Output Pwr	502500	507000	511500	MPR	Max Output Pwr
						2512.5 MHz	2535 MHz	2557.5 MHz			2512.5 MHz	2535 MHz	2557.5 MHz		
25	DFT-s	15	π/2 BPSK	1	66		23.0		0	23		20.0		0	20
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						502000	507000	512000	MPR	Max Output Pwr	502000	507000	512000	MPR	Max Output Pwr
						2510 MHz	2535 MHz	2560 MHz			2510 MHz	2535 MHz	2560 MHz		
20	DFT-s	15	π/2 BPSK	1	53	22.9	22.9	23.0	0	23	19.9	19.9	20.0	0	20
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						501500	507000	512500	MPR	Max Output Pwr	501500	507000	512500	MPR	Max Output Pwr
						2507.5 MHz	2535 MHz	2562.5 MHz			2507.5 MHz	2535 MHz	2562.5 MHz		
15	DFT-s	15	π/2 BPSK	1	39	22.8	22.9	23.0	0	23	19.8	19.9	20.0	0	20
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						501000	507000	513000	MPR	Max Output Pwr	501000	507000	513000	MPR	Max Output Pwr
						2505 MHz	2535 MHz	2565 MHz			2505 MHz	2535 MHz	2565 MHz		
10	DFT-s	15	π/2 BPSK	1	26	22.7	22.8	23.0	0	23	19.7	19.7	20.0	0	20
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						500500	507000	513500	MPR	Max Output Pwr	500500	507000	513500	MPR	Max Output Pwr
						2502.5 MHz	2535 MHz	2567.5 MHz			2502.5 MHz	2535 MHz	2567.5 MHz		
5	DFT-s	15	π/2 BPSK	1	12	22.6	22.7	23.0	0	23	19.6	19.7	20.0	0	20

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)				
						504000	507000	510000	MPR	Max Output Pwr	504000	507000	510000	MPR	Max Output Pwr
						2520 MHz	2535 MHz	2550 MHz			2520 MHz	2535 MHz	2550 MHz		
40	DFT-s	15	π/2 BPSK	1	1		16.1		0	17		18.0		0	19
				1	108		16.1		0	17		18.2		0	19
				1	214		16.1		0	17		18.2		0	19
				108	54		16.1		0	17		18.1		0	19
			QPSK	1	1		16.2		0	17		18.0		0	19
				1	108		16.2		0	17		18.2		0	19
				1	214		16.2		0	17		18.1		0	19
				108	54		16.2		0	17		18.2		0	19
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						503000	507000	511000	MPR	Max Output Pwr	503000	507000	511000	MPR	Max Output Pwr
						2515 MHz	2535 MHz	2555 MHz			2515 MHz	2535 MHz	2555 MHz		
30	DFT-s	15	π/2 BPSK	1	80		16.0		0	17		18.1		0	19
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						502500	507000	511500	MPR	Max Output Pwr	502500	507000	511500	MPR	Max Output Pwr
						2512.5 MHz	2535 MHz	2557.5 MHz			2512.5 MHz	2535 MHz	2557.5 MHz		
25	DFT-s	15	π/2 BPSK	1	66		16.0		0	17		18.1		0	19
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						502000	507000	512000	MPR	Max Output Pwr	502000	507000	512000	MPR	Max Output Pwr
						2510 MHz	2535 MHz	2560 MHz			2510 MHz	2535 MHz	2560 MHz		
20	DFT-s	15	π/2 BPSK	1	53	16.0	16.0	16.1	0	17	18.0	18.1	18.1	0	19
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						501500	507000	512500	MPR	Max Output Pwr	501500	507000	512500	MPR	Max Output Pwr
						2507.5 MHz	2535 MHz	2562.5 MHz			2507.5 MHz	2535 MHz	2562.5 MHz		
15	DFT-s	15	π/2 BPSK	1	39	16.0	16.0	16.1	0	17	18.0	18.1	18.0	0	19
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						501000	507000	513000	MPR	Max Output Pwr	501000	507000	513000	MPR	Max Output Pwr
						2505 MHz	2535 MHz	2565 MHz			2505 MHz	2535 MHz	2565 MHz		
10	DFT-s	15	π/2 BPSK	1	26	15.8	15.8	16.0	0	17	17.8	18.0	18.2	0	19
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						500500	507000	513500	MPR	Max Output Pwr	500500	507000	513500	MPR	Max Output Pwr
						2502.5 MHz	2535 MHz	2567.5 MHz			2502.5 MHz	2535 MHz	2567.5 MHz		
5	DFT-s	15	π/2 BPSK	1	12	15.8	15.8	16.0	0	17	17.8	17.9	18.1	0	19

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)				
						504000	507000	510000	MPR	Max Output Pwr	504000	507000	510000	MPR	Max Output Pwr
						2520 MHz	2535 MHz	2550 MHz			2520 MHz	2535 MHz	2550 MHz		
40	DFT-s	15	π/2 BPSK	1	1		20.2		0	20.2		18.2		0	19.2
				1	108		20.2		0	20.2		18.2		0	19.2
				1	214		20.2		0	20.2		18.2		0	19.2
				108	54		20.2		0	20.2		18.3		0	19.2
			QPSK	1	1		20.2		0	20.2		18.3		0	19.2
				1	108		20.2		0	20.2		18.3		0	19.2
				1	214		20.2		0	20.2		18.3		0	19.2
				108	54		20.2		0	20.2		18.3		0	19.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						503000	507000	511000	MPR	Max Output Pwr	503000	507000	511000	MPR	Max Output Pwr
						2515 MHz	2535 MHz	2555 MHz			2515 MHz	2535 MHz	2555 MHz		
30	DFT-s	15	π/2 BPSK	1	80		20.2		0	20.2		18.3		0	19.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						502500	507000	511500	MPR	Max Output Pwr	502500	507000	511500	MPR	Max Output Pwr
						2512.5 MHz	2535 MHz	2557.5 MHz			2512.5 MHz	2535 MHz	2557.5 MHz		
25	DFT-s	15	π/2 BPSK	1	66		20.2		0	20.2		18.3		0	19.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						502000	507000	512000	MPR	Max Output Pwr	502000	507000	512000	MPR	Max Output Pwr
						2510 MHz	2535 MHz	2560 MHz			2510 MHz	2535 MHz	2560 MHz		
20	DFT-s	15	π/2 BPSK	1	53	20.2	20.2	20.2	0	20.2	18.3	18.3	18.3	0	19.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						501500	507000	512500	MPR	Max Output Pwr	501500	507000	512500	MPR	Max Output Pwr
						2507.5 MHz	2535 MHz	2562.5 MHz			2507.5 MHz	2535 MHz	2562.5 MHz		
15	DFT-s	15	π/2 BPSK	1	39	20.2	20.2	20.2	0	20.2	18.3	18.3	18.3	0	19.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						501000	507000	513000	MPR	Max Output Pwr	501000	507000	513000	MPR	Max Output Pwr
						2505 MHz	2535 MHz	2565 MHz			2505 MHz	2535 MHz	2565 MHz		
10	DFT-s	15	π/2 BPSK	1	26	20.1	20.2	20.2	0	20.2	18.2	18.3	18.3	0	19.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						500500	507000	513500	MPR	Max Output Pwr	500500	507000	513500	MPR	Max Output Pwr
						2502.5 MHz	2535 MHz	2567.5 MHz			2502.5 MHz	2535 MHz	2567.5 MHz		
5	DFT-s	15	π/2 BPSK	1	12	20.1	20.2	20.2	0	20.2	18.2	18.3	18.3	0	19.2

NR Band 7 Measured Results (ANT4)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						504000	507000	510000	MPR	Max Output Pwr	504000	507000	510000	MPR	Max Output Pwr
						2520 MHz	2535 MHz	2550 MHz			2520 MHz	2535 MHz	2550 MHz		
40	DFT-s	15	π/2 BPSK	1	1		18.4		0	19.2		17.4		0	18.2
				1	108		18.4		0	19.2		17.4		0	18.2
				1	214		18.3		0	19.2		17.3		0	18.2
				108	54		18.3		0	19.2		17.3		0	18.2
			QPSK	1	1		18.4		0	19.2		17.4		0	18.2
				1	108		18.4		0	19.2		17.4		0	18.2
				1	214		18.3		0	19.2		17.3		0	18.2
				108	54		18.3		0	19.2		17.3		0	18.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						503000	507000	511000	MPR	Max Output Pwr	503000	507000	511000	MPR	Max Output Pwr
						2515 MHz	2535 MHz	2555 MHz			2515 MHz	2535 MHz	2555 MHz		
30	DFT-s	15	π/2 BPSK	1	80		18.4		0	19.2		17.3		0	18.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						502500	507000	511500	MPR	Max Output Pwr	502500	507000	511500	MPR	Max Output Pwr
						2512.5 MHz	2535 MHz	2557.5 MHz			2512.5 MHz	2535 MHz	2557.5 MHz		
25	DFT-s	15	π/2 BPSK	1	66		18.4		0	19.2		17.4		0	18.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						502000	507000	512000	MPR	Max Output Pwr	502000	507000	512000	MPR	Max Output Pwr
						2510 MHz	2535 MHz	2560 MHz			2510 MHz	2535 MHz	2560 MHz		
20	DFT-s	15	π/2 BPSK	1	53	18.4	18.4	18.3	0	19.2	17.4	17.4	17.3	0	18.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						501500	507000	512500	MPR	Max Output Pwr	501500	507000	512500	MPR	Max Output Pwr
						2507.5 MHz	2535 MHz	2562.5 MHz			2507.5 MHz	2535 MHz	2562.5 MHz		
15	DFT-s	15	π/2 BPSK	1	39	18.3	18.4	18.3	0	19.2	17.2	17.4	17.3	0	18.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						501000	507000	513000	MPR	Max Output Pwr	501000	507000	513000	MPR	Max Output Pwr
						2505 MHz	2535 MHz	2565 MHz			2505 MHz	2535 MHz	2565 MHz		
10	DFT-s	15	π/2 BPSK	1	26	18.2	18.4	18.3	0	19.2	17.2	17.4	17.3	0	18.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						500500	507000	513500	MPR	Max Output Pwr	500500	507000	513500	MPR	Max Output Pwr
						2502.5 MHz	2535 MHz	2567.5 MHz			2502.5 MHz	2535 MHz	2567.5 MHz		
5	DFT-s	15	π/2 BPSK	1	12	18.1	18.3	18.2	0	19.2	17.1	17.3	17.2	0	18.2

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)				
						141300	141500	141700	MPR	Max Output Pwr	141300	141500	141700	MPR	Max Output Pwr
						706.5 MHz	707.5 MHz	708.5 MHz			706.5 MHz	707.5 MHz	708.5 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		25.4		0	25.7		25.4		0	25.7
				36	22		25.4		0	25.7		25.4		0	25.7
			QPSK	1	1		25.6		0	25.7		25.6		0	25.7
				1	39		25.6		0	25.7		25.6		0	25.7
				1	77		25.6		0	25.7		25.6		0	25.7
				36	22		25.6		0	25.7		25.6		0	25.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						140800	141500	142200	MPR	Max Output Pwr	140800	141500	142200	MPR	Max Output Pwr
						704 MHz	707.5 MHz	711 MHz			704 MHz	707.5 MHz	711 MHz		
10	DFT-s	15	π/2 BPSK	1	26		25.6		0	25.7		25.6		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	Max Output Pwr	140300	141500	142700	MPR	Max Output Pwr
						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	12	25.6	25.5	25.5	0	25.7	25.6	25.5	25.5	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)				
						141300	141500	141700	MPR	Max Output Pwr	141300	141500	141700	MPR	Max Output Pwr
						706.5 MHz	707.5 MHz	708.5 MHz			706.5 MHz	707.5 MHz	708.5 MHz		
15	DFT-s	15	π/2 BPSK	1	1		23.9		0	24.2		24.4		0	24.7
				1	39		23.9		0	24.2		24.4		0	24.7
				1	77		23.9		0	24.2		24.4		0	24.7
				36	22		23.9		0	24.2		24.5		0	24.7
			QPSK	1	1		24.1		0	24.2		24.6		0	24.7
				1	39		24.1		0	24.2		24.6		0	24.7
				1	77		24.1		0	24.2		24.6		0	24.7
				36	22		24.0		0	24.2		24.5		0	24.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						140800	141500	142200	MPR	Max Output Pwr	140800	141500	142200	MPR	Max Output Pwr
						704 MHz	707.5 MHz	711 MHz			704 MHz	707.5 MHz	711 MHz		
10	DFT-s	15	π/2 BPSK	1	26		24.0		0	24.2		24.5		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	Max Output Pwr	140300	141500	142700	MPR	Max Output Pwr
						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	12	24.0	24.0	23.9	0	24.2	24.4	24.4	24.4	0	24.7

NR Band 12 Measured Results (ANT3)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						141300	141500	141700	MPR	Max Output Pwr	141300	141500	141700	MPR	Max Output Pwr
						706.5 MHz	707.5 MHz	708.5 MHz			706.5 MHz	707.5 MHz	708.5 MHz		
15	DFT-s	15	π/2 BPSK	1	1		25.0		0	25.4		25.0		0	25.4
				1	39		25.0		0	25.4		25.0		0	25.4
				1	77		25.0		0	25.4		25.0		0	25.4
				36	22		24.8		0	25.4		24.8		0	25.4
			QPSK	1	1		25.2		0	25.4		25.2		0	25.4
				1	39		25.2		0	25.4		25.2		0	25.4
				1	77		25.1		0	25.4		25.1		0	25.4
				36	22		25.1		0	25.4		25.1		0	25.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						140800	141500	142200	MPR	Max Output Pwr	140800	141500	142200	MPR	Max Output Pwr
						704 MHz	707.5 MHz	711 MHz			704 MHz	707.5 MHz	711 MHz		
10	DFT-s	15	π/2 BPSK	1	26		25.1		0	25.4		25.1		0	25.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						140300	141500	142700	MPR	Max Output Pwr	140300	141500	142700	MPR	Max Output Pwr
						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	12	25.2	25.1	25.1	0	25.4	25.2	25.1	25.1	0	25.4

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	158600	158600	MPR	Max Output Pwr	158600	158600	158600	MPR	Max Output Pwr
						793 MHz	793 MHz	793 MHz			793 MHz	793 MHz	793 MHz		
10	DFT-s	15	π/2 BPSK	1	1		25.5		0	25.7		25.5		0	25.7
				1	26		25.5		0	25.7		25.5		0	25.7
				1	50		25.5		0	25.7		25.5		0	25.7
				25	14		25.5		0	25.7		25.5		0	25.7
			QPSK	1	1		25.6		0	25.7		25.6		0	25.7
				1	26		25.6		0	25.7		25.6		0	25.7
				1	50		25.5		0	25.7		25.5		0	25.7
				25	14		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)				
						158100	158600	159100	MPR	Max Output Pwr	158100	158600	159100	MPR	Max Output Pwr
						790.5 MHz	793 MHz	795.5 MHz			790.5 MHz	793 MHz	795.5 MHz		
5	DFT-s	15	π/2 BPSK	1	12		25.6		0	25.7		25.6		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	158600	158600	MPR	Max Output Pwr	158600	158600	158600	MPR	Max Output Pwr
						793 MHz	793 MHz	793 MHz			793 MHz	793 MHz	793 MHz		
10	DFT-s	15	π/2 BPSK	1	1		22.8		0	23.7		24.4		0	24.7
				1	26		22.8		0	23.7		24.6		0	24.7
				1	50		22.8		0	23.7		24.5		0	24.7
				25	14		22.8		0	23.7		24.5		0	24.7
			QPSK	1	1		22.8		0	23.7		24.4		0	24.7
				1	26		22.9		0	23.7		24.6		0	24.7
				1	50		22.8		0	23.7		24.4		0	24.7
				25	14		22.8		0	23.7		24.5		0	24.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						158100	158600	159100	MPR	Max Output Pwr	158100	158600	159100	MPR	Max Output Pwr
						790.5 MHz	793 MHz	795.5 MHz			790.5 MHz	793 MHz	795.5 MHz		
5	DFT-s	15	π/2 BPSK	1	12		22.9		0	23.7		24.5		0	24.7

NR Band 14 Measured Results (ANT3)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						158600	158600	158600	MPR	Max Output Pwr	158600	158600	158600	MPR	Max Output Pwr
						793 MHz	793 MHz	793 MHz			793 MHz	793 MHz	793 MHz		
10	DFT-s	15	π/2 BPSK	1	1		25.1		0	25.4		25.1		0	25.4
				1	26		25.1		0	25.4		25.1		0	25.4
				1	50		25.1		0	25.4		25.1		0	25.4
				25	14		25.0		0	25.4		25.0		0	25.4
			QPSK	1	1		25.3		0	25.4		25.3		0	25.4
				1	26		25.3		0	25.4		25.3		0	25.4
				1	50		25.3		0	25.4		25.3		0	25.4
				25	14		25.3		0	25.4		25.3		0	25.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						158100	158600	159100	MPR	Max Output Pwr	158100	158600	159100	MPR	Max Output Pwr
						790.5 MHz	793 MHz	795.5 MHz			790.5 MHz	793 MHz	795.5 MHz		
5	DFT-s	15	π/2 BPSK	1	12		25.4		0	25.4		25.4		0	25.4

NR Band 25 Measured Results (ANT1)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						374000	376500	379000	MPR	Max Output Pwr	374000	376500	379000	MPR	Max Output Pwr
						1870 MHz	1882.5 MHz	1895 MHz			1870 MHz	1882.5 MHz	1895 MHz		
40	DFT-s	15	π/2 BPSK	1	1		24.3		0	24.5		21.4		0	22
				1	108		24.4		0	24.5		21.5		0	22
				1	214		24.4		0	24.5		21.5		0	22
				108	54		24.5		0	24.5		21.5		0	22
			QPSK	1	1		24.3		0	24.5		21.4		0	22
				1	108		24.4		0	24.5		21.5		0	22
				1	214		24.4		0	24.5		21.5		0	22
				108	54		24.3		0	24.5		21.4		0	22
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						373500	376500	379500	MPR	Max Output Pwr	373500	376500	379500	MPR	Max Output Pwr
						1867.5 MHz	1882.5 MHz	1897.5 MHz			1867.5 MHz	1882.5 MHz	1897.5 MHz		
35	DFT-s	15	π/2 BPSK	1	94		24.3		0	24.5		21.4		0	22
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						373000	376500	380000	MPR	Max Output Pwr	373000	376500	380000	MPR	Max Output Pwr
						1865 MHz	1882.5 MHz	1900 MHz			1865 MHz	1882.5 MHz	1900 MHz		
30	DFT-s	15	π/2 BPSK	1	80		24.3		0	24.5		21.5		0	22
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						372500	376500	380500	MPR	Max Output Pwr	372500	376500	380500	MPR	Max Output Pwr
						1862.5 MHz	1882.5 MHz	1902.5 MHz			1862.5 MHz	1882.5 MHz	1902.5 MHz		
25	DFT-s	15	π/2 BPSK	1	66		24.3		0	24.5		21.4		0	22
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						372000	376500	381000	MPR	Max Output Pwr	372000	376500	381000	MPR	Max Output Pwr
						1860 MHz	1882.5 MHz	1905 MHz			1860 MHz	1882.5 MHz	1905 MHz		
20	DFT-s	15	π/2 BPSK	1	53	24.3	24.3	24.3	0	24.5	21.5	21.4	21.4	0	22
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						371500	376500	381500	MPR	Max Output Pwr	371500	376500	381500	MPR	Max Output Pwr
						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	39	24.3	24.3	24.3	0	24.5	21.4	21.5	21.4	0	22
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						371000	376500	382000	MPR	Max Output Pwr	371000	376500	382000	MPR	Max Output Pwr
						1855 MHz	1882.5 MHz	1910 MHz			1855 MHz	1882.5 MHz	1910 MHz		
10	DFT-s	15	π/2 BPSK	1	26	24.3	24.3	24.3	0	24.5	21.4	21.5	21.4	0	22
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						370500	376500	382500	MPR	Max Output Pwr	370500	376500	382500	MPR	Max Output Pwr
						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	12	24.2	24.2	24.3	0	24.5	21.3	21.3	21.4	0	22

NR Band 25 Measured Results (ANT2)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						374000	376500	379000	MPR	Max Output Pwr	374000	376500	379000	MPR	Max Output Pwr
						1870 MHz	1882.5 MHz	1895 MHz			1870 MHz	1882.5 MHz	1895 MHz		
40	DFT-s	15	π/2 BPSK	1	1		18.5		0	19.5		18.1		0	19.2
				1	108		18.5		0	19.5		18.2		0	19.2
				1	214		18.4		0	19.5		18.1		0	19.2
				108	54		18.5		0	19.5		18.2		0	19.2
			QPSK	1	1		18.5		0	19.5		18.1		0	19.2
				1	108		18.4		0	19.5		18.1		0	19.2
				1	214		18.4		0	19.5		18.1		0	19.2
				108	54		18.4		0	19.5		18.0		0	19.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						373500	376500	379500	MPR	Max Output Pwr	373500	376500	379500	MPR	Max Output Pwr
						1867.5 MHz	1882.5 MHz	1897.5 MHz			1867.5 MHz	1882.5 MHz	1897.5 MHz		
35	DFT-s	15	π/2 BPSK	1	94		18.5		0	19.5		18.1		0	19.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						373000	376500	380000	MPR	Max Output Pwr	373000	376500	380000	MPR	Max Output Pwr
						1865 MHz	1882.5 MHz	1900 MHz			1865 MHz	1882.5 MHz	1900 MHz		
30	DFT-s	15	π/2 BPSK	1	80		18.5		0	19.5		18.1		0	19.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						372500	376500	380500	MPR	Max Output Pwr	372500	376500	380500	MPR	Max Output Pwr
						1862.5 MHz	1882.5 MHz	1902.5 MHz			1862.5 MHz	1882.5 MHz	1902.5 MHz		
25	DFT-s	15	π/2 BPSK	1	66		18.5		0	19.5		18.1		0	19.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						372000	376500	381000	MPR	Max Output Pwr	372000	376500	381000	MPR	Max Output Pwr
						1860 MHz	1882.5 MHz	1905 MHz			1860 MHz	1882.5 MHz	1905 MHz		
20	DFT-s	15	π/2 BPSK	1	53	18.5	18.4	18.4	0	19.5	18.1	18.0	18.0	0	19.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						371500	376500	381500	MPR	Max Output Pwr	371500	376500	381500	MPR	Max Output Pwr
						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	39	18.5	18.5	18.4	0	19.5	18.1	18.1	18.0	0	19.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						371000	376500	382000	MPR	Max Output Pwr	371000	376500	382000	MPR	Max Output Pwr
						1855 MHz	1882.5 MHz	1910 MHz			1855 MHz	1882.5 MHz	1910 MHz		
10	DFT-s	15	π/2 BPSK	1	26	18.4	18.3	18.3	0	19.5	18.0	17.9	17.9	0	19.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						370500	376500	382500	MPR	Max Output Pwr	370500	376500	382500	MPR	Max Output Pwr
						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	12	18.4	18.4	18.3	0	19.5	18.0	18.0	17.9	0	19.2

NR Band 25 Measured Results (ANT3)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						374000	376500	379000	MPR	Max Output Pwr	374000	376500	379000	MPR	Max Output Pwr
						1870 MHz	1882.5 MHz	1895 MHz			1870 MHz	1882.5 MHz	1895 MHz		
40	DFT-s	15	π/2 BPSK	1	1		21.2		0	21.2		19.5		0	20.5
				1	108		21.2		0	21.2		19.5		0	20.5
				1	214		21.2		0	21.2		19.5		0	20.5
				108	54		21.2		0	21.2		19.5		0	20.5
			QPSK	1	1		21.2		0	21.2		19.5		0	20.5
				1	108		21.2		0	21.2		19.5		0	20.5
				1	214		21.2		0	21.2		19.5		0	20.5
				108	54		21.2		0	21.2		19.5		0	20.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						373500	376500	379500	MPR	Max Output Pwr	373500	376500	379500	MPR	Max Output Pwr
						1867.5 MHz	1882.5 MHz	1897.5 MHz			1867.5 MHz	1882.5 MHz	1897.5 MHz		
35	DFT-s	15	π/2 BPSK	1	94		21.2		0	21.2		19.5		0	20.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						373000	376500	380000	MPR	Max Output Pwr	373000	376500	380000	MPR	Max Output Pwr
						1865 MHz	1882.5 MHz	1900 MHz			1865 MHz	1882.5 MHz	1900 MHz		
30	DFT-s	15	π/2 BPSK	1	80		21.2		0	21.2		19.5		0	20.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						372500	376500	380500	MPR	Max Output Pwr	372500	376500	380500	MPR	Max Output Pwr
						1862.5 MHz	1882.5 MHz	1902.5 MHz			1862.5 MHz	1882.5 MHz	1902.5 MHz		
25	DFT-s	15	π/2 BPSK	1	66		21.2		0	21.2		19.5		0	20.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						372000	376500	381000	MPR	Max Output Pwr	372000	376500	381000	MPR	Max Output Pwr
						1860 MHz	1882.5 MHz	1905 MHz			1860 MHz	1882.5 MHz	1905 MHz		
20	DFT-s	15	π/2 BPSK	1	53	21.2	21.2	21.2	0	21.2	19.5	19.5	19.5	0	20.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						371500	376500	381500	MPR	Max Output Pwr	371500	376500	381500	MPR	Max Output Pwr
						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	39	21.2	21.2	21.2	0	21.2	19.5	19.5	19.5	0	20.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						371000	376500	382000	MPR	Max Output Pwr	371000	376500	382000	MPR	Max Output Pwr
						1855 MHz	1882.5 MHz	1910 MHz			1855 MHz	1882.5 MHz	1910 MHz		
10	DFT-s	15	π/2 BPSK	1	26	21.2	21.2	21.2	0	21.2	19.5	19.5	19.5	0	20.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						370500	376500	382500	MPR	Max Output Pwr	370500	376500	382500	MPR	Max Output Pwr
						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	12	21.2	21.2	21.2	0	21.2	19.5	19.5	19.5	0	20.5

NR Band 25 Measured Results (ANT4)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						374000	376500	379000	MPR	Max Output Pwr	374000	376500	379000	MPR	Max Output Pwr
						1870 MHz	1882.5 MHz	1895 MHz			1870 MHz	1882.5 MHz	1895 MHz		
40	DFT-s	15	π/2 BPSK	1	1		18.2		0	19.2		19.8		0	20.2
				1	108		18.2		0	19.2		19.9		0	20.2
				1	214		18.2		0	19.2		19.8		0	20.2
				108	54		18.2		0	19.2		19.8		0	20.2
			QPSK	1	1		18.2		0	19.2		19.9		0	20.2
				1	108		18.3		0	19.2		19.8		0	20.2
				1	214		18.3		0	19.2		19.8		0	20.2
				108	54		18.2		0	19.2		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)				
						373500	376500	379500	MPR	Max Output Pwr	373500	376500	379500	MPR	Max Output Pwr
						1867.5 MHz	1882.5 MHz	1897.5 MHz			1867.5 MHz	1882.5 MHz	1897.5 MHz		
35	DFT-s	15	π/2 BPSK	1	94		18.2		0	19.2		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)				
						373000	376500	380000	MPR	Max Output Pwr	373000	376500	380000	MPR	Max Output Pwr
						1865 MHz	1882.5 MHz	1900 MHz			1865 MHz	1882.5 MHz	1900 MHz		
30	DFT-s	15	π/2 BPSK	1	80		18.3		0	19.2		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)				
						372500	376500	380500	MPR	Max Output Pwr	372500	376500	380500	MPR	Max Output Pwr
						1862.5 MHz	1882.5 MHz	1902.5 MHz			1862.5 MHz	1882.5 MHz	1902.5 MHz		
25	DFT-s	15	π/2 BPSK	1	66		18.2		0	19.2		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)				
						372000	376500	381000	MPR	Max Output Pwr	372000	376500	381000	MPR	Max Output Pwr
						1860 MHz	1882.5 MHz	1905 MHz			1860 MHz	1882.5 MHz	1905 MHz		
20	DFT-s	15	π/2 BPSK	1	53	18.3	18.2	18.3	0	19.2	19.9	19.9	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)				
						371500	376500	381500	MPR	Max Output Pwr	371500	376500	381500	MPR	Max Output Pwr
						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	39	18.2	18.2	18.3	0	19.2	19.9	19.9	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	Max Output Pwr	371000	376500	382000	MPR	Max Output Pwr
						1855 MHz	1882.5 MHz	1910 MHz			1855 MHz	1882.5 MHz	1910 MHz		
10	DFT-s	15	π/2 BPSK	1	26	18.1	18.0	18.1	0	19.2	19.7	19.6	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)				
						370500	376500	382500	MPR	Max Output Pwr	370500	376500	382500	MPR	Max Output Pwr
						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	12	18.1	18.1	18.1	0	19.2	19.7	19.7	19.7	0	20.2

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)				
						164800	166300	167800	MPR	Max Output Pwr	164800	166300	167800	MPR	Max Output Pwr
						824 MHz	831.5 MHz	839 MHz			824 MHz	831.5 MHz	839 MHz		
20	DFT-s	15	π/2 BPSK	1	1		25.5		0	25.7		25.5		0	25.7
				1	53		25.5		0	25.7		25.5		0	25.7
				1	104		25.5		0	25.7		25.5		0	25.7
				50	28		25.4		0	25.7		25.4		0	25.7
			QPSK	1	1		25.6		0	25.7		25.6		0	25.7
				1	53		25.6		0	25.7		25.6		0	25.7
				1	104		25.6		0	25.7		25.6		0	25.7
				50	28		25.7		0	25.7		25.7		0	25.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						164300	166300	168300	MPR	Max Output Pwr	164300	166300	168300	MPR	Max Output Pwr
						821.5 MHz	831.5 MHz	841.5 MHz			821.5 MHz	831.5 MHz	841.5 MHz		
15	DFT-s	15	π/2 BPSK	1	39	25.5	25.6	25.5	0	25.7	25.5	25.6	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)				
						163800	166300	168800	MPR	Max Output Pwr	163800	166300	168800	MPR	Max Output Pwr
						819 MHz	831.5 MHz	844 MHz			819 MHz	831.5 MHz	844 MHz		
10	DFT-s	15	π/2 BPSK	1	26	25.6	25.6	25.4	0	25.7	25.6	25.6	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)				
						163300	166300	169300	MPR	Max Output Pwr	163300	166300	169300	MPR	Max Output Pwr
						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	12	25.5	25.6	25.5	0	25.7	25.5	25.6	25.5	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)				
						164800	166300	167800	MPR	Max Output Pwr	164800	166300	167800	MPR	Max Output Pwr
						824 MHz	831.5 MHz	839 MHz			824 MHz	831.5 MHz	839 MHz		
20	DFT-s	15	π/2 BPSK	1	1		22.4		0	23.5		24.6		0	24.7
				1	53		22.6		0	23.5		24.6		0	24.7
				1	104		22.3		0	23.5		24.5		0	24.7
				50	28		22.6		0	23.5		24.6		0	24.7
			QPSK	1	1		22.4		0	23.5		24.4		0	24.7
				1	53		22.4		0	23.5		24.5		0	24.7
				1	104		22.5		0	23.5		24.6		0	24.7
				50	28		22.4		0	23.5		24.5		0	24.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						164300	166300	168300	MPR	Max Output Pwr	164300	166300	168300	MPR	Max Output Pwr
						821.5 MHz	831.5 MHz	841.5 MHz			821.5 MHz	831.5 MHz	841.5 MHz		
15	DFT-s	15	π/2 BPSK	1	39	22.4	22.4	22.4	0	23.5	24.5	24.4	24.5	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	Max Output Pwr	163800	166300	168800	MPR	Max Output Pwr
						819 MHz	831.5 MHz	844 MHz			819 MHz	831.5 MHz	844 MHz		
10	DFT-s	15	π/2 BPSK	1	26	22.4	22.3	22.4	0	23.5	24.4	24.4	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)				
						163300	166300	169300	MPR	Max Output Pwr	163300	166300	169300	MPR	Max Output Pwr
						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	12	22.4	22.3	22.4	0	23.5	24.5	24.3	24.5	0	24.7

NR Band 26 Measured Results (ANT3)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						164800	166300	167800	MPR	Max Output Pwr	164800	166300	167800	MPR	Max Output Pwr
						824 MHz	831.5 MHz	839 MHz			824 MHz	831.5 MHz	839 MHz		
20	DFT-s	15	π/2 BPSK	1	1		25.2		0	25.4		25.2		0	25.4
				1	53		25.2		0	25.4		25.2		0	25.4
				1	104		25.2		0	25.4		25.2		0	25.4
				50	28		25.3		0	25.4		25.3		0	25.4
			QPSK	1	1		25.3		0	25.4		25.3		0	25.4
				1	53		25.2		0	25.4		25.2		0	25.4
				1	104		25.2		0	25.4		25.2		0	25.4
				50	28		25.3		0	25.4		25.3		0	25.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						164300	166300	168300	MPR	Max Output Pwr	164300	166300	168300	MPR	Max Output Pwr
						821.5 MHz	831.5 MHz	841.5 MHz			821.5 MHz	831.5 MHz	841.5 MHz		
15	DFT-s	15	π/2 BPSK	1	39	25.3	25.3	25.2	0	25.4	25.3	25.3	25.2	0	25.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						163800	166300	168800	MPR	Max Output Pwr	163800	166300	168800	MPR	Max Output Pwr
						819 MHz	831.5 MHz	844 MHz			819 MHz	831.5 MHz	844 MHz		
10	DFT-s	15	π/2 BPSK	1	26	25.2	25.3	25.2	0	25.4	25.2	25.3	25.2	0	25.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						163300	166300	169300	MPR	Max Output Pwr	163300	166300	169300	MPR	Max Output Pwr
						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	12	25.2	25.2	25.1	0	25.4	25.2	25.2	25.1	0	25.4

NR Band 30 Measured Results (ANT1)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						462000	462000	462000	MPR	Max Output Pwr	462000	462000	462000	MPR	Max Output Pwr
						2310 MHz	2310 MHz	2310 MHz			2310 MHz	2310 MHz	2310 MHz		
10	DFT-s	15	π/2 BPSK	1	1		22.1		0	22.2		19.0		0	20
				1	26		22.2		0	22.2		19.1		0	20
				1	50		22.1		0	22.2		19.0		0	20
				25	14		22.1		0	22.2		19.1		0	20
			QPSK	1	1		22.0		0	22.2		19.0		0	20
				1	26		22.1		0	22.2		19.0		0	20
				1	50		22.0		0	22.2		19.0		0	20
				25	14		22.0		0	22.2		18.9		0	20
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						461500	462000	462500	MPR	Max Output Pwr	461500	462000	462500	MPR	Max Output Pwr
						2307.5 MHz	2310 MHz	2312.5 MHz			2307.5 MHz	2310 MHz	2312.5 MHz		
5	DFT-s	15	π/2 BPSK	1	12		22.0		0	22.2		19.0		0	20

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	462000	462000	MPR	Max Output Pwr	462000	462000	462000	MPR	Max Output Pwr
						2310 MHz	2310 MHz	2310 MHz			2310 MHz	2310 MHz	2310 MHz		
10	DFT-s	15	π/2 BPSK	1	1		18.5		0	19.5		19.1		0	19.7
				1	26		18.6		0	19.5		19.5		0	19.7
				1	50		18.4		0	19.5		19.2		0	19.7
				25	14		18.6		0	19.5		19.4		0	19.7
			QPSK	1	1		18.4		0	19.5		19.1		0	19.7
				1	26		18.6		0	19.5		19.2		0	19.7
				1	50		18.3		0	19.5		19.0		0	19.7
				25	14		18.4		0	19.5		19.1		0	19.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						461500	462000	462500	MPR	Max Output Pwr	461500	462000	462500	MPR	Max Output Pwr
						2307.5 MHz	2310 MHz	2312.5 MHz			2307.5 MHz	2310 MHz	2312.5 MHz		
5	DFT-s	15	π/2 BPSK	1	12		18.5		0	19.5		19.2		0	19.7

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	462000	462000	MPR	Max Output Pwr	462000	462000	462000	MPR	Max Output Pwr
						2310 MHz	2310 MHz	2310 MHz			2310 MHz	2310 MHz	2310 MHz		
10	DFT-s	15	π/2 BPSK	1	1		20.8		0	21		19.5		0	20.2
				1	26		21.0		0	21		19.7		0	20.2
				1	50		20.8		0	21		19.5		0	20.2
				25	14		21.0		0	21		19.7		0	20.2
			QPSK	1	1		20.8		0	21		19.5		0	20.2
				1	26		20.9		0	21		19.6		0	20.2
				1	50		20.8		0	21		19.5		0	20.2
				25	14		20.9		0	21		19.6		0	20.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						461500	462000	462500	MPR	Max Output Pwr	461500	462000	462500	MPR	Max Output Pwr
						2307.5 MHz	2310 MHz	2312.5 MHz			2307.5 MHz	2310 MHz	2312.5 MHz		
5	DFT-s	15	π/2 BPSK	1	12		20.9		0	21		19.6		0	20.2

NR Band 30 Measured Results (ANT4)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						462000	462000	462000	MPR	Max Output Pwr	462000	462000	462000	MPR	Max Output Pwr
						2310 MHz	2310 MHz	2310 MHz			2310 MHz	2310 MHz	2310 MHz		
10	DFT-s	15	π/2 BPSK	1	1		21.0		0	21.5		18.2		0	19
				1	26		21.0		0	21.5		18.2		0	19
				1	50		21.0		0	21.5		18.2		0	19
				25	14		20.9		0	21.5		18.0		0	19
			QPSK	1	1		21.1		0	21.5		18.2		0	19
				1	26		21.1		0	21.5		18.2		0	19
				1	50		21.1		0	21.5		18.2		0	19
				25	14		21.0		0	21.5		18.1		0	19
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						461500	462000	462500	MPR	Max Output Pwr	461500	462000	462500	MPR	Max Output Pwr
						2307.5 MHz	2310 MHz	2312.5 MHz			2307.5 MHz	2310 MHz	2312.5 MHz		
5	DFT-s	15	π/2 BPSK	1	12		21.0		0	21.5		18.1		0	19

NR Band 41 Measured Results (ANT1)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						509196	510000	513894	518598	523296	527994	MPR	Max Output Pwr	509196	510000	513894	518598	523296	527994	MPR	Max Output Pwr
						2545.98 MHz	2550 MHz	2569.47 MHz	2592.99 MHz	2616.48 MHz	2639.97 MHz			2545.98 MHz	2550 MHz	2569.47 MHz	2592.99 MHz	2616.48 MHz	2639.97 MHz		
100	DFT-s	30	π/2 BPSK	1	1				23.0			0	23.2				19.1			0	20
				1	136				23.1			0	23.2				19.1			0	20
				1	271				23.1			0	23.2				19.1			0	20
				135	69				23.0			0	23.2				19.2			0	20
			QPSK	1	1				23.0			0	23.2				19.1			0	20
				1	136				23.2			0	23.2				19.2			0	20
				1	271				23.1			0	23.2				19.1			0	20
				135	69				23.1			0	23.2				19.1			0	20
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						508200	508998	513396	518598	523794	528996	MPR	Max Output Pwr	508200	508998	513396	518598	523794	528996	MPR	Max Output Pwr
						2541 MHz	2544.99 MHz	2566.98 MHz	2592.99 MHz	2618.97 MHz	2644.98 MHz			2541 MHz	2544.99 MHz	2566.98 MHz	2592.99 MHz	2618.97 MHz	2644.98 MHz		
90	DFT-s	30	π/2 BPSK	1	122				23.1			0	23.2				19.2			0	20
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						507198	507996	512898	518598	524292	529992	MPR	Max Output Pwr	507198	507996	512898	518598	524292	529992	MPR	Max Output Pwr
						2535.99 MHz	2539.98 MHz	2564.49 MHz	2592.99 MHz	2621.46 MHz	2649.96 MHz			2535.99 MHz	2539.98 MHz	2564.49 MHz	2592.99 MHz	2621.46 MHz	2649.96 MHz		
80	DFT-s	30	π/2 BPSK	1	108				23.2			0	23.2				19.3			0	20
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						506196	507000	512394	518598	524796	530994	MPR	Max Output Pwr	506196	507000	512394	518598	524796	530994	MPR	Max Output Pwr
						2530.98 MHz	2535 MHz	2561.97 MHz	2592.99 MHz	2623.98 MHz	2654.97 MHz			2530.98 MHz	2535 MHz	2561.97 MHz	2592.99 MHz	2623.98 MHz	2654.97 MHz		
70	DFT-s	30	π/2 BPSK	1	94				23.1			0	23.2				19.3			0	20
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						505200	505998	511896	518598	525294	531996	MPR	Max Output Pwr	505200	505998	511896	518598	525294	531996	MPR	Max Output Pwr
						2526 MHz	2529.99 MHz	2559.48 MHz	2592.99 MHz	2626.47 MHz	2659.98 MHz			2526 MHz	2529.99 MHz	2559.48 MHz	2592.99 MHz	2626.47 MHz	2659.98 MHz		
60	DFT-s	30	π/2 BPSK	1	81				23.2			0	23.2				19.3			0	20
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						504198	504996	511398	518598	525792	532992	MPR	Max Output Pwr	504198	504996	511398	518598	525792	532992	MPR	Max Output Pwr
						2520.99 MHz	2524.98 MHz	2556.99 MHz	2592.99 MHz	2628.96 MHz	2664.96 MHz			2520.99 MHz	2524.98 MHz	2556.99 MHz	2592.99 MHz	2628.96 MHz	2664.96 MHz		
50	DFT-s	30	π/2 BPSK	1	66				23.2			0	23.2				19.3			0	20
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						503196	504000	510894	518598	526296	533994	MPR	Max Output Pwr	503196	504000	510894	518598	526296	533994	MPR	Max Output Pwr
						2515.98 MHz	2520 MHz	2554.47 MHz	2592.99 MHz	2631.48 MHz	2669.97 MHz			2515.98 MHz	2520 MHz	2554.47 MHz	2592.99 MHz	2631.48 MHz	2669.97 MHz		
40	DFT-s	30	π/2 BPSK	1	53				23.1			0	23.2				19.3			0	20
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						502200	502998	510396	518598	526794	534996	MPR	Max Output Pwr	502200	502998	510396	518598	526794	534996	MPR	Max Output Pwr
						2511 MHz	2514.99 MHz	2551.98 MHz	2592.99 MHz	2633.97 MHz	2674.98 MHz			2511 MHz	2514.99 MHz	2551.98 MHz	2592.99 MHz	2633.97 MHz	2674.98 MHz		
30	DFT-s	30	π/2 BPSK	1	39	23.0	23.0	23.1	23.2	23.1	23.2	0	23.2	19.2	19.2	19.3	19.3	19.2	19.3	0	20
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						501198	501996	509898	518598	527292	535992	MPR	Max Output Pwr	501198	501996	509898	518598	527292	535992	MPR	Max Output Pwr
						2505.99 MHz	2509.98 MHz	2549.49 MHz	2592.99 MHz	2636.46 MHz	2679.96 MHz			2505.99 MHz	2509.98 MHz	2549.49 MHz	2592.99 MHz	2636.46 MHz	2679.96 MHz		
20	DFT-s	30	π/2 BPSK	1	25	23.0	23.0	23.1	23.1	23.1	23.2	0	23.2	19.2	19.2	19.3	19.3	19.2	19.3	0	20
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						500700	501498	509646	518598	527544	536496	MPR	Max Output Pwr	500700	501498	509646	518598	527544	536496	MPR	Max Output Pwr
						2503.5 MHz	2507.49 MHz	2548.23 MHz	2592.99 MHz	2637.72 MHz	2682.48 MHz			2503.5 MHz	2507.49 MHz	2548.23 MHz	2592.99 MHz	2637.72 MHz	2682.48 MHz		
15	DFT-s	30	π/2 BPSK	1	19	23.2	23.0	23.1	23.1	23.1	23.2	0	23.2	19.1	19.2	19.3	19.3	19.2	19.3	0	20
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						500196	501000	509394	518598	527796	536994	MPR	Max Output Pwr	500196	501000	509394	518598	527796	536994	MPR	Max Output Pwr
						2500.98 MHz	2505 MHz	2546.97 MHz	2592.99 MHz	2638.98 MHz	2684.97 MHz			2500.98 MHz	2505 MHz	2546.97 MHz	2592.99 MHz	2638.98 MHz	2684.97 MHz		
10	DFT-s	30	π/2 BPSK	1	12	23.1	23.2	23.2	23.0	23.0	23.2	0	23.2	19.3	19.1	19.3	19.1	19.3	19.3	0	20

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)							
						509196	510000	513894	518598	523296	527994	MPR	Max Output Pwr	509196	510000	513894	518598	523296	527994	MPR	Max Output Pwr
						2545.98 MHz	2550 MHz	2569.47 MHz	2592.99 MHz	2616.48 MHz	2639.97 MHz			2545.98 MHz	2550 MHz	2569.47 MHz	2592.99 MHz	2616.48 MHz	2639.97 MHz		
100	DFT-s	30	π/2 BPSK	1	1				15.5			0	16.5				18.2			0	18.5
				1	136				15.6			0	16.5				18.5			0	18.5
				1	271				15.5			0	16.5				18.2			0	18.5
				135	69				15.6			0	16.5				18.5			0	18.5
			QPSK	1	1				15.5			0	16.5				18.2			0	18.5
				1	136				15.6			0	16.5				18.3			0	18.5
				1	271				15.6			0	16.5				18.1			0	18.5
				135	69				15.5			0	16.5				18.1			0	18.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						508200	508998	513396	518598	523794	528996	MPR	Max Output Pwr	508200	508998	513396	518598	523794	528996	MPR	Max Output Pwr
						2541 MHz	2544.99 MHz	2566.98 MHz	2592.99 MHz	2618.97 MHz	2644.98 MHz			2541 MHz	2544.99 MHz	2566.98 MHz	2592.99 MHz	2618.97 MHz	2644.98 MHz		
90	DFT-s	30	π/2 BPSK	1	122				15.6			0	16.5				18.3			0	18.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						507198	507996	512898	518598	524292	529992	MPR	Max Output Pwr	507198	507996	512898	518598	524292	529992	MPR	Max Output Pwr
						2535.99 MHz	2539.98 MHz	2564.49 MHz	2592.99 MHz	2621.46 MHz	2649.96 MHz			2535.99 MHz	2539.98 MHz	2564.49 MHz	2592.99 MHz	2621.46 MHz	2649.96 MHz		
80	DFT-s	30	π/2 BPSK	1	108				15.6			0	16.5				18.3			0	18.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						506196	507000	512394	518598	524796	530994	MPR	Max Output Pwr	506196	507000	512394	518598	524796	530994	MPR	Max Output Pwr
						2530.98 MHz	2535 MHz	2561.97 MHz	2592.99 MHz	2623.98 MHz	2654.97 MHz			2530.98 MHz	2535 MHz	2561.97 MHz	2592.99 MHz	2623.98 MHz	2654.97 MHz		
70	DFT-s	30	π/2 BPSK	1	94				15.6			0	16.5				18.3			0	18.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						505200	505998	511896	518598	525294	531996	MPR	Max Output Pwr	505200	505998	511896	518598	525294	531996	MPR	Max Output Pwr
						2526 MHz	2529.99 MHz	2559.48 MHz	2592.99 MHz	2626.47 MHz	2659.98 MHz			2526 MHz	2529.99 MHz	2559.48 MHz	2592.99 MHz	2626.47 MHz	2659.98 MHz		
60	DFT-s	30	π/2 BPSK	1	81				15.5			0	16.5				18.1			0	18.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						504198	504996	511398	518598	525792	532992	MPR	Max Output Pwr	504198	504996	511398	518598	525792	532992	MPR	Max Output Pwr
						2520.99 MHz	2524.98 MHz	2556.99 MHz	2592.99 MHz	2628.96 MHz	2664.96 MHz			2520.99 MHz	2524.98 MHz	2556.99 MHz	2592.99 MHz	2628.96 MHz	2664.96 MHz		
50	DFT-s	30	π/2 BPSK	1	66				15.6			0	16.5				18.3			0	18.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						503196	504000	510894	518598	526296	533994	MPR	Max Output Pwr	503196	504000	510894	518598	526296	533994	MPR	Max Output Pwr
						2515.98 MHz	2520 MHz	2554.47 MHz	2592.99 MHz	2631.48 MHz	2669.97 MHz			2515.98 MHz	2520 MHz	2554.47 MHz	2592.99 MHz	2631.48 MHz	2669.97 MHz		
40	DFT-s	30	π/2 BPSK	1	53				15.6			0	16.5				18.3			0	18.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						502200	502998	510396	518598	526794	534996	MPR	Max Output Pwr	502200	502998	510396	518598	526794	534996	MPR	Max Output Pwr
						2511 MHz	2514.99 MHz	2551.98 MHz	2592.99 MHz	2633.97 MHz	2674.98 MHz			2511 MHz	2514.99 MHz	2551.98 MHz	2592.99 MHz	2633.97 MHz	2674.98 MHz		
30	DFT-s	30	π/2 BPSK	1	39	15.6	15.5	15.6	15.6	15.5	15.5	0	16.5	18.3	18.2	18.2	18.2	18.1	18.1	0	18.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						501198	501996	509898	518598	527292	535992	MPR	Max Output Pwr	501198	501996	509898	518598	527292	535992	MPR	Max Output Pwr
						2505.99 MHz	2509.98 MHz	2549.49 MHz	2592.99 MHz	2636.46 MHz	2679.96 MHz			2505.99 MHz	2509.98 MHz	2549.49 MHz	2592.99 MHz	2636.46 MHz	2679.96 MHz		
20	DFT-s	30	π/2 BPSK	1	25	15.5	15.5	15.6	15.6	15.5	15.6	0	16.5	18.2	18.1	18.3	18.3	18.1	18.1	0	18.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						500700	501498	509646	518598	527544	536496	MPR	Max Output Pwr	500700	501498	509646	518598	527544	536496	MPR	Max Output Pwr
						2503.5 MHz	2507.49 MHz	2548.23 MHz	2592.99 MHz	2637.72 MHz	2682.48 MHz			2503.5 MHz	2507.49 MHz	2548.23 MHz	2592.99 MHz	2637.72 MHz	2682.48 MHz		
15	DFT-s	30	π/2 BPSK	1	19	15.5	15.5	15.5	15.6	15.5	15.5	0	16.5	18.2	18.2	18.2	18.3	18.2	18.2	0	18.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						500196	501000	509394	518598	527796	536994	MPR	Max Output Pwr	500196	501000	509394	518598	527796	536994	MPR	Max Output Pwr
						2500.98 MHz	2505 MHz	2546.97 MHz	2592.99 MHz	2638.98 MHz	2684.97 MHz			2500.98 MHz	2505 MHz	2546.97 MHz	2592.99 MHz	2638.98 MHz	2684.97 MHz		
10	DFT-s	30	π/2 BPSK	1	12	15.5	15.4	15.4	15.6	15.6	15.5	0	16.5	18.0	18.2	18.1	18.4	18.2	18.1	0	18.5

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)							
						509196	510000	513894	518598	523296	527994	MPR	Max Output Pwr	509196	510000	513894	518598	523296	527994	MPR	Max Output Pwr
						2545.98 MHz	2550 MHz	2569.47 MHz	2592.99 MHz	2616.48 MHz	2639.97 MHz			2545.98 MHz	2550 MHz	2569.47 MHz	2592.99 MHz	2616.48 MHz	2639.97 MHz		
100	DFT-s	30	π/2 BPSK	1	1				20.3			0	20.7				18.8			0	19.8
				1	136				20.7			0	20.7				18.8			0	19.8
				1	271				20.3			0	20.7				18.8			0	19.8
				135	69				20.6			0	20.7				18.7			0	19.8
			QPSK	1	1				20.3			0	20.7				19.0			0	19.8
				1	136				20.3			0	20.7				19.0			0	19.8
				1	271				20.2			0	20.7				19.0			0	19.8
				135	69				20.2			0	20.7				19.0			0	19.8
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						508200	508998	513396	518598	523794	528996	MPR	Max Output Pwr	508200	508998	513396	518598	523794	528996	MPR	Max Output Pwr
						2541 MHz	2544.99 MHz	2566.98 MHz	2592.99 MHz	2618.97 MHz	2644.98 MHz			2541 MHz	2544.99 MHz	2566.98 MHz	2592.99 MHz	2618.97 MHz	2644.98 MHz		
90	DFT-s	30	π/2 BPSK	1	122				20.4			0	20.7				19.0			0	19.8
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						507198	507996	512898	518598	524292	529992	MPR	Max Output Pwr	507198	507996	512898	518598	524292	529992	MPR	Max Output Pwr
						2535.99 MHz	2539.98 MHz	2564.49 MHz	2592.99 MHz	2621.46 MHz	2649.96 MHz			2535.99 MHz	2539.98 MHz	2564.49 MHz	2592.99 MHz	2621.46 MHz	2649.96 MHz		
80	DFT-s	30	π/2 BPSK	1	108				20.2			0	20.7				19.0			0	19.8
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						506196	507000	512394	518598	524796	530994	MPR	Max Output Pwr	506196	507000	512394	518598	524796	530994	MPR	Max Output Pwr
						2530.98 MHz	2535 MHz	2561.97 MHz	2592.99 MHz	2623.98 MHz	2654.97 MHz			2530.98 MHz	2535 MHz	2561.97 MHz	2592.99 MHz	2623.98 MHz	2654.97 MHz		
70	DFT-s	30	π/2 BPSK	1	94				20.3			0	20.7				19.0			0	19.8
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						505200	505998	511896	518598	525294	531996	MPR	Max Output Pwr	505200	505998	511896	518598	525294	531996	MPR	Max Output Pwr
						2526 MHz	2529.99 MHz	2559.48 MHz	2592.99 MHz	2626.47 MHz	2659.98 MHz			2526 MHz	2529.99 MHz	2559.48 MHz	2592.99 MHz	2626.47 MHz	2659.98 MHz		
60	DFT-s	30	π/2 BPSK	1	81				20.4			0	20.7				19.0			0	19.8
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						504198	504996	511398	518598	525792	532992	MPR	Max Output Pwr	504198	504996	511398	518598	525792	532992	MPR	Max Output Pwr
						2520.99 MHz	2524.98 MHz	2556.99 MHz	2592.99 MHz	2628.96 MHz	2664.96 MHz			2520.99 MHz	2524.98 MHz	2556.99 MHz	2592.99 MHz	2628.96 MHz	2664.96 MHz		
50	DFT-s	30	π/2 BPSK	1	66				20.3			0	20.7				19.0			0	19.8
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						503196	504000	510894	518598	526296	533994	MPR	Max Output Pwr	503196	504000	510894	518598	526296	533994	MPR	Max Output Pwr
						2515.98 MHz	2520 MHz	2554.47 MHz	2592.99 MHz	2631.48 MHz	2669.97 MHz			2515.98 MHz	2520 MHz	2554.47 MHz	2592.99 MHz	2631.48 MHz	2669.97 MHz		
40	DFT-s	30	π/2 BPSK	1	53				20.4			0	20.7				19.0			0	19.8
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						502200	502998	510396	518598	526794	534996	MPR	Max Output Pwr	502200	502998	510396	518598	526794	534996	MPR	Max Output Pwr
						2511 MHz	2514.99 MHz	2551.98 MHz	2592.99 MHz	2633.97 MHz	2674.98 MHz			2511 MHz	2514.99 MHz	2551.98 MHz	2592.99 MHz	2633.97 MHz	2674.98 MHz		
30	DFT-s	30	π/2 BPSK	1	39	20.6	20.5	20.4	20.3	20.3	20.4	0	20.7	19.0	19.0	19.0	19.0	19.0	19.0	0	19.8
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						501198	501996	509898	518598	527292	535992	MPR	Max Output Pwr	501198	501996	509898	518598	527292	535992	MPR	Max Output Pwr
						2505.99 MHz	2509.98 MHz	2549.49 MHz	2592.99 MHz	2636.46 MHz	2679.96 MHz			2505.99 MHz	2509.98 MHz	2549.49 MHz	2592.99 MHz	2636.46 MHz	2679.96 MHz		
20	DFT-s	30	π/2 BPSK	1	25	20.5	20.5	20.4	20.3	20.3	20.4	0	20.7	19.0	19.0	19.0	19.0	19.0	19.0	0	19.8
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						500700	501498	509646	518598	527544	536496	MPR	Max Output Pwr	500700	501498	509646	518598	527544	536496	MPR	Max Output Pwr
						2503.5 MHz	2507.49 MHz	2548.23 MHz	2592.99 MHz	2637.72 MHz	2682.48 MHz			2503.5 MHz	2507.49 MHz	2548.23 MHz	2592.99 MHz	2637.72 MHz	2682.48 MHz		
15	DFT-s	30	π/2 BPSK	1	19	20.5	20.5	20.4	20.3	20.3	20.3	0	20.7	19.0	19.0	19.0	19.0	19.0	19.0	0	19.8
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						500196	501000	509394	518598	527796	536994	MPR	Max Output Pwr	500196	501000	509394	518598	527796	536994	MPR	Max Output Pwr
						2500.98 MHz	2505 MHz	2546.97 MHz	2592.99 MHz	2638.98 MHz	2684.97 MHz			2500.98 MHz	2505 MHz	2546.97 MHz	2592.99 MHz	2638.98 MHz	2684.97 MHz		
10	DFT-s	30	π/2 BPSK	1	12	20.5	20.4	20.3	20.2	20.2	20.3	0	20.7	19.0	19.0	19.0	19.0	19.0	19.0	0	19.8

NR Band 41 Measured Results (ANT4)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						509196	510000	513894	518598	523296	527994	MPR	Max Output Pwr	509196	510000	513894	518598	523296	527994	MPR	Max Output Pwr
						2545.98 MHz	2550 MHz	2569.47 MHz	2592.99 MHz	2616.48 MHz	2639.97 MHz			2545.98 MHz	2550 MHz	2569.47 MHz	2592.99 MHz	2616.48 MHz	2639.97 MHz		
100	DFT-s	30	π/2 BPSK	1	1				18.7			0	19.5				17.1			0	18.2
				1	136				18.8			0	19.5				17.2			0	18.2
				1	271				18.8			0	19.5				17.0			0	18.2
				135	69				18.8			0	19.5				17.2			0	18.2
			QPSK	1	1				18.9			0	19.5				17.0			0	18.2
				1	136				19.0			0	19.5				16.9			0	18.2
				1	271				18.8			0	19.5				16.6			0	18.2
				135	69				19.0			0	19.5				16.9			0	18.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						508200	508998	513396	518598	523794	528996	MPR	Max Output Pwr	508200	508998	513396	518598	523794	528996	MPR	Max Output Pwr
						2541 MHz	2544.99 MHz	2566.98 MHz	2592.99 MHz	2618.97 MHz	2644.98 MHz			2541 MHz	2544.99 MHz	2566.98 MHz	2592.99 MHz	2618.97 MHz	2644.98 MHz		
90	DFT-s	30	π/2 BPSK	1	122				19.1			0	19.5				17.0			0	18.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						507198	507996	512898	518598	524292	529992	MPR	Max Output Pwr	507198	507996	512898	518598	524292	529992	MPR	Max Output Pwr
						2535.99 MHz	2539.98 MHz	2564.49 MHz	2592.99 MHz	2621.46 MHz	2649.96 MHz			2535.99 MHz	2539.98 MHz	2564.49 MHz	2592.99 MHz	2621.46 MHz	2649.96 MHz		
80	DFT-s	30	π/2 BPSK	1	108				19.1			0	19.5				17.0			0	18.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						506196	507000	512394	518598	524796	530994	MPR	Max Output Pwr	506196	507000	512394	518598	524796	530994	MPR	Max Output Pwr
						2530.98 MHz	2535 MHz	2561.97 MHz	2592.99 MHz	2623.98 MHz	2654.97 MHz			2530.98 MHz	2535 MHz	2561.97 MHz	2592.99 MHz	2623.98 MHz	2654.97 MHz		
70	DFT-s	30	π/2 BPSK	1	94				19.1			0	19.5				16.9			0	18.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						505200	505998	511896	518598	525294	531996	MPR	Max Output Pwr	505200	505998	511896	518598	525294	531996	MPR	Max Output Pwr
						2526 MHz	2529.99 MHz	2559.48 MHz	2592.99 MHz	2626.47 MHz	2659.98 MHz			2526 MHz	2529.99 MHz	2559.48 MHz	2592.99 MHz	2626.47 MHz	2659.98 MHz		
60	DFT-s	30	π/2 BPSK	1	81				19.1			0	19.5				17.1			0	18.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						504198	504996	511398	518598	525792	532992	MPR	Max Output Pwr	504198	504996	511398	518598	525792	532992	MPR	Max Output Pwr
						2520.99 MHz	2524.98 MHz	2556.99 MHz	2592.99 MHz	2628.96 MHz	2664.96 MHz			2520.99 MHz	2524.98 MHz	2556.99 MHz	2592.99 MHz	2628.96 MHz	2664.96 MHz		
50	DFT-s	30	π/2 BPSK	1	66				19.2			0	19.5				17.1			0	18.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						503196	504000	510894	518598	526296	533994	MPR	Max Output Pwr	503196	504000	510894	518598	526296	533994	MPR	Max Output Pwr
						2515.98 MHz	2520 MHz	2554.47 MHz	2592.99 MHz	2631.48 MHz	2669.97 MHz			2515.98 MHz	2520 MHz	2554.47 MHz	2592.99 MHz	2631.48 MHz	2669.97 MHz		
40	DFT-s	30	π/2 BPSK	1	53				19.1			0	19.5				17.1			0	18.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						502200	502998	510396	518598	526794	534996	MPR	Max Output Pwr	502200	502998	510396	518598	526794	534996	MPR	Max Output Pwr
						2511 MHz	2514.99 MHz	2551.98 MHz	2592.99 MHz	2633.97 MHz	2674.98 MHz			2511 MHz	2514.99 MHz	2551.98 MHz	2592.99 MHz	2633.97 MHz	2674.98 MHz		
30	DFT-s	30	π/2 BPSK	1	39	19.1	19.1	19.2	19.2	18.7	18.6	0	19.5	17.0	17.0	17.1	17.1	17.5	17.5	0	18.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						501198	501996	509898	518598	527292	535992	MPR	Max Output Pwr	501198	501996	509898	518598	527292	535992	MPR	Max Output Pwr
						2505.99 MHz	2509.98 MHz	2549.49 MHz	2592.99 MHz	2636.46 MHz	2679.96 MHz			2505.99 MHz	2509.98 MHz	2549.49 MHz	2592.99 MHz	2636.46 MHz	2679.96 MHz		
20	DFT-s	30	π/2 BPSK	1	25	19.0	19.0	19.2	19.2	18.8	18.6	0	19.5	16.9	16.9	17.2	17.1	16.8	17.4	0	18.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						500700	501498	509646	518598	527544	536496	MPR	Max Output Pwr	500700	501498	509646	518598	527544	536496	MPR	Max Output Pwr
						2503.5 MHz	2507.49 MHz	2548.23 MHz	2592.99 MHz	2637.72 MHz	2682.48 MHz			2503.5 MHz	2507.49 MHz	2548.23 MHz	2592.99 MHz	2637.72 MHz	2682.48 MHz		
15	DFT-s	30	π/2 BPSK	1	19	18.9	19.0	19.2	19.2	18.8	18.6	0	19.5	16.8	16.9	17.2	16.7	16.7	17.5	0	18.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						500196	501000	509394	518598	527796	536994	MPR	Max Output Pwr	500196	501000	509394	518598	527796	536994	MPR	Max Output Pwr
						2500.98 MHz	2505 MHz	2546.97 MHz	2592.99 MHz	2638.98 MHz	2684.97 MHz			2500.98 MHz	2505 MHz	2546.97 MHz	2592.99 MHz	2638.98 MHz	2684.97 MHz		
10	DFT-s	30	π/2 BPSK	1	12	18.8	18.9	19.1	19.0	18.8	18.5	0	19.5	16.7	16.8	17.0	17.0	16.7	17.5	0	18.2

NR Band 48 Measured Results (ANT7)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						Power Mode B (dBm)					
						638000	640444	642888	645332	MPR	Max Output Pwr	638000	640444	642888	645332	MPR	Max Output Pwr
						3570 MHz	3606.66 MHz	3643.32 MHz	3679.98 MHz			3570 MHz	3606.66 MHz	3643.32 MHz	3679.98 MHz		
40	DFT-s	30	π/2 BPSK	1	1	[redacted]		21.2	[redacted]	0	21.5	[redacted]		19.7	[redacted]	0	20.5
				1	53			21.2		0	21.5			19.7		0	20.5
				1	104			21.2		0	21.5			19.7		0	20.5
				50	28			21.1		0	21.5			19.6		0	20.5
			QPSK	1	1			21.3		0	21.5			19.9		0	20.5
				1	53			21.3		0	21.5			19.7		0	20.5
				1	104			21.3		0	21.5			19.8		0	20.5
				50	28			21.2		0	21.5			19.7		0	20.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						Power Mode B (dBm)					
						637668	640334	643000	645666	MPR	Max Output Pwr	637668	640334	643000	645666	MPR	Max Output Pwr
						3565.02 MHz	3605.01 MHz	3645 MHz	3684.99 MHz			3565.02 MHz	3605.01 MHz	3645 MHz	3684.99 MHz		
30	DFT-s	30	π/2 BPSK	1	39	21.4	21.4	21.2	21.1	0	21.5	19.8	19.9	19.8	19.7	0	20.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						Power Mode B (dBm)					
						637334	640222	643110	645998	MPR	Max Output Pwr	637334	640222	643110	645998	MPR	Max Output Pwr
						3560.01 MHz	3603.33 MHz	3646.65 MHz	3689.97 MHz			3560.01 MHz	3603.33 MHz	3646.65 MHz	3689.97 MHz		
20	DFT-s	30	π/2 BPSK	1	25	21.4	21.4	21.2	21.1	0	21.5	19.9	19.9	19.8	19.8	0	20.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						Power Mode B (dBm)					
						637168	640166	643166	646166	MPR	Max Output Pwr	637168	640166	643166	646166	MPR	Max Output Pwr
						3557.52 MHz	3602.49 MHz	3647.49 MHz	3692.49 MHz			3557.52 MHz	3602.49 MHz	3647.49 MHz	3692.49 MHz		
15	DFT-s	30	π/2 BPSK	1	19	21.3	21.4	21.2	21.1	0	21.5	19.9	19.8	19.8	19.8	0	20.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						Power Mode B (dBm)					
						637000	640110	643222	646332	MPR	Max Output Pwr	637000	640110	643222	646332	MPR	Max Output Pwr
						3555 MHz	3601.65 MHz	3648.33 MHz	3694.98 MHz			3555 MHz	3601.65 MHz	3648.33 MHz	3694.98 MHz		
10	DFT-s	30	π/2 BPSK	1	12	21.2	21.2	21.1	21.1	0	21.5	19.7	19.7	19.7	19.7	0	20.5

NR Band 48 Measured Results (ANT8)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						Power Mode B (dBm)					
						638000	640444	642888	645332	MPR	Max Output Pwr	638000	640444	642888	645332	MPR	Max Output Pwr
						3570 MHz	3606.66 MHz	3643.32 MHz	3679.98 MHz			3570 MHz	3606.66 MHz	3643.32 MHz	3679.98 MHz		
40	DFT-s	30	π/2 BPSK	1	1	[redacted]		19.8	[redacted]	0	20.8	[redacted]		20.1	[redacted]	0	20.5
				1	53			19.8		0	20.8			20.1		0	20.5
				1	104			19.8		0	20.8			20.1		0	20.5
				50	28			19.8		0	20.8			20.1		0	20.5
			QPSK	1	1			19.8		0	20.8			20.4		0	20.5
				1	53			19.8		0	20.8			20.3		0	20.5
				1	104			19.8		0	20.8			20.3		0	20.5
				50	28			19.8		0	20.8			20.2		0	20.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						Power Mode B (dBm)					
						637668	640334	643000	645666	MPR	Max Output Pwr	637668	640334	643000	645666	MPR	Max Output Pwr
						3565.02 MHz	3605.01 MHz	3645 MHz	3684.99 MHz			3565.02 MHz	3605.01 MHz	3645 MHz	3684.99 MHz		
30	DFT-s	30	π/2 BPSK	1	39	19.8	19.8	19.8	19.8	0	20.8	19.9	20.1	20.2	20.2	0	20.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						Power Mode B (dBm)					
						637334	640222	643110	645998	MPR	Max Output Pwr	637334	640222	643110	645998	MPR	Max Output Pwr
						3560.01 MHz	3603.33 MHz	3646.65 MHz	3689.97 MHz			3560.01 MHz	3603.33 MHz	3646.65 MHz	3689.97 MHz		
20	DFT-s	30	π/2 BPSK	1	25	19.8	19.8	19.8	19.8	0	20.8	19.9	20.1	20.2	20.2	0	20.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						Power Mode B (dBm)					
						637168	640166	643166	646166	MPR	Max Output Pwr	637168	640166	643166	646166	MPR	Max Output Pwr
						3557.52 MHz	3602.49 MHz	3647.49 MHz	3692.49 MHz			3557.52 MHz	3602.49 MHz	3647.49 MHz	3692.49 MHz		
15	DFT-s	30	π/2 BPSK	1	19	19.8	19.8	19.8	19.8	0	20.8	19.9	20.2	20.2	20.2	0	20.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						Power Mode B (dBm)					
						637000	640110	643222	646332	MPR	Max Output Pwr	637000	640110	643222	646332	MPR	Max Output Pwr
						3555 MHz	3601.65 MHz	3648.33 MHz	3694.98 MHz			3555 MHz	3601.65 MHz	3648.33 MHz	3694.98 MHz		
10	DFT-s	30	π/2 BPSK	1	12	19.8	19.8	19.8	19.8	0	20.8	19.9	20.1	20.0	19.9	0	20.5

NR Band 48 Measured Results (ANT9)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						Power Mode B (dBm)					
						638000	640444	642888	645332	MPR	Max Output Pwr	638000	640444	642888	645332	MPR	Max Output Pwr
						3570 MHz	3606.66 MHz	3643.32 MHz	3679.98 MHz			3570 MHz	3606.66 MHz	3643.32 MHz	3679.98 MHz		
40	DFT-s	30	π/2 BPSK	1	1	[redacted]		23.1	[redacted]	0	23.3	[redacted]		20.1	[redacted]	0	20.8
				1	53			23.1		0	23.3			20.1		0	20.8
				1	104			23.1		0	23.3			20.1		0	20.8
				50	28			23.0		0	23.3			20.0		0	20.8
			QPSK	1	1			23.1		0	23.3			20.1		0	20.8
				1	53			23.0		0	23.3			20.0		0	20.8
				1	104			23.1		0	23.3			20.1		0	20.8
				50	28			23.0		0	23.3			20.0		0	20.8
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						Power Mode B (dBm)					
						637668	640334	643000	645666	MPR	Max Output Pwr	637668	640334	643000	645666	MPR	Max Output Pwr
						3565.02 MHz	3605.01 MHz	3645 MHz	3684.99 MHz			3565.02 MHz	3605.01 MHz	3645 MHz	3684.99 MHz		
30	DFT-s	30	π/2 BPSK	1	39	22.9	23.0	23.0	22.9	0	23.3	20.0	20.0	20.0	19.9	0	20.8
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						Power Mode B (dBm)					
						637334	640222	643110	645998	MPR	Max Output Pwr	637334	640222	643110	645998	MPR	Max Output Pwr
						3560.01 MHz	3603.33 MHz	3646.65 MHz	3689.97 MHz			3560.01 MHz	3603.33 MHz	3646.65 MHz	3689.97 MHz		
20	DFT-s	30	π/2 BPSK	1	25	22.9	23.0	23.0	22.9	0	23.3	19.9	20.0	20.0	19.9	0	20.8
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						Power Mode B (dBm)					
						637168	640166	643166	646166	MPR	Max Output Pwr	637168	640166	643166	646166	MPR	Max Output Pwr
						3557.52 MHz	3602.49 MHz	3647.49 MHz	3692.49 MHz			3557.52 MHz	3602.49 MHz	3647.49 MHz	3692.49 MHz		
15	DFT-s	30	π/2 BPSK	1	19	22.9	22.9	23.0	22.9	0	23.3	19.9	19.9	20.0	19.9	0	20.8
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						Power Mode B (dBm)					
						637000	640110	643222	646332	MPR	Max Output Pwr	637000	640110	643222	646332	MPR	Max Output Pwr
						3555 MHz	3601.65 MHz	3648.33 MHz	3694.98 MHz			3555 MHz	3601.65 MHz	3648.33 MHz	3694.98 MHz		
10	DFT-s	30	π/2 BPSK	1	12	22.8	22.9	22.9	22.8	0	23.3	19.8	19.9	19.9	19.9	0	20.8

NR Band 48 Measured Results (ANT4)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						Power Mode B (dBm)					
						638000	640444	642888	645332	MPR	Max Output Pwr	638000	640444	642888	645332	MPR	Max Output Pwr
						3570 MHz	3606.66 MHz	3643.32 MHz	3679.98 MHz			3570 MHz	3606.66 MHz	3643.32 MHz	3679.98 MHz		
40	DFT-s	30	π/2 BPSK	1	1	[redacted]		20.8	[redacted]	0	21.8	[redacted]		18.4	[redacted]	0	19.5
				1	53			20.8		0	21.8			18.5		0	19.5
				1	104			20.9		0	21.8			18.5		0	19.5
				50	28			20.8		0	21.8			18.5		0	19.5
			QPSK	1	1			20.9		0	21.8			18.5		0	19.5
				1	53			20.7		0	21.8			18.5		0	19.5
				1	104			20.8		0	21.8			18.5		0	19.5
				50	28			20.7		0	21.8			18.3		0	19.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						Power Mode B (dBm)					
						637668	640334	643000	645666	MPR	Max Output Pwr	637668	640334	643000	645666	MPR	Max Output Pwr
						3565.02 MHz	3605.01 MHz	3645 MHz	3684.99 MHz			3565.02 MHz	3605.01 MHz	3645 MHz	3684.99 MHz		
30	DFT-s	30	π/2 BPSK	1	39	21.1	20.9	20.8	20.8	0	21.8	18.7	18.6	18.4	18.5	0	19.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						Power Mode B (dBm)					
						637334	640222	643110	645998	MPR	Max Output Pwr	637334	640222	643110	645998	MPR	Max Output Pwr
						3560.01 MHz	3603.33 MHz	3646.65 MHz	3689.97 MHz			3560.01 MHz	3603.33 MHz	3646.65 MHz	3689.97 MHz		
20	DFT-s	30	π/2 BPSK	1	25	21.0	20.9	20.7	20.9	0	21.8	18.8	18.6	18.5	18.5	0	19.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						Power Mode B (dBm)					
						637168	640166	643166	646166	MPR	Max Output Pwr	637168	640166	643166	646166	MPR	Max Output Pwr
						3557.52 MHz	3602.49 MHz	3647.49 MHz	3692.49 MHz			3557.52 MHz	3602.49 MHz	3647.49 MHz	3692.49 MHz		
15	DFT-s	30	π/2 BPSK	1	19	21.0	20.9	20.7	20.8	0	21.8	18.8	18.5	18.5	18.6	0	19.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						Power Mode B (dBm)					
						637000	640110	643222	646332	MPR	Max Output Pwr	637000	640110	643222	646332	MPR	Max Output Pwr
						3555 MHz	3601.65 MHz	3648.33 MHz	3694.98 MHz			3555 MHz	3601.65 MHz	3648.33 MHz	3694.98 MHz		
10	DFT-s	30	π/2 BPSK	1	12	20.9	20.8	20.6	20.7	0	21.8	18.6	18.4	18.2	18.4	0	19.5

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)				
						497700	497840	498000	MPR	Max Output Pwr	497700	497840	498000	MPR	Max Output Pwr
						2488.5 MHz	2489.2 MHz	2490 MHz			2488.5 MHz	2489.2 MHz	2490 MHz		
10	DFT-s	30	π/2 BPSK	1	1		20.5		0	20.7		19.2		0	20
				1	12		20.5		0	20.7		19.2		0	20
				1	22		20.5		0	20.7		19.2		0	20
				12	6		20.5		0	20.7		19.1		0	20
			QPSK	1	1		20.6		0	20.7		19.1		0	20
				1	12		20.6		0	20.7		19.2		0	20
				1	22		20.6		0	20.7		19.2		0	20
				12	6		20.6		0	20.7		19.1		0	20

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)				
						497700	497840	498000	MPR	Max Output Pwr	497700	497840	498000	MPR	Max Output Pwr
						2488.5 MHz	2489.2 MHz	2490 MHz			2488.5 MHz	2489.2 MHz	2490 MHz		
10	DFT-s	30	π/2 BPSK	1	1		15.5		0	16.5		18.4		0	18.5
				1	12		15.5		0	16.5		18.5		0	18.5
				1	22		15.5		0	16.5		18.4		0	18.5
				12	6		15.5		0	16.5		18.5		0	18.5
			QPSK	1	1		15.5		0	16.5		18.3		0	18.5
				1	12		15.5		0	16.5		18.4		0	18.5
				1	22		15.5		0	16.5		18.4		0	18.5
				12	6		15.5		0	16.5		18.4		0	18.5

NR Band 66 Measured Results (ANT1)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						346000	349000	352000	MPR	Max Output Pwr	346000	349000	352000	MPR	Max Output Pwr
						1730 MHz	1745 MHz	1760 MHz			1730 MHz	1745 MHz	1760 MHz		
40	DFT-s	15	π/2 BPSK	1	1		24.9		0	25		18.8		0	19.7
				1	108		25.0		0	25		18.8		0	19.7
				1	214		24.8		0	25		18.8		0	19.7
				108	54		25.0		0	25		18.8		0	19.7
			QPSK	1	1		24.9		0	25		18.8		0	19.7
				1	108		24.9		0	25		18.8		0	19.7
				1	214		24.8		0	25		18.8		0	19.7
				108	54		24.9		0	25		18.8		0	19.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						345500	349000	352500	MPR	Max Output Pwr	345500	349000	352500	MPR	Max Output Pwr
						1727.5 MHz	1745 MHz	1762.5 MHz			1727.5 MHz	1745 MHz	1762.5 MHz		
35	DFT-s	15	π/2 BPSK	1	94		24.8		0	25		18.9		0	19.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						345000	349000	353000	MPR	Max Output Pwr	345000	349000	353000	MPR	Max Output Pwr
						1725 MHz	1745 MHz	1765 MHz			1725 MHz	1745 MHz	1765 MHz		
30	DFT-s	15	π/2 BPSK	1	80		24.9		0	25		18.9		0	19.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						344500	349000	353500	MPR	Max Output Pwr	344500	349000	353500	MPR	Max Output Pwr
						1722.5 MHz	1745 MHz	1767.5 MHz			1722.5 MHz	1745 MHz	1767.5 MHz		
25	DFT-s	15	π/2 BPSK	1	66		24.8		0	25		18.9		0	19.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						344000	349000	354000	MPR	Max Output Pwr	344000	349000	354000	MPR	Max Output Pwr
						1720 MHz	1745 MHz	1770 MHz			1720 MHz	1745 MHz	1770 MHz		
20	DFT-s	15	π/2 BPSK	1	53	25.0	24.8	24.8	0	25	18.9	18.9	18.9	0	19.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						343500	349000	354500	MPR	Max Output Pwr	343500	349000	354500	MPR	Max Output Pwr
						1717.5 MHz	1745 MHz	1772.5 MHz			1717.5 MHz	1745 MHz	1772.5 MHz		
15	DFT-s	15	π/2 BPSK	1	39	25.0	24.8	24.8	0	25	18.9	18.9	18.9	0	19.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						343000	349000	355000	MPR	Max Output Pwr	343000	349000	355000	MPR	Max Output Pwr
						1715 MHz	1745 MHz	1775 MHz			1715 MHz	1745 MHz	1775 MHz		
10	DFT-s	15	π/2 BPSK	1	26	25.0	24.9	24.8	0	25	18.9	18.9	18.9	0	19.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						342500	349000	355500	MPR	Max Output Pwr	342500	349000	355500	MPR	Max Output Pwr
						1712.5 MHz	1745 MHz	1777.5 MHz			1712.5 MHz	1745 MHz	1777.5 MHz		
5	DFT-s	15	π/2 BPSK	1	12	24.9	24.8	24.7	0	25	18.9	18.9	18.9	0	19.7

NR Band 66 Measured Results (ANT2)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						346000	349000	352000	MPR	Max Output Pwr	346000	349000	352000	MPR	Max Output Pwr
						1730 MHz	1745 MHz	1760 MHz			1730 MHz	1745 MHz	1760 MHz		
40	DFT-s	15	π/2 BPSK	1	1		22.1		0	23		21.0		0	22
				1	108		22.1		0	23		21.0		0	22
				1	214		22.0		0	23		20.9		0	22
				108	54		22.1		0	23		21.0		0	22
			QPSK	1	1		22.1		0	23		21.0		0	22
				1	108		22.0		0	23		21.0		0	22
				1	214		22.0		0	23		20.9		0	22
				108	54		22.1		0	23		21.0		0	22
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						345500	349000	352500	MPR	Max Output Pwr	345500	349000	352500	MPR	Max Output Pwr
						1727.5 MHz	1745 MHz	1762.5 MHz			1727.5 MHz	1745 MHz	1762.5 MHz		
35	DFT-s	15	π/2 BPSK	1	94		22.1		0	23		21.0		0	22
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						345000	349000	353000	MPR	Max Output Pwr	345000	349000	353000	MPR	Max Output Pwr
						1725 MHz	1745 MHz	1765 MHz			1725 MHz	1745 MHz	1765 MHz		
30	DFT-s	15	π/2 BPSK	1	80		22.1		0	23		21.0		0	22
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						344500	349000	353500	MPR	Max Output Pwr	344500	349000	353500	MPR	Max Output Pwr
						1722.5 MHz	1745 MHz	1767.5 MHz			1722.5 MHz	1745 MHz	1767.5 MHz		
25	DFT-s	15	π/2 BPSK	1	66		22.1		0	23		21.0		0	22
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						344000	349000	354000	MPR	Max Output Pwr	344000	349000	354000	MPR	Max Output Pwr
						1720 MHz	1745 MHz	1770 MHz			1720 MHz	1745 MHz	1770 MHz		
20	DFT-s	15	π/2 BPSK	1	53	22.1	22.1	22.0	0.0	23	21.0	21.0	20.9	0	22
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						343500	349000	354500	MPR	Max Output Pwr	343500	349000	354500	MPR	Max Output Pwr
						1717.5 MHz	1745 MHz	1772.5 MHz			1717.5 MHz	1745 MHz	1772.5 MHz		
15	DFT-s	15	π/2 BPSK	1	39	22.1	22.1	22.0	0	23	21.0	21.0	20.9	0	22
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						343000	349000	355000	MPR	Max Output Pwr	343000	349000	355000	MPR	Max Output Pwr
						1715 MHz	1745 MHz	1775 MHz			1715 MHz	1745 MHz	1775 MHz		
10	DFT-s	15	π/2 BPSK	1	26	22.1	21.9	21.8	0	23	21.0	20.8	20.7	0	22
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						342500	349000	355500	MPR	Max Output Pwr	342500	349000	355500	MPR	Max Output Pwr
						1712.5 MHz	1745 MHz	1777.5 MHz			1712.5 MHz	1745 MHz	1777.5 MHz		
5	DFT-s	15	π/2 BPSK	1	12	22.1	22.0	21.8	0	23	21.0	20.9	20.6	0	22

NR Band 66 Measured Results (ANT3)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						346000	349000	352000	MPR	Max Output Pwr	346000	349000	352000	MPR	Max Output Pwr
						1730 MHz	1745 MHz	1760 MHz			1730 MHz	1745 MHz	1760 MHz		
40	DFT-s	15	π/2 BPSK	1	1		20.8		0	21		19.6		0	20.7
				1	108		21.0		0	21		19.7		0	20.7
				1	214		20.9		0	21		19.7		0	20.7
				108	54		21.0		0	21		19.8		0	20.7
			QPSK	1	1		20.8		0	21		19.6		0	20.7
				1	108		21.0		0	21		19.8		0	20.7
				1	214		20.8		0	21		19.6		0	20.7
				108	54		21.0		0	21		19.8		0	20.7

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						345500	349000	352500	MPR	Max Output Pwr	345500	349000	352500	MPR	Max Output Pwr
						1727.5 MHz	1745 MHz	1762.5 MHz			1727.5 MHz	1745 MHz	1762.5 MHz		
35	DFT-s	15	π/2 BPSK	1	94		21.0		0	21		19.8		0	20.7

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						345000	349000	353000	MPR	Max Output Pwr	345000	349000	353000	MPR	Max Output Pwr
						1725 MHz	1745 MHz	1765 MHz			1725 MHz	1745 MHz	1765 MHz		
30	DFT-s	15	π/2 BPSK	1	80		21.0		0	21		19.8		0	20.7

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						344500	349000	353500	MPR	Max Output Pwr	344500	349000	353500	MPR	Max Output Pwr
						1722.5 MHz	1745 MHz	1767.5 MHz			1722.5 MHz	1745 MHz	1767.5 MHz		
25	DFT-s	15	π/2 BPSK	1	66		21.0		0	21		19.8		0	20.7

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						344000	349000	354000	MPR	Max Output Pwr	344000	349000	354000	MPR	Max Output Pwr
						1720 MHz	1745 MHz	1770 MHz			1720 MHz	1745 MHz	1770 MHz		
20	DFT-s	15	π/2 BPSK	1	53	21.0	21.0	20.9	0	21	19.8	19.8	19.7	0	20.7

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						343500	349000	354500	MPR	Max Output Pwr	343500	349000	354500	MPR	Max Output Pwr
						1717.5 MHz	1745 MHz	1772.5 MHz			1717.5 MHz	1745 MHz	1772.5 MHz		
15	DFT-s	15	π/2 BPSK	1	39	20.9	21.0	20.9	0	21	19.7	19.8	19.7	0	20.7

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						343000	349000	355000	MPR	Max Output Pwr	343000	349000	355000	MPR	Max Output Pwr
						1715 MHz	1745 MHz	1775 MHz			1715 MHz	1745 MHz	1775 MHz		
10	DFT-s	15	π/2 BPSK	1	26	20.9	21.0	20.9	0	21	19.7	19.8	19.7	0	20.7

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						342500	349000	355500	MPR	Max Output Pwr	342500	349000	355500	MPR	Max Output Pwr
						1712.5 MHz	1745 MHz	1777.5 MHz			1712.5 MHz	1745 MHz	1777.5 MHz		
5	DFT-s	15	π/2 BPSK	1	12	21.0	21.0	20.9	0	21	19.8	19.8	19.7	0	20.7

NR Band 66 Measured Results (ANT4)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						346000	349000	352000	MPR	Max Output Pwr	346000	349000	352000	MPR	Max Output Pwr
						1730 MHz	1745 MHz	1760 MHz			1730 MHz	1745 MHz	1760 MHz		
40	DFT-s	15	π/2 BPSK	1	1		19.9		0	20.5		18.5		0	19.5
				1	108		19.9		0	20.5		18.5		0	19.5
				1	214		19.9		0	20.5		18.5		0	19.5
				108	54		19.9		0	20.5		18.5		0	19.5
			QPSK	1	1		19.8		0	20.5		18.5		0	19.5
				1	108		19.9		0	20.5		18.5		0	19.5
				1	214		19.9		0	20.5		18.5		0	19.5
				108	54		19.9		0	20.5		18.5		0	19.5

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						345500	349000	352500	MPR	Max Output Pwr	345500	349000	352500	MPR	Max Output Pwr
						1727.5 MHz	1745 MHz	1762.5 MHz			1727.5 MHz	1745 MHz	1762.5 MHz		
35	DFT-s	15	π/2 BPSK	1	94		19.9		0	20.5		18.5		0	19.5

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						345000	349000	353000	MPR	Max Output Pwr	345000	349000	353000	MPR	Max Output Pwr
						1725 MHz	1745 MHz	1765 MHz			1725 MHz	1745 MHz	1765 MHz		
30	DFT-s	15	π/2 BPSK	1	80		19.9		0	20.5		18.5		0	19.5

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						344500	349000	353500	MPR	Max Output Pwr	344500	349000	353500	MPR	Max Output Pwr
						1722.5 MHz	1745 MHz	1767.5 MHz			1722.5 MHz	1745 MHz	1767.5 MHz		
25	DFT-s	15	π/2 BPSK	1	66		19.9		0	20.5		18.5		0	19.5

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						344000	349000	354000	MPR	Max Output Pwr	344000	349000	354000	MPR	Max Output Pwr
						1720 MHz	1745 MHz	1770 MHz			1720 MHz	1745 MHz	1770 MHz		
20	DFT-s	15	π/2 BPSK	1	53	19.9	19.9	19.9	0	20.5	18.5	18.5	18.5	0	19.5

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						343500	349000	354500	MPR	Max Output Pwr	343500	349000	354500	MPR	Max Output Pwr
						1717.5 MHz	1745 MHz	1772.5 MHz			1717.5 MHz	1745 MHz	1772.5 MHz		
15	DFT-s	15	π/2 BPSK	1	39	19.9	19.9	19.9	0	20.5	18.5	18.5	18.5	0	19.5

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						343000	349000	355000	MPR	Max Output Pwr	343000	349000	355000	MPR	Max Output Pwr
						1715 MHz	1745 MHz	1775 MHz			1715 MHz	1745 MHz	1775 MHz		
10	DFT-s	15	π/2 BPSK	1	26	19.9	19.9	19.8	0	20.5	18.5	18.5	18.4	0	19.5

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						342500	349000	355500	MPR	Max Output Pwr	342500	349000	355500	MPR	Max Output Pwr
						1712.5 MHz	1745 MHz	1777.5 MHz			1712.5 MHz	1745 MHz	1777.5 MHz		
5	DFT-s	15	π/2 BPSK	1	12	19.8	19.9	19.9	0	20.5	18.4	18.5	18.5	0	19.5

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)				
						340500	340500	340500	MPR	Max Output Pwr	340500	340500	340500	MPR	Max Output Pwr
						1702.5 MHz	1702.5 MHz	1702.5 MHz			1702.5 MHz	1702.5 MHz	1702.5 MHz		
15	DFT-s	15	π/2 BPSK	1	1		25.0		0	25		19.1		0	19.7
				1	39		25.0		0	25		19.2		0	19.7
				1	77		25.0		0	25		19.1		0	19.7
				36	22		25.0		0	25		19.2		0	19.7
			QPSK	1	1		25.0		0	25		19.1		0	19.7
				1	39		25.0		0	25		19.1		0	19.7
				1	77		25.0		0	25		19.1		0	19.7
				36	22		25.0		0	25		19.1		0	19.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						340000	340500	341000	MPR	Max Output Pwr	340000	340500	341000	MPR	Max Output Pwr
						1700 MHz	1702.5 MHz	1705 MHz			1700 MHz	1702.5 MHz	1705 MHz		
10	DFT-s	15	π/2 BPSK	1	26		24.8		0	25		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)				
						339500	340500	341500	MPR	Max Output Pwr	339500	340500	341500	MPR	Max Output Pwr
						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	12	24.8	24.9	24.8	0	25	19.2	19.2	19.2	0	19.7

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)				
						340500	340500	340500	MPR	Max Output Pwr	340500	340500	340500	MPR	Max Output Pwr
						1702.5 MHz	1702.5 MHz	1702.5 MHz			1702.5 MHz	1702.5 MHz	1702.5 MHz		
15	DFT-s	15	π/2 BPSK	1	1		22.4		0	23		21.0		0	22
				1	39		22.4		0	23		21.0		0	22
				1	77		22.4		0	23		21.0		0	22
				36	22		22.4		0	23		21.0		0	22
			QPSK	1	1		22.5		0	23		21.0		0	22
				1	39		22.5		0	23		21.0		0	22
				1	77		22.5		0	23		21.0		0	22
				36	22		22.5		0	23		21.0		0	22
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						340000	340500	341000	MPR	Max Output Pwr	340000	340500	341000	MPR	Max Output Pwr
						1700 MHz	1702.5 MHz	1705 MHz			1700 MHz	1702.5 MHz	1705 MHz		
10	DFT-s	15	π/2 BPSK	1	26		22.5		0	23		21.0		0	22
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						339500	340500	341500	MPR	Max Output Pwr	339500	340500	341500	MPR	Max Output Pwr
						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	12	22.5	22.5	22.5	0	23	21.0	21.0	21.0	0	22

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	340500	340500	MPR	Max Output Pwr	340500	340500	340500	MPR	Max Output Pwr
						1702.5 MHz	1702.5 MHz	1702.5 MHz			1702.5 MHz	1702.5 MHz	1702.5 MHz		
15	DFT-s	15	π/2 BPSK	1	1		21.0		0	21		19.7		0	20.7
				1	39		21.0		0	21		19.7		0	20.7
				1	77		20.9		0	21		19.6		0	20.7
				36	22		20.9		0	21		19.6		0	20.7
			QPSK	1	1		20.9		0	21		19.6		0	20.7
				1	39		21.0		0	21		19.7		0	20.7
				1	77		20.8		0	21		19.5		0	20.7
				36	22		20.9		0	21		19.6		0	20.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						340000	340500	341000	MPR	Max Output Pwr	340000	340500	341000	MPR	Max Output Pwr
						1700 MHz	1702.5 MHz	1705 MHz			1700 MHz	1702.5 MHz	1705 MHz		
10	DFT-s	15	π/2 BPSK	1	26		20.9		0	21		19.6		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	Max Output Pwr	339500	340500	341500	MPR	Max Output Pwr
						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	12	21.0	20.9	20.8	0	21	19.7	19.6	19.5	0	20.7

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	340500	340500	MPR	Max Output Pwr	340500	340500	340500	MPR	Max Output Pwr
						1702.5 MHz	1702.5 MHz	1702.5 MHz			1702.5 MHz	1702.5 MHz	1702.5 MHz		
15	DFT-s	15	π/2 BPSK	1	1		19.8		0	20.5		18.9		0	19.5
				1	39		19.8		0	20.5		18.9		0	19.5
				1	77		19.8		0	20.5		18.9		0	19.5
				36	22		19.8		0	20.5		18.9		0	19.5
			QPSK	1	1		19.8		0	20.5		18.9		0	19.5
				1	39		19.8		0	20.5		18.9		0	19.5
				1	77		19.8		0	20.5		18.9		0	19.5
				36	22		19.8		0	20.5		18.9		0	19.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						340000	340500	341000	MPR	Max Output Pwr	340000	340500	341000	MPR	Max Output Pwr
						1700 MHz	1702.5 MHz	1705 MHz			1700 MHz	1702.5 MHz	1705 MHz		
10	DFT-s	15	π/2 BPSK	1	26		19.8		0	20.5		18.9		0	19.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						339500	340500	341500	MPR	Max Output Pwr	339500	340500	341500	MPR	Max Output Pwr
						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	12	19.8	19.8	19.8	0	20.5	18.9	18.9	18.9	0	19.5

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)				
						134600	136100	137600	MPR	Max Output Pwr	134600	136100	137600	MPR	Max Output Pwr
						673 MHz	680.5 MHz	688 MHz			673 MHz	680.5 MHz	688 MHz		
20	DFT-s	15	π/2 BPSK	1	1		25.6		0	25.7		25.6		0	25.7
				1	53		25.6		0	25.7		25.6		0	25.7
				1	104		25.6		0	25.7		25.6		0	25.7
				50	28		25.6		0	25.7		25.6		0	25.7
			QPSK	1	1		25.7		0	25.7		25.7		0	25.7
				1	53		25.6		0	25.7		25.6		0	25.7
				1	104		25.6		0	25.7		25.6		0	25.7
				50	28		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)				
						134100	136100	138100	MPR	Max Output Pwr	134100	136100	138100	MPR	Max Output Pwr
						670.5 MHz	680.5 MHz	690.5 MHz			670.5 MHz	680.5 MHz	690.5 MHz		
15	DFT-s	15	π/2 BPSK	1	39		25.6		0	25.7		25.6		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	Max Output Pwr	133600	136100	138600	MPR	Max Output Pwr
						668 MHz	680.5 MHz	693 MHz			668 MHz	680.5 MHz	693 MHz		
10	DFT-s	15	π/2 BPSK	1	26	25.7	25.5	25.6	0	25.7	25.7	25.5	25.6	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	Max Output Pwr	133100	136100	139100	MPR	Max Output Pwr
						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	12	25.7	25.5	25.5	0	25.7	25.7	25.5	25.5	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)				
						134600	136100	137600	MPR	Max Output Pwr	134600	136100	137600	MPR	Max Output Pwr
						673 MHz	680.5 MHz	688 MHz			673 MHz	680.5 MHz	688 MHz		
20	DFT-s	15	π/2 BPSK	1	1		23.8		0	24.2		24.4		0	24.7
				1	53		24.1		0	24.2		24.6		0	24.7
				1	104		24.0		0	24.2		24.5		0	24.7
				50	28		24.0		0	24.2		24.5		0	24.7
			QPSK	1	1		23.9		0	24.2		24.0		0	24.7
				1	53		24.0		0	24.2		24.2		0	24.7
				1	104		23.9		0	24.2		24.1		0	24.7
				50	28		23.6		0	24.2		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)				
						134100	136100	138100	MPR	Max Output Pwr	134100	136100	138100	MPR	Max Output Pwr
						670.5 MHz	680.5 MHz	690.5 MHz			670.5 MHz	680.5 MHz	690.5 MHz		
15	DFT-s	15	π/2 BPSK	1	39		23.7		0	24.2		24.5		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	Max Output Pwr	133600	136100	138600	MPR	Max Output Pwr
						668 MHz	680.5 MHz	693 MHz			668 MHz	680.5 MHz	693 MHz		
10	DFT-s	15	π/2 BPSK	1	26	23.5	23.6	23.5	0	24.2	24.0	24.1	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)				
						133100	136100	139100	MPR	Max Output Pwr	133100	136100	139100	MPR	Max Output Pwr
						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	12	23.6	23.6	23.4	0	24.2	24.1	24.2	24.0	0	24.7

NR Band 71 Measured Results (ANT3)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						134600	136100	137600	MPR	Max Output Pwr	134600	136100	137600	MPR	Max Output Pwr
						673 MHz	680.5 MHz	688 MHz			673 MHz	680.5 MHz	688 MHz		
20	DFT-s	15	π/2 BPSK	1	1		25.4		0	25.4		25.4		0	25.4
				1	53		25.4		0	25.4		25.4		0	25.4
				1	104		25.4		0	25.4		25.4		0	25.4
				50	28		25.4		0	25.4		25.4		0	25.4
			QPSK	1	1		25.4		0	25.4		25.4		0	25.4
				1	53		25.4		0	25.4		25.4		0	25.4
				1	104		25.4		0	25.4		25.4		0	25.4
				50	28		25.4		0	25.4		25.4		0	25.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						134100	136100	138100	MPR	Max Output Pwr	134100	136100	138100	MPR	Max Output Pwr
						670.5 MHz	680.5 MHz	690.5 MHz			670.5 MHz	680.5 MHz	690.5 MHz		
15	DFT-s	15	π/2 BPSK	1	39		25.4		0	25.4		25.4		0	25.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						133600	136100	138600	MPR	Max Output Pwr	133600	136100	138600	MPR	Max Output Pwr
						668 MHz	680.5 MHz	693 MHz			668 MHz	680.5 MHz	693 MHz		
10	DFT-s	15	π/2 BPSK	1	26	25.4	25.4	25.3	0	25.4	25.4	25.4	25.3	0	25.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						133100	136100	139100	MPR	Max Output Pwr	133100	136100	139100	MPR	Max Output Pwr
						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	12	25.4	25.4	25.3	0	25.4	25.4	25.4	25.3	0	25.4

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

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						633332	633332	633332	MPR	Max Output Pwr	633332	633332	633332	MPR	Max Output Pwr
						3499.98 MHz	3499.98 MHz	3499.98 MHz			3499.98 MHz	3499.98 MHz	3499.98 MHz		
100	DFT-s	30	π/2 BPSK	1	1		21.2		0	21.5		19.0		0	19.3
				1	136		21.2		0	21.5		19.0		0	19.3
				1	271		21.2		0	21.5		19.0		0	19.3
				135	69		21.2		0	21.5		19.0		0	19.3
			QPSK	1	1		21.2		0	21.5		19.0		0	19.3
				1	136		21.3		0	21.5		19.1		0	19.3
				1	271		21.3		0	21.5		19.1		0	19.3
				135	69		21.2		0	21.5		19.0		0	19.3

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						633000	633332	633666	MPR	Max Output Pwr	633000	633332	633666	MPR	Max Output Pwr
						3495 MHz	3499.98 MHz	3504.99 MHz			3495 MHz	3499.98 MHz	3504.99 MHz		
90	DFT-s	30	π/2 BPSK	1	122		21.3		0	21.5		19.1		0	19.3

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						632666	633332	634000	MPR	Max Output Pwr	632666	633332	634000	MPR	Max Output Pwr
						3489.99 MHz	3499.98 MHz	3510 MHz			3489.99 MHz	3499.98 MHz	3510 MHz		
80	DFT-s	30	π/2 BPSK	1	108		21.3		0	21.5		19.1		0	19.3

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						632332	633332	634332	MPR	Max Output Pwr	632332	633332	634332	MPR	Max Output Pwr
						3484.98 MHz	3499.98 MHz	3514.98 MHz			3484.98 MHz	3499.98 MHz	3514.98 MHz		
70	DFT-s	30	π/2 BPSK	1	94		21.3		0	21.5		19.2		0	19.3

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						632000	633332	634666	MPR	Max Output Pwr	632000	633332	634666	MPR	Max Output Pwr
						3480 MHz	3499.98 MHz	3519.99 MHz			3480 MHz	3499.98 MHz	3519.99 MHz		
60	DFT-s	30	π/2 BPSK	1	81		21.4		0	21.5		19.2		0	19.3

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						631666	633332	635000	MPR	Max Output Pwr	631666	633332	635000	MPR	Max Output Pwr
						3474.99 MHz	3499.98 MHz	3525 MHz			3474.99 MHz	3499.98 MHz	3525 MHz		
50	DFT-s	30	π/2 BPSK	1	66		21.3		0	21.5		19.1		0	19.3

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						631332	633332	635332	MPR	Max Output Pwr	631332	633332	635332	MPR	Max Output Pwr
						3469.98 MHz	3499.98 MHz	3529.98 MHz			3469.98 MHz	3499.98 MHz	3529.98 MHz		
40	DFT-s	30	π/2 BPSK	1	53		21.5		0	21.5		19.3		0	19.3

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						631000	633332	635666	MPR	Max Output Pwr	631000	633332	635666	MPR	Max Output Pwr
						3465 MHz	3499.98 MHz	3534.99 MHz			3465 MHz	3499.98 MHz	3534.99 MHz		
30	DFT-s	30	π/2 BPSK	1	39	21.5	21.5	21.5	0	21.5	19.3	19.3	19.3	0	19.3

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						630666	633332	636000	MPR	Max Output Pwr	630666	633332	636000	MPR	Max Output Pwr
						3459.99 MHz	3499.98 MHz	3540 MHz			3459.99 MHz	3499.98 MHz	3540 MHz		
20	DFT-s	30	π/2 BPSK	1	25	21.5	21.5	21.4	0	21.5	19.3	19.3	19.2	0	19.3

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						630500	633332	636166	MPR	Max Output Pwr	630500	633332	636166	MPR	Max Output Pwr
						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	19	21.4	21.5	21.4	0	21.5	19.2	19.3	19.2	0	19.3

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						630332	633332	636332	MPR	Max Output Pwr	630332	633332	636332	MPR	Max Output Pwr
						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	12	21.3	21.2	21.2	0	21.5	19.1	19.0	19.0	0	19.3

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)							
						650000	652400	654800	657200	659600	662000	MPR	Max Output Pwr	650000	652400	654800	657200	659600	662000	MPR	Max Output Pwr
						3750 MHz	3786 MHz	3822 MHz	3858 MHz	3894 MHz	3930 MHz			3750 MHz	3786 MHz	3822 MHz	3858 MHz	3894 MHz	3930 MHz		
100	DFT-s	30	π/2 BPSK	1	1				21.1			0	21.5				18.9			0	19.3
				1	136				21.1			0	21.5				18.9			0	19.3
				1	271				21.0			0	21.5				18.8			0	19.3
				135	69				21.0			0	21.5				18.8			0	19.3
			QPSK	1	1				21.1			0	21.5				18.9			0	19.3
				1	136				21.2			0	21.5				19.0			0	19.3
				1	271				21.1			0	21.5				18.9			0	19.3
				135	69				21.0			0	21.5				18.8			0	19.3
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						649666	652200	654732	657266	659800	662332	MPR	Max Output Pwr	649666	652200	654732	657266	659800	662332	MPR	Max Output Pwr
						3744.99 MHz	3783 MHz	3820.98 MHz	3858.99 MHz	3897 MHz	3934.98 MHz			3744.99 MHz	3783 MHz	3820.98 MHz	3858.99 MHz	3897 MHz	3934.98 MHz		
90	DFT-s	30	π/2 BPSK	1	122				21.1			0	21.5				18.9			0	19.3
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						649332	652000	654666	657332	660000	662666	MPR	Max Output Pwr	649332	652000	654666	657332	660000	662666	MPR	Max Output Pwr
						3739.98 MHz	3780 MHz	3819.99 MHz	3859.98 MHz	3900 MHz	3939.99 MHz			3739.98 MHz	3780 MHz	3819.99 MHz	3859.98 MHz	3900 MHz	3939.99 MHz		
80	DFT-s	30	π/2 BPSK	1	108				21.0			0	21.5				18.9			0	19.3
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						649000	651800	654600	657400	660200	663000	MPR	Max Output Pwr	649000	651800	654600	657400	660200	663000	MPR	Max Output Pwr
						3735 MHz	3777 MHz	3819 MHz	3861 MHz	3903 MHz	3945 MHz			3735 MHz	3777 MHz	3819 MHz	3861 MHz	3903 MHz	3945 MHz		
70	DFT-s	30	π/2 BPSK	1	94				21.0			0	21.5				18.8			0	19.3
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						648666	651600	654532	657466	660400	663332	MPR	Max Output Pwr	648666	651600	654532	657466	660400	663332	MPR	Max Output Pwr
						3729.99 MHz	3774 MHz	3817.98 MHz	3861.99 MHz	3906 MHz	3949.98 MHz			3729.99 MHz	3774 MHz	3817.98 MHz	3861.99 MHz	3906 MHz	3949.98 MHz		
60	DFT-s	30	π/2 BPSK	1	81				21.1			0	21.5				18.9			0	19.3
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						648332	651400	654466	657532	660600	663666	MPR	Max Output Pwr	648332	651400	654466	657532	660600	663666	MPR	Max Output Pwr
						3724.98 MHz	3771 MHz	3816.99 MHz	3862.98 MHz	3909 MHz	3954.99 MHz			3724.98 MHz	3771 MHz	3816.99 MHz	3862.98 MHz	3909 MHz	3954.99 MHz		
50	DFT-s	30	π/2 BPSK	1	66				21.1			0	21.5				18.9			0	19.3
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						648000	651200	654400	657600	660800	664000	MPR	Max Output Pwr	648000	651200	654400	657600	660800	664000	MPR	Max Output Pwr
						3720 MHz	3768 MHz	3816 MHz	3864 MHz	3912 MHz	3960 MHz			3720 MHz	3768 MHz	3816 MHz	3864 MHz	3912 MHz	3960 MHz		
40	DFT-s	30	π/2 BPSK	1	53	21.2	21.0	21.2	21.3	21.2	21.2	0	21.5	18.9	18.8	18.9	19.0	18.9	18.9	0	19.3
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						647666	651000	654332	657666	661000	664332	MPR	Max Output Pwr	647666	651000	654332	657666	661000	664332	MPR	Max Output Pwr
						3714.99 MHz	3765 MHz	3814.98 MHz	3864.99 MHz	3915 MHz	3964.98 MHz			3714.99 MHz	3765 MHz	3814.98 MHz	3864.99 MHz	3915 MHz	3964.98 MHz		
30	DFT-s	30	π/2 BPSK	1	39	21.1	21.0	21.2	21.3	21.2	21.2	0	21.5	18.8	18.8	18.9	19.0	18.9	18.9	0	19.3
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						647332	650800	654266	657732	661200	664666	MPR	Max Output Pwr	647332	650800	654266	657732	661200	664666	MPR	Max Output Pwr
						3709.98 MHz	3762 MHz	3813.99 MHz	3865.98 MHz	3918 MHz	3969.99 MHz			3709.98 MHz	3762 MHz	3813.99 MHz	3865.98 MHz	3918 MHz	3969.99 MHz		
20	DFT-s	30	π/2 BPSK	1	25	21.1	21.0	21.2	21.2	21.2	21.1	0	21.5	18.8	18.8	18.9	19.0	18.9	18.8	0	19.3
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						647166	650700	654232	657766	661300	664832	MPR	Max Output Pwr	647166	650700	654232	657766	661300	664832	MPR	Max Output Pwr
						3707.49 MHz	3760.5 MHz	3813.48 MHz	3866.49 MHz	3919.5 MHz	3972.48 MHz			3707.49 MHz	3760.5 MHz	3813.48 MHz	3866.49 MHz	3919.5 MHz	3972.48 MHz		
15	DFT-s	30	π/2 BPSK	1	19	21.0	21.0	21.2	21.2	21.2	21.1	0	21.5	18.8	18.8	18.9	19.0	18.9	18.8	0	19.3
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						647000	650600	654200	657800	661400	665000	MPR	Max Output Pwr	647000	650600	654200	657800	661400	665000	MPR	Max Output Pwr
						3705 MHz	3759 MHz	3813 MHz	3867 MHz	3921 MHz	3975 MHz			3705 MHz	3759 MHz	3813 MHz	3867 MHz	3921 MHz	3975 MHz		
10	DFT-s	30	π/2 BPSK	1	12	21.0	21.0	21.1	21.1	21.1	21.0	0	21.5	18.7	18.7	18.8	18.9	18.8	18.7	0	19.3

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	633332	633332	MPR	Max Output Pwr	633332	633332	633332	MPR	Max Output Pwr
						3499.98 MHz	3499.98 MHz	3499.98 MHz			3499.98 MHz	3499.98 MHz	3499.98 MHz		
100	DFT-s	30	π/2 BPSK	1	1		20.0		0	20.8		19.2		0	19.3
				1	136		20.1		0	20.8		18.7		0	19.3
				1	271		20.0		0	20.8		19.0		0	19.3
				135	69		20.1		0	20.8		18.6		0	19.3
			QPSK	1	1		20.0		0	20.8		19.2		0	19.3
				1	136		20.0		0	20.8		18.6		0	19.3
				1	271		20.0		0	20.8		18.5		0	19.3
				135	69		20.0		0	20.8		18.5		0	19.3
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						633000	633332	633666	MPR	Max Output Pwr	633000	633332	633666	MPR	Max Output Pwr
						3495 MHz	3499.98 MHz	3504.99 MHz			3495 MHz	3499.98 MHz	3504.99 MHz		
90	DFT-s	30	π/2 BPSK	1	122		20.1		0	20.8		18.6		0	19.3
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						632666	633332	634000	MPR	Max Output Pwr	632666	633332	634000	MPR	Max Output Pwr
						3489.99 MHz	3499.98 MHz	3510 MHz			3489.99 MHz	3499.98 MHz	3510 MHz		
80	DFT-s	30	π/2 BPSK	1	108		20.2		0	20.8		18.6		0	19.3
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						632332	633332	634332	MPR	Max Output Pwr	632332	633332	634332	MPR	Max Output Pwr
						3484.98 MHz	3499.98 MHz	3514.98 MHz			3484.98 MHz	3499.98 MHz	3514.98 MHz		
70	DFT-s	30	π/2 BPSK	1	94		20.1		0	20.8		18.6		0	19.3
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						632000	633332	634666	MPR	Max Output Pwr	632000	633332	634666	MPR	Max Output Pwr
						3480 MHz	3499.98 MHz	3519.99 MHz			3480 MHz	3499.98 MHz	3519.99 MHz		
60	DFT-s	30	π/2 BPSK	1	81		20.2		0	20.8		18.6		0	19.3
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						631666	633332	635000	MPR	Max Output Pwr	631666	633332	635000	MPR	Max Output Pwr
						3474.99 MHz	3499.98 MHz	3525 MHz			3474.99 MHz	3499.98 MHz	3525 MHz		
50	DFT-s	30	π/2 BPSK	1	66		20.1		0	20.8		18.6		0	19.3
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						631332	633332	635332	MPR	Max Output Pwr	631332	633332	635332	MPR	Max Output Pwr
						3469.98 MHz	3499.98 MHz	3529.98 MHz			3469.98 MHz	3499.98 MHz	3529.98 MHz		
40	DFT-s	30	π/2 BPSK	1	53		20.2		0	20.8		18.7		0	19.3
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						631000	633332	635666	MPR	Max Output Pwr	631000	633332	635666	MPR	Max Output Pwr
						3465 MHz	3499.98 MHz	3534.99 MHz			3465 MHz	3499.98 MHz	3534.99 MHz		
30	DFT-s	30	π/2 BPSK	1	39	20.4	20.3	20.1	0	20.8	18.8	18.7	18.6	0	19.3
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						630666	633332	636000	MPR	Max Output Pwr	630666	633332	636000	MPR	Max Output Pwr
						3459.99 MHz	3499.98 MHz	3540 MHz			3459.99 MHz	3499.98 MHz	3540 MHz		
20	DFT-s	30	π/2 BPSK	1	25	20.4	20.2	20.2	0	20.8	18.9	18.8	18.6	0	19.3
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						630500	633332	636166	MPR	Max Output Pwr	630500	633332	636166	MPR	Max Output Pwr
						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	19	20.4	20.5	20.3	0	20.8	19.0	19.0	18.8	0	19.3
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						630332	633332	636332	MPR	Max Output Pwr	630332	633332	636332	MPR	Max Output Pwr
						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	12	20.3	20.3	20.2	0	20.8	19.0	18.8	18.7	0	19.3

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)							
						650000	652400	654800	657200	659600	662000	MPR	Max Output Pwr	650000	652400	654800	657200	659600	662000	MPR	Max Output Pwr
						3750 MHz	3786 MHz	3822 MHz	3858 MHz	3894 MHz	3930 MHz			3750 MHz	3786 MHz	3822 MHz	3858 MHz	3894 MHz	3930 MHz		
100	DFT-s	30	π/2 BPSK	1	1				19.8			0	20.8				18.3			0	19.3
				1	136				19.8			0	20.8				18.3			0	19.3
				1	271				19.8			0	20.8				18.2			0	19.3
				135	69				19.7			0	20.8				18.2			0	19.3
			QPSK	1	1				19.8			0	20.8				18.4			0	19.3
				1	136				19.9			0	20.8				18.5			0	19.3
				1	271				19.8			0	20.8				18.2			0	19.3
				135	69				19.8			0	20.8				18.2			0	19.3
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						649666	652200	654732	657266	659800	662332	MPR	Max Output Pwr	649666	652200	654732	657266	659800	662332	MPR	Max Output Pwr
						3744.99 MHz	3783 MHz	3820.98 MHz	3858.99 MHz	3897 MHz	3934.98 MHz			3744.99 MHz	3783 MHz	3820.98 MHz	3858.99 MHz	3897 MHz	3934.98 MHz		
90	DFT-s	30	π/2 BPSK	1	122				19.9			0	20.8				18.4			0	19.3
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						649332	652000	654666	657332	660000	662666	MPR	Max Output Pwr	649332	652000	654666	657332	660000	662666	MPR	Max Output Pwr
						3739.98 MHz	3780 MHz	3819.99 MHz	3859.98 MHz	3900 MHz	3939.99 MHz			3739.98 MHz	3780 MHz	3819.99 MHz	3859.98 MHz	3900 MHz	3939.99 MHz		
80	DFT-s	30	π/2 BPSK	1	108				19.9			0	20.8				18.3			0	19.3
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						649000	651800	654600	657400	660200	663000	MPR	Max Output Pwr	649000	651800	654600	657400	660200	663000	MPR	Max Output Pwr
						3735 MHz	3777 MHz	3819 MHz	3861 MHz	3903 MHz	3945 MHz			3735 MHz	3777 MHz	3819 MHz	3861 MHz	3903 MHz	3945 MHz		
70	DFT-s	30	π/2 BPSK	1	94				19.8			0	20.8				18.3			0	19.3
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						648666	651600	654532	657466	660400	663332	MPR	Max Output Pwr	648666	651600	654532	657466	660400	663332	MPR	Max Output Pwr
						3729.99 MHz	3774 MHz	3817.98 MHz	3861.99 MHz	3906 MHz	3949.98 MHz			3729.99 MHz	3774 MHz	3817.98 MHz	3861.99 MHz	3906 MHz	3949.98 MHz		
60	DFT-s	30	π/2 BPSK	1	81				19.9			0	20.8				18.4			0	19.3
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						648332	651400	654466	657532	660600	663666	MPR	Max Output Pwr	648332	651400	654466	657532	660600	663666	MPR	Max Output Pwr
						3724.98 MHz	3771 MHz	3816.99 MHz	3862.98 MHz	3909 MHz	3954.99 MHz			3724.98 MHz	3771 MHz	3816.99 MHz	3862.98 MHz	3909 MHz	3954.99 MHz		
50	DFT-s	30	π/2 BPSK	1	66				19.9			0	20.8				18.3			0	19.3
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						648000	651200	654400	657600	660800	664000	MPR	Max Output Pwr	648000	651200	654400	657600	660800	664000	MPR	Max Output Pwr
						3720 MHz	3768 MHz	3816 MHz	3864 MHz	3912 MHz	3960 MHz			3720 MHz	3768 MHz	3816 MHz	3864 MHz	3912 MHz	3960 MHz		
40	DFT-s	30	π/2 BPSK	1	53	20.3	20.1	20.0	19.9	19.8	20.2	0	20.8	18.7	18.5	18.4	18.3	18.3	18.7	0	19.3
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						647666	651000	654332	657666	661000	664332	MPR	Max Output Pwr	647666	651000	654332	657666	661000	664332	MPR	Max Output Pwr
						3714.99 MHz	3765 MHz	3814.98 MHz	3864.99 MHz	3915 MHz	3964.98 MHz			3714.99 MHz	3765 MHz	3814.98 MHz	3864.99 MHz	3915 MHz	3964.98 MHz		
30	DFT-s	30	π/2 BPSK	1	39	20.2	20.1	19.9	20.0	19.9	20.3	0	20.8	18.7	18.6	18.5	18.5	18.4	18.8	0	19.3
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						647332	650800	654266	657732	661200	664666	MPR	Max Output Pwr	647332	650800	654266	657732	661200	664666	MPR	Max Output Pwr
						3709.98 MHz	3762 MHz	3813.99 MHz	3865.98 MHz	3918 MHz	3969.99 MHz			3709.98 MHz	3762 MHz	3813.99 MHz	3865.98 MHz	3918 MHz	3969.99 MHz		
20	DFT-s	30	π/2 BPSK	1	25	20.3	20.1	20.0	20.0	20.0	20.3	0	20.8	18.8	18.7	18.5	18.5	18.5	18.8	0	19.3
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						647166	650700	654232	657766	661300	664832	MPR	Max Output Pwr	647166	650700	654232	657766	661300	664832	MPR	Max Output Pwr
						3707.49 MHz	3760.5 MHz	3813.48 MHz	3866.49 MHz	3919.5 MHz	3972.48 MHz			3707.49 MHz	3760.5 MHz	3813.48 MHz	3866.49 MHz	3919.5 MHz	3972.48 MHz		
15	DFT-s	30	π/2 BPSK	1	19	20.4	20.1	20.0	20.0	20.0	20.2	0	20.8	18.8	18.6	18.6	18.5	18.5	18.8	0	19.3
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						647000	650600	654200	657800	661400	665000	MPR	Max Output Pwr	647000	650600	654200	657800	661400	665000	MPR	Max Output Pwr
						3705 MHz	3759 MHz	3813 MHz	3867 MHz	3921 MHz	3975 MHz			3705 MHz	3759 MHz	3813 MHz	3867 MHz	3921 MHz	3975 MHz		
10	DFT-s	30	π/2 BPSK	1	12	20.2	19.9	19.9	19.9	19.8	20.2	0	20.8	18.6	18.4	18.4	18.4	18.4	18.8	0	19.3

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

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						633332	633332	633332	MPR	Max Output Pwr	633332	633332	633332	MPR	Max Output Pwr
						3499.98 MHz	3499.98 MHz	3499.98 MHz			3499.98 MHz	3499.98 MHz	3499.98 MHz		
100	DFT-s	30	π/2 BPSK	1	1		20.8		0	21.3		18.3		0	18.8
				1	136		20.9		0	21.3		18.3		0	18.8
				1	271		20.8		0	21.3		18.3		0	18.8
				135	69		20.8		0	21.3		18.4		0	18.8
			QPSK	1	1		20.8		0	21.3		18.3		0	18.8
				1	136		20.9		0	21.3		18.4		0	18.8
				1	271		20.8		0	21.3		18.5		0	18.8
				135	69		20.7		0	21.3		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)				
						633000	633332	633666	MPR	Max Output Pwr	633000	633332	633666	MPR	Max Output Pwr
						3495 MHz	3499.98 MHz	3504.99 MHz			3495 MHz	3499.98 MHz	3504.99 MHz		
90	DFT-s	30	π/2 BPSK	1	122		20.8		0	21.3		18.3		0	18.8

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						632666	633332	634000	MPR	Max Output Pwr	632666	633332	634000	MPR	Max Output Pwr
						3489.99 MHz	3499.98 MHz	3510 MHz			3489.99 MHz	3499.98 MHz	3510 MHz		
80	DFT-s	30	π/2 BPSK	1	108		20.8		0	21.3		18.3		0	18.8

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						632332	633332	634332	MPR	Max Output Pwr	632332	633332	634332	MPR	Max Output Pwr
						3484.98 MHz	3499.98 MHz	3514.98 MHz			3484.98 MHz	3499.98 MHz	3514.98 MHz		
70	DFT-s	30	π/2 BPSK	1	94		20.8		0	21.3		18.3		0	18.8

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						632000	633332	634666	MPR	Max Output Pwr	632000	633332	634666	MPR	Max Output Pwr
						3480 MHz	3499.98 MHz	3519.99 MHz			3480 MHz	3499.98 MHz	3519.99 MHz		
60	DFT-s	30	π/2 BPSK	1	81		20.9		0	21.3		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)				
						631666	633332	635000	MPR	Max Output Pwr	631666	633332	635000	MPR	Max Output Pwr
						3474.99 MHz	3499.98 MHz	3525 MHz			3474.99 MHz	3499.98 MHz	3525 MHz		
50	DFT-s	30	π/2 BPSK	1	66		20.8		0	21.3		18.3		0	18.8

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						631332	633332	635332	MPR	Max Output Pwr	631332	633332	635332	MPR	Max Output Pwr
						3469.98 MHz	3499.98 MHz	3529.98 MHz			3469.98 MHz	3499.98 MHz	3529.98 MHz		
40	DFT-s	30	π/2 BPSK	1	53		21.0		0	21.3		18.5		0	18.8

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						631000	633332	635666	MPR	Max Output Pwr	631000	633332	635666	MPR	Max Output Pwr
						3465 MHz	3499.98 MHz	3534.99 MHz			3465 MHz	3499.98 MHz	3534.99 MHz		
30	DFT-s	30	π/2 BPSK	1	39	21.0	21.0	20.9	0	21.3	18.5	18.5	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)				
						630666	633332	636000	MPR	Max Output Pwr	630666	633332	636000	MPR	Max Output Pwr
						3459.99 MHz	3499.98 MHz	3540 MHz			3459.99 MHz	3499.98 MHz	3540 MHz		
20	DFT-s	30	π/2 BPSK	1	25	21.0	21.0	20.9	0	21.3	18.5	18.5	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)				
						630500	633332	636166	MPR	Max Output Pwr	630500	633332	636166	MPR	Max Output Pwr
						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	19	21.1	21.0	20.9	0	21.3	18.6	18.5	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)				
						630332	633332	636332	MPR	Max Output Pwr	630332	633332	636332	MPR	Max Output Pwr
						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	12	20.9	20.8	20.8	0	21.3	18.4	18.3	18.3	0	18.8

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)							
						650000	652400	654800	657200	659600	662000	MPR	Max Output Pwr	650000	652400	654800	657200	659600	662000	MPR	Max Output Pwr
						3750 MHz	3786 MHz	3822 MHz	3858 MHz	3894 MHz	3930 MHz			3750 MHz	3786 MHz	3822 MHz	3858 MHz	3894 MHz	3930 MHz		
100	DFT-s	30	π/2 BPSK	1	1				20.8			0	21.3				18.3			0	18.8
				1	136				20.8			0	21.3				18.4			0	18.8
				1	271				20.8			0	21.3				18.3			0	18.8
				135	69				20.8			0	21.3				18.4			0	18.8
			QPSK	1	1				20.7			0	21.3				18.2			0	18.8
				1	136				20.8			0	21.3				18.3			0	18.8
				1	271				20.7			0	21.3				18.2			0	18.8
				135	69				20.7			0	21.3				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)							
						649666	652200	654732	657266	659800	662332	MPR	Max Output Pwr	649666	652200	654732	657266	659800	662332	MPR	Max Output Pwr
						3744.99 MHz	3783 MHz	3820.98 MHz	3858.99 MHz	3897 MHz	3934.98 MHz			3744.99 MHz	3783 MHz	3820.98 MHz	3858.99 MHz	3897 MHz	3934.98 MHz		
90	DFT-s	30	π/2 BPSK	1	122				20.8			0	21.3				18.3			0	18.8
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						649332	652000	654666	657332	660000	662666	MPR	Max Output Pwr	649332	652000	654666	657332	660000	662666	MPR	Max Output Pwr
						3739.98 MHz	3780 MHz	3819.99 MHz	3859.98 MHz	3900 MHz	3939.99 MHz			3739.98 MHz	3780 MHz	3819.99 MHz	3859.98 MHz	3900 MHz	3939.99 MHz		
80	DFT-s	30	π/2 BPSK	1	108				20.9			0	21.3				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)							
						649000	651800	654600	657400	660200	663000	MPR	Max Output Pwr	649000	651800	654600	657400	660200	663000	MPR	Max Output Pwr
						3735 MHz	3777 MHz	3819 MHz	3861 MHz	3903 MHz	3945 MHz			3735 MHz	3777 MHz	3819 MHz	3861 MHz	3903 MHz	3945 MHz		
70	DFT-s	30	π/2 BPSK	1	94				20.9			0	21.3				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)							
						648666	651600	654532	657466	660400	663332	MPR	Max Output Pwr	648666	651600	654532	657466	660400	663332	MPR	Max Output Pwr
						3729.99 MHz	3774 MHz	3817.98 MHz	3861.99 MHz	3906 MHz	3949.98 MHz			3729.99 MHz	3774 MHz	3817.98 MHz	3861.99 MHz	3906 MHz	3949.98 MHz		
60	DFT-s	30	π/2 BPSK	1	81				20.8			0	21.3				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)							
						648332	651400	654466	657532	660600	663666	MPR	Max Output Pwr	648332	651400	654466	657532	660600	663666	MPR	Max Output Pwr
						3724.98 MHz	3771 MHz	3816.99 MHz	3862.98 MHz	3909 MHz	3954.99 MHz			3724.98 MHz	3771 MHz	3816.99 MHz	3862.98 MHz	3909 MHz	3954.99 MHz		
50	DFT-s	30	π/2 BPSK	1	66				20.9			0	21.3				18.5			0	18.8
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						648000	651200	654400	657600	660800	664000	MPR	Max Output Pwr	648000	651200	654400	657600	660800	664000	MPR	Max Output Pwr
						3720 MHz	3768 MHz	3816 MHz	3864 MHz	3912 MHz	3960 MHz			3720 MHz	3768 MHz	3816 MHz	3864 MHz	3912 MHz	3960 MHz		
40	DFT-s	30	π/2 BPSK	1	53	21.0	21.1	21.0	21.1	21.2	21.0	0	21.3	18.5	18.6	18.5	18.6	18.7	18.5	0	18.8
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						647666	651000	654332	657666	661000	664332	MPR	Max Output Pwr	647666	651000	654332	657666	661000	664332	MPR	Max Output Pwr
						3714.99 MHz	3765 MHz	3814.98 MHz	3864.99 MHz	3915 MHz	3964.98 MHz			3714.99 MHz	3765 MHz	3814.98 MHz	3864.99 MHz	3915 MHz	3964.98 MHz		
30	DFT-s	30	π/2 BPSK	1	39	21.0	21.1	21.0	21.1	21.2	21.1	0	21.3	18.5	18.6	18.5	18.6	18.7	18.6	0	18.8
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						647332	650800	654266	657732	661200	664666	MPR	Max Output Pwr	647332	650800	654266	657732	661200	664666	MPR	Max Output Pwr
						3709.98 MHz	3762 MHz	3813.99 MHz	3865.98 MHz	3918 MHz	3969.99 MHz			3709.98 MHz	3762 MHz	3813.99 MHz	3865.98 MHz	3918 MHz	3969.99 MHz		
20	DFT-s	30	π/2 BPSK	1	25	21.1	21.1	21.0	21.1	21.2	21.0	0	21.3	18.6	18.6	18.5	18.6	18.7	18.5	0	18.8
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						647166	650700	654232	657766	661300	664832	MPR	Max Output Pwr	647166	650700	654232	657766	661300	664832	MPR	Max Output Pwr
						3707.49 MHz	3760.5 MHz	3813.48 MHz	3866.49 MHz	3919.5 MHz	3972.48 MHz			3707.49 MHz	3760.5 MHz	3813.48 MHz	3866.49 MHz	3919.5 MHz	3972.48 MHz		
15	DFT-s	30	π/2 BPSK	1	19	21.1	21.1	21.0	21.1	21.1	21.0	0	21.3	18.6	18.6	18.5	18.5	18.6	18.5	0	18.8
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						647000	650600	654200	657800	661400	665000	MPR	Max Output Pwr	647000	650600	654200	657800	661400	665000	MPR	Max Output Pwr
						3705 MHz	3759 MHz	3813 MHz	3867 MHz	3921 MHz	3975 MHz			3705 MHz	3759 MHz	3813 MHz	3867 MHz	3921 MHz	3975 MHz		
10	DFT-s	30	π/2 BPSK	1	12	21.0	21.0	20.9	21.0	21.0	20.9	0	21.3	18.5	18.5	18.4	18.5	18.5	18.4	0	18.8

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

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						633332	633332	633332	MPR	Max Output Pwr	633332	633332	633332	MPR	Max Output Pwr
						3499.98 MHz	3499.98 MHz	3499.98 MHz			3499.98 MHz	3499.98 MHz	3499.98 MHz		
100	DFT-s	30	π/2 BPSK	1	1		19.8		0	20.8		18.8		0	19.5
				1	136		19.8		0	20.8		18.8		0	19.5
				1	271		19.8		0	20.8		18.8		0	19.5
				135	69		19.8		0	20.8		18.7		0	19.5
			QPSK	1	1		20.0		0	20.8		18.9		0	19.5
				1	136		20.0		0	20.8		19.0		0	19.5
				1	271		19.8		0	20.8		18.8		0	19.5
				135	69		19.9		0	20.8		19.0		0	19.5

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						633000	633332	633666	MPR	Max Output Pwr	633000	633332	633666	MPR	Max Output Pwr
						3495 MHz	3499.98 MHz	3504.99 MHz			3495 MHz	3499.98 MHz	3504.99 MHz		
90	DFT-s	30	π/2 BPSK	1	122		19.9		0	20.8		18.9		0	19.5

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						632666	633332	634000	MPR	Max Output Pwr	632666	633332	634000	MPR	Max Output Pwr
						3489.99 MHz	3499.98 MHz	3510 MHz			3489.99 MHz	3499.98 MHz	3510 MHz		
80	DFT-s	30	π/2 BPSK	1	108		19.9		0	20.8		18.8		0	19.5

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						632332	633332	634332	MPR	Max Output Pwr	632332	633332	634332	MPR	Max Output Pwr
						3484.98 MHz	3499.98 MHz	3514.98 MHz			3484.98 MHz	3499.98 MHz	3514.98 MHz		
70	DFT-s	30	π/2 BPSK	1	94		19.9		0	20.8		18.8		0	19.5

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						632000	633332	634666	MPR	Max Output Pwr	632000	633332	634666	MPR	Max Output Pwr
						3480 MHz	3499.98 MHz	3519.99 MHz			3480 MHz	3499.98 MHz	3519.99 MHz		
60	DFT-s	30	π/2 BPSK	1	81		20.0		0	20.8		18.9		0	19.5

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						631666	633332	635000	MPR	Max Output Pwr	631666	633332	635000	MPR	Max Output Pwr
						3474.99 MHz	3499.98 MHz	3525 MHz			3474.99 MHz	3499.98 MHz	3525 MHz		
50	DFT-s	30	π/2 BPSK	1	66		20.0		0	20.8		18.9		0	19.5

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						631332	633332	635332	MPR	Max Output Pwr	631332	633332	635332	MPR	Max Output Pwr
						3469.98 MHz	3499.98 MHz	3529.98 MHz			3469.98 MHz	3499.98 MHz	3529.98 MHz		
40	DFT-s	30	π/2 BPSK	1	53		20.1		0	20.8		19.0		0	19.5

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						631000	633332	635666	MPR	Max Output Pwr	631000	633332	635666	MPR	Max Output Pwr
						3465 MHz	3499.98 MHz	3534.99 MHz			3465 MHz	3499.98 MHz	3534.99 MHz		
30	DFT-s	30	π/2 BPSK	1	39	20.2	20.1	20.0	0	20.8	19.1	19.0	18.9	0	19.5

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						630666	633332	636000	MPR	Max Output Pwr	630666	633332	636000	MPR	Max Output Pwr
						3459.99 MHz	3499.98 MHz	3540 MHz			3459.99 MHz	3499.98 MHz	3540 MHz		
20	DFT-s	30	π/2 BPSK	1	25	20.2	20.1	20.0	0	20.8	19.1	19.0	18.9	0	19.5

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						630500	633332	636166	MPR	Max Output Pwr	630500	633332	636166	MPR	Max Output Pwr
						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	19	20.1	20.1	20.0	0	20.8	19.0	19.0	18.9	0	19.5

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						630332	633332	636332	MPR	Max Output Pwr	630332	633332	636332	MPR	Max Output Pwr
						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	12	20.1	20.0	19.9	0	20.8	19.0	18.9	18.9	0	19.5

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)							
						650000	652400	654800	657200	659600	662000	MPR	Max Output Pwr	650000	652400	654800	657200	659600	662000	MPR	Max Output Pwr
						3750 MHz	3786 MHz	3822 MHz	3858 MHz	3894 MHz	3930 MHz			3750 MHz	3786 MHz	3822 MHz	3858 MHz	3894 MHz	3930 MHz		
100	DFT-s	30	π/2 BPSK	1	1				20.0			0	20.8				18.8			0	19.5
				1	136				20.0			0	20.8				18.8			0	19.5
				1	271				20.0			0	20.8				18.8			0	19.5
				135	69				20.1			0	20.8				18.7			0	19.5
			QPSK	1	1				20.1			0	20.8				18.8			0	19.5
				1	136				20.3			0	20.8				19.1			0	19.5
				1	271				20.3			0	20.8				19.1			0	19.5
				135	69				20.2			0	20.8				18.9			0	19.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)								Power Mode B (dBm)							
						649666	652200	654732	657266	659800	662332	MPR	Max Output Pwr	649666	652200	654732	657266	659800	662332	MPR	Max Output Pwr
						3744.99 MHz	3783 MHz	3820.98 MHz	3858.99 MHz	3897 MHz	3934.98 MHz			3744.99 MHz	3783 MHz	3820.98 MHz	3858.99 MHz	3897 MHz	3934.98 MHz		
90	DFT-s	30	π/2 BPSK	1	122				20.3			0	20.8				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)							
						649332	652000	654666	657332	660000	662666	MPR	Max Output Pwr	649332	652000	654666	657332	660000	662666	MPR	Max Output Pwr
						3739.98 MHz	3780 MHz	3819.99 MHz	3859.98 MHz	3900 MHz	3939.99 MHz			3739.98 MHz	3780 MHz	3819.99 MHz	3859.98 MHz	3900 MHz	3939.99 MHz		
80	DFT-s	30	π/2 BPSK	1	108				20.3			0	20.8				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)							
						649000	651800	654600	657400	660200	663000	MPR	Max Output Pwr	649000	651800	654600	657400	660200	663000	MPR	Max Output Pwr
						3735 MHz	3777 MHz	3819 MHz	3861 MHz	3903 MHz	3945 MHz			3735 MHz	3777 MHz	3819 MHz	3861 MHz	3903 MHz	3945 MHz		
70	DFT-s	30	π/2 BPSK	1	94				20.4			0	20.8				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)							
						648666	651600	654532	657466	660400	663332	MPR	Max Output Pwr	648666	651600	654532	657466	660400	663332	MPR	Max Output Pwr
						3729.99 MHz	3774 MHz	3817.98 MHz	3861.99 MHz	3906 MHz	3949.98 MHz			3729.99 MHz	3774 MHz	3817.98 MHz	3861.99 MHz	3906 MHz	3949.98 MHz		
60	DFT-s	30	π/2 BPSK	1	81				20.3			0	20.8				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)							
						648332	651400	654466	657532	660600	663666	MPR	Max Output Pwr	648332	651400	654466	657532	660600	663666	MPR	Max Output Pwr
						3724.98 MHz	3771 MHz	3816.99 MHz	3862.98 MHz	3909 MHz	3954.99 MHz			3724.98 MHz	3771 MHz	3816.99 MHz	3862.98 MHz	3909 MHz	3954.99 MHz		
50	DFT-s	30	π/2 BPSK	1	66				20.3			0	20.8				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)							
						648000	651200	654400	657600	660800	664000	MPR	Max Output Pwr	648000	651200	654400	657600	660800	664000	MPR	Max Output Pwr
						3720 MHz	3768 MHz	3816 MHz	3864 MHz	3912 MHz	3960 MHz			3720 MHz	3768 MHz	3816 MHz	3864 MHz	3912 MHz	3960 MHz		
40	DFT-s	30	π/2 BPSK	1	53	20.1	20.3	20.3	20.4	20.4	20.4	0	20.8	18.8	19.0	19.1	19.2	19.2	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)							
						647666	651000	654332	657666	661000	664332	MPR	Max Output Pwr	647666	651000	654332	657666	661000	664332	MPR	Max Output Pwr
						3714.99 MHz	3765 MHz	3814.98 MHz	3864.99 MHz	3915 MHz	3964.98 MHz			3714.99 MHz	3765 MHz	3814.98 MHz	3864.99 MHz	3915 MHz	3964.98 MHz		
30	DFT-s	30	π/2 BPSK	1	39	20.1	20.3	20.3	20.4	20.4	20.4	0	20.8	18.8	19.0	19.1	19.2	19.2	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)							
						647332	650800	654266	657732	661200	664666	MPR	Max Output Pwr	647332	650800	654266	657732	661200	664666	MPR	Max Output Pwr
						3709.98 MHz	3762 MHz	3813.99 MHz	3865.98 MHz	3918 MHz	3969.99 MHz			3709.98 MHz	3762 MHz	3813.99 MHz	3865.98 MHz	3918 MHz	3969.99 MHz		
20	DFT-s	30	π/2 BPSK	1	25	20.1	20.3	20.3	20.4	20.4	20.3	0	20.8	18.9	19.0	19.1	19.2	19.2	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)							
						647166	650700	654232	657766	661300	664832	MPR	Max Output Pwr	647166	650700	654232	657766	661300	664832	MPR	Max Output Pwr
						3707.49 MHz	3760.5 MHz	3813.48 MHz	3866.49 MHz	3919.5 MHz	3972.48 MHz			3707.49 MHz	3760.5 MHz	3813.48 MHz	3866.49 MHz	3919.5 MHz	3972.48 MHz		
15	DFT-s	30	π/2 BPSK	1	19	20.1	20.3	20.3	20.4	20.3	20.3	0	20.8	18.9	19.0	19.1	19.2	19.2	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)							
						647000	650600	654200	657800	661400	665000	MPR	Max Output Pwr	647000	650600	654200	657800	661400	665000	MPR	Max Output Pwr
						3705 MHz	3759 MHz	3813 MHz	3867 MHz	3921 MHz	3975 MHz			3705 MHz	3759 MHz	3813 MHz	3867 MHz	3921 MHz	3975 MHz		
10	DFT-s	30	π/2 BPSK	1	12	19.9	20.2	20.2	20.3	20.3	20.2	0	20.8	18.7	19.0	19.0	19.1	19.1	19.0	0	19.5

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.

Maximum Output Power for Wi-Fi 2.4 GHz

The table below is the Maximum output 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(Power State) table, the highlighted worst case Low/Mid/High channels are selected for Mode A and Mode B.

Channel	Frequency (MHz)	Maximum 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	**21.5**	17.5	17.0	16.5	17.5	17.0	16.5	17.0	16.5	16.0	16.0	16.0	16.0	13.5	17.0	16.5	16.0	16.0	15.5	15.0	15.0	15.0	15.0	13.5
2	2417	**21.5**	20.5	20.0	19.5	20.5	20.0	19.5	19.0	18.5	18.0	18.0	18.0	16.5	13.5	19.5	19.0	18.5	18.0	17.5	17.0	17.0	17.0	16.5	13.5
3	2422	**21.5**	21.5	21.5	21.0	21.5	21.5	21.0	21.0	20.5	20.0	20.0	19.5	16.5	13.5	21.0	20.5	20.0	20.0	19.5	19.0	19.0	19.0	16.5	13.5
4	2427	**21.5**	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	19.5	16.5	13.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	19.5	16.5	13.5
5	2432	**21.5**	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	19.5	16.5	13.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	19.5	16.5	13.5
6	2437	**21.5**	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	19.5	16.5	13.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	19.5	16.5	13.5
7	2442	**21.5**	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	19.5	16.5	13.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	19.5	16.5	13.5
8	2447	**21.5**	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	19.5	16.5	13.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	19.5	16.5	13.5
9	2452	**21.5**	21.5	21.0	20.5	21.5	21.0	20.5	21.0	20.5	20.0	20.0	19.5	16.5	13.5	20.5	20.0	19.5	19.5	19.0	18.5	18.5	18.5	16.5	13.5
10	2457	**21.5**	20.5	20.0	19.5	20.5	20.0	19.5	19.0	18.5	18.0	18.0	18.0	16.5	13.5	19.5	19.0	18.5	18.0	17.5	17.0	17.0	17.0	16.5	13.5
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	16.0	13.5	17.5	17.0	16.5	16.0	15.5	15.0	15.0	15.0	15.0	13.5
12	2467	**21.5**	16.5	16.0	15.5	16.5	16.0	15.5	15.0	14.5	14.0	14.0	14.0	14.0	13.5	15.0	14.5	14.0	13.5	13.0	12.5	12.5	12.5	12.5	12.5
13	2472	**20.5**	15.0	15.0	15.0	15.0	15.0	15.0	10.0	10.0	10.0	10.0	7.0	4.0	1.0	14.5	14.5	14.5	9.0	9.0	9.0	9.0	6.0	3.0	0.0

Wi-Fi 2.4 GHz(Power States)

For 2.4 GHz band, there are use 6 difference power states:

- Power state 1: 802.15.4ab-NB_{OFF} | P_{mid} | $CELL_{OFF}$
- Power state 2: 802.15.4ab-NB_{ON} | P_{mid} | $CELL_{OFF}$
- Power state 3: 802.15.4ab-NB_{OFF} | P_{high} | $CELL_{OFF}$
- Power state 4: 802.15.4ab-NB_{OFF} | P_{low} | $CELL_{ON}$
- Power state 5: 802.15.4ab-NB_{ON} | P_{high} | $CELL_{OFF}$
- Power state 6: 802.15.4ab-NB_{ON} | P_{low} | $CELL_{ON}$

Antenna	Mode	Channel	Frequency (MHz)	Maximum Output Power (dBm)											
				Power States 1		Power States 2		Power States 3		Power States 4		Power States 5		Power States 6	
				Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B
ANT3	802.11b DSSS (SISO)	1	2412	**21.50**	**21.00**	**21.50**	**21.00**	**21.50**	**21.00**	**17.75**	**17.00**	**21.25**	**20.50**	**16.75**	**16.00**
		2	2417	21.50	21.00	21.50	21.00	21.50	21.00	17.75	17.00	21.25	20.50	16.75	16.00
		3	2422	21.50	21.00	21.50	21.00	21.50	21.00	17.75	17.00	21.25	20.50	16.75	16.00
		4	2427	21.50	21.00	21.50	21.00	21.50	21.00	17.75	17.00	21.25	20.50	16.75	16.00
		5	2432	21.50	21.00	21.50	21.00	21.50	21.00	17.75	17.00	21.25	20.50	16.75	16.00
		6	2437	**21.50**	**21.00**	**21.50**	**21.00**	**21.50**	**21.00**	**17.75**	**17.00**	**21.25**	**20.50**	**16.75**	**16.00**
		7	2442	21.50	21.00	21.50	21.00	21.50	21.00	17.75	17.00	21.25	20.50	16.75	16.00
		8	2447	21.50	21.00	21.50	21.00	21.50	21.00	17.75	17.00	21.25	20.50	16.75	16.00
		9	2452	21.50	21.00	21.50	21.00	21.50	21.00	17.75	17.00	21.25	20.50	16.75	16.00
		10	2457	21.50	21.00	21.50	21.00	21.50	21.00	17.75	17.00	21.25	20.50	16.75	16.00
		11	2462	**21.50**	**21.00**	**21.50**	**21.00**	**21.50**	**21.00**	**17.75**	**17.00**	**21.25**	**20.50**	**16.75**	**16.00**
		12	2467	21.50	21.00	21.50	21.00	21.50	21.00	17.75	17.00	21.25	20.50	16.75	16.00
		13	2472	20.50	20.50	20.50	20.50	20.50	20.50	17.75	17.00	20.50	20.50	16.75	16.00

Antenna	Mode	Channel	Frequency (MHz)	Maximum Output Power (dBm)											
				Power States 1		Power States 2		Power States 3		Power States 4		Power States 5		Power States 6	
				Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B
ANT4	802.11b DSSS (SISO)	1	2412	**21.00**	**19.75**	**21.00**	**19.75**	**21.00**	**19.75**	**17.00**	**15.75**	**20.50**	**19.25**	**16.00**	**14.75**
		2	2417	21.00	19.75	21.00	19.75	21.00	19.75	17.00	15.75	20.50	19.25	16.00	14.75
		3	2422	21.00	19.75	21.00	19.75	21.00	19.75	17.00	15.75	20.50	19.25	16.00	14.75
		4	2427	21.00	19.75	21.00	19.75	21.00	19.75	17.00	15.75	20.50	19.25	16.00	14.75
		5	2432	21.00	19.75	21.00	19.75	21.00	19.75	17.00	15.75	20.50	19.25	16.00	14.75
		6	2437	**21.00**	**19.75**	**21.00**	**19.75**	**21.00**	**19.75**	**17.00**	**15.75**	**20.50**	**19.25**	**16.00**	**14.75**
		7	2442	21.00	19.75	21.00	19.75	21.00	19.75	17.00	15.75	20.50	19.25	16.00	14.75
		8	2447	21.00	19.75	21.00	19.75	21.00	19.75	17.00	15.75	20.50	19.25	16.00	14.75
		9	2452	21.00	19.75	21.00	19.75	21.00	19.75	17.00	15.75	20.50	19.25	16.00	14.75
		10	2457	21.00	19.75	21.00	19.75	21.00	19.75	17.00	15.75	20.50	19.25	16.00	14.75
		11	2462	**21.00**	**19.75**	**21.00**	**19.75**	**21.00**	**19.75**	**17.00**	**15.75**	**20.50**	**19.25**	**16.00**	**14.75**
		12	2467	21.00	19.75	21.00	19.75	21.00	19.75	17.00	15.75	20.50	19.25	16.00	14.75
		13	2472	20.50	19.75	20.50	19.75	20.50	19.75	17.00	15.75	20.50	19.25	16.00	14.75

Note(s):

Power State 2 and 3 maximum output power same as Power State 1

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 output 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)	Max Output Pwr (dBm)	SAR Test (Yes/No)	Ch #	Freq. (MHz)	Meas Pwr (dBm)	Max Output Pwr (dBm)	SAR Test (Yes/No)
Power States 1 & Power States 2 & Power States 3	ANT3	DSSS 802.11b	1	2412	20.25	21.50	Yes	1	2412	19.80	21.00	Yes
			6	2437	20.44	21.50		6	2437	19.82	21.00	
			11	2462	20.56	21.50		11	2462	20.27	21.00	
	ANT4	DSSS 802.11b	1	2412	20.01	21.00	Yes	1	2412	18.25	19.75	Yes
			6	2437	20.09	21.00		6	2437	18.73	19.75	
			11	2462	20.09	21.00		11	2462	18.71	19.75	
Power Mode	Antenna	Mode	Power Mode A					Power Mode B				
			Ch #	Freq. (MHz)	Meas Pwr (dBm)	Max Output Pwr (dBm)	SAR Test (Yes/No)	Ch #	Freq. (MHz)	Meas Pwr (dBm)	Max Output Pwr (dBm)	SAR Test (Yes/No)
Power States 4	ANT3	DSSS 802.11b	1	2412	16.35	17.75	Yes	1	2412	15.60	17.00	Yes
			6	2437	16.75	17.75		6	2437	16.00	17.00	
			11	2462	16.74	17.75		11	2462	16.00	17.00	
	ANT4	DSSS 802.11b	1	2412	15.84	17.00	Yes	1	2412	14.25	15.75	Yes
			6	2437	15.90	17.00		6	2437	14.37	15.75	
			11	2462	15.91	17.00		11	2462	14.49	15.75	
Power Mode	Antenna	Mode	Power Mode A					Power Mode B				
			Ch #	Freq. (MHz)	Meas Pwr (dBm)	Max Output Pwr (dBm)	SAR Test (Yes/No)	Ch #	Freq. (MHz)	Meas Pwr (dBm)	Max Output Pwr (dBm)	SAR Test (Yes/No)
Power States 5	ANT3	DSSS 802.11b	1	2412	20.25	21.25	Yes	1	2412	19.80	20.50	Yes
			6	2437	20.44	21.25		6	2437	19.82	20.50	
			11	2462	20.56	21.25		11	2462	20.27	20.50	
	ANT4	DSSS 802.11b	1	2412	20.01	20.50	Yes	1	2412	18.25	19.25	Yes
			6	2437	20.09	20.50		6	2437	18.73	19.25	
			11	2462	20.09	20.50		11	2462	18.71	19.25	
Power Mode	Antenna	Mode	Power Mode A					Power Mode B				
			Ch #	Freq. (MHz)	Meas Pwr (dBm)	Max Output Pwr (dBm)	SAR Test (Yes/No)	Ch #	Freq. (MHz)	Meas Pwr (dBm)	Max Output Pwr (dBm)	SAR Test (Yes/No)
Power States 6	ANT3	DSSS 802.11b	1	2412	16.35	16.75	Yes	1	2412	15.60	16.00	Yes
			6	2437	16.75	16.75		6	2437	16.00	16.00	
			11	2462	16.74	16.75		11	2462	16.00	16.00	
	ANT4	DSSS 802.11b	1	2412	15.84	16.00	Yes	1	2412	14.25	14.75	Yes
			6	2437	15.90	16.00		6	2437	14.37	14.75	
			11	2462	15.91	16.00		11	2462	14.49	14.75	

Note(s):

1. SAR is not required for channel 12 and 13 because the maximum output power 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.

Duty Factor Measured Results

Mode	Type	T on (ms)	Period (ms)	Duty Cycle	Crest Factor (1/duty cycle)
802.11b	1 Mbps	12.41	12.43	99.84%	1.00

Note(s):

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

Duty Cycle plots

802.11b 1 Mbps

9.8. Wi-Fi 5GHz (U-NII 1-3 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.

Maximum Output Power for Wi-Fi 5 GHz

The table below is the maximum output 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(Power State) table, the highlighted worst case Low/Mid/High channels are selected for Mode A and Mode B.

Maximum 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	19.0	19.0	19.0	19.0	19.0	18.0	18.0	18.0	18.0	17.5	14.5	11.5
		40	5200	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	17.5	14.5	11.5
		44	5220	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	17.5	14.5	11.5
		48	5240	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	17.5	14.5	11.5
	U-NII-2A	52	5260	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	17.5	14.5	NS
		56	5280	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	17.5	14.5	NS
		60	5300	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	17.5	14.5	NS
		64	5320	19.0	19.0	19.0	19.0	19.0	19.0	18.0	18.0	18.0	18.0	17.5	14.5	NS
	U-NII-2C	100	5500	19.5	18.5	18.0	19.5	18.5	18.0	19.0	18.5	18.0	18.0	17.5	14.5	NS
		104	5520	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	17.5	14.5	NS
		108	5540	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	17.5	14.5	NS
		112	5560	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	17.5	14.5	NS
		116	5580	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	17.5	14.5	NS
		120	5600	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	17.5	14.5	NS
		124	5620	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	17.5	14.5	NS
		128	5640	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	17.5	14.5	NS
		132	5660	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	17.5	14.5	NS
		136	5680	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	17.5	14.5	NS
		140	5700	17.0	16.5	16.0	17.0	16.5	16.0	16.5	16.0	15.5	15.5	15.5	14.5	NS
		144	5720	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	17.5	14.5	NS
	U-NII-3	149	5745	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	19.0	16.0	13.0
		153	5765	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	19.0	16.0	13.0
		157	5785	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	19.0	16.0	13.0
		161	5805	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	19.0	16.0	13.0
		165	5825	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	19.0	16.0	13.0
Bandwidth	Band	Channel	Frequency (MHz)				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)
40 MHz	U-NII-1	38	5190				16.5	16.0	15.5	16.0	15.5	15.0	15.0	15.0	12.5	9.5
		46	5230				20.5	20.5	20.5	20.5	20.5	20.5	20.5	15.5	12.5	9.5
	U-NII-2A	54	5270				20.5	20.5	20.5	20.5	20.5	20.5	20.5	15.5	12.5	NS
		62	5310				17.0	16.5	16.0	16.0	15.5	15.0	15.0	15.0	12.5	NS
	U-NII-2C	102	5510				16.0	15.5	15.0	16.0	15.5	15.0	15.0	15.0	12.5	NS
		110	5550				20.5	20.5	20.5	20.5	20.5	20.5	20.5	15.5	12.5	NS
		118	5590				20.5	20.5	20.5	20.5	20.5	20.5	20.5	15.5	12.5	NS
		126	5630				20.5	20.5	20.5	20.5	20.5	20.5	20.5	15.5	12.5	NS
		134	5670				19.5	19.0	18.5	19.0	18.5	18.0	18.0	15.5	12.5	NS
		142	5710				20.5	20.5	20.5	20.5	20.5	20.5	20.5	15.5	12.5	NS
	U-NII-3	151	5755				20.5	20.5	20.5	20.5	20.5	20.5	20.5	15.5	12.5	9.5
		159	5795				20.5	20.5	20.5	20.5	20.5	20.5	20.5	15.5	12.5	9.5
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)
80 MHz	U-NII-1	42	5210				16.5	16.0	15.5	16.5	16.0	15.5	15.5	12.5	9.5	6.5
	U-NII-2A	58	5290				17.0	16.5	16.0	17.0	16.5	16.0	16.0	12.5	9.5	NS
	U-NII-2C	106	5530				17.0	16.5	16.0	16.0	15.5	15.0	15.0	12.5	9.5	NS
		122	5610				20.5	20.5	20.5	20.5	20.5	20.5	20.5	12.5	9.5	NS
		138	5690				20.5	20.5	20.5	20.5	20.5	20.5	20.5	12.5	9.5	NS
	U-NII-3	155	5775				20.5	20.5	20.5	20.5	20.5	20.5	20.5	12.5	9.5	6.5
Bandwidth	Band	Channel	Frequency (MHz)				11ac VHT160 (SISO) Low Rate	11ac VHT160 (SISO) Mid Rate	11ac VHT160 (SISO) High Rate	11ax HE160 (SISO) Low Rate	11ax HE160 (SISO) Mid Rate	11ax HE160 (SISO) High Rate	11ax HE160 RU996_2 (SISO)	11ax HE160 RU106 (SISO)	11ax HE160 RU52 (SISO)	11ax HE160 RU26 (SISO)
160 MHz	U-NII-1&2A	50	5250				14.5	13.5	13.3	14.5	13.8	13.3	13.3	9.5	6.5	NS
	U-NII-2C	114	5570				15.5	14.5	14.3	15.5	14.5	14.3	14.3	9.5	6.5	NS

Maximum 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	16.5	16.5	16.5	16.5	14.5	11.5	8.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	8.5
		40	5200	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	8.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	8.5
		44	5220	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	8.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	8.5
		48	5240	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	8.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	8.5
	U-NII-2A	52	5260	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	NS	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	NS
		56	5280	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	NS	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	NS
		60	5300	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	NS	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	NS
		64	5320	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	NS	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	NS
	U-NII-2C	100	5500	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	NS	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	NS
		104	5520	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	NS	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	NS
		108	5540	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	NS	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	NS
		112	5560	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	NS	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	NS
		116	5580	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	NS	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	NS
		120	5600	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	NS	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	NS
		124	5620	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	NS	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	NS
		128	5640	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	NS	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	NS
		132	5660	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	NS	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	NS
		136	5680	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	NS	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	NS
		140	5700	16.5	16.0	15.0	16.0	15.5	15.0	15.0	14.5	11.5	NS	16.5	16.0	15.0	16.0	15.5	15.0	15.0	14.5	11.5	NS
		144	5720	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	NS	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	NS
	U-NII-3	149	5745	21.0	21.0	21.0	21.0	21.0	21.0	21.0	19.0	16.0	13.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	19.0	16.0	13.0
		153	5765	21.0	21.0	21.0	21.0	21.0	21.0	21.0	19.0	16.0	13.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	19.0	16.0	13.0
		157	5785	21.0	21.0	21.0	21.0	21.0	21.0	21.0	19.0	16.0	13.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	19.0	16.0	13.0
		161	5805	21.0	21.0	21.0	21.0	21.0	21.0	21.0	19.0	16.0	13.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	19.0	16.0	13.0
		165	5825	21.0	21.0	21.0	21.0	21.0	21.0	21.0	19.0	16.0	13.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	19.0	16.0	13.0
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)
40 MHz	U-NII-1	38	5190	16.0	15.5	15.0	15.5	15.0	14.5	14.5	14.5	11.5	8.5	16.0	15.5	15.0	15.5	15.0	14.5	14.5	14.5	11.5	8.5
		46	5230	19.0	19.0	19.0	19.0	19.0	19.0	19.0	14.5	11.5	8.5	19.0	19.0	19.0	19.0	19.0	19.0	19.0	14.5	11.5	8.5
	U-NII-2A	54	5270	19.0	19.0	19.0	19.0	19.0	19.0	19.0	14.5	11.5	NS	19.0	19.0	19.0	19.0	19.0	19.0	19.0	14.5	11.5	NS
		62	5310	15.5	15.0	14.5	15.5	15.0	14.5	14.5	14.5	11.5	NS	15.5	15.0	14.5	15.5	15.0	14.5	14.5	14.5	11.5	NS
	U-NII-2C	102	5510	15.0	14.5	14.0	15.5	15.0	14.5	14.5	14.5	11.5	NS	15.0	14.5	14.0	15.5	15.0	14.5	14.5	14.5	11.5	NS
		110	5550	19.0	19.0	19.0	19.0	19.0	19.0	19.0	14.5	11.5	NS	19.0	19.0	19.0	19.0	19.0	19.0	19.0	14.5	11.5	NS
		118	5590	19.0	19.0	19.0	19.0	19.0	19.0	19.0	14.5	11.5	NS	19.0	19.0	19.0	19.0	19.0	19.0	19.0	14.5	11.5	NS
		126	5630	19.0	19.0	19.0	19.0	19.0	19.0	19.0	14.5	11.5	NS	19.0	19.0	19.0	19.0	19.0	19.0	19.0	14.5	11.5	NS
		134	5670	19.0	18.5	18.0	18.5	18.0	17.5	17.5	14.5	11.5	NS	19.0	18.5	18.0	18.5	18.0	17.5	17.5	14.5	11.5	NS
		142	5710	19.0	19.0	19.0	19.0	19.0	19.0	19.0	14.5	11.5	NS	19.0	19.0	19.0	19.0	19.0	19.0	19.0	14.5	11.5	NS
	U-NII-3	151	5755	20.5	20.5	20.5	20.5	20.5	20.5	20.5	15.5	12.5	9.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	15.5	12.5	9.5
		159	5795	20.5	20.5	20.5	20.5	20.5	20.5	20.5	15.5	12.5	9.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	15.5	12.5	9.5
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)
80 MHz	U-NII-1	42	5210	15.5	15.0	14.5	15.5	15.0	14.5	14.5	12.5	9.5	6.5	15.5	15.0	14.5	15.5	15.0	14.5	14.5	12.5	9.5	6.5
	U-NII-2A	58	5290	16.5	16.0	15.5	16.0	15.5	15.0	15.0	12.5	9.5	NS	16.5	16.0	15.5	16.0	15.5	15.0	15.0	12.5	9.5	NS
	U-NII-2C	106	5530	16.5	16.0	15.5	15.0	14.5	14.0	14.0	12.5	9.5	NS	16.5	16.0	15.5	15.0	14.5	14.0	14.0	12.5	9.5	NS
		122	5610	20.0	20.0	20.0	20.0	20.0	20.0	20.0	12.5	9.5	NS	20.0	20.0	20.0	20.0	20.0	20.0	20.0	12.5	9.5	NS
		138	5690	20.0	20.0	20.0	20.0	20.0	20.0	20.0	12.5	9.5	NS	20.0	20.0	20.0	20.0	20.0	20.0	20.0	12.5	9.5	NS
	U-NII-3	155	5775	20.5	20.5	20.5	20.5	20.5	20.5	20.5	12.5	9.5	6.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	12.5	9.5	6.5
Bandwidth	Band	Channel	Frequency (MHz)	11ac VHT160 (2Tx, CDD, nonTXBF) Low Rate	11ac VHT160 (2Tx, CDD, nonTXBF) Mid Rate	11ac VHT160 (2Tx, CDD, nonTXBF) High Rate	11ax HE160 (2Tx, CDD, nonTxBF) Low Rate	11ax HE160 (2Tx, CDD, nonTxBF) Mid Rate	11ax HE160 (2Tx, CDD, nonTxBF) High Rate	11ax HE160 RU996_2 (2Tx, CDD, nonTxBF)	11ax HE160 RU106 (2Tx, CDD, nonTxBF)	11ax HE160 RU52 (2Tx, CDD, nonTxBF)	11ax HE160 RU26 (2Tx, CDD, nonTxBF)	11ac VHT160 (2Tx, SDM, nonTxBF) Low Rate	11ac VHT160 (2Tx, SDM, nonTxBF) Mid Rate	11ac VHT160 (2Tx, SDM, nonTxBF) High Rate	11ax HE160 (2Tx, SDM, nonTXBF) Low Rate	11ax HE160 (2Tx, SDM, nonTXBF) Mid Rate	11ax HE160 (2Tx, SDM, nonTXBF) High Rate	11ax HE160 RU996_2 (2Tx, SDM, nonTxBF)	11ax HE160 RU106 (2Tx, SDM, nonTxBF)	11ax HE160 RU52 (2Tx, SDM, nonTxBF)	
160 MHz	U-NII-1&2A	50	5250	14.0	13.0	12.8	14.0	13.3	12.8	12.8	9.5	6.5	NS	14.0	13.0	12.8	14.0	13.3	12.8	12.8	9.5	6.5	
	U-NII-2C	114	5570	15.0	14.0	13.8	15.0	14.0	13.8	13.8	9.5	6.5	NS	15.0	14.0	13.8	15.0	14.0	13.8	13.8	9.5	6.5	

Wi-Fi 5 GHz(Power States)

For 5 GHz bands, there are use 6 difference power states:

- Power state 1: 802.15.4ab-NB$_{OFF}$ | P$_{mid}$ | CELL$_{OFF}$
- Power state 2: 802.15.4ab-NB$_{ON}$ | P$_{mid}$ | CELL$_{OFF}$
- Power state 3: 802.15.4ab-NB$_{OFF}$ | P$_{high}$ | CELL$_{OFF}$
- Power state 4: 802.15.4ab-NB$_{OFF}$ | P$_{low}$ | CELL$_{ON}$
- Power state 5: 802.15.4ab-NB$_{ON}$ | P$_{high}$ | CELL$_{OFF}$
- Power state 6: 802.15.4ab-NB$_{ON}$ | P$_{low}$ | CELL$_{ON}$

Antenna	Mode	Bandwidth	Channel	Frequency	Maximum Output Power (dBm)											
					Power State 1		Power State 2		Power State 3		Power State 4		Power State 5		Power State 6	
					Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B
ANT5	U-NII-1 5.2 GHz (SISO)	802.11a 20 MHz	36	5180	19.00	19.00	19.00	19.00	19.00	19.00	19.00	16.00	19.00	19.00	18.00	15.00
			40	5200	19.50	19.50	19.50	19.50	19.50	19.50	19.00	16.00	19.50	19.50	18.00	15.00
			44	5220	19.50	19.50	19.50	19.50	19.50	19.50	19.00	16.00	19.50	19.50	18.00	15.00
			48	5240	19.50	19.50	19.50	19.50	19.50	19.50	19.00	16.00	19.50	19.50	18.00	15.00
		802.11n/ac 40 MHz	38	5190	16.50	**16.50**	16.50	**16.50**	16.50	**16.50**	16.50	16.00	16.50	**16.50**	16.50	15.00
			46	5230	20.50	**20.00**	20.50	**20.00**	20.50	**20.00**	19.00	16.00	20.50	**19.50**	18.00	15.00
		802.11ac 80 MHz	42	5210	16.50	16.50	16.50	16.50	16.50	16.50	16.50	**16.00**	16.50	16.50	16.50	**15.00**
	U-NII-2A 5.3 GHz (SISO)	802.11ax 20 MHz	52	5260	19.50	19.50	19.50	19.50	19.50	19.50	19.00	15.50	19.50	19.00	18.00	14.50
			56	5280	19.50	19.50	19.50	19.50	19.50	19.50	19.00	15.50	19.50	19.00	18.00	14.50
			60	5300	19.50	19.50	19.50	19.50	19.50	19.50	19.00	15.50	19.50	19.00	18.00	14.50
			64	5320	19.00	19.00	19.00	19.00	19.00	19.00	19.00	15.50	19.00	19.00	18.00	14.50
		802.11n/ac 40 MHz	54	5270	**20.50**	19.50	**20.50**	19.50	**20.50**	19.50	**19.00**	15.50	**20.50**	19.00	**18.00**	14.50
			62	5310	**17.00**	17.00	**17.00**	17.00	**17.00**	17.00	**17.00**	15.50	**17.00**	17.00	**17.00**	14.50
		802.11ac 80 MHz	58	5290	17.00	17.00	17.00	17.00	17.00	17.00	17.00	15.50	17.00	17.00	17.00	14.50
		802.11ac 160 MHz	50	5250	14.50	14.50	14.50	14.50	14.50	14.50	14.50	14.50	14.50	14.50	14.50	14.50

Antenna	Mode	Bandwidth	Channel	Frequency	Maximum Output Power (dBm)											
					Power State 1		Power State 2		Power State 3		Power State 4		Power State 5		Power State 6	
					Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B
ANT5	U-NII-2C 5.5 GHz (SISO)	802.11a 20 MHz	100	5500	19.50	19.50	19.50	19.50	19.50	19.50	18.00	15.50	19.50	19.00	17.00	14.50
			104	5520	19.50	19.50	19.50	19.50	19.50	19.50	18.00	15.50	19.50	19.00	17.00	14.50
			108	5540	19.50	19.50	19.50	19.50	19.50	19.50	18.00	15.50	19.50	19.00	17.00	14.50
			112	5560	19.50	19.50	19.50	19.50	19.50	19.50	18.00	15.50	19.50	19.00	17.00	14.50
			116	5580	19.50	19.50	19.50	19.50	19.50	19.50	18.00	15.50	19.50	19.00	17.00	14.50
			120	5600	19.50	19.50	19.50	19.50	19.50	19.50	18.00	15.50	19.50	19.00	17.00	14.50
			124	5620	19.50	19.50	19.50	19.50	19.50	19.50	18.00	15.50	19.50	19.00	17.00	14.50
			128	5640	19.50	19.50	19.50	19.50	19.50	19.50	18.00	15.50	19.50	19.00	17.00	14.50
			132	5660	19.50	19.50	19.50	19.50	19.50	19.50	18.00	15.50	19.50	19.00	17.00	14.50
			136	5680	19.50	19.50	19.50	19.50	19.50	19.50	18.00	15.50	19.50	19.00	17.00	14.50
			140	5700	17.00	17.00	17.00	17.00	17.00	17.00	17.00	15.50	17.00	17.00	17.00	14.50
			144	5720	19.50	19.50	19.50	19.50	19.50	19.50	18.00	15.50	19.50	19.00	17.00	14.50
		802.11n/ac 40 MHz	102	5510	16.00	16.00	16.00	16.00	16.00	16.00	16.00	15.50	16.00	16.00	16.00	14.50
			110	5550	20.50	19.50	20.50	19.50	20.50	19.50	18.00	15.50	20.50	19.00	17.00	14.50
			118	5590	20.50	19.50	20.50	19.50	20.50	19.50	18.00	15.50	20.50	19.00	17.00	14.50
			126	5630	20.50	19.50	20.50	19.50	20.50	19.50	18.00	15.50	20.50	19.00	17.00	14.50
			134	5670	19.50	19.50	19.50	19.50	19.50	19.50	18.00	15.50	19.50	19.00	17.00	14.50
			142	5710	20.50	19.50	20.50	19.50	20.50	19.50	18.00	15.50	20.50	19.00	17.00	14.50
		802.11ac 80 MHz	106	5530	**17.00**	**17.00**	**17.00**	**17.00**	**17.00**	**17.00**	**17.00**	15.50	**17.00**	**17.00**	**17.00**	14.50
			122	5610	**20.50**	**19.50**	**20.50**	**19.50**	**20.50**	**19.50**	**18.00**	15.50	**20.50**	**19.00**	**17.00**	14.50
			138	5690	**20.50**	**19.50**	**20.50**	**19.50**	**20.50**	**19.50**	**18.00**	15.50	**20.50**	**19.00**	**17.00**	14.50
		802.11ac 160 MHz	114	5570	15.50	15.50	15.50	15.50	15.50	15.50	15.50	**15.50**	15.50	15.50	15.50	**14.50**

Antenna	Mode	Bandwidth	Channel	Frequency	Maximum Output Power (dBm)											
					Power State 1		Power State 2		Power State 3		Power State 4		Power State 5		Power State 6	
					Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B
ANT5	U-NII-3 5.8 GHz (SISO)	802.11a/n/ac 20 MHz	149	5745	**21.00**	19.50	**21.00**	19.50	**21.00**	19.50	18.50	15.50	**21.00**	19.00	17.50	14.50
			153	5765	**21.00**	19.50	**21.00**	19.50	**21.00**	19.50	18.50	15.50	**21.00**	19.00	17.50	14.50
			157	5785	**21.00**	19.50	**21.00**	19.50	**21.00**	19.50	18.50	15.50	**21.00**	19.00	17.50	14.50
			161	5805	**21.00**	19.50	**21.00**	19.50	**21.00**	19.50	18.50	15.50	**21.00**	19.00	17.50	14.50
			165	5825	**21.00**	19.50	**21.00**	19.50	**21.00**	19.50	18.50	15.50	**21.00**	19.00	17.50	14.50
		802.11n/ac 40 MHz	151	5755	20.50	19.50	20.50	19.50	20.50	19.50	18.50	15.50	20.50	19.00	17.50	14.50
			159	5795	20.50	19.50	20.50	19.50	20.50	19.50	18.50	15.50	20.50	19.00	17.50	14.50
		802.11ac 80 MHz	155	5775	20.50	**19.50**	20.50	**19.50**	20.50	**19.50**	**18.50**	**15.50**	20.50	**19.00**	**17.50**	**14.50**

Note(s):

Power State 2 and 3 maximum output power same as Power State 1

Antenna	Mode	Bandwidth	Channel	Frequency	Maximum Output Power (dBm)											
					Power State 1		Power State 2		Power State 3		Power State 4		Power State 5		Power State 6	
					Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B
ANT6	U-NII-1 5.2 GHz (SISO)	802.11a 20 MHz	36	5180	19.00	19.00	19.00	19.00	19.00	19.00	17.25	16.00	19.00	19.00	16.25	15.00
			40	5200	19.50	19.50	19.50	19.50	19.50	19.50	17.25	16.00	19.50	19.50	16.25	15.00
			44	5220	19.50	19.50	19.50	19.50	19.50	19.50	17.25	16.00	19.50	19.50	16.25	15.00
			48	5240	19.50	19.50	19.50	19.50	19.50	19.50	17.25	16.00	19.50	19.50	16.25	15.00
		802.11n/ac 40 MHz	38	5190	16.50	**16.50**	16.50	**16.50**	16.50	**16.50**	**16.50**	16.00	**16.50**	**16.50**	16.25	15.00
			46	5230	20.50	**20.00**	20.50	**20.00**	20.50	**20.00**	**17.25**	16.00	**20.50**	**19.50**	16.25	15.00
		802.11ac 80 MHz	42	5210	16.50	16.50	16.50	16.50	16.50	16.50	16.50	**16.00**	16.50	16.50	**16.25**	**15.00**
	U-NII-2A 5.3 GHz (SISO)	802.11ax 20 MHz	52	5260	19.50	19.50	19.50	19.50	19.50	19.50	16.75	15.50	19.50	19.00	15.75	14.50
			56	5280	19.50	19.50	19.50	19.50	19.50	19.50	16.75	15.50	19.50	19.00	15.75	14.50
			60	5300	19.50	19.50	19.50	19.50	19.50	19.50	16.75	15.50	19.50	19.00	15.75	14.50
			64	5320	19.00	19.00	19.00	19.00	19.00	19.00	16.75	15.50	19.00	19.00	15.75	14.50
		802.11n/ac 40 MHz	54	5270	**20.50**	19.50	**20.50**	19.50	**20.50**	19.50	16.75	15.50	20.25	19.00	15.75	14.50
			62	5310	**17.00**	17.00	**17.00**	17.00	**17.00**	17.00	16.75	15.50	17.00	17.00	15.75	14.50
		802.11ac 80 MHz	58	5290	17.00	17.00	17.00	17.00	17.00	17.00	16.75	15.50	17.00	17.00	15.75	14.50
		802.11ac 160 MHz	50	5250	14.50	14.50	14.50	14.50	14.50	14.50	14.50	14.50	14.50	14.50	14.50	14.50

Antenna	Mode	Bandwidth	Channel	Frequency	Maximum Output Power (dBm)											
					Power State 1		Power State 2		Power State 3		Power State 4		Power State 5		Power State 6	
					Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B
ANT6	U-NII-2C 5.5 GHz (SISO)	802.11a 20 MHz	100	5500	19.50	19.25	19.50	19.25	19.50	19.25	18.00	15.25	19.50	18.75	17.00	14.25
			104	5520	19.50	19.25	19.50	19.25	19.50	19.25	18.00	15.25	19.50	18.75	17.00	14.25
			108	5540	19.50	19.25	19.50	19.25	19.50	19.25	18.00	15.25	19.50	18.75	17.00	14.25
			112	5560	19.50	19.25	19.50	19.25	19.50	19.25	18.00	15.25	19.50	18.75	17.00	14.25
			116	5580	19.50	19.25	19.50	19.25	19.50	19.25	18.00	15.25	19.50	18.75	17.00	14.25
			120	5600	19.50	19.25	19.50	19.25	19.50	19.25	18.00	15.25	19.50	18.75	17.00	14.25
			124	5620	19.50	19.25	19.50	19.25	19.50	19.25	18.00	15.25	19.50	18.75	17.00	14.25
			128	5640	19.50	19.25	19.50	19.25	19.50	19.25	18.00	15.25	19.50	18.75	17.00	14.25
			132	5660	19.50	19.25	19.50	19.25	19.50	19.25	18.00	15.25	19.50	18.75	17.00	14.25
			136	5680	19.50	19.25	19.50	19.25	19.50	19.25	18.00	15.25	19.50	18.75	17.00	14.25
			140	5700	17.00	17.00	17.00	17.00	17.00	17.00	17.00	15.25	17.00	17.00	17.00	14.25
			144	5720	19.50	19.25	19.50	19.25	19.50	19.25	18.00	15.25	19.50	18.75	17.00	14.25
		802.11n/ac 40 MHz	102	5510	16.00	16.00	16.00	16.00	16.00	16.00	16.00	15.25	16.00	16.00	16.00	14.25
			110	5550	20.50	19.25	20.50	19.25	20.50	19.25	18.00	15.25	20.50	18.75	17.00	14.25
			118	5590	20.50	19.25	20.50	19.25	20.50	19.25	18.00	15.25	20.50	18.75	17.00	14.25
			126	5630	20.50	19.25	20.50	19.25	20.50	19.25	18.00	15.25	20.50	18.75	17.00	14.25
			134	5670	19.50	19.25	19.50	19.25	19.50	19.25	18.00	15.25	19.50	18.75	17.00	14.25
			142	5710	20.50	19.25	20.50	19.25	20.50	19.25	18.00	15.25	20.50	18.75	17.00	14.25
		802.11ac 80 MHz	106	5530	**17.00**	**17.00**	**17.00**	**17.00**	**17.00**	**17.00**	**17.00**	15.25	**17.00**	**17.00**	**17.00**	14.25
			122	5610	**20.50**	**19.25**	**20.50**	**19.25**	**20.50**	**19.25**	**18.00**	15.25	**20.50**	**18.75**	**17.00**	14.25
			138	5690	**20.50**	**19.25**	**20.50**	**19.25**	**20.50**	**19.25**	**18.00**	15.25	**20.50**	**18.75**	**17.00**	14.25
		802.11ac 160 MHz	114	5570	15.50	15.50	15.50	15.50	15.50	15.50	15.50	**15.25**	15.50	15.50	15.50	**14.25**

Antenna	Mode	Bandwidth	Channel	Frequency	Maximum Output Power (dBm)											
					Power State 1		Power State 2		Power State 3		Power State 4		Power State 5		Power State 6	
					Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B
ANT6	U-NII-3 5.8 GHz (SISO)	802.11a/n/ac 20 MHz	149	5745	**21.00**	19.50	**21.00**	19.50	**21.00**	19.50	19.50	15.50	**21.00**	19.00	18.50	14.50
			153	5765	**21.00**	19.50	**21.00**	19.50	**21.00**	19.50	19.50	15.50	**21.00**	19.00	18.50	14.50
			157	5785	**21.00**	19.50	**21.00**	19.50	**21.00**	19.50	19.50	15.50	**21.00**	19.00	18.50	14.50
			161	5805	**21.00**	19.50	**21.00**	19.50	**21.00**	19.50	19.50	15.50	**21.00**	19.00	18.50	14.50
			165	5825	**21.00**	19.50	**21.00**	19.50	**21.00**	19.50	19.50	15.50	**21.00**	19.00	18.50	14.50
		802.11n/ac 40 MHz	151	5755	20.50	19.50	20.50	19.50	20.50	19.50	19.50	15.50	20.50	19.00	18.50	14.50
			159	5795	20.50	19.50	20.50	19.50	20.50	19.50	19.50	15.50	20.50	19.00	18.50	14.50
		802.11ac 80 MHz	155	5775	20.50	**19.50**	20.50	**19.50**	20.50	**19.50**	**19.50**	**15.50**	20.50	**19.00**	**18.50**	**14.50**

Note(s):

Power State 2 and 3 maximum output power same as Power State 1

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 output 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)	Max Output Pwr (dBm)	SAR Test (Yes/No)	Band	Mode	Ch #	Freq. (MHz)	Meas Pwr (dBm)	Max Output Pwr (dBm)	SAR Test (Yes/No)
Power State 1 & Power State 2 & Power State 3	ANT5	U-NII-2A	802.11n HT40	54	5270	19.88	20.50	Yes	U-NII-1	802.11n HT40	38	5190	16.00	16.50	Yes
				62	5310	16.41	17.00				46	5230	19.11	20.00	
		U-NII-2C	802.11ac VHT80	106	5530	16.35	17.00	Yes	U-NII-2C	802.11ac VHT80	106	5530	16.35	17.00	Yes
				122	5610	19.39	20.50				122	5610	18.31	19.50	
				138	5690	19.07	20.50				138	5690	18.06	19.50	
		U-NII-3	802.11a	149	5745	19.63	21.00	Yes	U-NII-3	802.11ac VHT80	155	5775	18.84	19.50	Yes
				157	5785	19.66	21.00								
				165	5825	19.74	21.00								
	ANT6	U-NII-2A	802.11n HT40	54	5270	19.57	20.50	Yes	U-NII-1	802.11n HT40	38	5190	15.74	16.50	Yes
				62	5310	16.33	17.00				46	5230	18.90	20.00	
		U-NII-2C	802.11ac VHT80	106	5530	16.45	17.00	Yes	U-NII-2C	802.11ac VHT80	106	5530	16.14	17.00	Yes
				122	5610	19.88	20.50				122	5610	18.00	19.25	
				138	5690	19.42	20.50				138	5690	17.90	19.25	
		U-NII-3	802.11a	149	5745	20.20	21.00	Yes	U-NII-3	802.11ac VHT80	155	5775	19.00	19.50	Yes
				157	5785	20.24	21.00								
				165	5825	20.22	21.00								

Power Mode	Antenna	Power Mode A							Power Mode B						
		Band	Mode	Ch #	Freq. (MHz)	Meas Pwr (dBm)	Max Output Pwr (dBm)	SAR Test (Yes/No)	Band	Mode	Ch #	Freq. (MHz)	Meas Pwr (dBm)	Max Output Pwr (dBm)	SAR Test (Yes/No)
Power State 4	ANT5	U-NII-2A	802.11n HT40	54	5270	18.00	19.00	Yes	U-NII-1	802.11ac VHT80	42	5210	14.50	16.00	Yes
				62	5310	16.05	17.00								
		U-NII-2C	802.11ac VHT80	106	5530	16.06	17.00	Yes	U-NII-2C	802.11ac VHT160	114	5570	14.01	15.50	Yes
				122	5610	16.81	18.00								
				138	5690	16.21	18.00								
		U-NII-3	802.11ac VHT80	155	5775	17.26	18.50	Yes	U-NII-3	802.11ac VHT80	155	5775	14.30	15.50	Yes
	ANT6	U-NII-1	802.11n HT40	38	5190	15.40	16.50	Yes	U-NII-1	802.11ac VHT80	42	5210	14.50	16.00	Yes
				46	5230	16.93	17.25								
		U-NII-2C	802.11ac VHT80	106	5530	15.88	17.00	Yes	U-NII-2C	802.11ac VHT160	114	5570	13.90	15.25	Yes
				122	5610	17.00	18.00	Yes							
				138	5690	16.52	18.00	Yes							
		U-NII-3	802.11ac VHT80	155	5775	18.38	19.50	Yes	U-NII-3	802.11ac VHT80	155	5775	14.25	15.50	Yes

Power Mode	Antenna	Power Mode A							Power Mode B						
		Band	Mode	Ch #	Freq. (MHz)	Meas Pwr (dBm)	Max Output Pwr (dBm)	SAR Test (Yes/No)	Band	Mode	Ch #	Freq. (MHz)	Meas Pwr (dBm)	Max Output Pwr (dBm)	SAR Test (Yes/No)
Power State 5	ANT5	U-NII-2A	802.11n HT40	54	5270	19.88	20.50	Yes	U-NII-1	802.11n HT40	38	5190	16.00	16.50	Yes
				62	5310	16.41	17.00				46	5230	19.11	19.50	
		U-NII-2C	802.11ac VHT80	106	5530	16.35	17.00	Yes	U-NII-2C	802.11ac VHT80	106	5530	16.35	17.00	Yes
				122	5610	19.39	20.50				122	5610	18.31	19.00	
				138	5690	19.07	20.50				138	5690	18.06	19.00	
		U-NII-3	802.11a	149	5745	19.63	21.00	Yes	U-NII-3	802.11ac VHT80	155	5775	18.84	19.00	Yes
				157	5785	19.66	21.00								
				165	5825	19.74	21.00								
	ANT6	U-NII-1	802.11n HT40	38	5190	15.69	16.50	Yes	U-NII-1	802.11n HT40	38	5190	15.74	16.50	Yes
				46	5230	20.03	20.50				46	5230	18.90	19.50	
		U-NII-2C	802.11ac VHT80	106	5530	16.45	17.50	Yes	U-NII-2C	802.11ac VHT80	106	5530	16.14	17.00	Yes
				122	5610	19.88	20.50				122	5610	18.00	18.75	
				138	5690	19.42	20.50				138	5690	17.90	18.75	
		U-NII-3	802.11a	149	5745	20.20	21.00	Yes	U-NII-3	802.11ac VHT80	155	5775	19.00	19.00	Yes
				157	5785	20.24	21.00								
				165	5825	20.22	21.00								

Power Mode	Antenna	Power Mode A							Power Mode B						
		Band	Mode	Ch #	Freq. (MHz)	Meas Pwr (dBm)	Max Output Pwr (dBm)	SAR Test (Yes/No)	Band	Mode	Ch #	Freq. (MHz)	Meas Pwr (dBm)	Max Output Pwr (dBm)	SAR Test (Yes/No)
Power State 6	ANT5	U-NII-2A	802.11n HT40	54	5270	18.00	18.00	Yes	U-NII-1	802.11ac VHT80	42	5210	14.50	15.00	Yes
				62	5310	16.05	17.00								
		U-NII-2C	802.11ac VHT80	106	5530	16.06	17.00	Yes	U-NII-2C	802.11ac VHT160	114	5570	14.01	14.50	Yes
				122	5610	16.81	17.00								
				138	5690	16.21	17.00								
		U-NII-3	802.11ac VHT80	155	5775	17.26	17.50	Yes	U-NII-3	802.11ac VHT80	155	5775	14.30	14.50	Yes
	ANT6	U-NII-1	802.11ac VHT80	42	5210	15.00	16.25	Yes	U-NII-1	802.11ac VHT160	50	5250	14.50	15.00	Yes
		U-NII-2C	802.11ac VHT80	106	5530	15.88	17.00	Yes	U-NII-2C	802.11ac VHT160	114	5570	13.90	14.25	Yes
				122	5610	17.00	17.00								
				138	5690	16.52	17.00								
		U-NII-3	802.11ac VHT80	155	5775	18.38	18.50	Yes	U-NII-3	802.11ac VHT80	155	5775	14.25	14.50	Yes

Duty Factor Measured Results

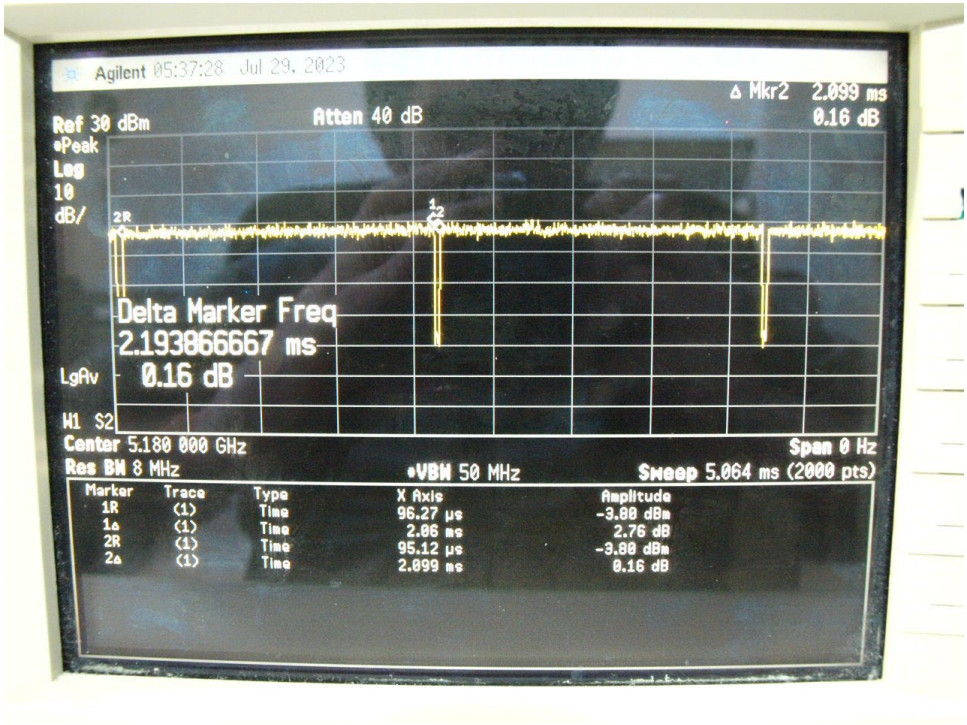
Mode	Type	T on (ms)	Period (ms)	Duty Cycle	Crest Factor (1/duty cycle)
802.11a	6 Mbps	2.060	2.099	98.14%	1.02
802.11n HT40	MCS0	0.9652	0.9873	97.76%	1.02
802.11ac VHT80	MCS0	0.4596	0.481	95.55%	1.05
802.11ac VHT160	MCS0	0.2515	0.2724	92.33%	1.08

Note(s):

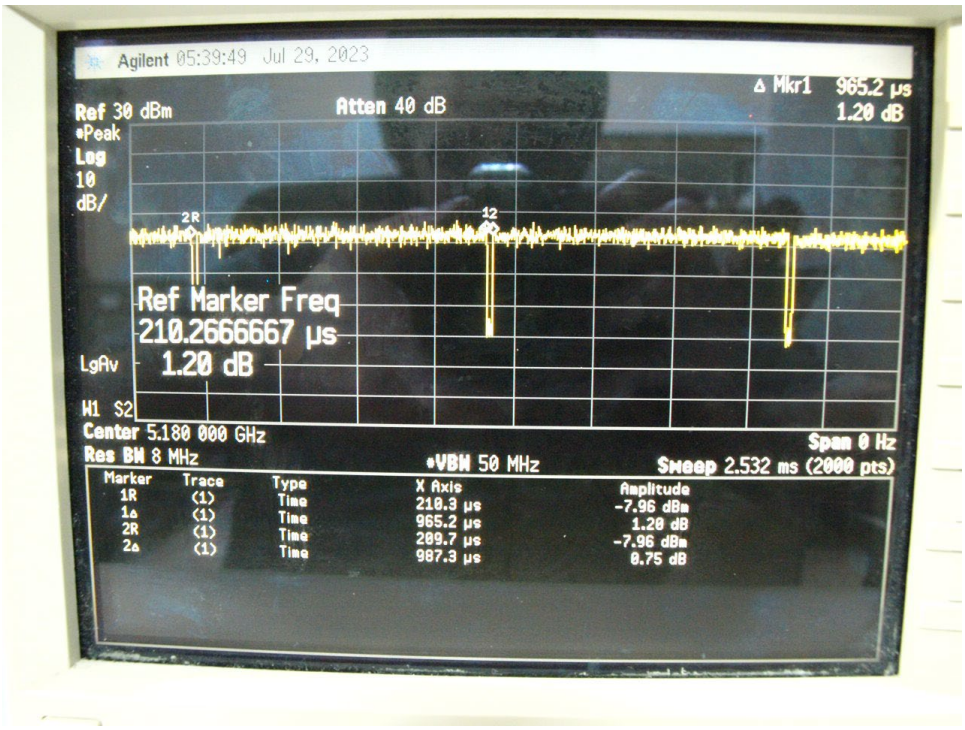
Duty Cycle = (T on / period) * 100%

Duty Cycle plots

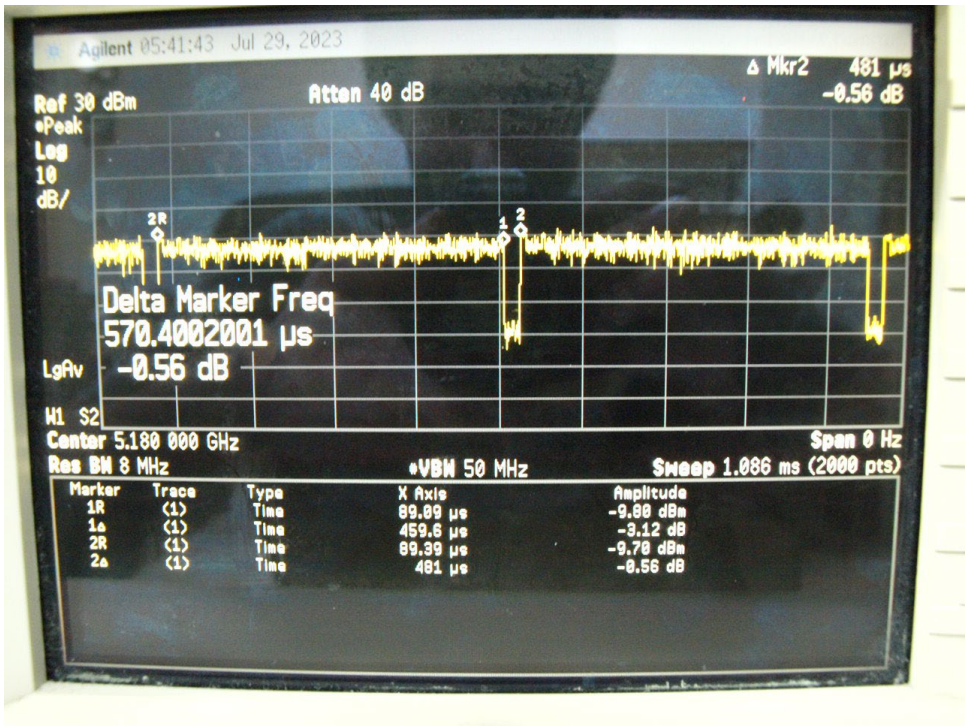
802.11a 6 Mbps



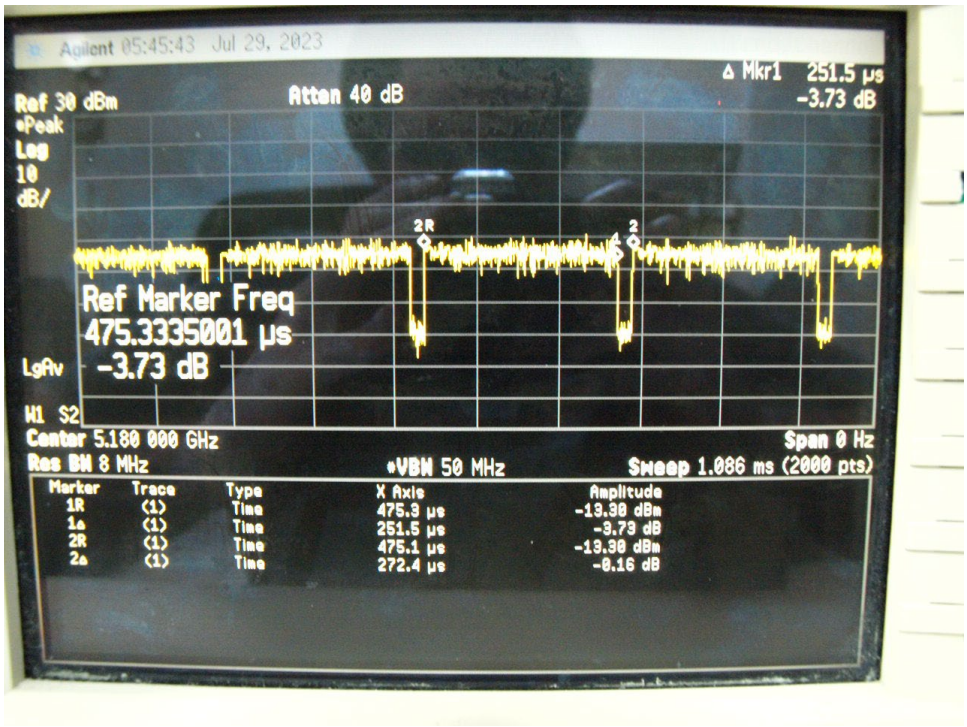
802.11n HT40 MCS0



802.11ac VHT80 MCS0



802.11ac VHT160 MCS0



9.9. Wi-Fi 6E (U-NII 5-8 Bands)

When the same transmission mode configurations have the same maximum output power on the same channel for the 802.11 a/ax modes, the channel in the lower order/sequence 802.11 transmission mode is selected.

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.

Wi-Fi 6E Test channels were determined in one of two ways:

- Wi-Fi 6E was Aggregated due to the same transmission mode being selected for SAR testing. 5 total test channels from across all U-NII 5/6/7/8 were selected.
- Wi-Fi 6E was Split due to different transmission modes being selected for SAR testing. A minimum of 3 test channels were selected for each individual U-NII Band.

Maximum Output Power for Wi-Fi 6E

The table below is the maximum output 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 6E (Power State) table, the highlighted worst case Low/Mid/High channels are selected for Mode A and Mode B.

Standard Power (Indoor/Outdoor)

Bandwidth	Band	Channel	Frequency (MHz)	Maximum Output Power (dBm)																								
				ANT5 / ANT6																								
				SISO										MIMO														
				a (SISO) Low Rate	a (SISO) Mid Rate	a (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)	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)	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-5	2	5935	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1	5955	19.5	19.5	19.5	19.5	19.5	19.5	19.5	17.5	14.5	11.5	19.5	19.5	19.5	19.5	17.5	14.5	11.5	19.5	19.5	19.5	19.5	17.5	14.5	11.5
		5	5975	19.5	19.5	19.5	19.5	19.5	19.5	19.5	17.5	14.5	11.5	19.5	19.5	19.5	19.5	17.5	14.5	11.5	19.5	19.5	19.5	19.5	17.5	14.5	11.5
		9-29	5995-6095	19.5	19.5	19.5	19.5	19.5	19.5	19.5	17.5	14.5	11.5	19.5	19.5	19.5	19.5	17.5	14.5	11.5	19.5	19.5	19.5	19.5	17.5	14.5	11.5
		33-61	6115-6255	19.5	19.5	19.5	19.5	19.5	19.5	19.5	17.5	14.5	11.5	19.5	19.5	19.5	19.5	17.5	14.5	11.5	19.5	19.5	19.5	19.5	17.5	14.5	11.5
		65-85	6275-6375	19.5	19.5	19.5	19.5	19.5	19.5	19.5	17.5	14.5	11.5	19.5	19.5	19.5	19.5	17.5	14.5	11.5	19.5	19.5	19.5	19.5	17.5	14.5	11.5
		89	6395	19.5	19.5	19.5	19.5	19.5	19.5	19.5	17.5	14.5	11.5	19.5	19.5	19.5	19.5	17.5	14.5	11.5	19.5	19.5	19.5	19.5	17.5	14.5	11.5
		93	6415	19.5	19.5	19.5	19.5	19.5	19.5	19.5	17.5	14.5	11.5	19.5	19.5	19.5	19.5	17.5	14.5	11.5	19.5	19.5	19.5	19.5	17.5	14.5	11.5
	U-NII-6	97-113	6435-6515	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	U-NII-7	117-181	6535-6855	18.5	18.5	18.5	18.5	18.5	18.5	18.5	16.5	13.5	10.5	18.5	18.5	18.5	18.5	16.5	13.5	10.5	18.5	18.5	18.5	18.5	16.5	13.5	10.5
		185	6875	7.5	7.5	7.5	7.5	7.5	7.5	7.5	4.5	1.5	-1.5	2.8	2.8	2.8	2.8	-0.3	-3.3	-6.3	5.8	5.8	5.8	5.8	2.8	-0.3	-3.3
	U-NII-8	189-225	6895-7075	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		229	7095	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		233	7115	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Bandwidth	Band	Channel	Frequency (MHz)				11ax HE40 (SISO) Low Rate	11ax HE40 (SISO) Mid Rate	11ax HE40 (SISO) High Rate	11ax HE40 RU484 (SISO)	11ax HE40 RU106 (SISO)	11ax HE40 RU52 (SISO)	11ax HE40 RU26 (SISO)	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)	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)
40 MHz	U-NII-5	3	5965				19.5	19.5	19.5	19.5	14.5	11.5	8.5	19.5	19.5	19.5	19.5	14.5	11.5	8.5	19.5	19.5	19.5	19.5	14.5	11.5	8.5
		11	6005				19.5	19.5	19.5	19.5	14.5	11.5	8.5	19.5	19.5	19.5	19.5	14.5	11.5	8.5	19.5	19.5	19.5	19.5	14.5	11.5	8.5
		19-27	6045-6085				19.5	19.5	19.5	19.5	14.5	11.5	8.5	19.5	19.5	19.5	19.5	14.5	11.5	8.5	19.5	19.5	19.5	19.5	14.5	11.5	8.5
		35-59	6125-6245				19.5	19.5	19.5	19.5	14.5	11.5	8.5	19.5	19.5	19.5	19.5	14.5	11.5	8.5	19.5	19.5	19.5	19.5	14.5	11.5	8.5
		67-75	6285-6325				19.5	19.5	19.5	19.5	14.5	11.5	8.5	19.5	19.5	19.5	19.5	14.5	11.5	8.5	19.5	19.5	19.5	19.5	14.5	11.5	8.5
		83	6365				19.5	19.5	19.5	19.5	14.5	11.5	8.5	19.5	19.5	19.5	19.5	14.5	11.5	8.5	19.5	19.5	19.5	19.5	14.5	11.5	8.5
		91	6405				19.5	19.5	19.5	19.5	14.5	11.5	8.5	19.5	19.5	19.5	19.5	14.5	11.5	8.5	19.5	19.5	19.5	19.5	14.5	11.5	8.5
	U-NII-6	99-107	6445-6485				NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		115	6525				NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	U-NII-7	123-179	6565-6845				18.5	18.5	18.5	18.5	13.5	10.5	7.5	18.5	18.5	18.5	18.5	13.5	10.5	7.5	18.5	18.5	18.5	18.5	13.5	10.5	7.5
		187	6885				NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	U-NII-8	195-219	6925-7045				NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		227	7085				NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Bandwidth	Band	Channel	Frequency (MHz)				11ax HE80 (SISO) Low Rate	11ax HE80 (SISO) Mid Rate	11ax HE80 (SISO) High Rate	11ax HE80 RU996 (SISO)	11ax HE80 RU106 (SISO)	11ax HE80 RU52 (SISO)	11ax HE80 RU26 (SISO)	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)	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)
80 MHz	U-NII-5	7	5985				19.5	19.5	19.5	19.5	11.5	8.5	5.5	19.5	19.5	19.5	19.5	11.5	8.5	5.5	19.5	19.5	19.5	19.5	11.5	8.5	5.5
		23	6065				19.5	19.5	19.5	19.5	11.5	8.5	5.5	19.5	19.5	19.5	19.5	11.5	8.5	5.5	19.5	19.5	19.5	19.5	11.5	8.5	5.5
		39-55	6145-6225				19.5	19.5	19.5	19.5	11.5	8.5	5.5	19.5	19.5	19.5	19.5	11.5	8.5	5.5	19.5	19.5	19.5	19.5	11.5	8.5	5.5
		71	6305				19.5	19.5	19.5	19.5	11.5	8.5	5.5	19.5	19.5	19.5	19.5	11.5	8.5	5.5	19.5	19.5	19.5	19.5	11.5	8.5	5.5
		87	6385				19.5	19.5	19.5	19.5	11.5	8.5	5.5	19.5	19.5	19.5	19.5	11.5	8.5	5.5	19.5	19.5	19.5	19.5	11.5	8.5	5.5
	U-NII-6	103	6465				NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		119	6545				NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	U-NII-7	135-167	6625-6785				18.5	18.5	18.5	18.5	10.5	7.5	4.5	18.5	18.5	18.5	18.5	10.5	7.5	4.5	18.5	18.5	18.5	18.5	10.5	7.5	4.5
		183	6865				NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	U-NII-8	199	6945				NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		215	7025				NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Bandwidth	Band	Channel	Frequency (MHz)				11ax HE160 (SISO) Low Rate	11ax HE160 (SISO) Mid Rate	11ax HE160 (SISO) High Rate	11ax HE160 RU996_2 (SISO)	11ax HE160 RU106 (SISO)	11ax HE160 RU52 (SISO)	11ax HE160 RU26 (SISO)	11ax HE160 (2Tx, CDD, nonTxBF) Low Rate	11ax HE160 (2Tx, CDD, nonTxBF) Mid Rate	11ax HE160 (2Tx, CDD, nonTxBF) High Rate	11ax HE160 RU996_2 (2Tx, CDD, nonTxBF)	11ax HE160 RU106 (2Tx, CDD, nonTxBF)	11ax HE160 RU52 (2Tx, CDD, nonTxBF)	11ax HE160 RU26 (2Tx, CDD, nonTxBF)	11ax HE160 (2Tx, SDM, nonTxBF) Low Rate	11ax HE160 (2Tx, SDM, nonTxBF) Mid Rate	11ax HE160 (2Tx, SDM, nonTxBF) High Rate	11ax HE160 RU996_2 (2Tx, SDM, nonTxBF)	11ax HE160 RU106 (2Tx, SDM, nonTxBF)	11ax HE160 RU52 (2Tx, SDM, nonTxBF)	11ax HE160 RU26 (2Tx, SDM, nonTxBF)
160 MHz	U-NII-5	15	6025				19.5	19.5	19.5	19.5	8.5	5.5	3.5	19.5	19.5	19.5	19.5	8.5	5.5	3.5	19.5	19.5	19.5	19.5	8.5	5.5	3.5
		47	6185				19.5	19.5	19.5	19.5	8.5	5.5	3.5	19.5	19.5	19.5	19.5	8.5	5.5	3.5	19.5	19.5	19.5	19.5	8.5	5.5	3.5
		79	6345				19.5	19.5	19.5	19.5	8.5	5.5	3.5	19.5	19.5	19.5	19.5	8.5	5.5	3.5	19.5	19.5	19.5	19.5	8.5	5.5	3.5
	U-NII-6	111	6505				NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	U-NII-7	143	6665				18.5	18.5	18.5	18.5	7.5	4.5	1.5	18.5	18.5	18.5	18.5	7.5	4.5	1.5	18.5	18.5	18.5	18.5	7.5	4.5	1.5
		175	6825				NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	U-NII-8	207	6985				NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Low Power (Indoor)

Bandwidth	Band	Channel	Frequency (MHz)	Maximum Output Power (dBm)																								
				ANT5 / ANT6																								
				SISO										MIMO														
				a (SISO) Low Rate	a (SISO) Mid Rate	a (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)	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)	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-5	2	5935	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1	5955	11.0	11.0	11.0	11.0	11.0	11.0	11.0	8.0	5.0	2.0	5.3	5.3	5.3	5.3	2.3	-0.8	-3.8	8.3	8.3	8.3	8.3	5.3	2.3	-0.8
		5	5975	11.0	11.0	11.0	11.0	11.0	11.0	11.0	8.0	5.0	2.0	5.3	5.3	5.3	5.3	2.3	-0.8	-3.8	8.3	8.3	8.3	8.3	5.3	2.3	-0.8
		9-29	5995-6095	11.0	11.0	11.0	11.0	11.0	11.0	11.0	8.0	5.0	2.0	5.3	5.3	5.3	5.3	2.3	-0.8	-3.8	8.3	8.3	8.3	8.3	5.3	2.3	-0.8
		33-61	6115-6255	10.0	10.0	10.0	10.0	10.0	10.0	10.0	7.0	4.0	1.0	4.0	4.0	4.0	4.0	1.0	-2.0	-5.0	7.0	7.0	7.0	7.0	4.0	1.0	-2.0
		65-85	6275-6375	10.3	10.3	10.3	10.3	10.3	10.3	10.3	7.3	4.3	1.3	5.0	5.0	5.0	5.0	2.0	-1.0	-4.0	8.0	8.0	8.0	8.0	5.0	2.0	-1.0
		89	6395	10.3	10.3	10.3	10.3	10.3	10.3	10.3	7.3	4.3	1.3	5.0	5.0	5.0	5.0	2.0	-1.0	-4.0	8.0	8.0	8.0	8.0	5.0	2.0	-1.0
		93	6415	10.3	10.3	10.3	10.3	10.3	10.3	10.3	7.3	4.3	1.3	5.0	5.0	5.0	5.0	2.0	-1.0	-4.0	8.0	8.0	8.0	8.0	5.0	2.0	-1.0
	U-NII-6	97-113	6435-6515	9.5	9.5	9.5	9.5	9.5	9.5	9.5	6.5	3.5	0.5	4.0	4.0	4.0	4.0	1.0	-2.0	-5.0	7.0	7.0	7.0	7.0	4.0	1.0	-2.0
	U-NII-7	117-181	6535-6855	8.0	8.0	8.0	8.0	8.0	8.0	8.0	5.0	2.0	-1.0	2.8	2.8	2.8	2.8	-0.3	-3.3	-6.3	5.8	5.8	5.8	5.8	2.8	-0.3	-3.3
		185	6875	7.5	7.5	7.5	7.5	7.5	7.5	7.5	4.5	1.5	-1.5	2.8	2.8	2.8	2.8	-0.3	-3.3	-6.3	5.8	5.8	5.8	5.8	2.8	-0.3	-3.3
	U-NII-8	189-225	6895-7075	7.5	7.5	7.5	7.5	7.5	7.5	7.5	4.5	1.5	-1.5	4.3	4.3	4.3	4.3	1.3	-1.8	-4.8	6.8	6.8	6.8	6.8	3.8	0.8	-2.3
		229	7095	7.5	7.5	7.5	7.5	7.5	7.5	7.5	4.5	1.5	-1.5	4.3	4.3	4.3	4.3	1.3	-1.8	-4.8	6.8	6.8	6.8	6.8	3.8	0.8	-2.3
		233	7115	-5.0	-6.0	-6.0	-5.0	-6.0	-6.0	Disabled	NS	NS	NS	-5.5	-6.5	-6.5	Disabled	NS	NS	NS	-5.5	-6.5	-6.5	Disabled	NS	NS	NS
Bandwidth	Band	Channel	Frequency (MHz)				11ax HE40 (SISO) Low Rate	11ax HE40 (SISO) Mid Rate	11ax HE40 (SISO) High Rate	11ax HE40 RU484 (SISO)	11ax HE40 RU106 (SISO)	11ax HE40 RU52 (SISO)	11ax HE40 RU26 (SISO)	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)	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)
40 MHz	U-NII-5	3	5965				14.0	14.0	14.0	14.0	8.0	5.0	2.0	8.3	8.3	8.3	8.3	2.3	-0.8	-3.8	11.3	11.3	11.3	11.3	5.3	2.3	-0.8
		11	6005				14.0	14.0	14.0	14.0	8.0	5.0	2.0	8.3	8.3	8.3	8.3	2.3	-0.8	-3.8	11.3	11.3	11.3	11.3	5.3	2.3	-0.8
		19-27	6045-6085				14.0	14.0	14.0	14.0	8.0	5.0	2.0	8.3	8.3	8.3	8.3	2.3	-0.8	-3.8	11.3	11.3	11.3	11.3	5.3	2.3	-0.8
		35-59	6125-6245				13.0	13.0	13.0	13.0	7.0	4.0	1.0	7.0	7.0	7.0	7.0	1.0	-2.0	-5.0	10.0	10.0	10.0	10.0	4.0	1.0	-2.0
		67-75	6285-6325				13.3	13.3	13.3	13.3	7.3	4.3	1.3	8.0	8.0	8.0	8.0	2.0	-1.0	-4.0	11.0	11.0	11.0	11.0	5.0	2.0	-1.0
		83	6365				13.3	13.3	13.3	13.3	7.3	4.3	1.3	8.0	8.0	8.0	8.0	2.0	-1.0	-4.0	11.0	11.0	11.0	11.0	5.0	2.0	-1.0
		91	6405				13.3	13.3	13.3	13.3	7.3	4.3	1.3	8.0	8.0	8.0	8.0	2.0	-1.0	-4.0	11.0	11.0	11.0	11.0	5.0	2.0	-1.0
	U-NII-6	99-107	6445-6485				12.5	12.5	12.5	12.5	6.5	3.5	0.5	7.0	7.0	7.0	7.0	1.0	-2.0	-5.0	10.0	10.0	10.0	10.0	4.0	1.0	-2.0
		115	6525				11.0	11.0	11.0	11.0	5.0	2.0	-1.0	5.8	5.8	5.8	5.8	-0.3	-3.3	-6.3	8.8	8.8	8.8	8.8	2.8	-0.3	-3.3
	U-NII-7	123-179	6565-6845				11.0	11.0	11.0	11.0	5.0	2.0	-1.0	5.8	5.8	5.8	5.8	-0.3	-3.3	-6.3	8.8	8.8	8.8	8.8	2.8	-0.3	-3.3
		187	6885				10.5	10.5	10.5	10.5	4.5	1.5	-1.5	5.8	5.8	5.8	5.8	-0.3	-3.3	-6.3	8.8	8.8	8.8	8.8	2.8	-0.3	-3.3
	U-NII-8	195-219	6925-7045				10.5	10.5	10.5	10.5	4.5	1.5	-1.5	7.3	7.3	7.3	7.3	1.3	-1.8	-4.8	9.8	9.8	9.8	9.8	3.8	0.8	-2.3
		227	7085				10.5	10.5	10.5	10.5	4.5	1.5	-1.5	7.3	7.3	7.3	7.3	1.3	-1.8	-4.8	9.8	9.8	9.8	9.8	3.8	0.8	-2.3
Bandwidth	Band	Channel	Frequency (MHz)				11ax HE80 (SISO) Low Rate	11ax HE80 (SISO) Mid Rate	11ax HE80 (SISO) High Rate	11ax HE80 RU996 (SISO)	11ax HE80 RU106 (SISO)	11ax HE80 RU52 (SISO)	11ax HE80 RU26 (SISO)	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)	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)
80 MHz	U-NII-5	7	5985				16.5	16.5	16.5	16.5	8.0	5.0	2.0	10.8	10.8	10.8	10.8	2.3	-0.8	-3.8	13.8	13.8	13.8	13.8	5.3	2.3	-0.8
		23	6065				16.5	16.5	16.5	16.5	8.0	5.0	2.0	10.8	10.8	10.8	10.8	2.3	-0.8	-3.8	13.8	13.8	13.8	13.8	5.3	2.3	-0.8
		39-55	6145-6225				15.5	15.5	15.5	15.5	7.0	4.0	1.0	9.5	9.5	9.5	9.5	1.0	-2.0	-5.0	12.5	12.5	12.5	12.5	4.0	1.0	-2.0
		71	6305				15.8	15.8	15.8	15.8	7.3	4.3	1.3	10.5	10.5	10.5	10.5	2.0	-1.0	-4.0	13.5	13.5	13.5	13.5	5.0	2.0	-1.0
		87	6385				15.8	15.8	15.8	15.8	7.3	4.3	1.3	10.5	10.5	10.5	10.5	2.0	-1.0	-4.0	13.5	13.5	13.5	13.5	5.0	2.0	-1.0
	U-NII-6	103	6465				15.0	15.0	15.0	15.0	6.5	3.5	0.5	9.5	9.5	9.5	9.5	1.0	-2.0	-5.0	12.5	12.5	12.5	12.5	4.0	1.0	-2.0
		119	6545				13.5	13.5	13.5	13.5	5.0	2.0	-1.0	8.3	8.3	8.3	8.3	-0.3	-3.3	-6.3	11.3	11.3	11.3	11.3	2.8	-0.3	-3.3
	U-NII-7	135-167	6625-6785				13.5	13.5	13.5	13.5	5.0	2.0	-1.0	8.3	8.3	8.3	8.3	-0.3	-3.3	-6.3	11.3	11.3	11.3	11.3	2.8	-0.3	-3.3
		183	6865				13.0	13.0	13.0	13.0	4.5	1.5	-1.5	8.3	8.3	8.3	8.3	-0.3	-3.3	-6.3	11.3	11.3	11.3	11.3	2.8	-0.3	-3.3
	U-NII-8	199	6945				13.0	13.0	13.0	13.0	4.5	1.5	-1.5	9.8	9.8	9.8	9.8	1.3	-1.8	-4.8	12.3	12.3	12.3	12.3	3.8	0.8	-2.3
		215	7025				13.0	13.0	13.0	13.0	4.5	1.5	-1.5	9.8	9.8	9.8	9.8	1.3	-1.8	-4.8	12.3	12.3	12.3	12.3	3.8	0.8	-2.3
Bandwidth	Band	Channel	Frequency (MHz)				11ax HE160 (SISO) Low Rate	11ax HE160 (SISO) Mid Rate	11ax HE160 (SISO) High Rate	11ax HE160 RU996_2 (SISO)	11ax HE160 RU106 (SISO)	11ax HE160 RU52 (SISO)	11ax HE160 RU26 (SISO)	11ax HE160 (2Tx, CDD, nonTxBF) Low Rate	11ax HE160 (2Tx, CDD, nonTxBF) Mid Rate	11ax HE160 (2Tx, CDD, nonTxBF) High Rate	11ax HE160 RU996_2 (2Tx, CDD, nonTxBF)	11ax HE160 RU106 (2Tx, CDD, nonTxBF)	11ax HE160 RU52 (2Tx, CDD, nonTxBF)	11ax HE160 RU26 (2Tx, CDD, nonTxBF)	11ax HE160 (2Tx, SDM, nonTxBF) Low Rate	11ax HE160 (2Tx, SDM, nonTxBF) Mid Rate	11ax HE160 (2Tx, SDM, nonTxBF) High Rate	11ax HE160 RU996_2 (2Tx, SDM, nonTxBF)	11ax HE160 RU106 (2Tx, SDM, nonTxBF)	11ax HE160 RU52 (2Tx, SDM, nonTxBF)	11ax HE160 RU26 (2Tx, SDM, nonTxBF)
160 MHz	U-NII-5	15	6025				19.5	19.5	19.5	19.5	8.0	5.0	2.0	13.8	13.8	13.8	13.8	2.3	-0.8	-3.8	16.8	16.8	16.8	16.8	5.3	2.3	-0.8
		47	6185				18.5	18.5	18.5	18.5	7.0	4.0	1.0	12.5	12.5	12.5	12.5	1.0	-2.0	-5.0	15.5	15.5	15.5	15.5	4.0	1.0	-2.0
		79	6345				18.8	18.8	18.8	18.8	7.3	4.3	1.3	13.5	13.5	13.5	13.5	2.0	-1.0	-4.0	16.5	16.5	16.5	16.5	5.0	2.0	-1.0
	U-NII-6	111	6505				16.5	16.5	16.5	16.5	5.0	2.0	-1.0	11.3	11.3	11.3	11.3	-0.3	-3.3	-6.3	14.3	14.3	14.3	14.3	2.8	-0.3	-3.3
	U-NII-7	143	6665				16.5	16.5	16.5	16.5	5.0	2.0	-1.0	11.3	11.3	11.3	11.3	-0.3	-3.3	-6.3	14.3	14.3	14.3	14.3	2.8	-0.3	-3.3
		175	6825				16.0	16.0	16.0	16.0	4.5	1.5	-1.5	11.3	11.3	11.3	11.3	-0.3	-3.3	-6.3	14.3	14.3	14.3	14.3	2.8	-0.3	-3.3
	U-NII-8	207	6985				16.0	16.0	16.0	16.0	4.5	1.5	-1.5	12.8	12.8	12.8	12.8	1.3	-1.8	-4.8	15.3	15.3	15.3	15.3	3.8	0.8	-2.3

Wi-Fi 6E(Power States)

For Wi-Fi 6E bands, there are use 6 difference power states:

- Power state 1: 802.15.4ab-NB_{OFF} | P_{mid} | $CELL_{OFF}$
- Power state 2: 802.15.4ab-NB_{ON} | P_{mid} | $CELL_{OFF}$
- Power state 3: 802.15.4ab-NB_{OFF} | P_{high} | $CELL_{OFF}$
- Power state 4: 802.15.4ab-NB_{OFF} | P_{low} | $CELL_{ON}$
- Power state 5: 802.15.4ab-NB_{ON} | P_{high} | $CELL_{OFF}$
- Power state 6: 802.15.4ab-NB_{ON} | P_{low} | $CELL_{ON}$

Antenna	Mode	Bandwidth	Channel	Frequency	Maximum Output Power (dBm)											
					Power State 1		Power State 2		Power State 3		Power State 4		Power State 5		Power State 6	
					Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B
ANT5	U-NII-5	802.11a 20 MHz	1	5955	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	10.00	10.00
			5	5975	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	10.00	10.00
			9-29	5995-6095	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	10.00	10.00
			33-61	6115-6255	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
			65-85	6275-6375	10.25	10.25	10.25	10.25	10.25	10.25	10.25	10.25	10.25	10.25	10.00	10.00
			89	6395	10.25	10.25	10.25	10.25	10.25	10.25	10.25	10.25	10.25	10.25	10.00	10.00
			93	6415	10.25	10.25	10.25	10.25	10.25	10.25	10.25	10.25	10.25	10.25	10.00	10.00
		802.11ax 40 MHz	3	5965	12.00	12.00	12.00	12.00	12.00	12.00	11.00	11.00	11.50	11.50	10.00	10.00
			11	6005	12.00	12.00	12.00	12.00	12.00	12.00	11.00	11.00	11.50	11.50	10.00	10.00
			19-27	6045-6085	12.00	12.00	12.00	12.00	12.00	12.00	11.00	11.00	11.50	11.50	10.00	10.00
			35-59	6125-6245	12.00	12.00	12.00	12.00	12.00	12.00	11.00	11.00	11.50	11.50	10.00	10.00
			67-75	6285-6325	12.00	12.00	12.00	12.00	12.00	12.00	11.00	11.00	11.50	11.50	10.00	10.00
			83	6365	12.00	12.00	12.00	12.00	12.00	12.00	11.00	11.00	11.50	11.50	10.00	10.00
			91	6405	12.00	12.00	12.00	12.00	12.00	12.00	11.00	11.00	11.50	11.50	10.00	10.00
		802.11ax 80 MHz	7	5985	12.00	12.00	12.00	12.00	12.00	12.00	11.00	11.00	11.50	11.50	10.00	10.00
			23	6065	12.00	12.00	12.00	12.00	12.00	12.00	11.00	11.00	11.50	11.50	10.00	10.00
			39-55	6145-6225	12.00	12.00	12.00	12.00	12.00	12.00	11.00	11.00	11.50	11.50	10.00	10.00
			71	6305	12.00	12.00	12.00	12.00	12.00	12.00	11.00	11.00	11.50	11.50	10.00	10.00
			87	6385	12.00	12.00	12.00	12.00	12.00	12.00	11.00	11.00	11.50	11.50	10.00	10.00
		802.11ax 160 MHz	15	6025	**12.00**	**12.00**	**12.00**	**12.00**	**12.00**	**12.00**	**11.00**	**11.00**	**11.50**	**11.50**	**10.00**	**10.00**
			47	6185	**12.00**	**12.00**	**12.00**	**12.00**	**12.00**	**12.00**	**11.00**	**11.00**	**11.50**	**11.50**	**10.00**	**10.00**
			79	6345	**12.00**	**12.00**	**12.00**	**12.00**	**12.00**	**12.00**	11.00	11.00	11.50	11.50	10.00	10.00

Mode	Bandwidth	Channel	Frequency	Maximum Output Power (dBm)											
				Power State 1		Power State 2		Power State 3		Power State 4		Power State 5		Power State 6	
				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-6	802.11a 20 MHz	97-109	6435-6495	9.50	9.50	9.50	9.50	9.50	9.50	9.50	9.50	9.50	9.50	9.00	9.00
		113	6515	9.50	9.50	9.50	9.50	9.50	9.50	9.50	9.50	9.50	9.50	9.00	9.00
	802.11ax 40 MHz	99-107	6445-6485	11.00	11.00	11.00	11.00	11.00	11.00	10.00	10.00	10.50	10.50	9.00	9.00
		115	6525	11.00	11.00	11.00	11.00	11.00	11.00	10.00	10.00	10.50	10.50	9.00	9.00
	802.11ax 80 MHz	103	6465	11.00	11.00	11.00	11.00	11.00	11.00	10.00	10.00	10.50	10.50	9.00	9.00
		119	6545	11.00	11.00	11.00	11.00	11.00	11.00	10.00	10.00	10.50	10.50	9.00	9.00
	802.11ax 160 MHz	111	6505	**11.00**	**11.00**	**11.00**	**11.00**	**11.00**	**11.00**	**10.00**	**10.00**	**10.50**	**10.50**	**9.00**	**9.00**

Mode	Bandwidth	Channel	Frequency	Maximum Output Power (dBm)											
				Power State 1		Power State 2		Power State 3		Power State 4		Power State 5		Power State 6	
				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-7	802.11a 20 MHz	117-125	6535-6575	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00
		125-157	6575-6735	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00
		161-181	6735-6855	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00
		185	6875	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50
	802.11ax 40 MHz	123	6565	11.00	11.00	11.00	11.00	11.00	11.00	10.00	10.00	10.50	10.50	9.00	9.00
		131-155	6605-6725	11.00	11.00	11.00	11.00	11.00	11.00	10.25	10.25	10.75	10.75	9.25	9.25
		163-179	6765-6845	11.00	11.00	11.00	11.00	11.00	11.00	10.25	10.25	10.75	10.75	9.25	9.25
		187	6885	10.50	10.50	10.50	10.50	10.50	10.50	10.25	10.25	10.75	10.75	9.25	9.25
	802.11ax 80 MHz	135-151	6625-6705	11.25	11.25	11.25	11.25	11.25	11.25	10.25	10.25	10.75	10.75	9.25	9.25
		167	6785	11.25	11.25	11.25	11.25	11.25	11.25	10.25	10.25	10.75	10.75	9.25	9.25
		183	6865	11.25	11.25	11.25	11.25	11.25	11.25	10.25	10.25	10.75	10.75	9.25	9.25
	802.11ax 160 MHz	143	6665	**11.25**	**11.25**	**11.25**	**11.25**	**11.25**	**11.25**	**10.25**	**10.25**	**10.75**	**10.75**	**9.25**	**9.25**
		175	6825	**11.25**	**11.25**	**11.25**	**11.25**	**11.25**	**11.25**	**10.25**	**10.25**	**10.75**	**10.75**	**9.25**	**9.25**

Mode	Bandwidth	Channel	Frequency	Maximum Output Power (dBm)											
				Power State 1		Power State 2		Power State 3		Power State 4		Power State 5		Power State 6	
				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-8	802.11a 20 MHz	189-225	6895-7075	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50
		229	7095	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50
		233	7115	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00
	802.11ax 40 MHz	195-219	6925-7045	9.75	9.75	9.75	9.75	9.75	9.75	8.75	8.75	9.25	9.25	7.75	7.75
		227	7085	9.75	9.75	9.75	9.75	9.75	9.75	8.75	8.75	9.25	9.25	7.75	7.75
	802.11ax 80 MHz	199	6945	9.75	9.75	9.75	9.75	9.75	9.75	8.75	8.75	9.25	9.25	7.75	7.75
		215	7025	9.75	9.75	9.75	9.75	9.75	9.75	8.75	8.75	9.25	9.25	7.75	7.75
	802.11ax 160 MHz	207	6985	**9.75**	**9.75**	**9.75**	**9.75**	**9.75**	**9.75**	**8.75**	**8.75**	**9.25**	**9.25**	**7.75**	**7.75**

Note(s):

Power State 2 and 3 maximum output power same as Power State 1

Antenna	Mode	Bandwidth	Channel	Frequency	Maximum Output Power (dBm)											
					Power State 1		Power State 2		Power State 3		Power State 4		Power State 5		Power State 6	
					Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B
ANT6	U-NII-5	802.11a 20 MHz	1	5955	10.00	10.00	10.00	10.00	10.00	10.00	9.00	9.00	9.50	9.50	8.00	8.00
			5	5975	10.00	10.00	10.00	10.00	10.00	10.00	9.00	9.00	9.50	9.50	8.00	8.00
			9-29	5995-6095	10.00	10.00	10.00	10.00	10.00	10.00	9.00	9.00	9.50	9.50	8.00	8.00
			33-61	6115-6255	10.00	10.00	10.00	10.00	10.00	10.00	9.00	9.00	9.50	9.50	8.00	8.00
			65-85	6275-6375	8.50	8.50	8.50	8.50	8.50	8.50	7.50	7.50	8.00	8.00	6.50	6.50
			89	6395	8.50	8.50	8.50	8.50	8.50	8.50	7.50	7.50	8.00	8.00	6.50	6.50
			93	6415	8.50	8.50	8.50	8.50	8.50	8.50	7.50	7.50	8.00	8.00	6.50	6.50
		802.11ax 40 MHz	3	5965	10.00	10.00	10.00	10.00	10.00	10.00	9.00	9.00	9.50	9.50	8.00	8.00
			11	6005	10.00	10.00	10.00	10.00	10.00	10.00	9.00	9.00	9.50	9.50	8.00	8.00
			19-27	6045-6085	10.00	10.00	10.00	10.00	10.00	10.00	9.00	9.00	9.50	9.50	8.00	8.00
			35-59	6125-6245	10.00	10.00	10.00	10.00	10.00	10.00	9.00	9.00	9.50	9.50	8.00	8.00
			67-75	6285-6325	8.50	8.50	8.50	8.50	8.50	8.50	7.50	7.50	8.00	8.00	6.50	6.50
			83	6365	8.50	8.50	8.50	8.50	8.50	8.50	7.50	7.50	8.00	8.00	6.50	6.50
			91	6405	8.50	8.50	8.50	8.50	8.50	8.50	7.50	7.50	8.00	8.00	6.50	6.50
		802.11ax 80 MHz	7	5985	10.00	10.00	10.00	10.00	10.00	10.00	9.00	9.00	9.50	9.50	8.00	8.00
			23	6065	10.00	10.00	10.00	10.00	10.00	10.00	9.00	9.00	9.50	9.50	8.00	8.00
			39-55	6145-6225	10.00	10.00	10.00	10.00	10.00	10.00	9.00	9.00	9.50	9.50	8.00	8.00
			71	6305	8.50	8.50	8.50	8.50	8.50	8.50	7.50	7.50	8.00	8.00	6.50	6.50
			87	6385	8.50	8.50	8.50	8.50	8.50	8.50	7.50	7.50	8.00	8.00	6.50	6.50
		802.11ax 160 MHz	15	6025	**10.00**	**10.00**	**10.00**	**10.00**	**10.00**	**10.00**	**9.00**	**9.00**	**9.50**	**9.50**	**8.00**	**8.00**
			47	6185	**10.00**	**10.00**	**10.00**	**10.00**	**10.00**	**10.00**	**9.00**	**9.00**	**9.50**	**9.50**	**8.00**	**8.00**
			79	6345	8.50	8.50	8.50	8.50	8.50	8.50	7.50	7.50	8.00	8.00	6.50	6.50
	Mode	Bandwidth	Channel	Frequency	Maximum Output Power (dBm)											
					Power State 1		Power State 2		Power State 3		Power State 4		Power State 5		Power State 6	
					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-6	802.11a 20 MHz	97-109	6435-6495	8.75	8.75	8.75	8.75	8.75	8.75	7.75	7.75	8.25	8.25	6.75	6.75
			113	6515	8.00	8.00	8.00	8.00	8.00	8.00	7.00	7.00	7.50	7.50	6.00	6.00
		802.11ax 40 MHz	99-107	6445-6485	8.75	8.75	8.75	8.75	8.75	8.75	7.75	7.75	8.25	8.25	6.75	6.75
			115	6525	8.00	8.00	8.00	8.00	8.00	8.00	7.00	7.00	7.50	7.50	6.00	6.00
		802.11ax 80 MHz	103	6465	**8.75**	**8.75**	**8.75**	**8.75**	**8.75**	**8.75**	**7.75**	**7.75**	**8.25**	**8.25**	**6.75**	**6.75**
			119	6545	**8.00**	**8.00**	**8.00**	**8.00**	**8.00**	**8.00**	**7.00**	**7.00**	**7.50**	**7.50**	**6.00**	**6.00**
		802.11ax 160 MHz	111	6505	8.00	8.00	8.00	8.00	8.00	8.00	7.00	7.00	7.50	7.50	6.00	6.00
	Mode	Bandwidth	Channel	Frequency	Maximum Output Power (dBm)											
					Power State 1		Power State 2		Power State 3		Power State 4		Power State 5		Power State 6	
					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-7	802.11a 20 MHz	117-125	6535-6575	8.00	8.00	8.00	8.00	8.00	8.00	7.00	7.00	7.50	7.50	6.00	6.00
			129-181	6595-6855	8.00	8.00	8.00	8.00	8.00	8.00	7.00	7.00	7.50	7.50	6.00	6.00
			185	6875	7.50	7.50	7.50	7.50	7.50	7.50	7.00	7.00	7.50	7.50	6.00	6.00
		802.11ax 40 MHz	123	6565	8.00	8.00	8.00	8.00	8.00	8.00	7.00	7.00	7.50	7.50	6.00	6.00
			131-179	6605-6845	8.00	8.00	8.00	8.00	8.00	8.00	7.00	7.00	7.50	7.50	6.00	6.00
			187	6885	8.00	8.00	8.00	8.00	8.00	8.00	7.00	7.00	7.50	7.50	6.00	6.00
		802.11ax 80 MHz	135-151	6625-6705	8.00	8.00	8.00	8.00	8.00	8.00	7.00	7.00	7.50	7.50	6.00	6.00
			167	6785	8.00	8.00	8.00	8.00	8.00	8.00	7.00	7.00	7.50	7.50	6.00	6.00
			183	6865	8.00	8.00	8.00	8.00	8.00	8.00	7.00	7.00	7.50	7.50	6.00	6.00
		802.11ax 160 MHz	143	6665	**8.00**	**8.00**	**8.00**	**8.00**	**8.00**	**8.00**	**7.00**	**7.00**	**7.50**	**7.50**	**6.00**	**6.00**
			175	6825	**8.00**	**8.00**	**8.00**	**8.00**	**8.00**	**8.00**	**7.00**	**7.00**	**7.50**	**7.50**	**6.00**	**6.00**
	Mode	Bandwidth	Channel	Frequency	Maximum Output Power (dBm)											
					Power State 1		Power State 2		Power State 3		Power State 4		Power State 5		Power State 6	
					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-8	802.11a 20 MHz	189	6895	**7.50**	**7.50**	**7.50**	**7.50**	**7.50**	**7.50**	**7.00**	**7.00**	**7.50**	**7.50**	**6.00**	**6.00**
			193-225	6915-7075	**7.00**	**7.00**	**7.00**	**7.00**	**7.00**	**7.00**	**6.00**	**6.00**	**6.50**	**6.50**	**5.00**	**5.00**
			229	7095	**7.00**	**7.00**	**7.00**	**7.00**	**7.00**	**7.00**	**6.00**	**6.00**	**6.50**	**6.50**	**5.00**	**5.00**
			233	7115	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00
		802.11ax 40 MHz	195-219	6925-7045	7.00	7.00	7.00	7.00	7.00	7.00	6.00	6.00	6.50	6.50	5.00	5.00
			227	7085	7.00	7.00	7.00	7.00	7.00	7.00	6.00	6.00	6.50	6.50	5.00	5.00
		802.11ax 80 MHz	199	6945	7.00	7.00	7.00	7.00	7.00	7.00	6.00	6.00	6.50	6.50	5.00	5.00
			215	7025	7.00	7.00	7.00	7.00	7.00	7.00	6.00	6.00	6.50	6.50	5.00	5.00

Note(s):

Power State 2 and 3 maximum output power same as Power State 1

Wi-Fi 6E Measured Results

Power Mode	Antenna	Power Mode A							Power Mode B						
		Band	Mode	Ch #	Freq. (MHz)	Meas Pwr (dBm)	Max Output Pwr (dBm)	SAR Test (Yes/Yes)	Band	Mode	Ch #	Freq. (MHz)	Meas Pwr (dBm)	Max Output Pwr (dBm)	SAR Test (Yes/Yes)
Power State 1 & Power State 2 & Power State 3	ANT5	U-NII-5	802.11ax 160 MHz	15	6025	11.20	12.00	Yes	U-NII-5	802.11ax 160 MHz	15	6025	11.20	12.00	Yes
				47	6185	11.57	12.00	Yes			47	6185	11.57	12.00	Yes
				79	6345	11.38	12.00	Yes			79	6345	11.38	12.00	Yes
		U-NII-6	802.11ax 160 MHz	111	6505	10.70	11.00	Yes	U-NII-6	802.11ax 160 MHz	111	6505	10.70	11.00	Yes
		U-NII-7	802.11ax 160 MHz	143	6665	10.65	11.25	Yes	U-NII-7	802.11ax 160 MHz	143	6665	10.65	11.25	Yes
				175	6825	10.82	11.25	Yes			175	6825	10.82	11.25	Yes
		U-NII-8	802.11ax 160 MHz	207	6985	9.40	9.75	Yes	U-NII-8	802.11ax 160 MHz	207	6985	9.40	9.75	Yes
	ANT6	U-NII-5	802.11ax 160 MHz	15	6025	9.68	10.00	Yes	U-NII-5	802.11ax 160 MHz	15	6025	9.68	10.00	Yes
				47	6185	9.65	10.00	Yes			47	6185	9.65	10.00	Yes
				79	6345	8.27	8.50	Yes			79	6345	8.27	8.50	Yes
		U-NII-6	802.11ax 80 MHz	103	6465	8.35	8.75	Yes	U-NII-6	802.11ax 80 MHz	103	6465	8.35	8.75	Yes
				119	6545	6.71	8.00	Yes			119	6545	6.71	8.00	Yes
		U-NII-7	802.11ax 160 MHz	143	6665	7.50	8.00	Yes	U-NII-7	802.11ax 160 MHz	143	6665	7.50	8.00	Yes
				175	6825	7.93	8.00	Yes			175	6825	7.93	8.00	Yes
		U-NII-8	802.11ax 20 MHz	189	6895	7.16	7.50	Yes	U-NII-8	802.11ax 20 MHz	189	6895	7.16	7.50	Yes
				209	6995	6.25	7.00	Yes			209	6995	6.25	7.00	Yes
				229	7095	6.14	7.00	Yes			229	7095	6.14	7.00	Yes

Power Mode	Antenna	Power Mode A							Power Mode B						
		Band	Mode	Ch #	Freq. (MHz)	Meas Pwr (dBm)	Max Output Pwr (dBm)	SAR Test (Yes/Yes)	Band	Mode	Ch #	Freq. (MHz)	Meas Pwr (dBm)	Max Output Pwr (dBm)	SAR Test (Yes/Yes)
Power State 4	ANT5	U-NII-5	802.11ax 160 MHz	15	6025	10.66	11.00	Yes	U-NII-5	802.11ax 160 MHz	15	6025	10.66	11.00	Yes
				47	6185	10.57	11.00	Yes			47	6185	10.57	11.00	Yes
				79	6345	9.95	11.00	Yes			79	6345	9.95	11.00	Yes
		U-NII-6	802.11ax 160 MHz	111	6505	9.36	10.00	Yes	U-NII-6	802.11ax 160 MHz	111	6505	9.36	10.00	Yes
		U-NII-7	802.11ax 160 MHz	143	6665	9.86	10.25	Yes	U-NII-7	802.11ax 160 MHz	143	6665	9.86	10.25	Yes
				175	6825	9.59	10.25	Yes			175	6825	9.59	10.25	Yes
		U-NII-8	802.11ax 160 MHz	207	6985	8.67	8.75	Yes	U-NII-8	802.11ax 160 MHz	207	6985	8.67	8.75	Yes
	ANT6	U-NII-5	802.11ax 160 MHz	15	6025	8.72	9.00	Yes	U-NII-5	802.11ax 160 MHz	15	6025	8.72	9.00	Yes
				47	6185	8.87	9.00	Yes			47	6185	8.87	9.00	Yes
				79	6345	6.87	7.50	Yes			79	6345	6.87	7.50	Yes
		U-NII-6	802.11ax 80 MHz	103	6465	7.43	7.75	Yes	U-NII-6	802.11ax 80 MHz	103	6465	7.43	7.75	Yes
				119	6545	5.86	7.00	Yes			119	6545	5.86	7.00	Yes
		U-NII-7	802.11ax 160 MHz	143	6665	6.75	7.00	Yes	U-NII-7	802.11ax 160 MHz	143	6665	6.75	7.00	Yes
				175	6825	6.81	7.00	Yes			175	6825	6.81	7.00	Yes
		U-NII-8	802.11ax 20 MHz	189	6895	6.82	7.00	Yes	U-NII-8	802.11ax 20 MHz	189	6895	6.82	7.00	Yes
				209	6995	5.63	6.00	Yes			209	6995	5.63	6.00	Yes
				229	7095	5.56	6.00	Yes			229	7095	5.56	6.00	Yes

Power Mode	Antenna	Power Mode A							Power Mode B						
		Band	Mode	Ch #	Freq. (MHz)	Meas Pwr (dBm)	Max Output Pwr (dBm)	SAR Test (Yes/Yes)	Band	Mode	Ch #	Freq. (MHz)	Meas Pwr (dBm)	Max Output Pwr (dBm)	SAR Test (Yes/Yes)
Power State 5	ANT5	U-NII-5	802.11ax 160 MHz	15	6025	10.18	11.50	Yes	U-NII-5	802.11ax 160 MHz	15	6025	10.18	11.50	Yes
				47	6185	10.49	11.50	Yes			47	6185	10.49	11.50	Yes
				79	6345	10.26	11.50	Yes			79	6345	10.26	11.50	Yes
		U-NII-6	802.11ax 160 MHz	111	6505	9.42	10.50	Yes	U-NII-6	802.11ax 160 MHz	111	6505	9.42	10.50	Yes
		U-NII-7	802.11ax 160 MHz	143	6665	9.74	10.75	Yes	U-NII-7	802.11ax 160 MHz	143	6665	9.74	10.75	Yes
				175	6825	9.67	10.75	Yes			175	6825	9.67	10.75	Yes
		U-NII-8	802.11ax 160 MHz	207	6985	8.11	9.25	Yes	U-NII-8	802.11ax 160 MHz	207	6985	8.11	9.25	Yes
	ANT6	U-NII-5	802.11ax 160 MHz	15	6025	8.28	9.50	Yes	U-NII-5	802.11ax 160 MHz	15	6025	8.28	9.50	Yes
				47	6185	8.35	9.50	Yes			47	6185	8.35	9.50	Yes
				79	6345	6.81	8.00	Yes			79	6345	6.81	8.00	Yes
		U-NII-6	802.11ax 80 MHz	103	6465	7.04	8.25	Yes	U-NII-6	802.11ax 80 MHz	103	6465	7.04	8.25	Yes
				119	6545	6.18	7.50	Yes			119	6545	6.18	7.50	Yes
		U-NII-7	802.11ax 160 MHz	143	6665	7.50	7.50	Yes	U-NII-7	802.11ax 160 MHz	143	6665	7.50	7.50	Yes
				175	6825	6.45	7.50	Yes			175	6825	6.45	7.50	Yes
		U-NII-8	802.11ax 20 MHz	189	6895	6.25	7.50	Yes	U-NII-8	802.11ax 20 MHz	189	6895	6.25	7.50	Yes
				209	6995	5.25	6.50	Yes			209	6995	5.25	6.50	Yes
				229	7095	5.49	6.50	Yes			229	7095	5.49	6.50	Yes

Power Mode	Antenna	Power Mode A							Power Mode B						
		Band	Mode	Ch #	Freq. (MHz)	Meas Pwr (dBm)	Max Output Pwr (dBm)	SAR Test (Yes/Yes)	Band	Mode	Ch #	Freq. (MHz)	Meas Pwr (dBm)	Max Output Pwr (dBm)	SAR Test (Yes/Yes)
Power State 6	ANT5	U-NII-5	802.11ax 160 MHz	15	6025	9.19	10.00	Yes	U-NII-5	802.11ax 160 MHz	15	6025	9.19	10.00	Yes
				47	6185	9.01	10.00	Yes			47	6185	9.01	10.00	Yes
				79	6345	8.52	10.00	Yes			79	6345	8.52	10.00	Yes
		U-NII-6	802.11ax 160 MHz	111	6505	7.95	9.00	Yes	U-NII-6	802.11ax 160 MHz	111	6505	7.95	9.00	Yes
		U-NII-7	802.11ax 160 MHz	143	6665	8.62	9.25	Yes	U-NII-7	802.11ax 160 MHz	143	6665	8.62	9.25	Yes
				175	6825	8.38	9.25	Yes			175	6825	8.38	9.25	Yes
		U-NII-8	802.11ax 160 MHz	207	6985	7.65	7.75	Yes	U-NII-8	802.11ax 160 MHz	207	6985	7.65	7.75	Yes
	ANT6	U-NII-5	802.11ax 160 MHz	15	6025	7.64	8.00	Yes	U-NII-5	802.11ax 160 MHz	15	6025	7.64	8.00	Yes
				47	6185	7.82	8.00	Yes			47	6185	7.82	8.00	Yes
				79	6345	5.99	6.50	Yes			79	6345	5.99	6.50	Yes
		U-NII-6	802.11ax 80 MHz	103	6465	6.53	6.75	Yes	U-NII-6	802.11ax 80 MHz	103	6465	6.53	6.75	Yes
				119	6545	4.95	6.00	Yes			119	6545	4.95	6.00	Yes
		U-NII-7	802.11ax 160 MHz	143	6665	5.82	6.00	Yes	U-NII-7	802.11ax 160 MHz	143	6665	5.82	6.00	Yes
				175	6825	5.35	6.00	Yes			175	6825	5.35	6.00	Yes
		U-NII-8	802.11ax 20 MHz	189	6895	5.75	6.00	Yes	U-NII-8	802.11ax 20 MHz	189	6895	5.75	6.00	Yes
				209	6995	4.47	5.00	Yes			209	6995	4.47	5.00	Yes
				229	7095	4.46	5.00	Yes			229	7095	4.46	5.00	Yes

Duty Factor Measured Results

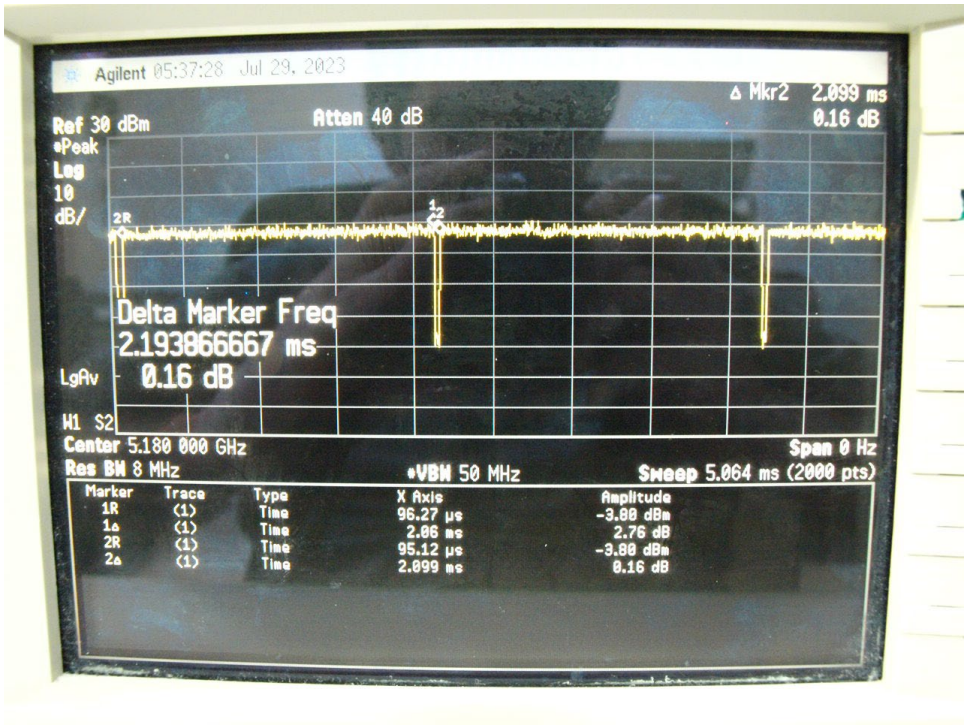
Mode	Type	T on (ms)	Period (ms)	Duty Cycle	Crest Factor (1/duty cycle)
802.11a	6 Mbps	2.060	2.099	98.14%	1.02
802.11n HT40	MCS0	1.092	1.107	98.64%	1.01
802.11ac VHT80	MCS0	1.4	1.424	98.31%	1.02
802.11ac VHT160	MCS0	0.2319	0.2526	91.81%	1.09

Note(s):

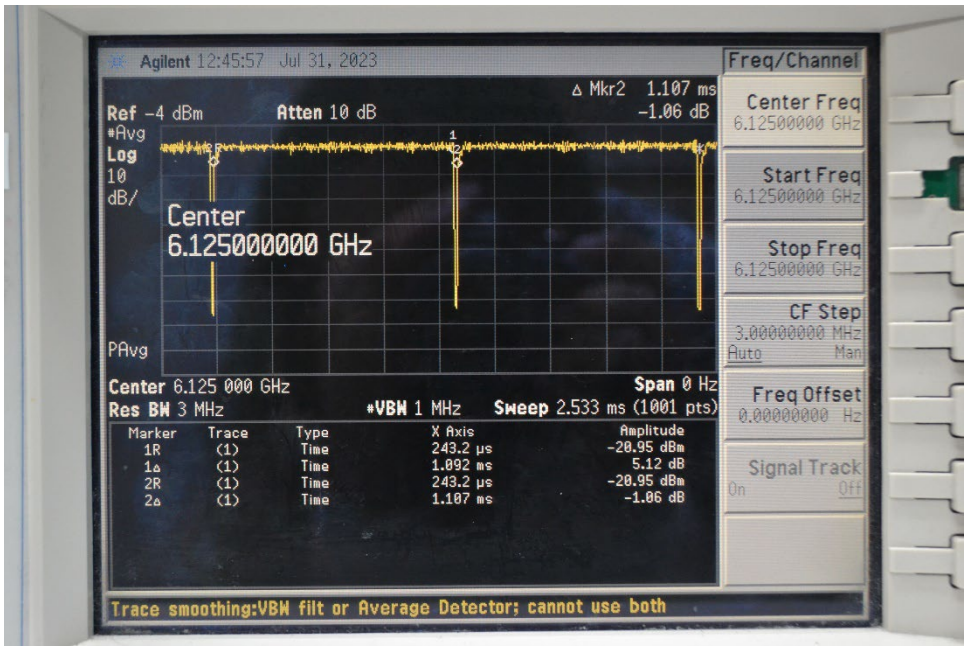
Duty Cycle = (T on / period) * 100%

Duty Cycle plots

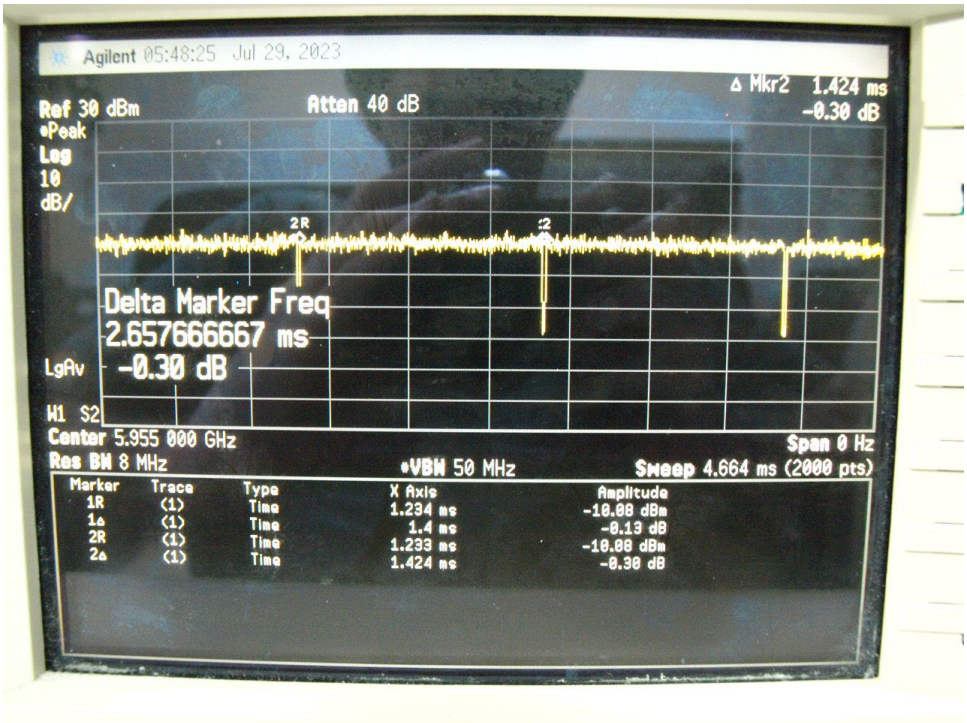
802.11a 6 Mbps



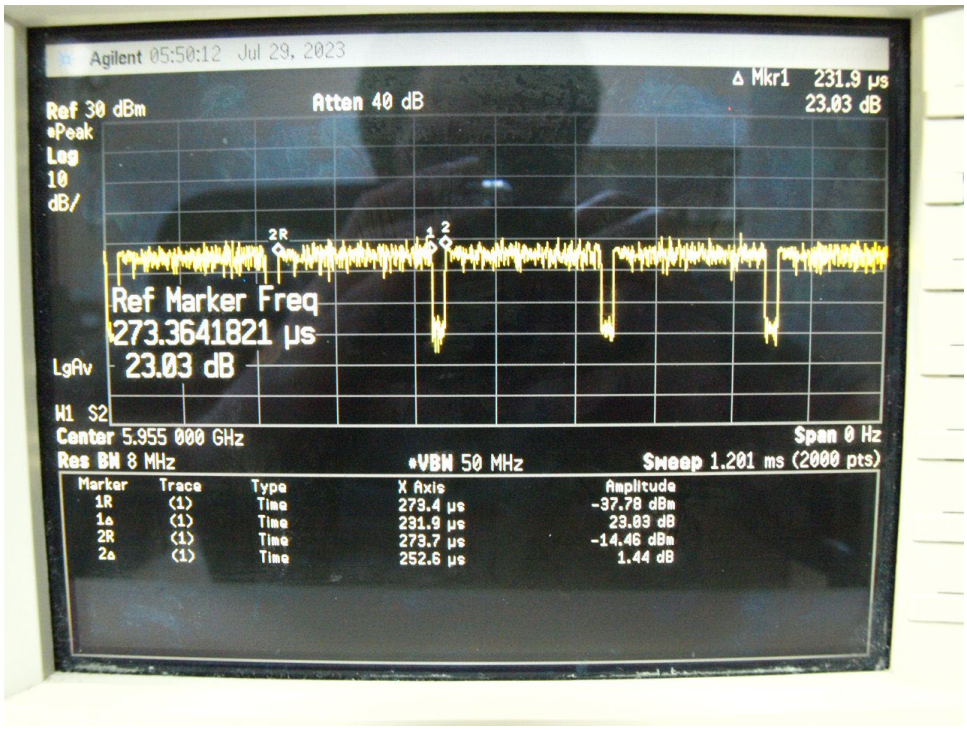
802.11ax HE40 MCS0



802.11ax HE80 MCS0



802.11ax HE160 MCS0



9.10. Bluetooth

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.

Maximum Output Power for Bluetooth (P_{low}, P_{mid}, P_{high}, and $P_{standalone}$)

For Bluetooth, there are three use cases:

- Bluetooth P_{low} is used when both Wi-Fi and WWAN antennas are active.
- Bluetooth P_{Mid} is used when Wi-Fi antenna is active and WWAN antenna is inactive. P_{Mid} power state occurs during Wi-Fi states 1/2.
- 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. P_{High} power state occurs during Wi-Fi states 3/5.
- Bluetooth $P_{standalone}$ is used when Wi-Fi and WWAN antennas are inactive.

Mode	Maximum Output Power (dBm)															
	Bluetooth P_{low}				Bluetooth P_{mid}				Bluetooth P_{high}				Bluetooth $P_{standalone}$			
	ANT3		ANT4		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	Mode A	Mode B	Mode A	Mode B
GFSK	13.50	11.50	12.00	11.00	13.50	12.50	12.00	11.00	19.50	17.50	18.00	17.00	20.00	20.00	20.00	20.00
EDR	13.50	11.50	12.00	11.00	13.50	12.50	12.00	11.00	16.50	16.50	16.50	16.50	16.50	16.50	16.50	16.50
LE1M	13.50	11.50	12.00	11.00	13.50	12.50	12.00	11.00	19.50	17.50	18.00	17.00	21.00	21.00	20.50	20.50
LE2M	13.50	11.50	12.00	11.00	13.50	12.50	12.00	11.00	19.50	17.50	18.00	17.00	21.00	21.00	20.50	20.50
HDR4	13.50	11.50	12.00	11.00	13.50	12.50	12.00	11.00	14.00	14.00	12.50	12.50	14.00	14.00	12.50	12.50
HDR8	13.50	11.50	12.00	11.00	13.50	12.50	12.00	11.00	14.00	14.00	13.50	13.50	14.00	14.00	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 Maximum Output Power.

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 (dBm)			Mode	Power Mode B (dBm)		
					Meas Pwr	Max Output Pwr	SAR Test (Yes/No)		Meas Pwr	Max Output Pwr	SAR Test (Yes/No)
Bluetooth $P_{standalone}$	ANT3	LE 1 Mbps	0	2402	19.10	21.00	Yes	LE 1 Mbps	19.10	21.00	Yes
			39	2441	19.40	21.00			19.40	21.00	
			78	2480	19.40	21.00			19.40	21.00	
	ANT4	LE 1 Mbps	0	2402	19.30	20.50	Yes	LE 1 Mbps	19.30	20.50	Yes
			39	2441	19.20	20.50			19.20	20.50	
			78	2480	18.90	20.50			18.90	20.50	
Bluetooth P_{high}	ANT3	GFSK	0	2402	18.30	19.50	Yes	GFSK	16.30	17.50	Yes
			39	2441	18.50	19.50			16.70	17.50	
			78	2480	18.60	19.50			16.70	17.50	
	ANT4	GFSK	0	2402	17.50	18.00	Yes	GFSK	16.30	17.00	Yes
			39	2441	17.50	18.00			16.30	17.00	
			78	2480	16.90	18.00			15.90	17.00	
Bluetooth P_{mid}	ANT3	GFSK	0	2402	12.20	13.50	Yes	GFSK	10.60	12.50	Yes
			39	2441	12.40	13.50			10.80	12.50	
			78	2480	12.30	13.50			10.40	12.50	
	ANT4	GFSK	0	2402	10.30	12.00	Yes	GFSK	10.30	11.00	Yes
			39	2441	10.70	12.00			10.70	11.00	
			78	2480	10.20	12.00			10.20	11.00	
Bluetooth P_{low}	ANT3	GFSK	0	2402	12.20	13.50	Yes	GFSK	10.60	11.50	Yes
			39	2441	12.40	13.50			10.80	11.50	
			78	2480	12.30	13.50			10.40	11.50	
	ANT4	GFSK	0	2402	10.30	12.00	Yes	GFSK	10.30	11.00	Yes
			39	2441	10.70	12.00			10.70	11.00	
			78	2480	10.20	12.00			10.20	11.00	

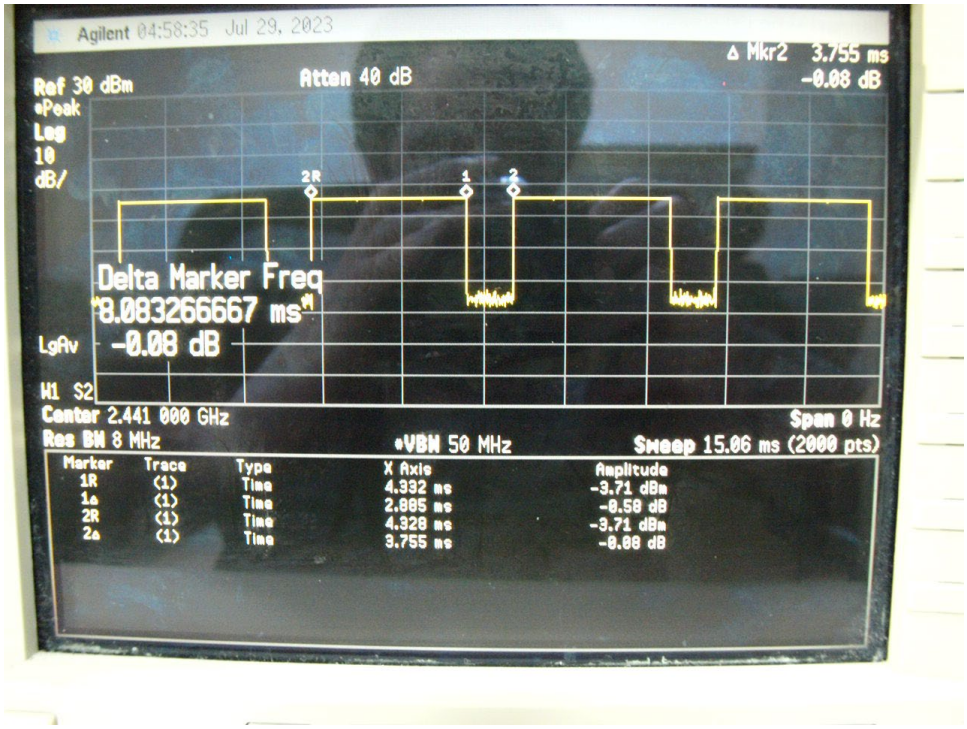
Duty Factor Measured Results

Mode	Type	T on (ms)	Period (ms)	Duty Cycle	Crest Factor (1/duty cycle)
GFSK	DH5	2.885	3.755	76.83%	1.30

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

Duty Cycle plots

GFSK



9.11. NB UNII

NB UNII is in 5 GHz bands. This radio operates in the UNII-1 and UNII-3 frequency bands. Modulations include GFSK and π/4 DQPSK. Bandwidths supported are 1 MHz, 2 MHz, and 4 MHz.

Maximum Output Power for NB UNII (P_{low}, P_{mid}, P_{high}, and $P_{standalone}$)

For NB UNII, there are four use cases:

- NB UNII P_{low} is used when both Wi-Fi and WWAN antennas are active.
- NB UNII P_{Mid} is used when Wi-Fi antenna is active and WWAN antenna is inactive. P_{Mid} power state occurs during Wi-Fi states 1/2.
- NB UNII 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. P_{High} power state occurs during Wi-Fi states 3/5.
- NB UNII $P_{standalone}$ is used when Wi-Fi and WWAN antennas are inactive.

Band	Mode	Maximum Output Power (dBm)															
		NB UNII P_{low}				NB UNII P_{mid}				NB UNII P_{high}				NB UNII $P_{standalone}$			
		ANT5		ANT6		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	Mode A	Mode B	Mode A	Mode B
U-NII 1	GFSK	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
	HDR4	12.00	10.50	12.00	10.00	12.00	10.50	12.00	10.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
	HDR8	14.00	10.50	12.00	10.00	14.00	10.50	12.00	10.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00
U-NII 3	GFSK	13.50	10.50	14.50	10.50	13.50	10.50	14.50	10.50	19.00	16.50	20.00	16.50	19.50	19.50	20.00	20.00
	HDR4	13.50	10.50	14.50	10.50	13.50	10.50	14.50	10.50	14.50	14.50	14.50	14.50	14.50	14.50	14.50	14.50
	HDR8	13.50	10.50	14.50	10.50	13.50	10.50	14.50	10.50	14.50	14.50	14.50	14.50	14.50	14.50	14.50	14.50

NB UNII Measured Results

SAR measurement is not required for the π/4DQPSK. When the secondary mode is ≤ ¼ dB higher than the primary mode.

Band	Power Mode	Antenna	Mode	Ch #	Freq. (MHz)	Power Mode A (dBm)			Mode	Power Mode B (dBm)		
						Meas Pwr	Max Output Pwr	SAR Test (Yes/No)		Meas Pwr	Max Output Pwr	SAR Test (Yes/No)
U-NII 1	NB UNII $P_{standalone}$	ANT5	HDR8	Low	5162	13.01	14.00	Yes	HDR8	13.01	14.00	Yes
				Mid	5230	12.77	14.00			12.77	14.00	
				High	5245	12.94	14.00			12.94	14.00	
		ANT6	HDR8	Low	5162	13.77	14.00	Yes	HDR8	13.77	14.00	Yes
				Mid	5230	13.85	14.00			13.85	14.00	
				High	5245	13.64	14.00			13.64	14.00	
	NB UNII P_{high}	ANT5	HDR8	Low	5162	13.01	14.00	Yes	HDR8	13.01	14.00	Yes
				Mid	5230	12.77	14.00			12.77	14.00	
				High	5245	12.94	14.00			12.94	14.00	
		ANT6	HDR8	Low	5162	13.77	14.00	Yes	HDR8	13.77	14.00	Yes
				Mid	5230	13.85	14.00			13.85	14.00	
				High	5245	13.64	14.00			13.64	14.00	
	NB UNII P_{mid}	ANT5	HDR8	Low	5162	13.01	14.00	Yes	HDR4	9.91	10.50	Yes
				Mid	5230	12.77	14.00			9.59	10.50	
				High	5245	12.94	14.00			9.72	10.50	
		ANT6	HDR4	Low	5162	11.08	12.00	Yes	GFSK	9.96	10.00	Yes
				Mid	5230	11.18	12.00			9.79	10.00	
				High	5245	11.12	12.00			9.87	10.00	
	NB UNII P_{low}	ANT5	HDR8	Low	5162	13.01	14.00	Yes	HDR4	9.91	10.50	Yes
				Mid	5230	12.77	14.00			9.59	10.50	
				High	5245	12.94	14.00			9.72	10.50	
		ANT6	HDR4	Low	5162	11.08	12.00	Yes	GFSK	9.96	10.00	Yes
				Mid	5230	11.18	12.00			9.79	10.00	
				High	5245	11.12	12.00			9.87	10.00	

Band	Power Mode	Antenna	Mode	Ch #	Freq. (MHz)	Power Mode A (dBm)			Mode	Power Mode B (dBm)		
						Meas Pwr	Max Output Pwr	SAR Test (Yes/No)		Meas Pwr	Max Output Pwr	SAR Test (Yes/No)
U-NII 3	NB UNII $P_{standalone}$	ANT5	GFSK	Low	5733	18.66	19.50	Yes	GFSK	18.66	19.50	Yes
				Mid	5788	18.71	19.50			18.71	19.50	
				High	5844	19.05	19.50			19.05	19.50	
		ANT6	GFSK	Low	5733	18.67	20.00	Yes	GFSK	18.67	20.00	Yes
				Mid	5788	18.77	20.00			18.77	20.00	
				High	5844	18.57	20.00			18.57	20.00	
	NB UNII P_{high}	ANT5	GFSK	Low	5733	18.66	19.00	Yes	GFSK	15.30	16.50	Yes
				Mid	5788	18.71	19.00			15.55	16.50	
				High	5844	19.05	19.00			15.47	16.50	
		ANT6	GFSK	Low	5733	18.67	20.00	Yes	GFSK	15.18	16.50	Yes
				Mid	5788	18.77	20.00			15.84	16.50	
				High	5844	18.57	20.00			15.17	16.50	
	NB UNII P_{mid}	ANT5	GFSK	Low	5733	12.67	13.50	Yes	GFSK	9.82	10.50	Yes
				Mid	5788	12.61	13.50			10.03	10.50	
				High	5844	12.89	13.50			10.11	10.50	
		ANT6	GFSK	Low	5733	13.51	14.50	Yes	GFSK	10.12	10.50	Yes
				Mid	5788	13.75	14.50			9.85	10.50	
				High	5844	13.65	14.50			9.88	10.50	
	NB UNII P_{low}	ANT5	GFSK	Low	5733	12.67	13.50	Yes	GFSK	9.82	10.50	Yes
				Mid	5788	12.61	13.50			10.03	10.50	
				High	5844	12.89	13.50			10.11	10.50	
		ANT6	GFSK	Low	5733	13.51	14.50	Yes	GFSK	10.12	10.50	Yes
				Mid	5788	13.75	14.50			9.85	10.50	
				High	5844	13.65	14.50			9.88	10.50	

Duty Factor Measured Results

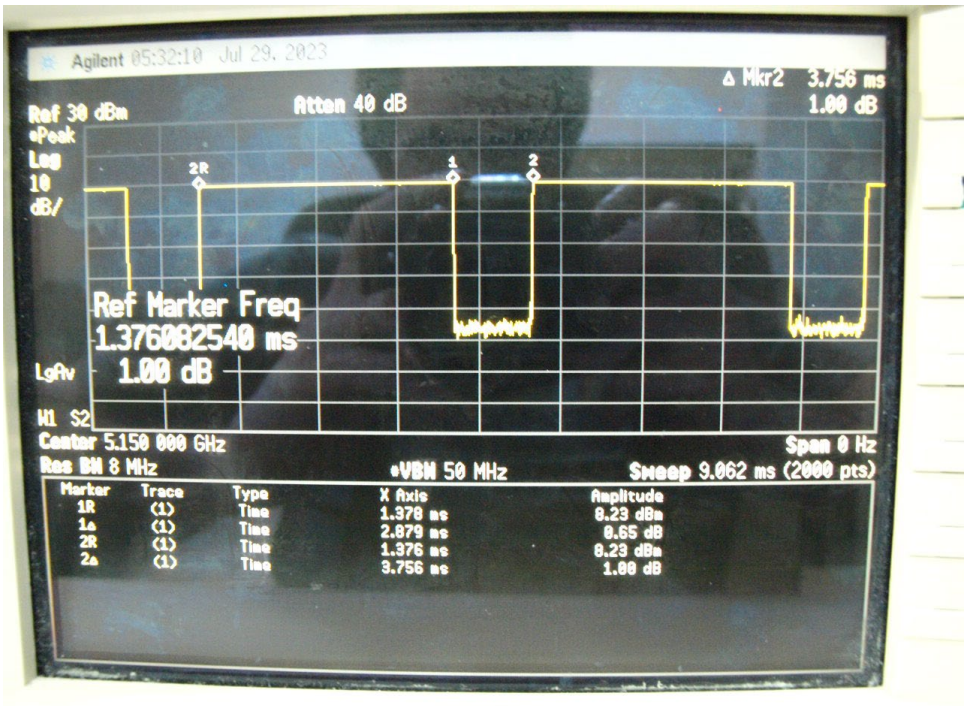
Mode	Type	T on (ms)	Period (ms)	Duty Cycle	Crest Factor (1/duty cycle)
GFSK	DH5	2.879	3.756	76.65%	1.30

Note(s):

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

Duty Cycle plots

GFSK



9.12. 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.

Maximum Output Power for MSS

Band	Mode	Ch #	Freq. (MHz)	ANT 1 Power Mode B (dBm)		ANT 4 Power Mode B (dBm)	
				Meas Pwr	Max Output Pwr	Meas Pwr	Max Output Pwr
MSS L-Band	1-PRB SC-FDMA	262316	1610.1	22.0	22.3	20.5	21.5
		262391	1617.6	22.0	22.3	20.5	21.5
		262466	1625.1	22.0	22.3	20.5	21.5

9.13. 802.15.4

802.15.4 in 2.4 GHz band. Modulation O-QPSK is used. 15 channels are available, each with a bandwidth of 2 MHz and a channel separation of 5 MHz, spanning from 2405 MHz to 2475 MHz. The maximum source based duty cycle is 60%. The firmware calculates the duty cycle of the last transmission, then adjusts IFS to ensure no transmission exceeds 60% duty cycle.

Maximum Output Power for 802.15.4 (P_{low}, P_{mid}, P_{high}, and $P_{standalone}$)

For 802.15.4, there are three use cases:

- 802.15.4 P_{low} is used when both Wi-Fi and WWAN antennas are active.
- 802.15.4 P_{Mid} is used when Wi-Fi antenna is active and WWAN antenna is inactive. P_{Mid} power state occurs during Wi-Fi states 1/2.
- 802.15.4 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. P_{High} power state occurs during Wi-Fi states 3/5.
- 802.15.4 $P_{standalone}$ is used when Wi-Fi and WWAN antennas are inactive.

802.15.4 Measured Results

Power Mode	Antenna	Mode	Ch #	Freq. (MHz)	Power Mode A (dBm)			Power Mode B (dBm)		
					Meas Pwr	Max Output Pwr	SAR Test (Yes/No)	Meas Pwr	Max Output Pwr	SAR Test (Yes/No)
802.15.4 $P_{standalone}$	ANT3	O-QPSK	Low	2405	19.54	21.00	Yes	19.54	21.00	Yes
			Mid	2440	19.91	21.00		19.91	21.00	
			High	2475	19.65	21.00		19.65	21.00	
	ANT4	O-QPSK	Low	2405	20.44	21.00	Yes	20.44	21.00	Yes
			Mid	2440	20.27	21.00		20.27	21.00	
			High	2475	20.41	21.00		20.41	21.00	
802.15.4 P_{high}	ANT3	O-QPSK	Low	2405	19.54	20.50	Yes	17.95	18.50	Yes
			Mid	2440	19.91	20.50		17.93	18.50	
			High	2475	19.65	20.50		17.95	18.50	
	ANT4	O-QPSK	Low	2405	18.07	19.00	Yes	16.05	18.00	Yes
			Mid	2440	18.10	19.00		16.07	18.00	
			High	2475	18.48	19.00		15.81	18.00	
802.15.4 P_{mid}	ANT3	O-QPSK	Low	2405	14.03	14.50	Yes	12.21	12.50	Yes
			Mid	2440	13.94	14.50		12.39	12.50	
			High	2475	14.15	14.50		11.75	12.50	
	ANT4	O-QPSK	Low	2405	12.89	13.00	Yes	11.87	12.00	Yes
			Mid	2440	12.82	13.00		11.75	12.00	
			High	2475	12.97	13.00		11.98	12.00	
802.15.4 P_{low}	ANT3	O-QPSK	Low	2405	14.03	14.50	Yes	12.21	12.50	Yes
			Mid	2440	13.94	14.50		12.39	12.50	
			High	2475	14.15	14.50		11.75	12.50	
	ANT4	O-QPSK	Low	2405	12.89	13.00	Yes	11.87	12.00	Yes
			Mid	2440	12.82	13.00		11.75	12.00	
			High	2475	12.97	13.00		11.98	12.00	

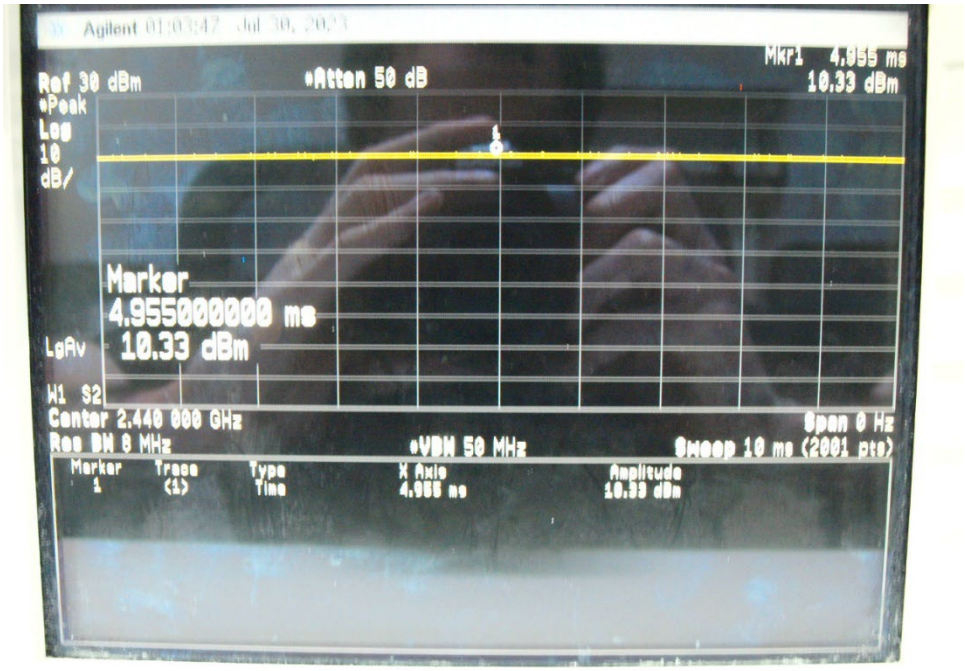
Duty Factor Measured Results

Modulation	T on (ms)	Period (ms)	Duty Cycle	Crest Factor (1/duty cycle)
O-QPSK	4.955	4.955	100.00%	1.00

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

Duty Cycle plots

O-QPSK



9.14. 802.15.4ab NB

802.15.4ab - NB in UNII-3 band. Modulation O-QPSK is used. 48 channels are available, each with a bandwidth of 2.5 MHz and a channel separation of 2.5 MHz, spanning from 5728.75 MHz to 5846.25 MHz. The maximum source-based duty cycle is 10%, which occurs during a mixed mode connection (250kbps initialization packet +500 kbps data packet), with 7 parallel connections.

802.15.4ab NB Measured Results

Antenna	Band	Mode	Ch #	Freq. (MHz)	Power Mode A (dBm)		Power Mode B (dBm)	
					Meas Pwr	Max Output Pwr	Meas Pwr	Max Output Pwr
ANT5	802.15.4ab NB	O-QPSK	Low	5728.75	20.20	20.50	18.00	18.75
			Mid	5786.25	20.20	20.50	18.00	18.75
			High	5846.25	20.20	20.50	18.00	18.75
Antenna	Band	Mode	Ch #	Freq. (MHz)	Power Mode A (dBm)		Power Mode B (dBm)	
					Meas Pwr	Max Output Pwr	Meas Pwr	Max Output Pwr
ANT6	802.15.4ab NB	O-QPSK	Low	5728.75	19.70	20.50	17.80	18.75
			Mid	5786.25	19.60	20.50	17.70	18.75
			High	5846.25	19.60	20.50	17.60	18.75

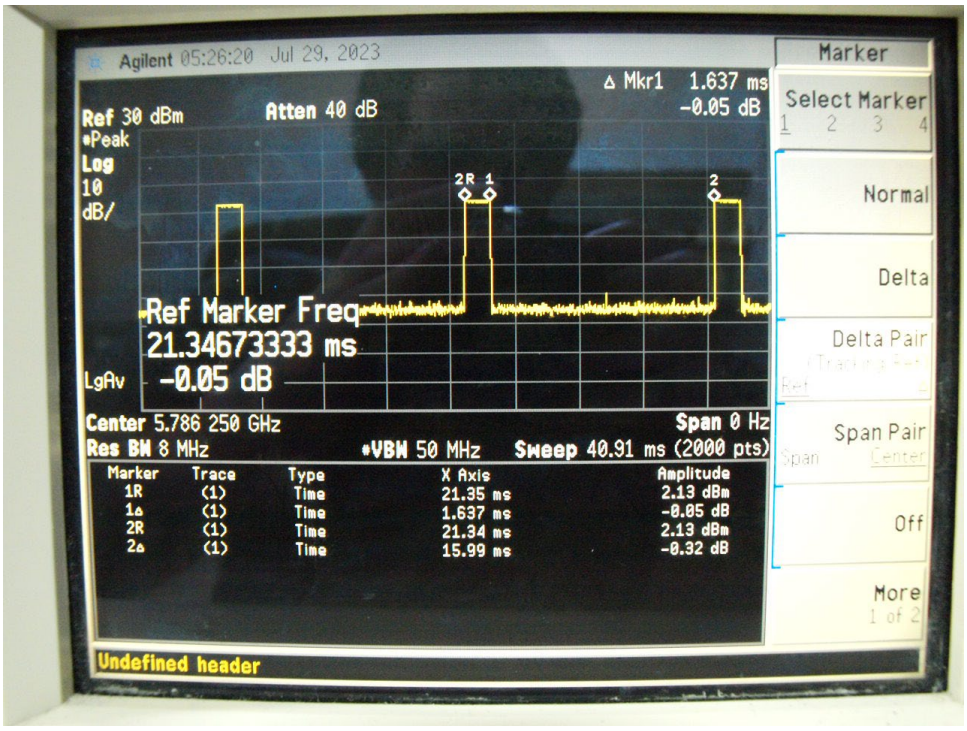
Duty Factor Measured Results

Modulation	Type	T on (ms)	Period (ms)	Duty Cycle	Crest Factor (1/duty cycle)
O-QPSK	Mixed mode	1.637	15.99	10.24%	9.77

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

Duty Cycle plots

O-QPSK



10. Measured and Reported (Scaled) SAR Results

SAR Test Reduction criteria are as follows:

- Reported SAR(W/kg) for WWAN and Bluetooth = Measured SAR *Maximum Output Power Scaling Factor
- Reported SAR(W/kg) for Wi-Fi = Measured SAR * Maximum Output Power 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 648474 D04 Handset SAR (Phablet Only):

For smart phones, with a display diagonal dimension > 15.0 cm or an overall diagonal dimension > 16.0 cm.
When hotspot mode does not apply, 10-g Extremity SAR is required for all surfaces and edges with an antenna located at ≤ 25 mm from that surface or edge in direct contact with a flat phantom, to address interactive hand use exposure conditions. When hotspot mode applies, 10-g extremity SAR is required only for the surfaces and edges with hotspot mode 1-g reported SAR > 1.2 W/kg; however, when power reduction applies to hotspot mode the measured SAR must be scaled to the maximum output power, including tolerance, allowed for phablet modes to compare with the 1.2 W/kg SAR test reduction threshold.

10-g Extremity SAR testing is not required since all 1-g reported SAR < 1.2 W/kg for hotspot mode.

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*.

Wi-Fi 6E Test Rationale:

- iPD testing was performed on 5 selected channels spread across all of the 6E spectrum. Channels were determined based on the highest maximum output power and transmission mode combination.
    - No channels that could transmit below 6GHz were selected for testing so as to use the ESR Test Methodology only.
- The test position for iPD was determined using the worst case V/m on each required test position needed for consideration.

10.1. GSM850

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	GPRS 2 Slots	Mode A	0	Left Cheek	190	836.6	32.5	32.0	0.088	0.099	0.068	0.076	
ANT 1	Head	GPRS 2 Slots	Mode A	0	Left Tilt	190	836.6	32.5	32.0	0.046	0.052	0.037	0.042	
ANT 1	Head	GPRS 2 Slots	Mode A	0	Right Cheek	190	836.6	32.5	32.0	0.076	0.085	0.060	0.067	
ANT 1	Head	GPRS 2 Slots	Mode A	0	Right Tilt	190	836.6	32.5	32.0	0.049	0.055	0.038	0.043	
ANT 1	Body & Hotspot	GPRS 2 Slots	Mode B	5	Back	190	836.6	32.5	32.0	0.576	**0.646**	0.373	0.419	1
ANT 1	Body & Hotspot	GPRS 2 Slots	Mode B	5	Front	190	836.6	32.5	32.0	0.313	0.351	0.216	0.242	
ANT 1	Hotspot	GPRS 2 Slots	Mode B	5	Edge Right	190	836.6	32.5	32.0	0.171	0.192	0.110	0.123	
ANT 1	Hotspot	GPRS 2 Slots	Mode B	5	Edge Bottom	190	836.6	32.5	32.0	0.096	0.108	0.046	0.052	
ANT 1	Hotspot	GPRS 2 Slots	Mode B	5	Edge Left	190	836.6	32.5	32.0	0.130	0.146	0.086	0.096	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 2	Head	GPRS 2 Slots	Mode A	0	Left Cheek	190	836.6	29.5	29.4	0.307	0.314	0.226	0.231	
ANT 2	Head	GPRS 2 Slots	Mode A	0	Left Tilt	190	836.6	29.5	29.4	0.204	0.209	0.128	0.131	
ANT 2	Head	GPRS 2 Slots	Mode A	0	Right Cheek	190	836.6	29.5	29.4	0.515	**0.527**	0.341	0.349	2
ANT 2	Head	GPRS 2 Slots	Mode A	0	Right Tilt	190	836.6	29.5	29.4	0.387	0.396	0.211	0.216	
ANT 2	Body & Hotspot	GPRS 2 Slots	Mode B	5	Back	190	836.6	31.5	31.3	0.502	0.526	0.301	0.315	
ANT 2	Body & Hotspot	GPRS 2 Slots	Mode B	5	Front	190	836.6	31.5	31.3	0.267	0.280	0.184	0.193	
ANT 2	Hotspot	GPRS 2 Slots	Mode B	5	Edge Top	190	836.6	31.5	31.3	0.214	0.224	0.105	0.110	
ANT 2	Hotspot	GPRS 2 Slots	Mode B	5	Edge Right	190	836.6	31.5	31.3	0.141	0.148	0.093	0.097	
ANT 2	Hotspot	GPRS 2 Slots	Mode B	5	Edge Left	190	836.6	31.5	31.3	0.273	**0.286**	0.177	0.185	3

10.2. GSM1900

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	GPRS 2 Slots	Mode A	0	Left Cheek	661	1880	30.5	29.5	0.044	0.055	0.029	0.037	
ANT 1	Head	GPRS 2 Slots	Mode A	0	Left Tilt	661	1880	30.5	29.5	0.041	0.052	0.025	0.031	
ANT 1	Head	GPRS 2 Slots	Mode A	0	Right Cheek	661	1880	30.5	29.5	0.079	0.099	0.049	0.062	
ANT 1	Head	GPRS 2 Slots	Mode A	0	Right Tilt	661	1880	30.5	29.5	0.031	0.039	0.019	0.024	
ANT 1	Body & Hotspot	GPRS 2 Slots	Mode B	5	Back	512	1850.2	28.0	27.0	0.715	**0.900**	0.320	0.403	4
ANT 1	Body & Hotspot	GPRS 2 Slots	Mode B	5	Back	661	1880	28.0	27.0	0.640	0.806	0.280	0.352	
ANT 1	Body & Hotspot	GPRS 2 Slots	Mode B	5	Back	810	1909.8	28.0	27.0	0.611	0.769	0.266	0.335	
ANT 1	Body & Hotspot	GPRS 2 Slots	Mode B	5	Front	661	1880	28.0	27.0	0.239	0.301	0.133	0.167	
ANT 1	Hotspot	GPRS 2 Slots	Mode B	5	Edge Right	661	1880	28.0	27.0	0.378	0.476	0.173	0.218	
ANT 1	Hotspot	GPRS 2 Slots	Mode B	5	Edge Bottom	661	1880	28.0	27.0	0.351	0.442	0.177	0.223	
ANT 1	Hotspot	GPRS 2 Slots	Mode B	5	Edge Left	661	1880	28.0	27.0	0.014	0.018	0.007	0.009	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 2	Head	GPRS 2 Slots	Mode A	0	Left Cheek	661	1880	25.5	24.5	0.111	0.140	0.067	0.084	
ANT 2	Head	GPRS 2 Slots	Mode A	0	Left Tilt	661	1880	25.5	24.5	0.102	0.128	0.055	0.069	
ANT 2	Head	GPRS 2 Slots	Mode A	0	Right Cheek	661	1880	25.5	24.5	0.459	**0.578**	0.230	0.290	5
ANT 2	Head	GPRS 2 Slots	Mode A	0	Right Tilt	661	1880	25.5	24.5	0.372	0.468	0.169	0.213	
ANT 2	Body & Hotspot	GPRS 2 Slots	Mode B	5	Back	661	1880	25.2	24.2	0.490	0.617	0.225	0.283	
ANT 2	Body & Hotspot	GPRS 2 Slots	Mode B	5	Front	661	1880	25.2	24.2	0.194	0.244	0.097	0.122	
ANT 2	Hotspot	GPRS 2 Slots	Mode B	5	Edge Top	661	1880	25.2	24.2	0.223	0.281	0.090	0.113	
ANT 2	Hotspot	GPRS 2 Slots	Mode B	5	Edge Right	661	1880	25.2	24.2	0.006	0.008	0.003	0.004	
ANT 2	Hotspot	GPRS 2 Slots	Mode B	5	Edge Left	661	1880	25.2	24.2	0.318	0.400	0.157	0.198	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 3	Head	GPRS 2 Slots	Mode A	0	Left Cheek	661	1880	27.2	26.7	0.101	0.113	0.062	0.070	
ANT 3	Head	GPRS 2 Slots	Mode A	0	Left Tilt	661	1880	27.2	26.7	0.024	0.027	0.015	0.017	
ANT 3	Head	GPRS 2 Slots	Mode A	0	Right Cheek	661	1880	27.2	26.7	0.024	0.027	0.015	0.017	
ANT 3	Head	GPRS 2 Slots	Mode A	0	Right Tilt	661	1880	27.2	26.7	0.024	0.027	0.014	0.016	
ANT 3	Body & Hotspot	GPRS 2 Slots	Mode B	5	Back	661	1880	26.5	25.5	0.464	0.584	0.250	0.315	
ANT 3	Body & Hotspot	GPRS 2 Slots	Mode B	5	Front	661	1880	26.5	25.5	0.100	0.126	0.058	0.073	
ANT 3	Hotspot	GPRS 2 Slots	Mode B	5	Edge Bottom	661	1880	26.5	25.5	0.044	0.055	0.023	0.029	
ANT 3	Hotspot	GPRS 2 Slots	Mode B	5	Edge Left	661	1880	26.5	25.5	0.343	0.432	0.178	0.224	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 4	Head	GPRS 2 Slots	Mode A	0	Left Cheek	661	1880	25.2	24.2	0.433	0.545	0.248	0.312	
ANT 4	Head	GPRS 2 Slots	Mode A	0	Left Tilt	661	1880	25.2	24.2	0.277	0.349	0.155	0.195	
ANT 4	Head	GPRS 2 Slots	Mode A	0	Right Cheek	661	1880	25.2	24.2	0.159	0.200	0.101	0.127	
ANT 4	Head	GPRS 2 Slots	Mode A	0	Right Tilt	661	1880	25.2	24.2	0.128	0.161	0.077	0.097	
ANT 4	Body & Hotspot	GPRS 2 Slots	Mode B	5	Back	512	1850.2	26.2	25.2	0.655	0.825	0.349	0.439	
ANT 4	Body & Hotspot	GPRS 2 Slots	Mode B	5	Back	661	1880	26.2	25.2	0.676	0.851	0.355	0.447	
ANT 4	Body & Hotspot	GPRS 2 Slots	Mode B	5	Back	810	1909.8	26.2	25.2	0.632	0.796	0.334	0.420	
ANT 4	Body & Hotspot	GPRS 2 Slots	Mode B	5	Front	661	1880	26.2	25.2	0.275	0.346	0.158	0.199	
ANT 4	Hotspot	GPRS 2 Slots	Mode B	5	Edge Top	661	1880	26.2	25.2	0.191	0.240	0.102	0.128	
ANT 4	Hotspot	GPRS 2 Slots	Mode B	5	Edge Right	661	1880	26.2	25.2	0.526	**0.662**	0.264	0.332	6

10.3. W-CDMA Band II

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	Rel. 99	Mode A	0	Left Cheek	9400	1880	24.5	24.4	0.056	0.057	0.037	0.038	
ANT 1	Head	Rel. 99	Mode A	0	Left Tilt	9400	1880	24.5	24.4	0.055	0.056	0.034	0.035	
ANT 1	Head	Rel. 99	Mode A	0	Right Cheek	9400	1880	24.5	24.4	0.147	0.150	0.090	0.092	
ANT 1	Head	Rel. 99	Mode A	0	Right Tilt	9400	1880	24.5	24.4	0.050	0.051	0.031	0.032	
ANT 1	Body & Hotspot	Rel. 99	Mode B	5	Back	9400	1880	22.0	21.9	0.659	0.674	0.290	0.297	
ANT 1	Body & Hotspot	Rel. 99	Mode B	5	Front	9400	1880	22.0	21.9	0.299	0.306	0.166	0.170	
ANT 1	Hotspot	Rel. 99	Mode B	5	Edge Right	9400	1880	22.0	21.9	0.518	0.530	0.240	0.246	
ANT 1	Hotspot	Rel. 99	Mode B	5	Edge Bottom	9400	1880	22.0	21.9	0.427	0.437	0.215	0.220	
ANT 1	Hotspot	Rel. 99	Mode B	5	Edge Left	9400	1880	22.0	21.9	0.015	0.015	0.008	0.008	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 2	Head	Rel. 99	Mode A	0	Left Cheek	9400	1880	19.5	18.5	0.140	0.176	0.079	0.099	
ANT 2	Head	Rel. 99	Mode A	0	Left Tilt	9400	1880	19.5	18.5	0.118	0.149	0.064	0.081	
ANT 2	Head	Rel. 99	Mode A	0	Right Cheek	9262	1852.4	19.5	18.5	0.528	0.665	0.266	0.335	
ANT 2	Head	Rel. 99	Mode A	0	Right Cheek	9400	1880	19.5	18.5	0.649	0.817	0.321	0.404	
ANT 2	Head	Rel. 99	Mode A	0	Right Cheek	9538	1907.6	19.5	18.5	0.719	**0.905**	0.357	0.449	7
ANT 2	Head	Rel. 99	Mode A	0	Right Tilt	9400	1880	19.5	18.5	0.552	0.695	0.255	0.321	
ANT 2	Body & Hotspot	Rel. 99	Mode B	5	Back	9262	1852.4	19.2	18.4	0.680	0.818	0.311	0.374	
ANT 2	Body & Hotspot	Rel. 99	Mode B	5	Back	9400	1880	19.2	18.3	0.752	0.925	0.344	0.423	
ANT 2	Body & Hotspot	Rel. 99	Mode B	5	Back	9538	1907.6	19.2	18.4	0.788	**0.947**	0.361	0.434	8
ANT 2	Body & Hotspot	Rel. 99	Mode B	5	Front	9400	1880	19.2	18.3	0.267	0.328	0.133	0.164	
ANT 2	Hotspot	Rel. 99	Mode B	5	Edge Top	9400	1880	19.2	18.3	0.297	0.365	0.121	0.149	
ANT 2	Hotspot	Rel. 99	Mode B	5	Edge Right	9400	1880	19.2	18.3	0.007	0.009	0.003	0.004	
ANT 2	Hotspot	Rel. 99	Mode B	5	Edge Left	9400	1880	19.2	18.3	0.489	0.602	0.238	0.293	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 3	Head	Rel. 99	Mode A	0	Left Cheek	9400	1880	21.2	21.0	0.119	0.125	0.074	0.077	
ANT 3	Head	Rel. 99	Mode A	0	Left Tilt	9400	1880	21.2	21.0	0.066	0.069	0.043	0.045	
ANT 3	Head	Rel. 99	Mode A	0	Right Cheek	9400	1880	21.2	21.0	0.057	0.060	0.036	0.038	
ANT 3	Head	Rel. 99	Mode A	0	Right Tilt	9400	1880	21.2	21.0	0.057	0.060	0.034	0.036	
ANT 3	Body & Hotspot	Rel. 99	Mode B	5	Back	9262	1852.4	20.5	19.5	0.612	0.770	0.324	0.408	
ANT 3	Body & Hotspot	Rel. 99	Mode B	5	Back	9400	1880	20.5	19.5	0.623	0.784	0.337	0.424	
ANT 3	Body & Hotspot	Rel. 99	Mode B	5	Back	9538	1907.6	20.5	19.5	0.674	0.849	0.364	0.458	
ANT 3	Body & Hotspot	Rel. 99	Mode B	5	Front	9400	1880	20.5	19.5	0.291	0.366	0.164	0.206	
ANT 3	Hotspot	Rel. 99	Mode B	5	Edge Bottom	9400	1880	20.5	19.5	0.096	0.121	0.051	0.064	
ANT 3	Hotspot	Rel. 99	Mode B	5	Edge Left	9400	1880	20.5	19.5	0.432	0.544	0.226	0.285	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 4	Head	Rel. 99	Mode A	0	Left Cheek	9262	1852.4	19.2	18.3	0.700	0.861	0.402	0.495	
ANT 4	Head	Rel. 99	Mode A	0	Left Cheek	9400	1880	19.2	18.2	0.718	0.904	0.410	0.516	
ANT 4	Head	Rel. 99	Mode A	0	Left Cheek	9538	1907.6	19.2	18.3	0.686	0.844	0.390	0.480	
ANT 4	Head	Rel. 99	Mode A	0	Left Tilt	9400	1880	19.2	18.2	0.437	0.550	0.242	0.305	
ANT 4	Head	Rel. 99	Mode A	0	Right Cheek	9400	1880	19.2	18.2	0.229	0.288	0.146	0.184	
ANT 4	Head	Rel. 99	Mode A	0	Right Tilt	9400	1880	19.2	18.2	0.165	0.208	0.100	0.126	
ANT 4	Body & Hotspot	Rel. 99	Mode B	5	Back	9262	1852.4	20.2	19.8	0.778	0.853	0.412	0.452	
ANT 4	Body & Hotspot	Rel. 99	Mode B	5	Back	9400	1880	20.2	19.8	0.823	0.902	0.433	0.475	
ANT 4	Body & Hotspot	Rel. 99	Mode B	5	Back	9538	1907.6	20.2	19.7	0.810	0.909	0.423	0.475	
ANT 4	Body & Hotspot	Rel. 99	Mode B	5	Front	9400	1880	20.2	19.8	0.310	0.340	0.184	0.202	
ANT 4	Hotspot	Rel. 99	Mode B	5	Edge Top	9400	1880	20.2	19.8	0.242	0.265	0.130	0.143	
ANT 4	Hotspot	Rel. 99	Mode B	5	Edge Right	9400	1880	20.2	19.8	0.678	**0.743**	0.340	0.373	9

10.4. W-CDMA Band IV

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	Rel. 99	Mode A	0	Left Cheek	1413	1732.6	25.0	24.9	0.064	0.065	0.046	0.047	
ANT 1	Head	Rel. 99	Mode A	0	Left Tilt	1413	1732.6	25.0	24.9	0.065	0.067	0.043	0.044	
ANT 1	Head	Rel. 99	Mode A	0	Right Cheek	1413	1732.6	25.0	24.9	0.116	0.119	0.078	0.080	
ANT 1	Head	Rel. 99	Mode A	0	Right Tilt	1413	1732.6	25.0	24.9	0.060	0.061	0.042	0.043	
ANT 1	Body & Hotspot	Rel. 99	Mode B	5	Back	1413	1732.6	19.7	19.1	0.357	0.410	0.188	0.216	
ANT 1	Body & Hotspot	Rel. 99	Mode B	5	Front	1413	1732.6	19.7	19.1	0.260	0.299	0.135	0.155	
ANT 1	Hotspot	Rel. 99	Mode B	5	Edge Right	1413	1732.6	19.7	19.1	0.099	0.114	0.053	0.061	
ANT 1	Hotspot	Rel. 99	Mode B	5	Edge Bottom	1312	1712.4	19.7	19.1	0.728	0.836	0.366	0.420	
ANT 1	Hotspot	Rel. 99	Mode B	5	Edge Bottom	1413	1732.6	19.7	19.1	0.796	**0.914**	0.398	0.457	10
ANT 1	Hotspot	Rel. 99	Mode B	5	Edge Bottom	1513	1752.6	19.7	19.1	0.705	0.809	0.356	0.409	
ANT 1	Hotspot	Rel. 99	Mode B	5	Edge Left	1413	1732.6	19.7	19.1	0.033	0.038	0.019	0.022	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 2	Head	Rel. 99	Mode A	0	Left Cheek	1413	1732.6	23.0	22.4	0.310	0.356	0.200	0.230	
ANT 2	Head	Rel. 99	Mode A	0	Left Tilt	1413	1732.6	23.0	22.4	0.244	0.280	0.151	0.173	
ANT 2	Head	Rel. 99	Mode A	0	Right Cheek	1312	1712.4	23.0	22.4	0.739	0.848	0.449	0.516	
ANT 2	Head	Rel. 99	Mode A	0	Right Cheek	1413	1732.6	23.0	22.4	0.782	0.898	0.470	0.540	
ANT 2	Head	Rel. 99	Mode A	0	Right Cheek	1513	1752.6	23.0	22.4	0.826	**0.948**	0.497	0.571	11
ANT 2	Head	Rel. 99	Mode A	0	Right Tilt	1413	1732.6	23.0	22.4	0.510	0.586	0.266	0.305	
ANT 2	Body & Hotspot	Rel. 99	Mode B	5	Back	1312	1712.4	22.0	21.0	0.602	0.758	0.270	0.340	
ANT 2	Body & Hotspot	Rel. 99	Mode B	5	Back	1413	1732.6	22.0	21.0	0.652	0.821	0.291	0.366	
ANT 2	Body & Hotspot	Rel. 99	Mode B	5	Back	1513	1752.6	22.0	21.0	0.674	0.849	0.297	0.374	
ANT 2	Body & Hotspot	Rel. 99	Mode B	5	Front	1413	1732.6	22.0	21.0	0.335	0.422	0.181	0.228	
ANT 2	Hotspot	Rel. 99	Mode B	5	Edge Top	1413	1732.6	22.0	21.0	0.315	0.397	0.144	0.181	
ANT 2	Hotspot	Rel. 99	Mode B	5	Edge Right	1413	1732.6	22.0	21.0	0.013	0.016	0.007	0.009	
ANT 2	Hotspot	Rel. 99	Mode B	5	Edge Left	1413	1732.6	22.0	21.0	0.357	0.449	0.188	0.237	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 3	Head	Rel. 99	Mode A	0	Left Cheek	1413	1732.6	21.0	20.8	0.071	0.074	0.045	0.047	
ANT 3	Head	Rel. 99	Mode A	0	Left Tilt	1413	1732.6	21.0	20.8	0.033	0.035	0.022	0.023	
ANT 3	Head	Rel. 99	Mode A	0	Right Cheek	1413	1732.6	21.0	20.8	0.032	0.034	0.021	0.022	
ANT 3	Head	Rel. 99	Mode A	0	Right Tilt	1413	1732.6	21.0	20.8	0.029	0.030	0.018	0.019	
ANT 3	Body & Hotspot	Rel. 99	Mode B	5	Back	1312	1712.4	20.7	20.1	0.629	0.722	0.317	0.364	
ANT 3	Body & Hotspot	Rel. 99	Mode B	5	Back	1413	1732.6	20.7	20.2	0.734	0.824	0.367	0.412	
ANT 3	Body & Hotspot	Rel. 99	Mode B	5	Back	1513	1752.6	20.7	20.2	0.823	**0.923**	0.409	0.459	12
ANT 3	Body & Hotspot	Rel. 99	Mode B	5	Front	1413	1732.6	20.7	20.2	0.418	0.469	0.230	0.258	
ANT 3	Hotspot	Rel. 99	Mode B	5	Edge Bottom	1413	1732.6	20.7	20.2	0.268	0.301	0.152	0.171	
ANT 3	Hotspot	Rel. 99	Mode B	5	Edge Left	1413	1732.6	20.7	20.2	0.435	0.488	0.241	0.270	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 4	Head	Rel. 99	Mode A	0	Left Cheek	1312	1712.4	20.5	20.4	0.695	0.711	0.399	0.408	
ANT 4	Head	Rel. 99	Mode A	0	Left Cheek	1413	1732.6	20.5	20.3	0.814	0.852	0.467	0.489	
ANT 4	Head	Rel. 99	Mode A	0	Left Cheek	1513	1752.6	20.5	20.3	0.872	0.913	0.508	0.532	
ANT 4	Head	Rel. 99	Mode A	0	Left Tilt	1413	1732.6	20.5	20.3	0.426	0.446	0.227	0.238	
ANT 4	Head	Rel. 99	Mode A	0	Right Cheek	1413	1732.6	20.5	20.3	0.250	0.262	0.157	0.164	
ANT 4	Head	Rel. 99	Mode A	0	Right Tilt	1413	1732.6	20.5	20.3	0.206	0.216	0.125	0.131	
ANT 4	Body & Hotspot	Rel. 99	Mode B	5	Back	1413	1732.6	19.5	18.5	0.514	0.647	0.274	0.345	
ANT 4	Body & Hotspot	Rel. 99	Mode B	5	Front	1413	1732.6	19.5	18.5	0.233	0.293	0.136	0.171	
ANT 4	Hotspot	Rel. 99	Mode B	5	Edge Top	1413	1732.6	19.5	18.5	0.229	0.288	0.106	0.133	
ANT 4	Hotspot	Rel. 99	Mode B	5	Edge Right	1413	1732.6	19.5	18.5	0.479	0.603	0.240	0.302	

10.5. W-CDMA Band V

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	Rel. 99	Mode A	0	Left Cheek	4183	836.6	25.7	25.4	0.187	0.200	0.144	0.154	
ANT 1	Head	Rel. 99	Mode A	0	Left Tilt	4183	836.6	25.7	25.4	0.097	0.104	0.077	0.083	
ANT 1	Head	Rel. 99	Mode A	0	Right Cheek	4183	836.6	25.7	25.4	0.165	0.177	0.129	0.138	
ANT 1	Head	Rel. 99	Mode A	0	Right Tilt	4183	836.6	25.7	25.4	0.091	0.098	0.073	0.078	
ANT 1	Body & Hotspot	Rel. 99	Mode B	5	Back	4132	826.4	25.7	25.3	0.730	0.800	0.459	0.503	
ANT 1	Body & Hotspot	Rel. 99	Mode B	5	Back	4183	836.6	25.7	25.4	0.739	0.792	0.466	0.499	
ANT 1	Body & Hotspot	Rel. 99	Mode B	5	Back	4233	846.6	25.7	25.4	0.758	**0.812**	0.477	0.511	13
ANT 1	Body & Hotspot	Rel. 99	Mode B	5	Front	4183	836.6	25.7	25.4	0.307	0.329	0.215	0.230	
ANT 1	Hotspot	Rel. 99	Mode B	5	Edge Right	4183	836.6	25.7	25.4	0.326	**0.349**	0.209	0.224	14
ANT 1	Hotspot	Rel. 99	Mode B	5	Edge Bottom	4183	836.6	25.7	25.4	0.195	0.209	0.094	0.101	
ANT 1	Hotspot	Rel. 99	Mode B	5	Edge Left	4183	836.6	25.7	25.4	0.267	0.286	0.176	0.189	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 2	Head	Rel. 99	Mode A	0	Left Cheek	4183	836.6	23.5	22.5	0.383	0.482	0.282	0.355	
ANT 2	Head	Rel. 99	Mode A	0	Left Tilt	4183	836.6	23.5	22.5	0.240	0.302	0.152	0.191	
ANT 2	Head	Rel. 99	Mode A	0	Right Cheek	4132	826.4	23.5	22.5	0.654	0.823	0.442	0.556	
ANT 2	Head	Rel. 99	Mode A	0	Right Cheek	4183	836.6	23.5	22.5	0.663	0.835	0.434	0.546	
ANT 2	Head	Rel. 99	Mode A	0	Right Cheek	4233	846.6	23.5	22.5	0.714	**0.899**	0.490	0.617	15
ANT 2	Head	Rel. 99	Mode A	0	Right Tilt	4183	836.6	23.5	22.5	0.394	0.496	0.215	0.271	
ANT 2	Body & Hotspot	Rel. 99	Mode B	5	Back	4183	836.6	24.7	24.7	0.550	0.550	0.337	0.337	
ANT 2	Body & Hotspot	Rel. 99	Mode B	5	Front	4183	836.6	24.7	24.7	0.285	0.285	0.195	0.195	
ANT 2	Hotspot	Rel. 99	Mode B	5	Edge Top	4183	836.6	24.7	24.7	0.237	0.237	0.124	0.124	
ANT 2	Hotspot	Rel. 99	Mode B	5	Edge Right	4183	836.6	24.7	24.7	0.175	0.175	0.114	0.114	
ANT 2	Hotspot	Rel. 99	Mode B	5	Edge Left	4183	836.6	24.7	24.7	0.207	0.207	0.135	0.135	

10.6. LTE Band 5 (10MHz Bandwidth)

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	QPSK	Mode A	0	Left Cheek	20525	836.5	1	25	25.7	25.5	0.167	0.175	0.129	0.135	
ANT 1	Head	QPSK	Mode A	0	Left Cheek	20525	836.5	25	12	24.7	24.6	0.127	0.130	0.098	0.100	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	20525	836.5	1	25	25.7	25.5	0.087	0.091	0.068	0.071	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	20525	836.5	25	12	24.7	24.6	0.069	0.071	0.054	0.055	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	20525	836.5	1	25	25.7	25.5	0.143	0.150	0.113	0.118	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	20525	836.5	25	12	24.7	24.6	0.113	0.116	0.089	0.091	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	20525	836.5	1	25	25.7	25.5	0.090	0.094	0.070	0.073	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	20525	836.5	25	12	24.7	24.6	0.071	0.073	0.055	0.056	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	20525	836.5	1	25	25.7	25.5	0.742	**0.777**	0.476	0.498	16
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	20525	836.5	25	12	24.7	24.6	0.586	0.600	0.376	0.385	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	20525	836.5	1	25	25.7	25.5	0.340	0.356	0.238	0.249	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	20525	836.5	25	12	24.7	24.6	0.265	0.271	0.185	0.189	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	20525	836.5	1	25	25.7	25.5	0.325	0.340	0.209	0.219	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	20525	836.5	25	12	24.7	24.6	0.258	0.264	0.165	0.169	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	20525	836.5	1	25	25.7	25.5	0.199	0.208	0.095	0.099	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	20525	836.5	25	12	24.7	24.6	0.157	0.161	0.075	0.077	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	20525	836.5	1	25	25.7	25.5	0.243	0.254	0.159	0.166	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	20525	836.5	25	12	24.7	24.6	0.191	0.195	0.125	0.128	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 2	Head	QPSK	Mode A	0	Left Cheek	20525	836.5	1	25	23.5	22.8	0.341	0.401	0.252	0.296	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	20525	836.5	25	12	23.5	22.8	0.340	0.399	0.243	0.286	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	20525	836.5	1	25	23.5	22.8	0.251	0.295	0.152	0.179	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	20525	836.5	25	12	23.5	22.8	0.253	0.297	0.154	0.181	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	20525	836.5	1	25	23.5	22.8	0.747	0.878	0.493	0.579	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	20525	836.5	25	12	23.5	22.8	0.730	0.858	0.485	0.570	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	20525	836.5	50	0	23.5	22.6	0.717	**0.882**	0.480	0.591	17
ANT 2	Head	QPSK	Mode A	0	Right Tilt	20525	836.5	1	25	23.5	22.8	0.391	0.459	0.224	0.263	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	20525	836.5	25	12	23.5	22.8	0.389	0.457	0.223	0.262	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	20525	836.5	1	25	25.2	25.0	0.559	0.585	0.344	0.360	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	20525	836.5	25	12	24.2	24.0	0.438	0.459	0.269	0.282	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	20525	836.5	1	25	25.2	25.0	0.272	0.285	0.188	0.197	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	20525	836.5	25	12	24.2	24.0	0.212	0.222	0.147	0.154	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	20525	836.5	1	25	25.2	25.0	0.287	0.301	0.150	0.157	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	20525	836.5	25	12	24.2	24.0	0.226	0.237	0.117	0.123	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	20525	836.5	1	25	25.2	25.0	0.142	0.149	0.093	0.097	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	20525	836.5	25	12	24.2	24.0	0.111	0.116	0.073	0.076	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	20525	836.5	1	25	25.2	25.0	0.301	0.315	0.194	0.203	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	20525	836.5	25	12	24.2	24.0	0.228	0.239	0.148	0.155	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 3	Head	QPSK	Mode A	0	Left Cheek	20525	836.5	1	25	25.4	25.3	0.084	0.086	0.066	0.068	
ANT 3	Head	QPSK	Mode A	0	Left Cheek	20525	836.5	25	12	24.4	24.4	0.067	0.067	0.053	0.053	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	20525	836.5	1	25	25.4	25.3	0.047	0.048	0.037	0.038	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	20525	836.5	25	12	24.4	24.4	0.037	0.037	0.030	0.030	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	20525	836.5	1	25	25.4	25.3	0.076	0.078	0.060	0.061	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	20525	836.5	25	12	24.4	24.4	0.060	0.060	0.048	0.048	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	20525	836.5	1	25	25.4	25.3	0.043	0.044	0.034	0.035	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	20525	836.5	25	12	24.4	24.4	0.034	0.034	0.027	0.027	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	20525	836.5	1	25	25.4	25.3	0.556	0.569	0.311	0.318	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	20525	836.5	25	12	24.4	24.4	0.451	0.451	0.254	0.254	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	20525	836.5	1	25	25.4	25.3	0.235	0.240	0.145	0.148	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	20525	836.5	25	12	24.4	24.4	0.189	0.189	0.117	0.117	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	20525	836.5	1	25	25.4	25.3	0.413	**0.423**	0.165	0.169	18
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	20525	836.5	25	12	24.4	24.4	0.322	0.322	0.133	0.133	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	20525	836.5	1	25	25.4	25.3	0.397	0.406	0.147	0.150	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	20525	836.5	25	12	24.4	24.4	0.321	0.321	0.119	0.119	

UL CA 5B

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	PCC UL				SCC UL				Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
						Channel	Freq. (MHz)	RB Allocation	RB Offset	Channel	Freq. (MHz)	RB Allocation	RB Offset							
ANT 1	Head	QPSK	Mode A	0	Left Cheek	20476	831.6	1	49	20575	841.5	1	0	25.7	25.4	0.071	0.076	0.053	0.057	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	20476	831.6	1	49	20575	841.5	1	0	25.7	25.4	0.290	0.311	0.185	0.198	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	PCC UL				SCC UL				Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
						Channel	Freq. (MHz)	RB Allocation	RB Offset	Channel	Freq. (MHz)	RB Allocation	RB Offset							
ANT 2	Head	QPSK	Mode A	0	Right Cheek	20476	831.6	1	49	20575	841.5	1	0	23.5	22.8	0.346	0.407	0.235	0.276	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	20476	831.6	1	49	20575	841.5	1	0	24.7	24.5	0.309	0.324	0.188	0.197	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	PCC UL				SCC UL				Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
						Channel	Freq. (MHz)	RB Allocation	RB Offset	Channel	Freq. (MHz)	RB Allocation	RB Offset							
ANT 3	Head	QPSK	Mode A	0	Left Cheek	20476	831.6	1	49	20575	841.5	1	0	25.4	25.2	0.051	0.053	0.037	0.039	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	20476	831.6	1	49	20575	841.5	1	0	25.4	25.2	0.223	0.234	0.146	0.153	

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 Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	QPSK	Mode A	0	Left Cheek	21100	2535	1	49	23.0	22.8	0.089	0.093	0.052	0.054	
ANT 1	Head	QPSK	Mode A	0	Left Cheek	21100	2535	50	24	23.0	22.9	0.090	0.092	0.053	0.054	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	21100	2535	1	49	23.0	22.8	0.036	0.038	0.017	0.018	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	21100	2535	50	24	23.0	22.9	0.038	0.039	0.019	0.019	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	21100	2535	1	49	23.0	22.8	0.190	0.199	0.102	0.107	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	21100	2535	50	24	23.0	22.9	0.196	0.201	0.105	0.107	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	21100	2535	1	49	23.0	22.8	0.072	0.075	0.035	0.037	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	21100	2535	50	24	23.0	22.9	0.073	0.075	0.035	0.036	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	21100	2535	1	49	20.0	19.7	0.550	0.589	0.237	0.254	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	21100	2535	50	24	20.0	19.7	0.565	0.605	0.244	0.261	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	21100	2535	1	49	20.0	19.7	0.283	0.303	0.138	0.148	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	21100	2535	50	24	20.0	19.7	0.291	0.312	0.142	0.152	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	20850	2510	1	49	20.0	19.7	0.882	**0.945**	0.378	0.405	19
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	20850	2510	50	24	20.0	19.7	0.830	0.889	0.377	0.404	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	21100	2535	1	49	20.0	19.7	0.877	0.940	0.361	0.387	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	21100	2535	50	24	20.0	19.7	0.858	0.919	0.359	0.385	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	21100	2535	100	0	20.0	19.6	0.813	0.891	0.341	0.374	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	21350	2560	1	49	20.0	19.7	0.760	0.814	0.316	0.339	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	21350	2560	50	24	20.0	19.7	0.788	0.844	0.327	0.350	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	21100	2535	1	49	20.0	19.7	0.266	0.285	0.107	0.115	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	21100	2535	50	24	20.0	19.7	0.275	0.295	0.110	0.118	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	21100	2535	1	49	20.0	19.7	0.098	0.105	0.044	0.047	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	21100	2535	50	24	20.0	19.7	0.102	0.109	0.046	0.049	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**RB Allocation**	**RB Offset**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 2	Head	QPSK	Mode A	0	Left Cheek	21100	2535	1	49	17.0	16.1	0.521	0.641	0.195	0.240	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	21100	2535	50	24	17.0	16.2	0.530	0.637	0.205	0.246	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	21100	2535	1	49	17.0	16.1	0.637	0.784	0.236	0.290	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	21100	2535	50	24	17.0	16.2	0.650	0.781	0.241	0.290	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	21100	2535	1	49	17.0	16.1	0.607	0.747	0.238	0.293	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	21100	2535	50	24	17.0	16.2	0.612	0.736	0.241	0.290	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	21100	2535	1	49	17.0	16.1	0.535	0.658	0.201	0.247	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	21100	2535	50	24	17.0	16.2	0.545	0.655	0.205	0.246	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	20850	2510	1	49	19.0	18.1	0.665	0.818	0.261	0.321	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	20850	2510	50	24	19.0	18.2	0.659	0.792	0.257	0.309	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	21100	2535	1	49	19.0	18.1	0.682	0.839	0.267	0.328	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	21100	2535	50	24	19.0	18.2	0.704	0.846	0.276	0.332	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	21100	2535	100	0	19.0	18.1	0.701	0.862	0.274	0.337	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	21350	2560	1	49	19.0	18.3	0.759	0.892	0.295	0.347	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	21350	2560	50	24	19.0	18.3	0.782	**0.919**	0.305	0.358	20
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	21100	2535	1	49	19.0	18.1	0.316	0.389	0.131	0.161	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	21100	2535	50	24	19.0	18.2	0.322	0.387	0.133	0.160	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	21100	2535	1	49	19.0	18.1	0.477	0.587	0.173	0.213	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	21100	2535	50	24	19.0	18.2	0.498	0.599	0.181	0.218	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	21100	2535	1	49	19.0	18.1	0.012	0.015	0.003	0.004	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	21100	2535	50	24	19.0	18.2	0.012	0.014	0.004	0.005	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	20850	2510	1	49	19.0	18.1	0.675	0.830	0.290	0.357	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	20850	2510	50	24	19.0	18.2	0.684	0.822	0.293	0.352	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	21100	2535	1	49	19.0	18.1	0.734	0.903	0.315	0.388	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	21100	2535	50	24	19.0	18.2	0.737	0.886	0.316	0.380	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	21100	2535	100	0	19.0	18.1	0.736	0.905	0.314	0.386	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	21350	2560	1	49	19.0	18.3	0.772	0.907	0.331	0.389	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	21350	2560	50	24	19.0	18.3	0.794	0.933	0.339	0.398	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**RB Allocation**	**RB Offset**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 3	Head	QPSK	Mode A	0	Left Cheek	21100	2535	1	49	20.2	19.7	0.155	0.174	0.082	0.092	
ANT 3	Head	QPSK	Mode A	0	Left Cheek	21100	2535	50	24	20.2	19.8	0.159	0.174	0.083	0.091	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	21100	2535	1	49	20.2	19.7	0.061	0.068	0.032	0.036	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	21100	2535	50	24	20.2	19.8	0.062	0.068	0.033	0.036	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	21100	2535	1	49	20.2	19.7	0.074	0.083	0.040	0.045	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	21100	2535	50	24	20.2	19.8	0.080	0.088	0.042	0.046	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	21100	2535	1	49	20.2	19.7	0.103	0.116	0.050	0.056	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	21100	2535	50	24	20.2	19.8	0.106	0.116	0.052	0.057	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	21100	2535	1	49	19.2	18.3	0.510	0.627	0.237	0.292	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	21100	2535	50	24	19.2	18.3	0.521	0.641	0.243	0.299	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	21100	2535	1	49	19.2	18.3	0.365	0.449	0.179	0.220	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	21100	2535	50	24	19.2	18.3	0.363	0.447	0.178	0.219	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	21100	2535	1	49	19.2	18.3	0.069	0.085	0.035	0.043	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	21100	2535	50	24	19.2	18.3	0.071	0.087	0.036	0.044	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	20850	2510	1	49	19.2	18.1	0.662	0.853	0.303	0.390	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	20850	2510	50	24	19.2	18.2	0.662	0.833	0.301	0.379	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	21100	2535	1	49	19.2	18.3	0.674	0.829	0.298	0.367	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	21100	2535	50	24	19.2	18.3	0.716	0.881	0.321	0.395	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	21100	2535	100	0	19.2	18.2	0.626	0.788	0.281	0.354	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	21350	2560	1	49	19.2	18.1	0.581	0.748	0.260	0.335	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	21350	2560	50	24	19.2	18.2	0.595	0.749	0.266	0.335	

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 4	Head	QPSK	Mode A	0	Left Cheek	20850	2510	1	49	19.2	18.8	0.791	0.867	0.343	0.376	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	20850	2510	50	24	19.2	18.7	0.784	0.880	0.342	0.384	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	21100	2535	1	49	19.2	18.6	0.768	0.882	0.337	0.387	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	21100	2535	50	24	19.2	18.6	0.795	**0.913**	0.347	0.398	21
ANT 4	Head	QPSK	Mode A	0	Left Cheek	21100	2535	100	0	19.2	18.7	0.809	0.908	0.355	0.398	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	21350	2560	1	49	19.2	18.8	0.787	0.863	0.347	0.380	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	21350	2560	50	24	19.2	18.7	0.802	0.900	0.352	0.395	
ANT 4	Head	QPSK	Mode A	0	Left Tilt	21100	2535	1	49	19.2	18.6	0.263	0.302	0.128	0.147	
ANT 4	Head	QPSK	Mode A	0	Left Tilt	21100	2535	50	24	19.2	18.6	0.271	0.311	0.132	0.152	
ANT 4	Head	QPSK	Mode A	0	Right Cheek	21100	2535	1	49	19.2	18.6	0.183	0.210	0.099	0.114	
ANT 4	Head	QPSK	Mode A	0	Right Cheek	21100	2535	50	24	19.2	18.6	0.190	0.218	0.102	0.117	
ANT 4	Head	QPSK	Mode A	0	Right Tilt	21100	2535	1	49	19.2	18.6	0.082	0.094	0.040	0.046	
ANT 4	Head	QPSK	Mode A	0	Right Tilt	21100	2535	50	24	19.2	18.6	0.086	0.099	0.042	0.048	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	21100	2535	1	49	18.2	17.3	0.512	0.630	0.225	0.277	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	21100	2535	50	24	18.2	17.4	0.526	0.632	0.230	0.277	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Front	21100	2535	1	49	18.2	17.3	0.274	0.337	0.121	0.149	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Front	21100	2535	50	24	18.2	17.4	0.270	0.325	0.119	0.143	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Top	21100	2535	1	49	18.2	17.3	0.050	0.062	0.023	0.028	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Top	21100	2535	50	24	18.2	17.4	0.051	0.061	0.023	0.028	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	20850	2510	1	49	18.2	17.5	0.729	0.857	0.301	0.354	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	20850	2510	50	24	18.2	17.5	0.746	0.876	0.309	0.363	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	21100	2535	1	49	18.2	17.3	0.701	0.862	0.290	0.357	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	21100	2535	50	24	18.2	17.4	0.725	0.872	0.298	0.358	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	21100	2535	100	0	18.2	17.4	0.718	0.863	0.296	0.356	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	21350	2560	1	49	18.2	17.4	0.750	0.902	0.307	0.369	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	21350	2560	50	24	18.2	17.5	0.742	0.872	0.303	0.356	

UL CA 7C

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	PCC UL				SCC UL				Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
						Channel	Freq. (MHz)	RB Allocation	RB Offset	Channel	Freq. (MHz)	RB Allocation	RB Offset							
ANT 1	Head	QPSK	Mode A	0	Right Cheek	21001	2525.1	1	99	21199	2544.9	1	0	23.0	22.4	0.090	0.103	0.045	0.052	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	21001	2525.1	1	99	21199	2544.9	1	0	20.0	19.5	0.275	0.309	0.122	0.137	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	20850	2510	1	99	21048	2529.8	1	0	20.0	19.7	0.175	0.188	0.073	0.078	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	PCC UL				SCC UL				Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
						Channel	Freq. (MHz)	RB Allocation	RB Offset	Channel	Freq. (MHz)	RB Allocation	RB Offset							
ANT 2	Head	QPSK	Mode A	0	Left Tilt	21001	2525.1	1	99	21199	2544.9	1	0	17.0	16.1	0.315	0.388	0.119	0.146	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	21152	2540.2	1	99	21350	2560	1	0	19.0	17.9	0.535	0.689	0.215	0.277	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	21152	2540.2	1	99	21350	2560	1	0	19.0	17.9	0.505	0.651	0.222	0.286	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	PCC UL				SCC UL				Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
						Channel	Freq. (MHz)	RB Allocation	RB Offset	Channel	Freq. (MHz)	RB Allocation	RB Offset							
ANT 3	Head	QPSK	Mode A	0	Left Cheek	21001	2525.1	1	99	21199	2544.9	1	0	20.2	19.7	0.099	0.111	0.049	0.055	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	21001	2525.1	1	99	21199	2544.9	1	0	19.2	18.7	0.300	0.337	0.138	0.155	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	21001	2525.1	1	99	21199	2544.9	1	0	19.2	18.6	0.348	**0.400**	0.154	0.177	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	PCC UL				SCC UL				Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
						Channel	Freq. (MHz)	RB Allocation	RB Offset	Channel	Freq. (MHz)	RB Allocation	RB Offset							
ANT 4	Head	QPSK	Mode A	0	Left Cheek	21001	2525.1	1	99	21199	2544.9	1	0	19.2	18.4	0.451	0.542	0.195	0.234	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	21001	2525.1	1	99	21199	2544.9	1	0	18.2	17.5	0.324	0.381	0.146	0.172	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	21152	2540.2	1	99	21350	2560	1	0	18.2	17.3	0.469	0.577	0.198	0.244	

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 Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	QPSK	Mode A	0	Left Cheek	23095	707.5	1	25	25.7	25.4	0.133	0.143	0.108	0.116	
ANT 1	Head	QPSK	Mode A	0	Left Cheek	23095	707.5	25	12	24.7	24.4	0.109	0.117	0.087	0.093	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	23095	707.5	1	25	25.7	25.4	0.084	0.090	0.069	0.074	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	23095	707.5	25	12	24.7	24.4	0.068	0.073	0.056	0.060	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	23095	707.5	1	25	25.7	25.4	0.149	0.160	0.121	0.130	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	23095	707.5	25	12	24.7	24.4	0.120	0.129	0.098	0.105	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	23095	707.5	1	25	25.7	25.4	0.087	0.093	0.072	0.077	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	23095	707.5	25	12	24.7	24.4	0.068	0.073	0.057	0.061	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	23095	707.5	1	25	25.7	25.4	0.428	0.459	0.268	0.287	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	23095	707.5	25	12	24.7	24.4	0.341	0.365	0.213	0.228	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	23095	707.5	1	25	25.7	25.4	0.212	0.227	0.146	0.156	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	23095	707.5	25	12	24.7	24.4	0.169	0.181	0.116	0.124	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	23095	707.5	1	25	25.7	25.4	0.689	**0.738**	0.464	0.497	22
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	23095	707.5	25	12	24.7	24.4	0.555	0.595	0.374	0.401	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	23095	707.5	1	25	25.7	25.4	0.170	0.182	0.080	0.086	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	23095	707.5	25	12	24.7	24.4	0.134	0.144	0.062	0.066	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	23095	707.5	1	25	25.7	25.4	0.354	0.379	0.239	0.256	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	23095	707.5	25	12	24.7	24.4	0.284	0.304	0.191	0.205	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**RB Allocation**	**RB Offset**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 2	Head	QPSK	Mode A	0	Left Cheek	23095	707.5	1	25	24.2	23.8	0.528	0.579	0.356	0.390	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	23095	707.5	25	12	23.7	23.7	0.469	0.469	0.318	0.318	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	23095	707.5	1	25	24.2	23.8	0.448	0.491	0.248	0.272	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	23095	707.5	25	12	23.7	23.7	0.404	0.404	0.223	0.223	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	23095	707.5	1	25	24.2	23.8	0.630	**0.691**	0.385	0.422	23
ANT 2	Head	QPSK	Mode A	0	Right Cheek	23095	707.5	25	12	23.7	23.7	0.571	0.571	0.349	0.349	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	23095	707.5	1	25	24.2	23.8	0.484	0.531	0.259	0.284	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	23095	707.5	25	12	23.7	23.7	0.443	0.443	0.236	0.236	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	23095	707.5	1	25	24.7	24.6	0.514	**0.526**	0.326	0.334	24
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	23095	707.5	25	12	23.7	23.6	0.418	0.428	0.264	0.270	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	23095	707.5	1	25	24.7	24.6	0.268	0.274	0.180	0.184	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	23095	707.5	25	12	23.7	23.6	0.216	0.221	0.144	0.147	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	23095	707.5	1	25	24.7	24.6	0.146	0.149	0.073	0.075	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	23095	707.5	25	12	23.7	23.6	0.118	0.121	0.059	0.060	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	23095	707.5	1	25	24.7	24.6	0.275	0.281	0.182	0.186	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	23095	707.5	25	12	23.7	23.6	0.220	0.225	0.147	0.150	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	23095	707.5	1	25	24.7	24.6	0.429	0.439	0.284	0.291	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	23095	707.5	25	12	23.7	23.6	0.349	0.357	0.231	0.236	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**RB Allocation**	**RB Offset**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 3	Head	QPSK	Mode A	0	Left Cheek	23095	707.5	1	25	25.4	24.6	0.042	0.050	0.033	0.040	
ANT 3	Head	QPSK	Mode A	0	Left Cheek	23095	707.5	25	12	24.4	23.7	0.043	0.051	0.033	0.039	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	23095	707.5	1	25	25.4	24.6	0.031	0.037	0.026	0.031	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	23095	707.5	25	12	24.4	23.7	0.025	0.029	0.021	0.025	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	23095	707.5	1	25	25.4	24.6	0.058	0.070	0.047	0.057	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	23095	707.5	25	12	24.4	23.7	0.046	0.054	0.038	0.045	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	23095	707.5	1	25	25.4	24.6	0.017	0.020	0.014	0.017	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	23095	707.5	25	12	24.4	23.7	0.017	0.020	0.014	0.016	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	23095	707.5	1	25	25.4	24.6	0.361	0.434	0.192	0.231	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	23095	707.5	25	12	24.4	23.7	0.292	0.343	0.153	0.180	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	23095	707.5	1	25	25.4	24.6	0.257	0.309	0.135	0.162	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	23095	707.5	25	12	24.4	23.7	0.209	0.246	0.109	0.128	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	23095	707.5	1	25	25.4	24.6	0.227	0.273	0.092	0.111	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	23095	707.5	25	12	24.4	23.7	0.183	0.215	0.073	0.086	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	23095	707.5	1	25	25.4	24.6	0.354	0.426	0.183	0.220	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	23095	707.5	25	12	24.4	23.7	0.295	0.347	0.194	0.228	

10.9. LTE Band 13 (10MHz Bandwidth)

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	QPSK	Mode A	0	Left Cheek	23230	782	1	25	25.7	25.4	0.178	0.191	0.138	0.148	
ANT 1	Head	QPSK	Mode A	0	Left Cheek	23230	782	25	12	24.7	24.4	0.140	0.150	0.109	0.117	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	23230	782	1	25	25.7	25.4	0.114	0.122	0.091	0.098	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	23230	782	25	12	24.7	24.4	0.089	0.095	0.072	0.077	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	23230	782	1	25	25.7	25.4	0.192	0.206	0.152	0.163	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	23230	782	25	12	24.7	24.4	0.151	0.162	0.120	0.129	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	23230	782	1	25	25.7	25.4	0.124	0.133	0.100	0.107	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	23230	782	25	12	24.7	24.4	0.097	0.104	0.079	0.085	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	23230	782	1	25	25.7	25.4	0.516	0.553	0.326	0.349	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	23230	782	25	12	24.7	24.4	0.408	0.437	0.256	0.274	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	23230	782	1	25	25.7	25.4	0.249	0.267	0.160	0.171	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	23230	782	25	12	24.7	24.4	0.195	0.209	0.126	0.135	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	23230	782	1	25	25.7	25.4	0.628	**0.673**	0.418	0.448	25
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	23230	782	25	12	24.7	24.4	0.497	0.533	0.331	0.355	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	23230	782	1	25	25.7	25.4	0.244	0.261	0.112	0.120	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	23230	782	25	12	24.7	24.4	0.191	0.205	0.088	0.094	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	23230	782	1	25	25.7	25.4	0.217	0.233	0.145	0.155	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	23230	782	25	12	24.7	24.4	0.168	0.180	0.113	0.121	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**RB Allocation**	**RB Offset**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 2	Head	QPSK	Mode A	0	Left Cheek	23230	782	1	25	23.7	22.7	0.500	0.629	0.349	0.439	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	23230	782	25	12	23.7	22.7	0.495	0.623	0.334	0.420	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	23230	782	1	25	23.7	22.7	0.404	0.509	0.225	0.283	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	23230	782	25	12	23.7	22.7	0.402	0.506	0.224	0.282	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	23230	782	1	25	23.7	22.7	0.648	**0.816**	0.424	0.534	26
ANT 2	Head	QPSK	Mode A	0	Right Cheek	23230	782	25	12	23.7	22.7	0.645	0.812	0.421	0.530	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	23230	782	50	0	23.7	22.7	0.610	0.768	0.389	0.490	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	23230	782	1	25	23.7	22.7	0.427	0.538	0.241	0.303	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	23230	782	25	12	23.7	22.7	0.423	0.533	0.239	0.301	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	23230	782	1	25	24.7	24.6	0.698	**0.714**	0.413	0.423	27
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	23230	782	25	12	23.7	23.6	0.542	0.555	0.321	0.328	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	23230	782	1	25	24.7	24.6	0.231	0.236	0.155	0.159	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	23230	782	25	12	23.7	23.6	0.230	0.235	0.154	0.158	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	23230	782	1	25	24.7	24.6	0.177	0.181	0.089	0.091	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	23230	782	25	12	23.7	23.6	0.176	0.180	0.088	0.090	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	23230	782	1	25	24.7	24.6	0.176	0.180	0.115	0.118	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	23230	782	25	12	23.7	23.6	0.175	0.179	0.114	0.117	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	23230	782	1	25	24.7	24.6	0.177	0.181	0.116	0.119	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	23230	782	25	12	23.7	23.6	0.173	0.177	0.114	0.117	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**RB Allocation**	**RB Offset**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 3	Head	QPSK	Mode A	0	Left Cheek	23230	782	1	25	25.4	24.6	0.093	0.112	0.073	0.088	
ANT 3	Head	QPSK	Mode A	0	Left Cheek	23230	782	25	12	24.4	23.7	0.073	0.086	0.057	0.067	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	23230	782	1	25	25.4	24.6	0.044	0.053	0.035	0.042	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	23230	782	25	12	24.4	23.7	0.034	0.040	0.027	0.032	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	23230	782	1	25	25.4	24.6	0.055	0.066	0.044	0.053	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	23230	782	25	12	24.4	23.7	0.055	0.065	0.044	0.052	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	23230	782	1	25	25.4	24.6	0.053	0.064	0.043	0.052	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	23230	782	25	12	24.4	23.7	0.041	0.048	0.033	0.039	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	23230	782	1	25	25.4	24.6	0.488	0.587	0.268	0.322	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	23230	782	25	12	24.4	23.7	0.383	0.450	0.211	0.248	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	23230	782	1	25	25.4	24.6	0.326	0.392	0.179	0.215	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	23230	782	25	12	24.4	23.7	0.257	0.302	0.141	0.166	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	23230	782	1	25	25.4	24.6	0.016	0.019	0.010	0.012	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	23230	782	25	12	24.4	23.7	0.012	0.014	0.007	0.008	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	23230	782	1	25	25.4	24.6	0.280	0.337	0.187	0.225	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	23230	782	25	12	24.4	23.7	0.278	0.327	0.186	0.219	

10.10. LTE Band 14 (10MHz Bandwidth)

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	QPSK	Mode A	0	Left Cheek	23330	793	1	25	25.7	25.4	0.129	0.138	0.102	0.109	
ANT 1	Head	QPSK	Mode A	0	Left Cheek	23330	793	25	12	24.7	24.3	0.103	0.113	0.081	0.089	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	23330	793	1	25	25.7	25.4	0.076	0.081	0.062	0.066	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	23330	793	25	12	24.7	24.3	0.061	0.067	0.049	0.054	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	23330	793	1	25	25.7	25.4	0.189	0.203	0.147	0.158	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	23330	793	25	12	24.7	24.3	0.152	0.167	0.117	0.128	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	23330	793	1	25	25.7	25.4	0.118	0.126	0.094	0.101	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	23330	793	25	12	24.7	24.3	0.094	0.103	0.075	0.082	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	23330	793	1	25	25.7	25.4	0.421	0.451	0.253	0.271	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	23330	793	25	12	24.7	24.3	0.342	0.375	0.205	0.225	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	23330	793	1	25	25.7	25.4	0.222	0.238	0.140	0.150	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	23330	793	25	12	24.7	24.3	0.180	0.197	0.113	0.124	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	23330	793	1	25	25.7	25.4	0.542	**0.581**	0.358	0.384	28
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	23330	793	25	12	24.7	24.3	0.442	0.485	0.292	0.320	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	23330	793	1	25	25.7	25.4	0.260	0.279	0.116	0.124	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	23330	793	25	12	24.7	24.3	0.212	0.232	0.095	0.104	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	23330	793	1	25	25.7	25.4	0.182	0.195	0.122	0.131	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	23330	793	25	12	24.7	24.3	0.148	0.162	0.099	0.109	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**RB Allocation**	**RB Offset**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 2	Head	QPSK	Mode A	0	Left Cheek	23330	793	1	25	23.7	22.9	0.412	0.495	0.297	0.357	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	23330	793	25	12	23.7	23.0	0.411	0.483	0.295	0.347	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	23330	793	1	25	23.7	22.9	0.366	0.440	0.207	0.249	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	23330	793	25	12	23.7	23.0	0.371	0.436	0.212	0.249	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	23330	793	1	25	23.7	22.9	0.676	**0.813**	0.433	0.521	29
ANT 2	Head	QPSK	Mode A	0	Right Cheek	23330	793	25	12	23.7	23.0	0.682	0.801	0.436	0.512	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	23330	793	50	0	23.7	23.1	0.664	0.762	0.418	0.480	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	23330	793	1	25	23.7	22.9	0.418	0.503	0.238	0.286	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	23330	793	25	12	23.7	23.0	0.422	0.496	0.238	0.280	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	23330	793	1	25	24.7	24.6	0.713	**0.730**	0.425	0.435	30
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	23330	793	25	12	23.7	23.6	0.563	0.576	0.335	0.343	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	23330	793	1	25	24.7	24.6	0.280	0.287	0.182	0.186	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	23330	793	25	12	23.7	23.6	0.280	0.287	0.182	0.186	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	23330	793	1	25	24.7	24.6	0.204	0.209	0.104	0.106	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	23330	793	25	12	23.7	23.6	0.205	0.210	0.104	0.106	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	23330	793	1	25	24.7	24.6	0.170	0.174	0.110	0.113	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	23330	793	25	12	23.7	23.6	0.170	0.174	0.112	0.115	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	23330	793	1	25	24.7	24.6	0.161	0.165	0.105	0.107	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	23330	793	25	12	23.7	23.6	0.159	0.163	0.103	0.105	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**RB Allocation**	**RB Offset**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 3	Head	QPSK	Mode A	0	Left Cheek	23330	793	1	25	25.4	24.9	0.090	0.101	0.069	0.077	
ANT 3	Head	QPSK	Mode A	0	Left Cheek	23330	793	25	12	24.4	24.0	0.070	0.077	0.054	0.059	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	23330	793	1	25	25.4	24.9	0.052	0.058	0.042	0.047	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	23330	793	25	12	24.4	24.0	0.042	0.046	0.034	0.037	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	23330	793	1	25	25.4	24.9	0.083	0.093	0.066	0.074	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	23330	793	25	12	24.4	24.0	0.067	0.073	0.053	0.058	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	23330	793	1	25	25.4	24.9	0.054	0.061	0.043	0.048	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	23330	793	25	12	24.4	24.0	0.044	0.048	0.035	0.038	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	23330	793	1	25	25.4	24.9	0.534	0.599	0.291	0.327	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	23330	793	25	12	24.4	24.0	0.430	0.471	0.234	0.257	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	23330	793	1	25	25.4	24.9	0.331	0.371	0.182	0.204	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	23330	793	25	12	24.4	24.0	0.266	0.292	0.146	0.160	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	23330	793	1	25	25.4	24.9	0.013	0.015	0.008	0.009	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	23330	793	25	12	24.4	24.0	0.011	0.012	0.007	0.008	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	23330	793	1	25	25.4	24.9	0.297	0.333	0.195	0.219	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	23330	793	25	12	24.4	24.0	0.241	0.264	0.158	0.173	

10.11. LTE Band 25 (20MHz Bandwidth)

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	QPSK	Mode A	0	Left Cheek	26365	1882.5	1	49	24.5	24.5	0.050	0.050	0.034	0.034	
ANT 1	Head	QPSK	Mode A	0	Left Cheek	26365	1882.5	50	24	24.5	24.5	0.050	0.050	0.034	0.034	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	26365	1882.5	1	49	24.5	24.5	0.051	0.051	0.032	0.032	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	26365	1882.5	50	24	24.5	24.5	0.050	0.050	0.032	0.032	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	26365	1882.5	1	49	24.5	24.5	0.113	0.113	0.071	0.071	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	26365	1882.5	50	24	24.5	24.5	0.117	0.117	0.072	0.072	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	26365	1882.5	1	49	24.5	24.5	0.049	0.049	0.031	0.031	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	26365	1882.5	50	24	24.5	24.5	0.048	0.048	0.031	0.031	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	26140	1860	1	49	22.0	21.2	0.716	0.861	0.316	0.380	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	26140	1860	50	24	22.0	21.2	0.745	0.896	0.327	0.393	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	26365	1882.5	1	49	22.0	21.2	0.706	0.849	0.311	0.374	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	26365	1882.5	50	24	22.0	21.1	0.724	0.891	0.318	0.391	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	26365	1882.5	100	0	22.0	21.2	0.718	0.863	0.316	0.380	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	26590	1905	1	49	22.0	21.2	0.707	0.850	0.314	0.378	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	26590	1905	50	24	22.0	21.1	0.734	0.903	0.325	0.400	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	26365	1882.5	1	49	22.0	21.2	0.246	0.296	0.137	0.165	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	26365	1882.5	50	24	22.0	21.1	0.247	0.304	0.138	0.170	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	26365	1882.5	1	49	22.0	21.2	0.450	0.541	0.201	0.242	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	26365	1882.5	50	24	22.0	21.1	0.462	0.568	0.206	0.253	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	26365	1882.5	1	49	22.0	21.2	0.395	0.475	0.200	0.240	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	26365	1882.5	50	24	22.0	21.1	0.402	0.495	0.204	0.251	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	26365	1882.5	1	49	22.0	21.2	0.031	0.037	0.016	0.019	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	26365	1882.5	50	24	22.0	21.1	0.031	0.038	0.016	0.020	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 2	Head	QPSK	Mode A	0	Left Cheek	26365	1882.5	1	49	19.5	18.5	0.140	0.176	0.083	0.104	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	26365	1882.5	50	24	19.5	18.6	0.140	0.172	0.083	0.102	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	26365	1882.5	1	49	19.5	18.5	0.107	0.135	0.058	0.073	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	26365	1882.5	50	24	19.5	18.6	0.109	0.134	0.059	0.073	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	26365	1882.5	1	49	19.5	18.5	0.562	0.708	0.282	0.355	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	26365	1882.5	50	24	19.5	18.6	0.581	0.715	0.290	0.357	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	26365	1882.5	1	49	19.5	18.5	0.516	0.650	0.236	0.297	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	26365	1882.5	50	24	19.5	18.6	0.528	0.650	0.242	0.298	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	26365	1882.5	1	49	19.2	18.7	0.664	0.745	0.306	0.343	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	26365	1882.5	50	24	19.2	18.7	0.687	0.771	0.320	0.359	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	26365	1882.5	1	49	19.2	18.7	0.293	0.329	0.147	0.165	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	26365	1882.5	50	24	19.2	18.7	0.295	0.331	0.148	0.166	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	26365	1882.5	1	49	19.2	18.7	0.275	0.309	0.113	0.127	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	26365	1882.5	50	24	19.2	18.7	0.278	0.312	0.114	0.128	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	26365	1882.5	1	49	19.2	18.7	0.003	0.003	0.001	0.001	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	26365	1882.5	50	24	19.2	18.7	0.004	0.004	0.001	0.001	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	26365	1882.5	1	49	19.2	18.7	0.475	0.533	0.230	0.258	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	26365	1882.5	50	24	19.2	18.7	0.477	0.535	0.231	0.259	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 3	Head	QPSK	Mode A	0	Left Cheek	26365	1882.5	1	49	21.2	20.7	0.115	0.129	0.072	0.081	
ANT 3	Head	QPSK	Mode A	0	Left Cheek	26365	1882.5	50	24	21.2	20.8	0.115	0.126	0.072	0.079	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	26365	1882.5	1	49	21.2	20.7	0.080	0.090	0.050	0.056	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	26365	1882.5	50	24	21.2	20.8	0.082	0.090	0.051	0.056	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	26365	1882.5	1	49	21.2	20.7	0.069	0.077	0.044	0.049	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	26365	1882.5	50	24	21.2	20.8	0.071	0.078	0.045	0.049	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	26365	1882.5	1	49	21.2	20.7	0.062	0.070	0.036	0.040	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	26365	1882.5	50	24	21.2	20.8	0.065	0.071	0.038	0.042	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	26140	1860	1	49	20.5	19.4	0.580	0.747	0.310	0.399	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	26140	1860	50	24	20.5	19.5	0.600	0.755	0.321	0.404	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	26365	1882.5	1	49	20.5	19.4	0.638	0.822	0.339	0.437	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	26365	1882.5	50	24	20.5	19.6	0.643	0.791	0.341	0.420	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	26365	1882.5	100	0	20.5	19.5	0.638	0.803	0.339	0.427	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	26590	1905	1	49	20.5	19.5	0.612	0.770	0.327	0.412	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	26590	1905	50	24	20.5	19.6	0.664	0.817	0.352	0.433	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	26365	1882.5	1	49	20.5	19.4	0.275	0.354	0.156	0.201	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	26365	1882.5	50	24	20.5	19.6	0.283	0.348	0.160	0.197	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	26365	1882.5	1	49	20.5	19.4	0.080	0.103	0.040	0.052	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	26365	1882.5	50	24	20.5	19.6	0.082	0.101	0.040	0.049	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	26365	1882.5	1	49	20.5	19.4	0.345	0.444	0.182	0.234	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	26365	1882.5	50	24	20.5	19.6	0.354	0.436	0.186	0.229	

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 4	Head	QPSK	Mode A	0	Left Cheek	26140	1860	1	49	19.2	18.2	0.598	0.753	0.341	0.429	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	26140	1860	50	24	19.2	18.2	0.612	0.770	0.349	0.439	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	26365	1882.5	1	49	19.2	18.1	0.623	0.803	0.356	0.459	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	26365	1882.5	50	24	19.2	18.1	0.633	**0.815**	0.362	0.466	31
ANT 4	Head	QPSK	Mode A	0	Left Cheek	26365	1882.5	100	0	19.2	18.1	0.628	0.809	0.359	0.462	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	26590	1905	1	49	19.2	18.1	0.613	0.790	0.348	0.448	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	26590	1905	50	24	19.2	18.1	0.627	0.808	0.356	0.459	
ANT 4	Head	QPSK	Mode A	0	Left Tilt	26365	1882.5	1	49	19.2	18.1	0.418	0.538	0.230	0.296	
ANT 4	Head	QPSK	Mode A	0	Left Tilt	26365	1882.5	50	24	19.2	18.1	0.427	0.550	0.235	0.303	
ANT 4	Head	QPSK	Mode A	0	Right Cheek	26365	1882.5	1	49	19.2	18.1	0.194	0.250	0.126	0.162	
ANT 4	Head	QPSK	Mode A	0	Right Cheek	26365	1882.5	50	24	19.2	18.1	0.201	0.259	0.129	0.166	
ANT 4	Head	QPSK	Mode A	0	Right Tilt	26365	1882.5	1	49	19.2	18.1	0.154	0.198	0.093	0.120	
ANT 4	Head	QPSK	Mode A	0	Right Tilt	26365	1882.5	50	24	19.2	18.1	0.158	0.204	0.096	0.124	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	26140	1860	1	49	20.2	19.9	0.788	0.844	0.415	0.445	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	26140	1860	50	24	20.2	20.0	0.805	0.843	0.425	0.445	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	26365	1882.5	1	49	20.2	19.8	0.831	**0.911**	0.437	0.479	32
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	26365	1882.5	50	24	20.2	20.0	0.835	0.874	0.440	0.461	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	26365	1882.5	100	0	20.2	20.0	0.828	0.867	0.436	0.457	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	26590	1905	1	49	20.2	20.0	0.809	0.847	0.427	0.447	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	26590	1905	50	24	20.2	20.0	0.818	0.857	0.432	0.452	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Front	26365	1882.5	1	49	20.2	19.8	0.293	0.321	0.174	0.191	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Front	26365	1882.5	50	24	20.2	20.0	0.300	0.314	0.178	0.186	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Top	26365	1882.5	1	49	20.2	19.8	0.217	0.238	0.116	0.127	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Top	26365	1882.5	50	24	20.2	20.0	0.222	0.232	0.118	0.124	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	26365	1882.5	1	49	20.2	19.8	0.575	**0.630**	0.273	0.299	33
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	26365	1882.5	50	24	20.2	20.0	0.575	0.602	0.273	0.286	

10.12. LTE Band 26 (10MHz Bandwidth)

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	QPSK	Mode A	0	Left Cheek	26865	831.5	1	25	25.7	25.4	0.148	0.159	0.115	0.123	
ANT 1	Head	QPSK	Mode A	0	Left Cheek	26865	831.5	25	12	24.7	24.4	0.117	0.125	0.091	0.098	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	26865	831.5	1	25	25.7	25.4	0.077	0.083	0.061	0.065	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	26865	831.5	25	12	24.7	24.4	0.058	0.062	0.046	0.049	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	26865	831.5	1	25	25.7	25.4	0.143	0.153	0.112	0.120	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	26865	831.5	25	12	24.7	24.4	0.111	0.119	0.087	0.093	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	26865	831.5	1	25	25.7	25.4	0.079	0.085	0.061	0.065	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	26865	831.5	25	12	24.7	24.4	0.062	0.066	0.048	0.051	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	26740	819	1	25	25.7	25.4	0.683	0.732	0.431	0.462	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	26865	831.5	1	25	25.7	25.4	0.770	**0.825**	0.489	0.524	34
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	26865	831.5	25	12	24.7	24.4	0.606	0.649	0.386	0.414	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	26990	844	1	25	25.7	25.4	0.611	0.655	0.395	0.423	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	26865	831.5	1	25	25.7	25.4	0.297	0.318	0.205	0.220	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	26865	831.5	25	12	24.7	24.4	0.236	0.253	0.163	0.175	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	26865	831.5	1	25	25.7	25.4	0.311	0.333	0.200	0.214	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	26865	831.5	25	12	24.7	24.4	0.261	0.280	0.167	0.179	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	26865	831.5	1	25	25.7	25.4	0.198	0.212	0.094	0.101	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	26865	831.5	25	12	24.7	24.4	0.157	0.168	0.074	0.079	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	26865	831.5	1	25	25.7	25.4	0.242	0.259	0.159	0.170	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	26865	831.5	25	12	24.7	24.4	0.190	0.204	0.125	0.134	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**RB Allocation**	**RB Offset**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 2	Head	QPSK	Mode A	0	Left Cheek	26865	831.5	1	25	23.5	22.5	0.382	0.481	0.230	0.290	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	26865	831.5	25	12	23.5	22.6	0.386	0.475	0.232	0.285	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	26865	831.5	1	25	23.5	22.5	0.325	0.409	0.175	0.220	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	26865	831.5	25	12	23.5	22.6	0.332	0.408	0.177	0.218	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	26865	831.5	1	25	23.5	22.5	0.575	0.724	0.377	0.475	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	26865	831.5	25	12	23.5	22.6	0.591	**0.727**	0.387	0.476	35
ANT 2	Head	QPSK	Mode A	0	Right Tilt	26865	831.5	1	25	23.5	22.5	0.357	0.449	0.203	0.256	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	26865	831.5	25	12	23.5	22.6	0.363	0.447	0.206	0.253	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	26865	831.5	1	25	24.7	24.2	0.402	0.451	0.249	0.279	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	26865	831.5	25	12	23.7	23.3	0.324	0.355	0.200	0.219	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	26865	831.5	1	25	24.7	24.2	0.209	0.235	0.145	0.163	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	26865	831.5	25	12	23.7	23.3	0.168	0.184	0.117	0.128	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	26865	831.5	1	25	24.7	24.2	0.195	0.219	0.101	0.113	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	26865	831.5	25	12	23.7	23.3	0.157	0.172	0.081	0.089	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	26865	831.5	1	25	24.7	24.2	0.117	0.131	0.077	0.086	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	26865	831.5	25	12	23.7	23.3	0.094	0.103	0.062	0.068	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	26865	831.5	1	25	24.7	24.2	0.179	0.201	0.104	0.117	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	26865	831.5	25	12	23.7	23.3	0.144	0.158	0.084	0.092	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**RB Allocation**	**RB Offset**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 3	Head	QPSK	Mode A	0	Left Cheek	26865	831.5	1	25	25.4	24.9	0.073	0.082	0.059	0.066	
ANT 3	Head	QPSK	Mode A	0	Left Cheek	26865	831.5	25	12	24.4	24.1	0.057	0.061	0.046	0.049	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	26865	831.5	1	25	25.4	24.9	0.048	0.054	0.038	0.043	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	26865	831.5	25	12	24.4	24.1	0.037	0.040	0.029	0.031	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	26865	831.5	1	25	25.4	24.9	0.126	0.141	0.098	0.110	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	26865	831.5	25	12	24.4	24.1	0.105	0.113	0.082	0.088	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	26865	831.5	1	25	25.4	24.9	0.068	0.076	0.052	0.058	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	26865	831.5	25	12	24.4	24.1	0.057	0.061	0.044	0.047	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	26865	831.5	1	25	25.4	24.9	0.459	0.515	0.261	0.293	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	26865	831.5	25	12	24.4	24.1	0.360	0.386	0.206	0.221	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	26865	831.5	1	25	25.4	24.9	0.373	0.419	0.205	0.230	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	26865	831.5	25	12	24.4	24.1	0.294	0.315	0.162	0.174	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	26865	831.5	1	25	25.4	24.9	0.275	0.309	0.105	0.118	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	26865	831.5	25	12	24.4	24.1	0.217	0.233	0.083	0.089	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	26865	831.5	1	25	25.4	24.9	0.370	**0.415**	0.143	0.160	36
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	26865	831.5	25	12	24.4	24.1	0.293	0.314	0.113	0.121	

10.13. LTE Band 30 (10MHz Bandwidth)

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	QPSK	Mode A	0	Left Cheek	27710	2310	1	25	22.2	21.9	0.104	0.111	0.061	0.065	
ANT 1	Head	QPSK	Mode A	0	Left Cheek	27710	2310	25	12	22.2	21.9	0.102	0.109	0.060	0.064	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	27710	2310	1	25	22.2	21.9	0.056	0.060	0.029	0.031	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	27710	2310	25	12	22.2	21.9	0.070	0.075	0.038	0.041	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	27710	2310	1	25	22.2	21.9	0.154	0.165	0.088	0.094	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	27710	2310	25	12	22.2	21.9	0.157	0.168	0.089	0.095	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	27710	2310	1	25	22.2	21.9	0.055	0.059	0.030	0.032	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	27710	2310	25	12	22.2	21.9	0.055	0.059	0.032	0.034	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	27710	2310	1	25	20.0	19.4	0.470	0.540	0.212	0.243	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	27710	2310	25	12	20.0	19.4	0.482	0.553	0.217	0.249	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	27710	2310	1	25	20.0	19.4	0.301	0.346	0.156	0.179	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	27710	2310	25	12	20.0	19.4	0.296	0.340	0.154	0.177	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	27710	2310	1	25	20.0	19.4	0.784	0.900	0.342	0.393	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	27710	2310	25	12	20.0	19.4	0.791	0.908	0.345	0.396	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	27710	2310	50	0	20.0	19.4	0.793	0.910	0.347	0.398	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	27710	2310	1	25	20.0	19.4	0.250	0.287	0.105	0.121	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	27710	2310	25	12	20.0	19.4	0.248	0.285	0.103	0.118	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	27710	2310	1	25	20.0	19.4	0.047	0.054	0.022	0.025	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	27710	2310	25	12	20.0	19.4	0.046	0.053	0.022	0.025	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 2	Head	QPSK	Mode A	0	Left Cheek	27710	2310	1	25	19.5	18.5	0.441	0.555	0.185	0.233	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	27710	2310	25	12	19.5	18.5	0.445	0.560	0.185	0.233	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	27710	2310	1	25	19.5	18.5	0.542	0.682	0.218	0.274	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	27710	2310	25	12	19.5	18.5	0.545	0.686	0.218	0.274	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	27710	2310	1	25	19.5	18.5	0.703	0.885	0.328	0.413	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	27710	2310	25	12	19.5	18.5	0.714	**0.899**	0.333	0.419	37
ANT 2	Head	QPSK	Mode A	0	Right Cheek	27710	2310	50	0	19.5	18.5	0.673	0.847	0.314	0.395	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	27710	2310	1	25	19.5	18.5	0.647	0.815	0.287	0.361	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	27710	2310	25	12	19.5	18.5	0.642	0.808	0.285	0.359	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	27710	2310	50	0	19.5	18.5	0.623	0.784	0.258	0.325	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	27710	2310	1	25	19.7	19.6	0.722	0.739	0.324	0.332	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	27710	2310	25	12	19.7	19.6	0.723	0.740	0.325	0.333	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	27710	2310	1	25	19.7	19.6	0.400	0.409	0.192	0.196	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	27710	2310	25	12	19.7	19.6	0.466	0.477	0.217	0.222	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	27710	2310	1	25	19.7	19.6	0.438	0.448	0.172	0.176	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	27710	2310	25	12	19.7	19.6	0.437	0.447	0.172	0.176	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	27710	2310	1	25	19.7	19.6	0.056	0.057	0.025	0.026	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	27710	2310	25	12	19.7	19.6	0.056	0.057	0.025	0.026	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	27710	2310	1	25	19.7	19.6	0.872	0.892	0.390	0.399	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	27710	2310	25	12	19.7	19.6	0.870	0.890	0.390	0.399	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	27710	2310	50	0	19.7	19.4	0.864	**0.926**	0.387	0.415	38
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 3	Head	QPSK	Mode A	0	Left Cheek	27710	2310	1	25	21.0	20.8	0.127	0.133	0.072	0.075	
ANT 3	Head	QPSK	Mode A	0	Left Cheek	27710	2310	25	12	21.0	20.9	0.131	0.134	0.074	0.076	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	27710	2310	1	25	21.0	20.8	0.056	0.059	0.029	0.030	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	27710	2310	25	12	21.0	20.9	0.057	0.058	0.029	0.030	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	27710	2310	1	25	21.0	20.8	0.067	0.070	0.040	0.042	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	27710	2310	25	12	21.0	20.9	0.066	0.068	0.039	0.040	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	27710	2310	1	25	21.0	20.8	0.090	0.094	0.047	0.049	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	27710	2310	25	12	21.0	20.9	0.090	0.092	0.047	0.048	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	27710	2310	1	25	20.2	19.4	0.763	0.917	0.328	0.394	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	27710	2310	25	12	20.2	19.4	0.766	**0.921**	0.329	0.396	39
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	27710	2310	50	0	20.2	19.4	0.758	0.911	0.326	0.392	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	27710	2310	1	25	20.2	19.4	0.478	0.575	0.246	0.296	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	27710	2310	25	12	20.2	19.4	0.484	0.582	0.249	0.299	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	27710	2310	1	25	20.2	19.4	0.242	0.291	0.124	0.149	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	27710	2310	25	12	20.2	19.4	0.248	0.298	0.127	0.153	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	27710	2310	1	25	20.2	19.4	0.460	0.553	0.225	0.271	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	27710	2310	25	12	20.2	19.4	0.461	0.554	0.226	0.272	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 4	Head	QPSK	Mode A	0	Left Cheek	27710	2310	1	25	21.5	21.3	0.786	0.823	0.415	0.435	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	27710	2310	25	12	21.5	21.3	0.790	0.827	0.419	0.439	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	27710	2310	50	0	21.5	21.0	0.796	0.893	0.418	0.469	
ANT 4	Head	QPSK	Mode A	0	Left Tilt	27710	2310	1	25	21.5	21.3	0.381	0.399	0.192	0.201	
ANT 4	Head	QPSK	Mode A	0	Left Tilt	27710	2310	25	12	21.5	21.3	0.387	0.405	0.196	0.205	
ANT 4	Head	QPSK	Mode A	0	Right Cheek	27710	2310	1	25	21.5	21.3	0.358	0.375	0.209	0.219	
ANT 4	Head	QPSK	Mode A	0	Right Cheek	27710	2310	25	12	21.5	21.3	0.363	0.380	0.212	0.222	
ANT 4	Head	QPSK	Mode A	0	Right Tilt	27710	2310	1	25	21.5	21.3	0.158	0.165	0.083	0.087	
ANT 4	Head	QPSK	Mode A	0	Right Tilt	27710	2310	25	12	21.5	21.3	0.155	0.162	0.082	0.086	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	27710	2310	1	25	19.0	18.1	0.683	0.840	0.317	0.390	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	27710	2310	25	12	19.0	18.1	0.694	0.854	0.322	0.396	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	27710	2310	50	0	19.0	18.2	0.680	0.818	0.326	0.392	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Front	27710	2310	1	25	19.0	18.1	0.488	0.600	0.242	0.298	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Front	27710	2310	25	12	19.0	18.1	0.490	0.603	0.244	0.300	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Top	27710	2310	1	25	19.0	18.1	0.072	0.089	0.034	0.042	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Top	27710	2310	25	12	19.0	18.1	0.073	0.090	0.034	0.042	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	27710	2310	1	25	19.0	18.1	0.701	0.862	0.311	0.383	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	27710	2310	25	12	19.0	18.1	0.713	0.877	0.317	0.390	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	27710	2310	50	0	19.0	18.2	0.738	0.887	0.328	0.394	

10.14. LTE Band 41 PC3 (20MHz Bandwidth)

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	QPSK	Mode A	0	Left Cheek	40620	2593	1	49	25.2	24.9	0.042	0.045	0.023	0.025	
ANT 1	Head	QPSK	Mode A	0	Left Cheek	40620	2593	50	24	24.7	24.5	0.037	0.039	0.021	0.022	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	40620	2593	1	49	25.2	24.9	0.033	0.035	0.017	0.018	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	40620	2593	50	24	24.7	24.5	0.030	0.031	0.015	0.016	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	40620	2593	1	49	25.2	24.9	0.115	0.123	0.062	0.066	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	40620	2593	50	24	24.7	24.5	0.104	0.109	0.057	0.060	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	40620	2593	1	49	25.2	24.9	0.065	0.070	0.029	0.031	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	40620	2593	50	24	24.7	24.5	0.057	0.060	0.026	0.027	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	40620	2593	1	49	22.0	21.8	0.401	0.420	0.180	0.188	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	40620	2593	50	24	22.0	21.8	0.412	0.431	0.185	0.194	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	40620	2593	1	49	22.0	21.8	0.223	0.234	0.113	0.118	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	40620	2593	50	24	22.0	21.8	0.225	0.236	0.115	0.120	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	40620	2593	1	49	22.0	21.8	0.635	0.665	0.262	0.274	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	40620	2593	50	24	22.0	21.8	0.642	0.672	0.265	0.277	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	40620	2593	1	49	22.0	21.8	0.271	0.284	0.108	0.113	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	40620	2593	50	24	22.0	21.8	0.278	0.291	0.112	0.117	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	40620	2593	1	49	22.0	21.8	0.120	0.126	0.054	0.057	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	40620	2593	50	24	22.0	21.8	0.118	0.124	0.052	0.054	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 2	Head	QPSK	Mode A	0	Left Cheek	40620	2593	1	49	18.5	17.6	0.469	0.577	0.180	0.221	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	40620	2593	50	24	18.5	17.6	0.476	0.586	0.182	0.224	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	40620	2593	1	49	18.5	17.6	0.512	0.630	0.202	0.249	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	40620	2593	50	24	18.5	17.6	0.516	0.635	0.202	0.249	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	40620	2593	1	49	18.5	17.6	0.581	0.715	0.226	0.278	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	40620	2593	50	24	18.5	17.6	0.585	0.720	0.227	0.279	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	40620	2593	1	49	18.5	17.6	0.475	0.584	0.176	0.217	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	40620	2593	50	24	18.5	17.6	0.480	0.591	0.178	0.219	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	40620	2593	1	49	20.5	20.3	0.690	0.723	0.269	0.282	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	40620	2593	50	24	20.5	20.3	0.694	0.727	0.271	0.284	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	40620	2593	1	49	20.5	20.3	0.493	0.516	0.189	0.198	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	40620	2593	50	24	20.5	20.3	0.505	0.529	0.193	0.202	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	40620	2593	1	49	20.5	20.3	0.555	0.581	0.197	0.206	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	40620	2593	50	24	20.5	20.3	0.559	0.585	0.198	0.207	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	40620	2593	1	49	20.5	20.3	0.028	0.029	0.014	0.015	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	40620	2593	50	24	20.5	20.3	0.027	0.028	0.013	0.014	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	40620	2593	1	49	20.5	20.3	0.629	0.659	0.272	0.285	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	40620	2593	50	24	20.5	20.3	0.647	0.677	0.279	0.292	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 3	Head	QPSK	Mode A	0	Left Cheek	40620	2593	1	49	22.7	22.4	0.172	0.184	0.084	0.090	
ANT 3	Head	QPSK	Mode A	0	Left Cheek	40620	2593	50	24	22.7	22.5	0.177	0.185	0.087	0.091	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	40620	2593	1	49	22.7	22.4	0.080	0.086	0.041	0.044	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	40620	2593	50	24	22.7	22.5	0.083	0.087	0.043	0.045	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	40620	2593	1	49	22.7	22.4	0.075	0.080	0.039	0.042	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	40620	2593	50	24	22.7	22.5	0.076	0.080	0.040	0.042	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	40620	2593	1	49	22.7	22.4	0.132	0.141	0.063	0.068	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	40620	2593	50	24	22.7	22.5	0.134	0.140	0.064	0.067	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	40620	2593	1	49	21.8	21.6	0.675	0.707	0.298	0.312	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	40620	2593	50	24	21.8	21.4	0.700	**0.768**	0.309	0.339	40
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	40620	2593	1	49	21.8	21.6	0.445	0.466	0.215	0.225	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	40620	2593	50	24	21.8	21.4	0.460	0.504	0.222	0.243	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	40620	2593	1	49	21.8	21.6	0.074	0.077	0.033	0.035	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	40620	2593	50	24	21.8	21.4	0.077	0.084	0.034	0.037	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	39750	2506	1	49	21.8	21.5	0.715	0.766	0.319	0.342	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	39750	2506	50	24	21.8	21.6	0.724	0.758	0.322	0.337	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	40185	2549.5	1	49	21.8	21.4	0.725	0.795	0.320	0.351	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	40185	2549.5	50	24	21.8	21.5	0.773	0.828	0.337	0.361	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	40620	2593	1	49	21.8	21.6	0.819	0.858	0.355	0.372	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	40620	2593	50	24	21.8	21.4	0.839	0.920	0.369	0.405	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	40620	2593	100	0	21.8	21.4	0.829	0.909	0.359	0.394	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	41055	2636.5	1	49	21.8	21.7	0.827	0.846	0.353	0.361	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	41055	2636.5	50	24	21.8	21.8	0.873	0.873	0.369	0.369	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	41490	2680	1	49	21.8	21.5	0.858	0.919	0.359	0.385	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	41490	2680	50	24	21.8	21.6	0.904	**0.947**	0.374	0.392	41

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 4	Head	QPSK	Mode A	0	Left Cheek	39750	2506	1	49	21.5	20.5	0.501	0.631	0.215	0.271	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	39750	2506	50	24	21.5	20.5	0.507	0.638	0.217	0.273	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	40185	2549.5	1	49	21.5	20.7	0.563	0.677	0.241	0.290	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	40185	2549.5	50	24	21.5	20.7	0.588	0.707	0.252	0.303	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	40620	2593	1	49	21.5	20.5	0.715	**0.900**	0.301	0.379	42
ANT 4	Head	QPSK	Mode A	0	Left Cheek	40620	2593	50	24	21.5	20.6	0.717	0.882	0.302	0.372	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	40620	2593	100	0	21.5	20.6	0.634	0.780	0.267	0.328	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	41055	2636.5	1	49	21.5	20.2	0.566	0.764	0.237	0.320	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	41055	2636.5	50	24	21.5	20.3	0.587	0.774	0.248	0.327	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	41490	2680	1	49	21.5	20.2	0.493	0.665	0.205	0.277	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	41490	2680	50	24	21.5	20.3	0.506	0.667	0.211	0.278	
ANT 4	Head	QPSK	Mode A	0	Left Tilt	40620	2593	1	49	21.5	20.5	0.293	0.369	0.143	0.180	
ANT 4	Head	QPSK	Mode A	0	Left Tilt	40620	2593	50	24	21.5	20.6	0.296	0.364	0.144	0.177	
ANT 4	Head	QPSK	Mode A	0	Right Cheek	40620	2593	1	49	21.5	20.5	0.193	0.243	0.101	0.127	
ANT 4	Head	QPSK	Mode A	0	Right Cheek	40620	2593	50	24	21.5	20.6	0.195	0.240	0.101	0.124	
ANT 4	Head	QPSK	Mode A	0	Right Tilt	40620	2593	1	49	21.5	20.5	0.076	0.096	0.037	0.047	
ANT 4	Head	QPSK	Mode A	0	Right Tilt	40620	2593	50	24	21.5	20.6	0.083	0.102	0.040	0.049	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	40620	2593	1	49	20.2	19.4	0.538	0.647	0.240	0.289	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	40620	2593	50	24	20.2	19.4	0.539	0.648	0.239	0.287	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Front	40620	2593	1	49	20.2	19.4	0.277	0.333	0.122	0.147	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Front	40620	2593	50	24	20.2	19.4	0.276	0.332	0.122	0.147	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Top	40620	2593	1	49	20.2	19.4	0.046	0.055	0.022	0.026	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Top	40620	2593	50	24	20.2	19.4	0.046	0.055	0.022	0.026	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	39750	2506	1	49	20.2	19.4	0.641	0.771	0.264	0.317	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	39750	2506	50	24	20.2	19.2	0.652	0.821	0.269	0.339	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	40185	2549.5	1	49	20.2	19.3	0.693	0.853	0.283	0.348	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	40185	2549.5	50	24	20.2	19.4	0.708	0.851	0.290	0.349	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	40620	2593	1	49	20.2	19.4	0.679	0.816	0.276	0.332	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	40620	2593	50	24	20.2	19.4	0.679	0.816	0.277	0.333	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	40620	2593	100	0	20.2	19.4	0.695	0.836	0.284	0.341	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	41055	2636.5	1	49	20.2	19.0	0.651	0.858	0.265	0.349	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	41055	2636.5	50	24	20.2	19.1	0.671	0.864	0.273	0.352	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	41490	2680	1	49	20.2	19.1	0.592	0.763	0.244	0.314	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	41490	2680	50	24	20.2	19.2	0.603	0.759	0.248	0.312	

UL CA 41C PC3

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	PCC UL				SCC UL				Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
						Channel	Freq. (MHz)	RB Allocation	RB Offset	Channel	Freq. (MHz)	RB Allocation	RB Offset							
ANT 1	Head	QPSK	Mode A	0	Right Cheek	40521	2583.1	1	99	40719	2602.9	1	0	25.2	24.8	0.067	0.073	0.036	0.039	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	40521	2583.1	1	99	40719	2602.9	1	0	22.0	21.5	0.148	0.166	0.061	0.068	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	40521	2583.1	1	99	40719	2602.9	1	0	22.0	21.5	0.312	0.350	0.139	0.156	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	PCC UL				SCC UL				Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
						Channel	Freq. (MHz)	RB Allocation	RB Offset	Channel	Freq. (MHz)	RB Allocation	RB Offset							
ANT 2	Head	QPSK	Mode A	0	Right Cheek	40521	2583.1	1	99	40719	2602.9	1	0	18.5	17.5	0.374	0.471	0.152	0.191	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	40521	2583.1	1	99	40719	2602.9	1	0	20.5	19.8	0.615	0.723	0.249	0.293	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	PCC UL				SCC UL				Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
						Channel	Freq. (MHz)	RB Allocation	RB Offset	Channel	Freq. (MHz)	RB Allocation	RB Offset							
ANT 3	Head	QPSK	Mode A	0	Left Cheek	40521	2583.1	1	99	40719	2602.9	1	0	22.7	22.6	0.092	0.094	0.045	0.046	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	40521	2583.1	1	99	40719	2602.9	1	0	21.8	21.5	0.421	0.451	0.189	0.203	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	41292	2660.2	1	99	41490	2680	1	0	21.8	21.5	0.601	0.644	0.254	0.272	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	PCC UL				SCC UL				Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
						Channel	Freq. (MHz)	RB Allocation	RB Offset	Channel	Freq. (MHz)	RB Allocation	RB Offset							
ANT 4	Head	QPSK	Mode A	0	Left Cheek	40521	2583.1	1	99	40719	2602.9	1	0	21.5	20.4	0.458	0.590	0.200	0.258	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	40521	2583.1	1	99	40719	2602.9	1	0	20.2	19.3	0.292	0.359	0.129	0.159	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	41292	2660.2	1	99	41490	2680	1	0	20.2	18.8	0.489	0.675	0.208	0.287	

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 PC2 (20MHz Bandwidth)

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 Condition	LTE B41 PC2			LTE B41 PC3				PC2 Linearly scaled Reported SAR (W/kg)	Linearly scaled (<10%)	Testing Required
		Duty Cycle (%)	Max Output Power	Frame Avg Pwr (mW)	Duty Cycle (%)	Max Output Power	Frame Avg Pwr (mW)	Reported SAR (W/kg)			
ANT 1	Head	43.3%	26.8	207.3	63.3%	25.2	209.6	0.123	0.122	-1.0%	No
ANT 1	Body & Hotspot	43.3%	23.6	99.2	63.3%	22	100.3	0.431	0.427	-1.0%	No
ANT 1	Hotspot	43.3%	23.6	99.2	63.3%	22	100.3	0.672	0.665	-1.1%	No
Antenna	RF Exposure Condition	LTE B41 PC2			LTE B41 PC3				PC2 Linearly scaled Reported SAR (W/kg)	Linearly scaled (<10%)	Testing Required
		Duty Cycle (%)	Max Output Power	Frame Avg Pwr (mW)	Duty Cycle (%)	Max Output Power	Frame Avg Pwr (mW)	Reported SAR (W/kg)			
ANT 2	Head	43.3%	20.1	44.3	63.3%	18.5	44.8	0.720	0.712	-1.1%	No
ANT 2	Body & Hotspot	43.3%	22.1	70.2	63.3%	20.5	71.0	0.727	0.719	-1.1%	No
ANT 2	Hotspot	43.3%	22.1	70.2	63.3%	20.5	71.0	0.677	0.670	-1.1%	No
Antenna	RF Exposure Condition	LTE B41 PC2			LTE B41 PC3				PC2 Linearly scaled Reported SAR (W/kg)	Linearly scaled (<10%)	Testing Required
		Duty Cycle (%)	Max Output Power	Frame Avg Pwr (mW)	Duty Cycle (%)	Max Output Power	Frame Avg Pwr (mW)	Reported SAR (W/kg)			
ANT 3	Head	43.3%	24.3	116.5	63.3%	22.7	117.9	0.185	0.183	-1.3%	No
ANT 3	Body & Hotspot	43.3%	23.4	94.7	63.3%	21.8	95.8	0.768	0.759	-1.1%	No
ANT 3	Hotspot	43.3%	23.4	94.7	63.3%	21.8	95.8	0.947	0.936	-1.1%	No
Antenna	RF Exposure Condition	LTE B41 PC2			LTE B41 PC3				PC2 Linearly scaled Reported SAR (W/kg)	Linearly scaled (<10%)	Testing Required
		Duty Cycle (%)	Max Output Power	Frame Avg Pwr (mW)	Duty Cycle (%)	Max Output Power	Frame Avg Pwr (mW)	Reported SAR (W/kg)			
ANT 4	Head	43.3%	23.1	88.4	63.3%	21.5	89.4	0.900	0.890	-1.1%	No
ANT 4	Body & Hotspot	43.3%	21.8	65.5	63.3%	20.2	66.3	0.648	0.641	-1.1%	No
ANT 4	Hotspot	43.3%	21.8	65.5	63.3%	20.2	66.3	0.864	0.855	-1.1%	No

Conclusion:
SAR test for Power Class 2 is not required because the PC3 reported SAR <1.4 W/kg and PC2 reported SAR vs. output power linearly scaled <10%.

10.16. LTE Band 48 (20MHz Bandwidth)

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 7	Head	QPSK	Mode A	0	Left Cheek	56207	3646.7	1	49	23.5	22.4	0.048	0.062	0.022	0.028	
ANT 7	Head	QPSK	Mode A	0	Left Cheek	56207	3646.7	50	24	23.5	22.5	0.047	0.059	0.023	0.029	
ANT 7	Head	QPSK	Mode A	0	Left Tilt	56207	3646.7	1	49	23.5	22.4	0.024	0.031	0.009	0.012	
ANT 7	Head	QPSK	Mode A	0	Left Tilt	56207	3646.7	50	24	23.5	22.5	0.023	0.029	0.009	0.011	
ANT 7	Head	QPSK	Mode A	0	Right Cheek	56207	3646.7	1	49	23.5	22.4	0.098	0.126	0.043	0.055	
ANT 7	Head	QPSK	Mode A	0	Right Cheek	56207	3646.7	50	24	23.5	22.5	0.099	0.125	0.044	0.055	
ANT 7	Head	QPSK	Mode A	0	Right Tilt	56207	3646.7	1	49	23.5	22.4	0.018	0.023	0.007	0.009	
ANT 7	Head	QPSK	Mode A	0	Right Tilt	56207	3646.7	50	24	23.5	22.5	0.018	0.023	0.007	0.009	
ANT 7	Body & Hotspot	QPSK	Mode B	5	Back	56207	3646.7	1	49	22.5	22.4	0.571	0.584	0.225	0.230	
ANT 7	Body & Hotspot	QPSK	Mode B	5	Back	56207	3646.7	50	24	22.5	22.5	0.562	0.562	0.218	0.218	
ANT 7	Body & Hotspot	QPSK	Mode B	5	Front	56207	3646.7	1	49	22.5	22.4	0.179	0.183	0.071	0.073	
ANT 7	Body & Hotspot	QPSK	Mode B	5	Front	56207	3646.7	50	24	22.5	22.5	0.186	0.186	0.072	0.072	
ANT 7	Hotspot	QPSK	Mode B	5	Edge Right	56207	3646.7	1	49	22.5	22.4	0.545	0.558	0.217	0.222	
ANT 7	Hotspot	QPSK	Mode B	5	Edge Right	56207	3646.7	50	24	22.5	22.5	0.538	0.538	0.214	0.214	
ANT 7	Hotspot	QPSK	Mode B	5	Edge Bottom	56207	3646.7	1	49	22.5	22.4	0.073	0.075	0.024	0.025	
ANT 7	Hotspot	QPSK	Mode B	5	Edge Bottom	56207	3646.7	50	24	22.5	22.5	0.072	0.072	0.024	0.024	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 8	Head	QPSK	Mode A	0	Left Cheek	56207	3646.7	1	49	22.8	21.7	0.224	0.289	0.093	0.120	
ANT 8	Head	QPSK	Mode A	0	Left Cheek	56207	3646.7	50	24	22.8	21.8	0.269	0.339	0.098	0.123	
ANT 8	Head	QPSK	Mode A	0	Left Tilt	56207	3646.7	1	49	22.8	21.7	0.311	0.401	0.128	0.165	
ANT 8	Head	QPSK	Mode A	0	Left Tilt	56207	3646.7	50	24	22.8	21.8	0.311	0.392	0.128	0.161	
ANT 8	Head	QPSK	Mode A	0	Right Cheek	56207	3646.7	1	49	22.8	21.7	0.448	0.577	0.164	0.211	
ANT 8	Head	QPSK	Mode A	0	Right Cheek	56207	3646.7	50	24	22.8	21.8	0.446	0.561	0.163	0.205	
ANT 8	Head	QPSK	Mode A	0	Right Tilt	56207	3646.7	1	49	22.8	21.7	0.220	0.283	0.078	0.100	
ANT 8	Head	QPSK	Mode A	0	Right Tilt	56207	3646.7	50	24	22.8	21.8	0.219	0.276	0.077	0.097	
ANT 8	Body & Hotspot	QPSK	Mode B	5	Back	56207	3646.7	1	49	22.5	21.6	0.412	0.507	0.171	0.210	
ANT 8	Body & Hotspot	QPSK	Mode B	5	Back	56207	3646.7	50	24	22.5	21.5	0.413	0.520	0.170	0.214	
ANT 8	Body & Hotspot	QPSK	Mode B	5	Front	56207	3646.7	1	49	22.5	21.6	0.173	0.213	0.070	0.086	
ANT 8	Body & Hotspot	QPSK	Mode B	5	Front	56207	3646.7	50	24	22.5	21.5	0.176	0.222	0.071	0.089	
ANT 8	Hotspot	QPSK	Mode B	5	Edge Top	56207	3646.7	1	49	22.5	21.6	0.287	0.353	0.091	0.112	
ANT 8	Hotspot	QPSK	Mode B	5	Edge Top	56207	3646.7	50	24	22.5	21.5	0.286	0.360	0.089	0.112	
ANT 8	Hotspot	QPSK	Mode B	5	Edge Left	55340	3560	1	49	22.5	21.4	0.711	0.916	0.255	0.329	
ANT 8	Hotspot	QPSK	Mode B	5	Edge Left	55340	3560	50	24	22.5	21.4	0.727	**0.937**	0.261	0.336	43
ANT 8	Hotspot	QPSK	Mode B	5	Edge Left	55773	3603.3	1	49	22.5	21.4	0.617	0.795	0.221	0.285	
ANT 8	Hotspot	QPSK	Mode B	5	Edge Left	55773	3603.3	50	24	22.5	21.5	0.620	0.781	0.223	0.281	
ANT 8	Hotspot	QPSK	Mode B	5	Edge Left	56207	3646.7	1	49	22.5	21.6	0.634	0.780	0.227	0.279	
ANT 8	Hotspot	QPSK	Mode B	5	Edge Left	56207	3646.7	50	24	22.5	21.5	0.631	0.794	0.226	0.285	
ANT 8	Hotspot	QPSK	Mode B	5	Edge Left	56207	3646.7	100	0	22.5	21.5	0.625	0.787	0.223	0.281	
ANT 8	Hotspot	QPSK	Mode B	5	Edge Left	56640	3690	1	49	22.5	21.6	0.726	0.893	0.259	0.319	
ANT 8	Hotspot	QPSK	Mode B	5	Edge Left	56640	3690	50	24	22.5	21.7	0.721	0.867	0.259	0.311	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 9	Head	QPSK	Mode A	0	Left Cheek	56207	3646.7	1	49	25.3	24.2	0.016	0.021	0.004	0.005	
ANT 9	Head	QPSK	Mode A	0	Left Cheek	56207	3646.7	50	24	25.0	24.2	0.019	0.023	0.006	0.007	
ANT 9	Head	QPSK	Mode A	0	Left Tilt	56207	3646.7	1	49	25.3	24.2	0.021	0.027	0.008	0.010	
ANT 9	Head	QPSK	Mode A	0	Left Tilt	56207	3646.7	50	24	25.0	24.2	0.019	0.023	0.006	0.007	
ANT 9	Head	QPSK	Mode A	0	Right Cheek	56207	3646.7	1	49	25.3	24.2	0.040	0.052	0.019	0.024	
ANT 9	Head	QPSK	Mode A	0	Right Cheek	56207	3646.7	50	24	25.0	24.2	0.040	0.048	0.019	0.023	
ANT 9	Head	QPSK	Mode A	0	Right Tilt	56207	3646.7	1	49	25.3	24.2	0.012	0.015	0.005	0.006	
ANT 9	Head	QPSK	Mode A	0	Right Tilt	56207	3646.7	50	24	25.0	24.2	0.008	0.010	0.001	0.001	
ANT 9	Body & Hotspot	QPSK	Mode B	5	Back	56207	3646.7	1	49	22.8	22.2	0.616	**0.707**	0.230	0.264	44
ANT 9	Body & Hotspot	QPSK	Mode B	5	Back	56207	3646.7	50	24	22.8	22.3	0.613	0.688	0.229	0.257	
ANT 9	Body & Hotspot	QPSK	Mode B	5	Front	56207	3646.7	1	49	22.8	22.2	0.268	0.308	0.107	0.123	
ANT 9	Body & Hotspot	QPSK	Mode B	5	Front	56207	3646.7	50	24	22.8	22.3	0.268	0.301	0.107	0.120	
ANT 9	Hotspot	QPSK	Mode B	5	Edge Bottom	55340	3560	1	49	22.8	22.4	0.654	0.717	0.251	0.275	
ANT 9	Hotspot	QPSK	Mode B	5	Edge Bottom	55340	3560	50	24	22.8	22.4	0.706	0.774	0.271	0.297	
ANT 9	Hotspot	QPSK	Mode B	5	Edge Bottom	55773	3603.3	1	49	22.8	22.2	0.750	0.861	0.288	0.331	
ANT 9	Hotspot	QPSK	Mode B	5	Edge Bottom	55773	3603.3	50	24	22.8	22.3	0.744	0.835	0.287	0.322	
ANT 9	Hotspot	QPSK	Mode B	5	Edge Bottom	56207	3646.7	1	49	22.8	22.2	0.693	0.796	0.266	0.305	
ANT 9	Hotspot	QPSK	Mode B	5	Edge Bottom	56207	3646.7	50	24	22.8	22.3	0.707	0.793	0.269	0.302	
ANT 9	Hotspot	QPSK	Mode B	5	Edge Bottom	56207	3646.7	100	0	22.8	22.4	0.693	0.760	0.265	0.291	
ANT 9	Hotspot	QPSK	Mode B	5	Edge Bottom	56640	3690	1	49	22.8	22.2	0.665	0.764	0.257	0.295	
ANT 9	Hotspot	QPSK	Mode B	5	Edge Bottom	56640	3690	50	24	22.8	22.2	0.670	0.769	0.260	0.299	
ANT 9	Hotspot	QPSK	Mode B	5	Edge Left	56207	3646.7	1	49	22.8	22.2	0.276	0.317	0.114	0.131	
ANT 9	Hotspot	QPSK	Mode B	5	Edge Left	56207	3646.7	50	24	22.8	22.3	0.271	0.304	0.112	0.126	

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 4	Head	QPSK	Mode A	0	Left Cheek	55340	3560	1	49	23.8	22.7	0.596	0.768	0.233	0.300	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	55340	3560	50	24	23.8	22.7	0.606	0.781	0.238	0.307	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	55773	3603.3	1	49	23.8	22.6	0.624	0.823	0.247	0.326	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	55773	3603.3	50	24	23.8	22.8	0.650	0.818	0.256	0.322	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	56207	3646.7	1	49	23.8	22.7	0.612	0.788	0.241	0.310	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	56207	3646.7	50	24	23.8	22.7	0.634	0.817	0.251	0.323	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	56207	3646.7	100	0	23.8	22.8	0.669	**0.842**	0.266	0.335	45
ANT 4	Head	QPSK	Mode A	0	Left Cheek	56640	3690	1	49	23.8	22.5	0.600	0.809	0.237	0.320	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	56640	3690	50	24	23.8	22.7	0.604	0.778	0.240	0.309	
ANT 4	Head	QPSK	Mode A	0	Left Tilt	56207	3646.7	1	49	23.8	22.7	0.362	0.466	0.138	0.178	
ANT 4	Head	QPSK	Mode A	0	Left Tilt	56207	3646.7	50	24	23.8	22.7	0.359	0.462	0.138	0.178	
ANT 4	Head	QPSK	Mode A	0	Right Cheek	56207	3646.7	1	49	23.8	22.7	0.118	0.152	0.049	0.063	
ANT 4	Head	QPSK	Mode A	0	Right Cheek	56207	3646.7	50	24	23.8	22.7	0.117	0.151	0.049	0.063	
ANT 4	Head	QPSK	Mode A	0	Right Tilt	56207	3646.7	1	49	23.8	22.7	0.108	0.139	0.046	0.059	
ANT 4	Head	QPSK	Mode A	0	Right Tilt	56207	3646.7	50	24	23.8	22.7	0.111	0.143	0.048	0.062	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	56207	3646.7	1	49	21.5	20.4	0.515	0.663	0.168	0.216	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	56207	3646.7	50	24	21.5	20.5	0.511	0.643	0.167	0.210	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Front	56207	3646.7	1	49	21.5	20.4	0.126	0.162	0.052	0.067	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Front	56207	3646.7	50	24	21.5	20.5	0.126	0.159	0.051	0.064	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Top	56207	3646.7	1	49	21.5	20.4	0.061	0.079	0.027	0.035	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Top	56207	3646.7	50	24	21.5	20.5	0.062	0.078	0.026	0.033	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	56207	3646.7	1	49	21.5	20.4	0.345	0.444	0.134	0.173	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	56207	3646.7	50	24	21.5	20.5	0.342	0.431	0.130	0.164	

UL CA 48C

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	PCC UL				SCC UL				Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
						Channel	Freq. (MHz)	RB Allocation	RB Offset	Channel	Freq. (MHz)	RB Allocation	RB Offset							
ANT 7	Head	QPSK	Mode A	0	Right Cheek	55891	3615.1	1	99	56089	3634.9	1	0	23.5	22.3	0.059	0.078	0.024	0.032	
ANT 7	Body & Hotspot	QPSK	Mode B	5	Back	55891	3615.1	1	99	56089	3634.9	1	0	22.5	21.4	0.299	0.385	0.116	0.149	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	PCC UL				SCC UL				Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
						Channel	Freq. (MHz)	RB Allocation	RB Offset	Channel	Freq. (MHz)	RB Allocation	RB Offset							
ANT 8	Head	QPSK	Mode A	0	Right Cheek	55891	3615.1	1	99	56089	3634.9	1	0	22.8	21.6	0.348	0.459	0.132	0.174	
ANT 8	Body & Hotspot	QPSK	Mode B	5	Back	55891	3615.1	1	99	56089	3634.9	1	0	22.5	21.2	0.232	0.313	0.098	0.132	
ANT 8	Hotspot	QPSK	Mode B	5	Edge Left	55340	3560	1	99	55538	3579.8	1	0	22.5	21.2	0.403	0.544	0.151	0.204	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	PCC UL				SCC UL				Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
						Channel	Freq. (MHz)	RB Allocation	RB Offset	Channel	Freq. (MHz)	RB Allocation	RB Offset							
ANT 9	Head	QPSK	Mode A	0	Right Cheek	55891	3615.1	1	99	56089	3634.9	1	0	25.0	24.7	0.024	0.026	0.011	0.012	
ANT 9	Body & Hotspot	QPSK	Mode B	5	Back	55891	3615.1	1	99	56089	3634.9	1	0	22.8	22.0	0.310	0.373	0.111	0.133	
ANT 9	Hotspot	QPSK	Mode B	5	Edge Bottom	55891	3615.1	1	99	56089	3634.9	1	0	22.8	22.0	0.307	0.369	0.166	0.200	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	PCC UL				SCC UL				Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
						Channel	Freq. (MHz)	RB Allocation	RB Offset	Channel	Freq. (MHz)	RB Allocation	RB Offset							
ANT 4	Head	QPSK	Mode A	0	Left Cheek	55891	3615.1	1	99	56089	3634.9	1	0	23.8	22.5	0.391	0.527	0.154	0.208	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	55891	3615.1	1	99	56089	3634.9	1	0	21.5	20.3	0.234	0.308	0.084	0.111	

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.

10.17. LTE Band 53 (10MHz Bandwidth)

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	QPSK	Mode A	0	Left Cheek	60197	2489.2	1	25	20.7	20.4	0.020	0.021	0.011	0.012	
ANT 1	Head	QPSK	Mode A	0	Left Cheek	60197	2489.2	25	12	20.7	20.6	0.020	0.020	0.011	0.011	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	60197	2489.2	1	25	20.7	20.4	0.011	0.012	0.005	0.005	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	60197	2489.2	25	12	20.7	20.6	0.011	0.011	0.005	0.005	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	60197	2489.2	1	25	20.7	20.4	0.038	0.041	0.019	0.020	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	60197	2489.2	25	12	20.7	20.6	0.037	0.038	0.019	0.019	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	60197	2489.2	1	25	20.7	20.4	0.018	0.019	0.008	0.009	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	60197	2489.2	25	12	20.7	20.6	0.018	0.018	0.009	0.009	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	60197	2489.2	1	25	20.7	20.4	0.348	0.373	0.142	0.152	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	60197	2489.2	25	12	20.7	20.6	0.353	0.361	0.144	0.147	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	60197	2489.2	1	25	20.7	20.4	0.189	0.203	0.087	0.093	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	60197	2489.2	25	12	20.7	20.6	0.190	0.194	0.087	0.089	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	60197	2489.2	1	25	20.7	20.4	0.421	0.451	0.172	0.184	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	60197	2489.2	25	12	20.7	20.6	0.422	0.432	0.172	0.176	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	60197	2489.2	1	25	20.7	20.4	0.111	0.119	0.043	0.046	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	60197	2489.2	25	12	20.7	20.6	0.112	0.115	0.044	0.045	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	60197	2489.2	1	25	20.7	20.4	0.058	0.062	0.025	0.027	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	60197	2489.2	25	12	20.7	20.6	0.057	0.058	0.024	0.025	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 2	Head	QPSK	Mode A	0	Left Cheek	60197	2489.2	1	25	18.5	17.6	0.399	0.491	0.152	0.187	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	60197	2489.2	25	12	18.5	17.6	0.398	0.490	0.151	0.186	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	60197	2489.2	1	25	18.5	17.6	0.438	0.539	0.163	0.201	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	60197	2489.2	25	12	18.5	17.6	0.439	0.540	0.164	0.202	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	60197	2489.2	1	25	18.5	17.6	0.727	**0.894**	0.291	0.358	46
ANT 2	Head	QPSK	Mode A	0	Right Cheek	60197	2489.2	25	12	18.5	17.6	0.719	0.885	0.288	0.354	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	60197	2489.2	50	0	18.5	17.5	0.581	0.731	0.231	0.291	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	60197	2489.2	1	25	18.5	17.6	0.577	0.710	0.222	0.273	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	60197	2489.2	25	12	18.5	17.6	0.584	0.718	0.223	0.274	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	60197	2489.2	1	25	20.5	20.1	0.862	0.945	0.334	0.366	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	60197	2489.2	25	12	20.5	20.2	0.883	**0.946**	0.342	0.366	47
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	60197	2489.2	50	0	20.5	20.2	0.791	0.848	0.308	0.330	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	60197	2489.2	1	25	20.5	20.1	0.445	0.488	0.183	0.201	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	60197	2489.2	25	12	20.5	20.2	0.444	0.476	0.182	0.195	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	60197	2489.2	1	25	20.5	20.1	0.525	0.576	0.187	0.205	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	60197	2489.2	25	12	20.5	20.2	0.528	0.566	0.187	0.200	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	60197	2489.2	1	25	20.5	20.1	0.029	0.032	0.014	0.015	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	60197	2489.2	25	12	20.5	20.2	0.030	0.032	0.014	0.015	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	60197	2489.2	1	25	20.5	20.1	0.697	**0.764**	0.304	0.333	48
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	60197	2489.2	25	12	20.5	20.2	0.702	0.752	0.304	0.326	

10.18. LTE Band 66 (20MHz Bandwidth)

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	QPSK	Mode A	0	Left Cheek	132322	1745	1	49	25.0	25.0	0.038	0.038	0.027	0.027	
ANT 1	Head	QPSK	Mode A	0	Left Cheek	132322	1745	50	24	24.7	24.7	0.035	0.035	0.025	0.025	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	132322	1745	1	49	25.0	25.0	0.043	0.043	0.028	0.028	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	132322	1745	50	24	24.7	24.7	0.042	0.042	0.027	0.027	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	132322	1745	1	49	25.0	25.0	0.102	0.102	0.068	0.068	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	132322	1745	50	24	24.7	24.7	0.096	0.096	0.065	0.065	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	132322	1745	1	49	25.0	25.0	0.036	0.036	0.025	0.025	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	132322	1745	50	24	24.7	24.7	0.035	0.035	0.024	0.024	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	132322	1745	1	49	19.7	18.9	0.273	0.328	0.156	0.188	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	132322	1745	50	24	19.7	19.1	0.265	0.304	0.151	0.173	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	132322	1745	1	49	19.7	18.9	0.209	0.251	0.108	0.130	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	132322	1745	50	24	19.7	19.1	0.211	0.242	0.108	0.124	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	132322	1745	1	49	19.7	18.9	0.094	0.113	0.048	0.058	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	132322	1745	50	24	19.7	19.1	0.096	0.110	0.050	0.057	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	132072	1720	1	49	19.7	19.0	0.754	0.886	0.377	0.443	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	132072	1720	50	24	19.7	19.2	0.783	0.879	0.391	0.439	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	132322	1745	1	49	19.7	18.9	0.740	0.890	0.369	0.444	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	132322	1745	50	24	19.7	19.1	0.789	**0.906**	0.389	0.447	49
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	132322	1745	100	0	19.7	19.1	0.742	0.852	0.369	0.424	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	132572	1770	1	49	19.7	18.9	0.651	0.783	0.324	0.390	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	132572	1770	50	24	19.7	19.1	0.674	0.774	0.336	0.386	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	132322	1745	1	49	19.7	18.9	0.009	0.011	0.005	0.006	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	132322	1745	50	24	19.7	19.1	0.010	0.011	0.001	0.001	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**RB Allocation**	**RB Offset**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 2	Head	QPSK	Mode A	0	Left Cheek	132322	1745	1	49	23.0	22.6	0.259	0.284	0.170	0.186	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	132322	1745	50	24	23.0	22.8	0.263	0.275	0.172	0.180	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	132322	1745	1	49	23.0	22.6	0.191	0.209	0.119	0.130	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	132322	1745	50	24	23.0	22.8	0.195	0.204	0.122	0.128	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	132072	1720	1	49	23.0	22.8	0.723	0.757	0.435	0.456	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	132072	1720	50	24	23.0	22.8	0.732	0.766	0.442	0.463	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	132322	1745	1	49	23.0	22.6	0.733	0.804	0.440	0.482	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	132322	1745	50	24	23.0	22.8	0.761	0.797	0.457	0.479	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	132322	1745	100	0	23.0	22.6	0.760	0.833	0.454	0.498	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	132572	1770	1	49	23.0	22.5	0.796	0.893	0.472	0.530	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	132572	1770	50	24	23.0	22.5	0.812	0.911	0.481	0.540	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	132322	1745	1	49	23.0	22.6	0.538	0.590	0.270	0.296	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	132322	1745	50	24	23.0	22.8	0.545	0.571	0.270	0.283	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	132072	1720	1	49	22.0	21.0	0.512	0.645	0.223	0.281	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	132072	1720	50	24	22.0	21.1	0.519	0.639	0.238	0.293	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	132322	1745	1	49	22.0	21.0	0.633	0.797	0.278	0.350	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	132322	1745	50	24	22.0	21.1	0.644	0.792	0.284	0.349	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	132322	1745	100	0	22.0	21.1	0.557	0.685	0.250	0.308	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	132572	1770	1	49	22.0	20.9	0.685	0.882	0.302	0.389	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	132572	1770	50	24	22.0	21.0	0.711	0.895	0.312	0.393	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	132322	1745	1	49	22.0	21.0	0.248	0.312	0.144	0.181	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	132322	1745	50	24	22.0	21.1	0.255	0.314	0.148	0.182	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	132322	1745	1	49	22.0	21.0	0.318	0.400	0.142	0.179	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	132322	1745	50	24	22.0	21.1	0.328	0.404	0.146	0.180	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	132322	1745	1	49	22.0	21.0	0.022	0.028	0.012	0.015	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	132322	1745	50	24	22.0	21.1	0.022	0.027	0.012	0.015	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	132322	1745	1	49	22.0	21.0	0.365	0.460	0.191	0.240	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	132322	1745	50	24	22.0	21.1	0.374	0.460	0.196	0.241	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**RB Allocation**	**RB Offset**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 3	Head	QPSK	Mode A	0	Left Cheek	132322	1745	1	49	21.0	21.0	0.066	0.066	0.043	0.043	
ANT 3	Head	QPSK	Mode A	0	Left Cheek	132322	1745	50	24	21.0	21.0	0.067	0.067	0.044	0.044	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	132322	1745	1	49	21.0	21.0	0.034	0.034	0.023	0.023	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	132322	1745	50	24	21.0	21.0	0.034	0.034	0.024	0.024	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	132322	1745	1	49	21.0	21.0	0.035	0.035	0.023	0.023	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	132322	1745	50	24	21.0	21.0	0.036	0.036	0.023	0.023	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	132322	1745	1	49	21.0	21.0	0.034	0.034	0.021	0.021	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	132322	1745	50	24	21.0	21.0	0.035	0.035	0.022	0.022	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	132072	1720	1	49	20.7	20.5	0.646	0.676	0.325	0.340	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	132072	1720	50	24	20.7	20.5	0.663	0.694	0.334	0.350	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	132322	1745	1	49	20.7	20.4	0.738	0.791	0.368	0.394	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	132322	1745	50	24	20.7	20.5	0.745	0.780	0.372	0.390	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	132322	1745	100	0	20.7	20.4	0.749	0.803	0.374	0.401	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	132572	1770	1	49	20.7	20.3	0.840	**0.921**	0.414	0.454	50
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	132572	1770	50	24	20.7	20.5	0.866	0.907	0.427	0.447	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	132322	1745	1	49	20.7	20.4	0.324	0.347	0.180	0.193	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	132322	1745	50	24	20.7	20.5	0.329	0.345	0.183	0.192	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	132322	1745	1	49	20.7	20.4	0.257	0.275	0.145	0.155	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	132322	1745	50	24	20.7	20.5	0.266	0.279	0.149	0.156	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	132322	1745	1	49	20.7	20.4	0.365	0.391	0.204	0.219	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	132322	1745	50	24	20.7	20.5	0.365	0.382	0.204	0.214	

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 4	Head	QPSK	Mode A	0	Left Cheek	132072	1720	1	49	20.5	19.7	0.625	0.751	0.370	0.445	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	132072	1720	50	24	20.5	19.8	0.637	0.748	0.377	0.443	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	132322	1745	1	49	20.5	19.7	0.702	0.844	0.410	0.493	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	132322	1745	50	24	20.5	19.8	0.716	0.841	0.419	0.492	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	132322	1745	100	0	20.5	19.7	0.766	**0.921**	0.452	0.543	51
ANT 4	Head	QPSK	Mode A	0	Left Cheek	132572	1770	1	49	20.5	19.9	0.782	0.898	0.461	0.529	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	132572	1770	50	24	20.5	20.0	0.783	0.879	0.462	0.518	
ANT 4	Head	QPSK	Mode A	0	Left Tilt	132322	1745	1	49	20.5	19.7	0.423	0.509	0.227	0.273	
ANT 4	Head	QPSK	Mode A	0	Left Tilt	132322	1745	50	24	20.5	19.8	0.431	0.506	0.230	0.270	
ANT 4	Head	QPSK	Mode A	0	Right Cheek	132322	1745	1	49	20.5	19.7	0.298	0.358	0.185	0.222	
ANT 4	Head	QPSK	Mode A	0	Right Cheek	132322	1745	50	24	20.5	19.8	0.303	0.356	0.188	0.221	
ANT 4	Head	QPSK	Mode A	0	Right Tilt	132322	1745	1	49	20.5	19.7	0.201	0.242	0.121	0.145	
ANT 4	Head	QPSK	Mode A	0	Right Tilt	132322	1745	50	24	20.5	19.8	0.206	0.242	0.124	0.146	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	132072	1720	1	49	19.5	18.7	0.409	0.492	0.221	0.266	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	132072	1720	50	24	19.5	18.7	0.418	0.503	0.225	0.271	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	132322	1745	1	49	19.5	18.5	0.611	0.769	0.328	0.413	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	132322	1745	50	24	19.5	18.5	0.639	0.804	0.341	0.429	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	132322	1745	100	0	19.5	18.5	0.606	0.763	0.324	0.408	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	132572	1770	1	49	19.5	18.4	0.594	0.765	0.317	0.408	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	132572	1770	50	24	19.5	18.5	0.597	0.752	0.319	0.402	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Front	132322	1745	1	49	19.5	18.5	0.217	0.273	0.130	0.164	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Front	132322	1745	50	24	19.5	18.5	0.219	0.276	0.131	0.165	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Top	132322	1745	1	49	19.5	18.5	0.223	0.281	0.106	0.133	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Top	132322	1745	50	24	19.5	18.5	0.227	0.286	0.108	0.136	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	132322	1745	1	49	19.5	18.5	0.463	0.583	0.293	0.369	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	132322	1745	50	24	19.5	18.5	0.468	0.589	0.241	0.303	

10.19. LTE Band 71 (20MHz Bandwidth)

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	QPSK	Mode A	0	Left Cheek	133297	680.5	1	49	25.7	25.0	0.133	0.156	0.107	0.126	
ANT 1	Head	QPSK	Mode A	0	Left Cheek	133297	680.5	50	24	24.7	24.2	0.106	0.119	0.086	0.096	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	133297	680.5	1	49	25.7	25.0	0.070	0.082	0.058	0.068	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	133297	680.5	50	24	24.7	24.2	0.057	0.064	0.047	0.053	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	133297	680.5	1	49	25.7	25.0	0.126	0.148	0.101	0.119	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	133297	680.5	50	24	24.7	24.2	0.103	0.116	0.082	0.092	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	133297	680.5	1	49	25.7	25.0	0.084	0.099	0.070	0.082	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	133297	680.5	50	24	24.7	24.2	0.069	0.077	0.057	0.064	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	133297	680.5	1	49	25.7	25.0	0.297	0.349	0.191	0.224	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	133297	680.5	50	24	24.7	24.2	0.243	0.273	0.160	0.180	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	133297	680.5	1	49	25.7	25.0	0.187	0.220	0.132	0.155	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	133297	680.5	50	24	24.7	24.2	0.154	0.173	0.110	0.123	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	133297	680.5	1	49	25.7	25.0	0.485	**0.570**	0.329	0.387	52
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	133297	680.5	50	24	24.7	24.2	0.397	0.445	0.268	0.301	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	133297	680.5	1	49	25.7	25.0	0.099	0.116	0.047	0.055	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	133297	680.5	50	24	24.7	24.2	0.079	0.089	0.038	0.043	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	133297	680.5	1	49	25.7	25.0	0.248	0.291	0.167	0.196	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	133297	680.5	50	24	24.7	24.2	0.197	0.221	0.133	0.149	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**RB Allocation**	**RB Offset**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 2	Head	QPSK	Mode A	0	Left Cheek	133297	680.5	1	49	24.2	23.6	0.412	0.473	0.278	0.319	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	133297	680.5	50	24	23.7	23.3	0.367	0.402	0.247	0.271	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	133297	680.5	1	49	24.2	23.6	0.385	0.442	0.215	0.247	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	133297	680.5	50	24	23.7	23.3	0.354	0.388	0.195	0.214	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	133297	680.5	1	49	24.2	23.6	0.586	**0.673**	0.355	0.408	53
ANT 2	Head	QPSK	Mode A	0	Right Cheek	133297	680.5	50	24	23.7	23.3	0.539	0.591	0.326	0.357	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	133297	680.5	1	49	24.2	23.6	0.495	0.568	0.252	0.289	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	133297	680.5	50	24	23.7	23.3	0.459	0.503	0.232	0.254	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	133297	680.5	1	49	24.7	24.3	0.528	**0.579**	0.303	0.332	54
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	133297	680.5	50	24	23.7	23.0	0.431	0.506	0.248	0.291	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	133297	680.5	1	49	24.7	24.3	0.254	0.279	0.180	0.197	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	133297	680.5	50	24	23.7	23.0	0.208	0.244	0.147	0.173	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	133297	680.5	1	49	24.7	24.3	0.174	0.191	0.085	0.093	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	133297	680.5	50	24	23.7	23.0	0.142	0.167	0.070	0.082	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	133297	680.5	1	49	24.7	24.3	0.261	0.286	0.173	0.190	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	133297	680.5	50	24	23.7	23.0	0.212	0.249	0.141	0.166	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	133297	680.5	1	49	24.7	24.3	0.380	0.417	0.251	0.275	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	133297	680.5	50	24	23.7	23.0	0.308	0.362	0.203	0.239	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**RB Allocation**	**RB Offset**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 3	Head	QPSK	Mode A	0	Left Cheek	133297	680.5	1	49	25.4	24.9	0.054	0.061	0.042	0.047	
ANT 3	Head	QPSK	Mode A	0	Left Cheek	133297	680.5	50	24	24.4	24.1	0.043	0.046	0.033	0.035	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	133297	680.5	1	49	25.4	24.9	0.028	0.031	0.023	0.026	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	133297	680.5	50	24	24.4	24.1	0.024	0.026	0.019	0.020	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	133297	680.5	1	49	25.4	24.9	0.040	0.045	0.033	0.037	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	133297	680.5	50	24	24.4	24.1	0.032	0.034	0.026	0.028	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	133297	680.5	1	49	25.4	24.9	0.022	0.025	0.019	0.021	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	133297	680.5	50	24	24.4	24.1	0.017	0.018	0.015	0.016	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	133297	680.5	1	49	25.4	24.9	0.281	0.315	0.149	0.167	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	133297	680.5	50	24	24.4	24.1	0.233	0.250	0.123	0.132	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	133297	680.5	1	49	25.4	24.9	0.175	0.196	0.090	0.101	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	133297	680.5	50	24	24.4	24.1	0.145	0.155	0.074	0.079	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	133297	680.5	1	49	25.4	24.9	0.195	0.219	0.080	0.090	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	133297	680.5	50	24	24.4	24.1	0.160	0.171	0.065	0.070	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	133297	680.5	1	49	25.4	24.9	0.286	0.321	0.149	0.167	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	133297	680.5	50	24	24.4	24.1	0.236	0.253	0.121	0.130	

10.20. NR Band n5 (20MHz Bandwidth)

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	167300	836.5	1	53	25.7	25.6	0.169	0.173	0.129	0.132	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	167300	836.5	50	28	25.7	25.7	0.165	0.165	0.125	0.125	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	167300	836.5	1	53	25.7	25.6	0.078	0.080	0.063	0.064	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	167300	836.5	50	28	25.7	25.7	0.085	0.085	0.067	0.067	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	167300	836.5	1	53	25.7	25.6	0.131	0.134	0.105	0.107	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	167300	836.5	50	28	25.7	25.7	0.140	0.140	0.110	0.110	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	167300	836.5	1	53	25.7	25.6	0.082	0.084	0.064	0.065	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	167300	836.5	50	28	25.7	25.7	0.080	0.080	0.062	0.062	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	167300	836.5	1	53	25.7	25.6	0.631	0.646	0.407	0.416	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	167300	836.5	50	28	25.7	25.7	0.658	0.658	0.433	0.433	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	167300	836.5	1	53	25.7	25.6	0.364	0.372	0.252	0.258	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	167300	836.5	50	28	25.7	25.7	0.301	0.301	0.213	0.213	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	167300	836.5	1	53	25.7	25.6	0.276	0.282	0.177	0.181	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	167300	836.5	50	28	25.7	25.7	0.279	0.279	0.181	0.181	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	167300	836.5	1	53	25.7	25.6	0.193	0.197	0.090	0.092	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	167300	836.5	50	28	25.7	25.7	0.189	0.189	0.090	0.090	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	167300	836.5	1	53	25.7	25.6	0.249	0.255	0.165	0.169	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	167300	836.5	50	28	25.7	25.7	0.259	0.259	0.171	0.171	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	167300	836.5	1	53	23.5	22.8	0.413	0.485	0.299	0.351	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	167300	836.5	50	28	23.5	22.8	0.367	0.431	0.266	0.313	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	167300	836.5	1	53	23.5	22.8	0.238	0.280	0.154	0.181	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	167300	836.5	50	28	23.5	22.8	0.244	0.287	0.156	0.183	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	167300	836.5	1	53	23.5	22.8	0.768	**0.902**	0.510	0.599	55
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	167300	836.5	50	28	23.5	22.8	0.754	0.886	0.506	0.594	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	167300	836.5	1	53	23.5	22.8	0.427	0.502	0.243	0.286	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	167300	836.5	50	28	23.5	22.8	0.442	0.519	0.252	0.296	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	167300	836.5	1	53	25.2	24.9	0.584	0.626	0.353	0.378	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	167300	836.5	50	28	25.2	24.9	0.614	0.658	0.372	0.399	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	167300	836.5	1	53	25.2	24.9	0.285	0.305	0.188	0.201	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	167300	836.5	50	28	25.2	24.9	0.286	0.306	0.189	0.203	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	167300	836.5	1	53	25.2	24.9	0.141	0.151	0.075	0.080	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	167300	836.5	50	28	25.2	24.9	0.148	0.159	0.079	0.085	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	167300	836.5	1	53	25.2	24.9	0.116	0.124	0.075	0.080	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	167300	836.5	50	28	25.2	24.9	0.119	0.128	0.077	0.083	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	167300	836.5	1	53	25.2	24.9	0.250	0.268	0.164	0.176	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	167300	836.5	50	28	25.2	24.9	0.286	0.306	0.159	0.170	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	167300	836.5	1	53	25.4	25.1	0.087	0.094	0.066	0.071	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	167300	836.5	50	28	25.4	25.2	0.092	0.097	0.071	0.075	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	167300	836.5	1	53	25.4	25.1	0.042	0.045	0.034	0.037	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	167300	836.5	50	28	25.4	25.2	0.042	0.044	0.034	0.036	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	167300	836.5	1	53	25.4	25.1	0.064	0.069	0.052	0.056	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	167300	836.5	50	28	25.4	25.2	0.075	0.079	0.060	0.063	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	167300	836.5	1	53	25.4	25.1	0.040	0.043	0.032	0.035	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	167300	836.5	50	28	25.4	25.2	0.044	0.046	0.034	0.036	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	167300	836.5	1	53	25.4	25.1	0.656	**0.708**	0.350	0.378	56
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	167300	836.5	50	28	25.4	25.2	0.625	0.656	0.342	0.359	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	167300	836.5	1	53	25.4	25.1	0.348	0.375	0.179	0.193	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	167300	836.5	50	28	25.4	25.2	0.362	0.380	0.200	0.210	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	167300	836.5	1	53	25.4	25.1	0.358	0.386	0.147	0.159	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	167300	836.5	50	28	25.4	25.2	0.392	**0.411**	0.157	0.165	57
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	167300	836.5	1	53	25.4	25.1	0.373	0.402	0.135	0.146	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	167300	836.5	50	28	25.4	25.2	0.383	0.402	0.142	0.149	

10.21. NR Band n7 (40MHz Bandwidth)

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	507000	2535	1	108	23.0	22.8	0.075	0.079	0.044	0.046	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	507000	2535	108	54	23.0	22.7	0.080	0.086	0.046	0.049	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	507000	2535	1	108	23.0	22.8	0.038	0.040	0.019	0.020	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	507000	2535	108	54	23.0	22.7	0.036	0.039	0.019	0.020	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	507000	2535	1	108	23.0	22.8	0.182	0.191	0.099	0.104	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	507000	2535	108	54	23.0	22.7	0.178	0.191	0.097	0.104	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	507000	2535	1	108	23.0	22.8	0.057	0.060	0.028	0.029	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	507000	2535	108	54	23.0	22.7	0.060	0.064	0.030	0.032	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	507000	2535	1	108	20.0	19.8	0.528	0.553	0.232	0.243	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	507000	2535	108	54	20.0	19.7	0.481	0.515	0.215	0.230	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	507000	2535	1	108	20.0	19.8	0.340	0.356	0.159	0.166	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	507000	2535	108	54	20.0	19.7	0.354	0.379	0.164	0.176	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	507000	2535	1	108	20.0	19.8	0.892	0.934	0.367	0.384	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	507000	2535	108	54	20.0	19.7	0.848	0.909	0.349	0.374	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	507000	2535	1	108	20.0	19.8	0.276	0.289	0.111	0.116	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	507000	2535	108	54	20.0	19.7	0.265	0.284	0.108	0.116	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	507000	2535	1	108	20.0	19.8	0.113	0.118	0.050	0.052	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	507000	2535	108	54	20.0	19.7	0.109	0.117	0.048	0.051	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	507000	2535	1	108	17.0	16.1	0.550	0.677	0.217	0.267	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	507000	2535	108	54	17.0	16.1	0.512	0.630	0.203	0.250	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	507000	2535	1	108	17.0	16.1	0.706	0.869	0.267	0.328	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	507000	2535	108	54	17.0	16.1	0.699	0.860	0.265	0.326	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	507000	2535	1	108	17.0	16.1	0.745	**0.917**	0.292	0.359	58
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	507000	2535	108	54	17.0	16.1	0.718	0.883	0.282	0.347	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	507000	2535	1	108	17.0	16.1	0.468	0.576	0.175	0.215	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	507000	2535	108	54	17.0	16.1	0.459	0.565	0.172	0.212	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	507000	2535	1	108	19.0	18.2	0.789	0.840	0.312	0.329	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	507000	2535	108	54	19.0	18.1	0.809	0.853	0.318	0.335	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	507000	2535	1	108	19.0	18.2	0.389	0.468	0.163	0.196	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	507000	2535	108	54	19.0	18.1	0.416	0.512	0.173	0.213	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	507000	2535	1	108	19.0	18.2	0.747	0.898	0.272	0.327	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	507000	2535	108	54	19.0	18.1	0.628	0.773	0.233	0.287	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	507000	2535	1	108	19.0	18.2	0.021	0.025	0.010	0.012	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	507000	2535	108	54	19.0	18.1	0.020	0.025	0.010	0.012	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	507000	2535	1	108	19.0	18.2	0.746	0.897	0.327	0.393	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	507000	2535	108	54	19.0	18.1	0.729	0.897	0.319	0.392	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	507000	2535	1	108	20.2	20.2	0.144	0.144	0.074	0.074	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	507000	2535	108	54	20.2	20.2	0.130	0.130	0.067	0.067	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	507000	2535	1	108	20.2	20.2	0.061	0.061	0.031	0.031	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	507000	2535	108	54	20.2	20.2	0.061	0.061	0.032	0.032	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	507000	2535	1	108	20.2	20.2	0.072	0.072	0.039	0.039	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	507000	2535	108	54	20.2	20.2	0.065	0.065	0.034	0.034	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	507000	2535	1	108	20.2	20.2	0.104	0.104	0.052	0.052	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	507000	2535	108	54	20.2	20.2	0.104	0.104	0.052	0.052	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	507000	2535	1	108	19.2	18.2	0.703	**0.885**	0.321	0.404	59
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	507000	2535	108	54	19.2	18.3	0.663	0.816	0.300	0.369	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	507000	2535	1	108	19.2	18.2	0.458	0.577	0.226	0.285	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	507000	2535	108	54	19.2	18.3	0.356	0.438	0.173	0.213	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	507000	2535	1	108	19.2	18.2	0.076	0.096	0.037	0.047	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	507000	2535	108	54	19.2	18.3	0.064	0.079	0.031	0.038	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	507000	2535	1	108	19.2	18.2	0.742	**0.934**	0.327	0.412	60
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	507000	2535	108	54	19.2	18.3	0.713	0.877	0.314	0.386	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	507000	2535	1	108	19.2	18.4	0.752	0.904	0.318	0.382	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	507000	2535	108	54	19.2	18.3	0.724	0.891	0.306	0.376	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	507000	2535	1	108	19.2	18.4	0.235	0.283	0.113	0.136	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	507000	2535	108	54	19.2	18.3	0.192	0.236	0.096	0.118	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	507000	2535	1	108	19.2	18.4	0.176	0.212	0.093	0.112	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	507000	2535	108	54	19.2	18.3	0.145	0.178	0.078	0.096	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	507000	2535	1	108	19.2	18.4	0.084	0.101	0.041	0.049	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	507000	2535	108	54	19.2	18.3	0.054	0.066	0.027	0.033	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	507000	2535	1	108	18.2	17.4	0.537	0.646	0.237	0.285	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	507000	2535	108	54	18.2	17.3	0.458	0.563	0.205	0.252	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	507000	2535	1	108	18.2	17.4	0.279	0.335	0.126	0.151	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	507000	2535	108	54	18.2	17.3	0.279	0.343	0.127	0.156	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	507000	2535	1	108	18.2	17.4	0.055	0.066	0.025	0.030	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	507000	2535	108	54	18.2	17.3	0.051	0.063	0.023	0.028	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	507000	2535	1	108	18.2	17.4	0.754	0.907	0.307	0.369	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	507000	2535	108	54	18.2	17.3	0.726	0.893	0.299	0.368	

10.22. NR Band n12 (15MHz Bandwidth)

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	141500	707.5	1	39	25.7	25.4	0.130	0.139	0.104	0.111	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	141500	707.5	36	22	25.7	25.4	0.125	0.134	0.100	0.107	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	141500	707.5	1	39	25.7	25.4	0.070	0.075	0.058	0.062	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	141500	707.5	36	22	25.7	25.4	0.068	0.073	0.056	0.060	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	141500	707.5	1	39	25.7	25.4	0.143	0.153	0.114	0.122	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	141500	707.5	36	22	25.7	25.4	0.133	0.143	0.105	0.113	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	141500	707.5	1	39	25.7	25.4	0.088	0.094	0.070	0.075	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	141500	707.5	36	22	25.7	25.4	0.085	0.091	0.068	0.073	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	141500	707.5	1	39	25.7	25.4	0.355	0.380	0.235	0.252	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	141500	707.5	36	22	25.7	25.4	0.347	0.372	0.230	0.246	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	141500	707.5	1	39	25.7	25.4	0.199	0.213	0.134	0.144	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	141500	707.5	36	22	25.7	25.4	0.193	0.207	0.131	0.140	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	141500	707.5	1	39	25.7	25.4	0.700	**0.750**	0.454	0.486	61
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	141500	707.5	36	22	25.7	25.4	0.678	0.726	0.441	0.473	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	141500	707.5	1	39	25.7	25.4	0.167	0.179	0.077	0.083	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	141500	707.5	36	22	25.7	25.4	0.171	0.183	0.078	0.084	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	141500	707.5	1	39	25.7	25.4	0.375	0.402	0.246	0.264	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	141500	707.5	36	22	25.7	25.4	0.359	0.385	0.235	0.252	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**RB Allocation**	**RB Offset**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	141500	707.5	1	39	24.2	23.9	0.443	0.475	0.280	0.300	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	141500	707.5	36	22	24.2	23.9	0.482	0.516	0.335	0.359	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	141500	707.5	1	39	24.2	23.9	0.316	0.339	0.185	0.198	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	141500	707.5	36	22	24.2	23.9	0.329	0.353	0.193	0.207	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	141500	707.5	1	39	24.2	23.9	0.644	**0.690**	0.394	0.422	62
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	141500	707.5	36	22	24.2	23.9	0.622	0.666	0.391	0.419	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	141500	707.5	1	39	24.2	23.9	0.503	0.539	0.266	0.285	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	141500	707.5	36	22	24.2	23.9	0.470	0.504	0.255	0.273	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	141500	707.5	1	39	24.7	24.4	0.462	**0.495**	0.270	0.289	63
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	141500	707.5	36	22	24.7	24.5	0.425	0.445	0.254	0.266	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	141500	707.5	1	39	24.7	24.4	0.283	0.303	0.178	0.191	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	141500	707.5	36	22	24.7	24.5	0.255	0.267	0.160	0.168	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	141500	707.5	1	39	24.7	24.4	0.139	0.149	0.071	0.076	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	141500	707.5	36	22	24.7	24.5	0.154	0.161	0.077	0.081	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	141500	707.5	1	39	24.7	24.4	0.231	0.248	0.153	0.164	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	141500	707.5	36	22	24.7	24.5	0.243	0.254	0.161	0.169	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	141500	707.5	1	39	24.7	24.4	0.434	0.465	0.285	0.305	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	141500	707.5	36	22	24.7	24.5	0.424	0.444	0.279	0.292	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**RB Allocation**	**RB Offset**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	141500	707.5	1	39	25.4	25.0	0.043	0.047	0.033	0.036	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	141500	707.5	36	22	25.4	24.8	0.039	0.045	0.030	0.034	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	141500	707.5	1	39	25.4	25.0	0.021	0.023	0.017	0.019	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	141500	707.5	36	22	25.4	24.8	0.020	0.023	0.016	0.018	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	141500	707.5	1	39	25.4	25.0	0.058	0.064	0.046	0.050	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	141500	707.5	36	22	25.4	24.8	0.056	0.064	0.045	0.052	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	141500	707.5	1	39	25.4	25.0	0.019	0.021	0.015	0.016	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	141500	707.5	36	22	25.4	24.8	0.019	0.022	0.015	0.017	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	141500	707.5	1	39	25.4	25.0	0.317	0.348	0.168	0.184	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	141500	707.5	36	22	25.4	24.8	0.295	0.339	0.155	0.178	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	141500	707.5	1	39	25.4	25.0	0.154	0.169	0.088	0.096	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	141500	707.5	36	22	25.4	24.8	0.137	0.157	0.080	0.092	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	141500	707.5	1	39	25.4	25.0	0.184	0.202	0.076	0.083	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	141500	707.5	36	22	25.4	24.8	0.161	0.185	0.070	0.080	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	141500	707.5	1	39	25.4	25.0	0.305	0.334	0.202	0.221	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	141500	707.5	36	22	25.4	24.8	0.294	0.338	0.196	0.225	

10.23. NR Band n14 (10MHz Bandwidth)

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	158600	793	1	26	25.7	25.5	0.148	0.155	0.116	0.121	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	158600	793	25	14	25.7	25.5	0.149	0.156	0.116	0.121	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	158600	793	1	26	25.7	25.5	0.091	0.095	0.073	0.076	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	158600	793	25	14	25.7	25.5	0.085	0.089	0.069	0.072	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	158600	793	1	26	25.7	25.5	0.182	0.191	0.140	0.147	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	158600	793	25	14	25.7	25.5	0.179	0.187	0.137	0.143	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	158600	793	1	26	25.7	25.5	0.106	0.111	0.083	0.087	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	158600	793	25	14	25.7	25.5	0.104	0.109	0.082	0.086	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	158600	793	1	26	25.7	25.5	0.427	0.447	0.278	0.291	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	158600	793	25	14	25.7	25.5	0.414	0.434	0.270	0.283	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	158600	793	1	26	25.7	25.5	0.255	0.267	0.163	0.171	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	158600	793	25	14	25.7	25.5	0.254	0.266	0.161	0.169	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	158600	793	1	26	25.7	25.5	0.590	**0.618**	0.379	0.397	64
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	158600	793	25	14	25.7	25.5	0.570	0.597	0.368	0.385	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	158600	793	1	26	25.7	25.5	0.301	0.315	0.139	0.146	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	158600	793	25	14	25.7	25.5	0.282	0.295	0.131	0.137	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	158600	793	1	26	25.7	25.5	0.238	0.249	0.160	0.168	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	158600	793	25	14	25.7	25.5	0.232	0.243	0.155	0.162	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	158600	793	1	26	23.7	22.8	0.428	0.527	0.307	0.378	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	158600	793	25	14	23.7	22.8	0.463	0.570	0.332	0.408	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	158600	793	1	26	23.7	22.8	0.316	0.389	0.184	0.226	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	158600	793	25	14	23.7	22.8	0.344	0.423	0.205	0.252	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	158600	793	1	26	23.7	22.8	0.713	**0.877**	0.455	0.560	65
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	158600	793	25	14	23.7	22.8	0.614	0.755	0.406	0.499	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	158600	793	1	26	23.7	22.8	0.446	0.549	0.245	0.301	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	158600	793	25	14	23.7	22.8	0.426	0.524	0.237	0.292	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	158600	793	1	26	24.7	24.6	0.682	0.698	0.405	0.414	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	158600	793	25	14	24.7	24.5	0.703	**0.736**	0.420	0.440	66
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	158600	793	1	26	24.7	24.6	0.357	0.365	0.215	0.220	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	158600	793	25	14	24.7	24.5	0.277	0.290	0.168	0.176	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	158600	793	1	26	24.7	24.6	0.178	0.182	0.092	0.094	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	158600	793	25	14	24.7	24.5	0.197	0.206	0.098	0.103	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	158600	793	1	26	24.7	24.6	0.134	0.137	0.088	0.090	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	158600	793	25	14	24.7	24.5	0.129	0.135	0.083	0.087	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	158600	793	1	26	24.7	24.6	0.175	0.179	0.114	0.117	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	158600	793	25	14	24.7	24.5	0.171	0.179	0.112	0.117	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	158600	793	1	26	25.4	25.1	0.086	0.092	0.066	0.071	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	158600	793	25	14	25.4	25.0	0.086	0.094	0.065	0.071	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	158600	793	1	26	25.4	25.1	0.044	0.047	0.035	0.038	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	158600	793	25	14	25.4	25.0	0.043	0.047	0.034	0.037	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	158600	793	1	26	25.4	25.1	0.080	0.086	0.062	0.066	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	158600	793	25	14	25.4	25.0	0.077	0.084	0.059	0.065	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	158600	793	1	26	25.4	25.1	0.048	0.051	0.037	0.040	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	158600	793	25	14	25.4	25.0	0.040	0.044	0.031	0.034	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	158600	793	1	26	25.4	25.1	0.503	0.539	0.269	0.288	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	158600	793	25	14	25.4	25.0	0.482	0.529	0.263	0.288	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	158600	793	1	26	25.4	25.1	0.212	0.227	0.119	0.128	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	158600	793	25	14	25.4	25.0	0.236	0.259	0.135	0.148	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	158600	793	1	26	25.4	25.1	0.246	0.264	0.106	0.114	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	158600	793	25	14	25.4	25.0	0.210	0.230	0.092	0.101	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	158600	793	1	26	25.4	25.1	0.335	0.359	0.219	0.235	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	158600	793	25	14	25.4	25.0	0.322	0.353	0.210	0.230	

10.24. NR Band n25 (40MHz Bandwidth)

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	376500	1882.5	1	108	24.5	24.4	0.046	0.047	0.031	0.032	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	376500	1882.5	108	54	24.5	24.5	0.043	0.043	0.029	0.029	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	376500	1882.5	1	108	24.5	24.4	0.051	0.052	0.032	0.033	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	376500	1882.5	108	54	24.5	24.5	0.050	0.050	0.031	0.031	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	376500	1882.5	1	108	24.5	24.4	0.114	0.117	0.071	0.073	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	376500	1882.5	108	54	24.5	24.5	0.114	0.114	0.071	0.071	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	376500	1882.5	1	108	24.5	24.4	0.046	0.047	0.031	0.032	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	376500	1882.5	108	54	24.5	24.5	0.044	0.044	0.030	0.030	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	376500	1882.5	1	108	22.0	21.5	0.802	0.900	0.350	0.393	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	376500	1882.5	108	54	22.0	21.5	0.777	0.872	0.339	0.380	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	376500	1882.5	1	108	22.0	21.5	0.270	0.303	0.147	0.165	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	376500	1882.5	108	54	22.0	21.5	0.277	0.311	0.152	0.171	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	376500	1882.5	1	108	22.0	21.5	0.364	0.408	0.168	0.188	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	376500	1882.5	108	54	22.0	21.5	0.373	0.419	0.172	0.193	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	376500	1882.5	1	108	22.0	21.5	0.398	0.447	0.198	0.222	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	376500	1882.5	108	54	22.0	21.5	0.398	0.447	0.197	0.221	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	376500	1882.5	1	108	22.0	21.5	0.040	0.045	0.021	0.024	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	376500	1882.5	108	54	22.0	21.5	0.039	0.044	0.021	0.024	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**RB Allocation**	**RB Offset**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	376500	1882.5	1	108	19.5	18.5	0.143	0.180	0.081	0.102	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	376500	1882.5	108	54	19.5	18.5	0.142	0.179	0.084	0.106	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	376500	1882.5	1	108	19.5	18.5	0.136	0.171	0.072	0.091	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	376500	1882.5	108	54	19.5	18.5	0.131	0.165	0.071	0.089	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	376500	1882.5	1	108	19.5	18.5	0.648	0.816	0.335	0.422	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	376500	1882.5	108	54	19.5	18.5	0.704	0.886	0.350	0.441	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	376500	1882.5	1	108	19.5	18.5	0.554	0.697	0.256	0.322	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	376500	1882.5	108	54	19.5	18.5	0.555	0.699	0.257	0.324	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	376500	1882.5	1	108	19.2	18.2	0.703	0.885	0.322	0.405	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	376500	1882.5	108	54	19.2	18.2	0.705	0.888	0.324	0.408	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	376500	1882.5	1	108	19.2	18.2	0.280	0.352	0.140	0.176	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	376500	1882.5	108	54	19.2	18.2	0.257	0.324	0.130	0.164	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	376500	1882.5	1	108	19.2	18.2	0.309	0.389	0.126	0.159	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	376500	1882.5	108	54	19.2	18.2	0.310	0.390	0.126	0.159	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	376500	1882.5	1	108	19.2	18.2	0.007	0.009	0.003	0.004	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	376500	1882.5	108	54	19.2	18.2	0.004	0.005	0.002	0.003	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	376500	1882.5	1	108	19.2	18.2	0.512	0.645	0.249	0.313	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	376500	1882.5	108	54	19.2	18.2	0.509	0.641	0.247	0.311	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**RB Allocation**	**RB Offset**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	376500	1882.5	1	108	21.2	21.2	0.117	0.117	0.071	0.071	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	376500	1882.5	108	54	21.2	21.2	0.119	0.119	0.072	0.072	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	376500	1882.5	1	108	21.2	21.2	0.072	0.072	0.047	0.047	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	376500	1882.5	108	54	21.2	21.2	0.077	0.077	0.050	0.050	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	376500	1882.5	1	108	21.2	21.2	0.081	0.081	0.052	0.052	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	376500	1882.5	108	54	21.2	21.2	0.081	0.081	0.052	0.052	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	376500	1882.5	1	108	21.2	21.2	0.075	0.075	0.044	0.044	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	376500	1882.5	108	54	21.2	21.2	0.074	0.074	0.044	0.044	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	376500	1882.5	1	108	20.5	19.5	0.696	0.876	0.369	0.465	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	376500	1882.5	108	54	20.5	19.5	0.649	0.817	0.346	0.436	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	376500	1882.5	1	108	20.5	19.5	0.252	0.317	0.150	0.189	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	376500	1882.5	108	54	20.5	19.5	0.241	0.303	0.144	0.181	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	376500	1882.5	1	108	20.5	19.5	0.080	0.101	0.039	0.049	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	376500	1882.5	108	54	20.5	19.5	0.085	0.107	0.041	0.052	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	376500	1882.5	1	108	20.5	19.5	0.382	0.481	0.190	0.239	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	376500	1882.5	108	54	20.5	19.5	0.336	0.423	0.180	0.227	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**RB Allocation**	**RB Offset**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	376500	1882.5	1	108	19.2	18.2	0.728	**0.916**	0.379	0.477	67
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	376500	1882.5	108	54	19.2	18.2	0.681	0.857	0.361	0.454	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	376500	1882.5	1	108	19.2	18.2	0.451	0.568	0.237	0.298	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	376500	1882.5	108	54	19.2	18.2	0.452	0.569	0.247	0.311	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	376500	1882.5	1	108	19.2	18.2	0.214	0.269	0.137	0.172	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	376500	1882.5	108	54	19.2	18.2	0.242	0.305	0.152	0.191	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	376500	1882.5	1	108	19.2	18.2	0.174	0.219	0.103	0.130	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	376500	1882.5	108	54	19.2	18.2	0.193	0.243	0.114	0.144	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	376500	1882.5	1	108	20.2	19.9	0.875	**0.938**	0.460	0.493	68
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	376500	1882.5	108	54	20.2	19.8	0.841	0.922	0.444	0.487	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	376500	1882.5	1	108	20.2	19.9	0.318	0.341	0.189	0.203	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	376500	1882.5	108	54	20.2	19.8	0.308	0.338	0.183	0.201	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	376500	1882.5	1	108	20.2	19.9	0.237	0.254	0.124	0.133	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	376500	1882.5	108	54	20.2	19.8	0.221	0.242	0.096	0.105	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	376500	1882.5	1	108	20.2	19.9	0.641	0.687	0.308	0.330	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	376500	1882.5	108	54	20.2	19.8	0.636	**0.697**	0.317	0.348	69

10.25. NR Band n26 (20MHz Bandwidth)

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	166300	831.5	1	53	25.7	25.5	0.154	0.161	0.120	0.126	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	166300	831.5	50	28	25.7	25.4	0.152	0.163	0.118	0.126	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	166300	831.5	1	53	25.7	25.5	0.076	0.080	0.060	0.063	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	166300	831.5	50	28	25.7	25.4	0.074	0.079	0.058	0.062	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	166300	831.5	1	53	25.7	25.5	0.143	0.150	0.113	0.118	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	166300	831.5	50	28	25.7	25.4	0.133	0.143	0.105	0.113	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	166300	831.5	1	53	25.7	25.5	0.083	0.087	0.064	0.067	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	166300	831.5	50	28	25.7	25.4	0.078	0.084	0.060	0.064	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	166300	831.5	1	53	25.7	25.5	0.593	0.621	0.385	0.403	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	166300	831.5	50	28	25.7	25.4	0.592	**0.634**	0.387	0.415	70
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	166300	831.5	1	53	25.7	25.5	0.297	0.311	0.210	0.220	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	166300	831.5	50	28	25.7	25.4	0.280	0.300	0.197	0.211	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	166300	831.5	1	53	25.7	25.5	0.296	**0.310**	0.192	0.201	71
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	166300	831.5	50	28	25.7	25.4	0.265	0.284	0.173	0.185	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	166300	831.5	1	53	25.7	25.5	0.207	0.217	0.098	0.103	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	166300	831.5	50	28	25.7	25.4	0.204	0.219	0.095	0.102	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	166300	831.5	1	53	25.7	25.5	0.240	0.251	0.158	0.165	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	166300	831.5	50	28	25.7	25.4	0.240	0.257	0.158	0.169	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**RB Allocation**	**RB Offset**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	166300	831.5	1	53	23.5	22.6	0.415	0.511	0.297	0.365	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	166300	831.5	50	28	23.5	22.6	0.285	0.351	0.172	0.212	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	166300	831.5	1	53	23.5	22.6	0.317	0.390	0.182	0.224	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	166300	831.5	50	28	23.5	22.6	0.285	0.351	0.172	0.212	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	166300	831.5	1	53	23.5	22.6	0.627	**0.771**	0.431	0.530	72
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	166300	831.5	50	28	23.5	22.6	0.617	0.759	0.415	0.511	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	166300	831.5	1	53	23.5	22.6	0.378	0.465	0.223	0.274	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	166300	831.5	50	28	23.5	22.6	0.331	0.407	0.190	0.234	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	166300	831.5	1	53	24.7	24.6	0.466	0.477	0.286	0.293	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	166300	831.5	50	28	24.7	24.6	0.532	0.544	0.334	0.342	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	166300	831.5	1	53	24.7	24.6	0.261	0.267	0.177	0.181	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	166300	831.5	50	28	24.7	24.6	0.254	0.260	0.172	0.176	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	166300	831.5	1	53	24.7	24.6	0.142	0.145	0.073	0.075	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	166300	831.5	50	28	24.7	24.6	0.196	0.201	0.095	0.097	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	166300	831.5	1	53	24.7	24.6	0.103	0.105	0.066	0.068	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	166300	831.5	50	28	24.7	24.6	0.100	0.102	0.064	0.065	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	166300	831.5	1	53	24.7	24.6	0.155	0.159	0.092	0.094	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	166300	831.5	50	28	24.7	24.6	0.158	0.162	0.094	0.096	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**RB Allocation**	**RB Offset**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	166300	831.5	1	53	25.4	25.2	0.100	0.105	0.077	0.081	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	166300	831.5	50	28	25.4	25.3	0.097	0.099	0.074	0.076	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	166300	831.5	1	53	25.4	25.2	0.048	0.050	0.038	0.040	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	166300	831.5	50	28	25.4	25.3	0.044	0.045	0.035	0.036	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	166300	831.5	1	53	25.4	25.2	0.074	0.077	0.059	0.062	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	166300	831.5	50	28	25.4	25.3	0.073	0.075	0.058	0.059	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	166300	831.5	1	53	25.4	25.2	0.047	0.049	0.037	0.039	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	166300	831.5	50	28	25.4	25.3	0.043	0.044	0.033	0.034	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	166300	831.5	1	53	25.4	25.2	0.413	0.432	0.239	0.250	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	166300	831.5	50	28	25.4	25.3	0.367	0.376	0.217	0.222	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	166300	831.5	1	53	25.4	25.2	0.323	0.338	0.185	0.194	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	166300	831.5	50	28	25.4	25.3	0.251	0.257	0.151	0.155	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	166300	831.5	1	53	25.4	25.2	0.235	0.246	0.093	0.097	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	166300	831.5	50	28	25.4	25.3	0.269	0.275	0.102	0.104	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	166300	831.5	1	53	25.4	25.2	0.275	0.288	0.111	0.116	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	166300	831.5	50	28	25.4	25.3	0.244	0.250	0.161	0.165	

10.26. NR Band n30 (10MHz Bandwidth)

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	462000	2310	1	26	22.2	22.2	0.099	0.099	0.059	0.059	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	462000	2310	25	14	22.2	22.1	0.102	0.104	0.062	0.063	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	462000	2310	1	26	22.2	22.2	0.052	0.052	0.029	0.029	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	462000	2310	25	14	22.2	22.1	0.062	0.063	0.034	0.035	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	462000	2310	1	26	22.2	22.2	0.165	0.165	0.092	0.092	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	462000	2310	25	14	22.2	22.1	0.166	0.170	0.092	0.094	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	462000	2310	1	26	22.2	22.2	0.044	0.044	0.024	0.024	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	462000	2310	25	14	22.2	22.1	0.057	0.058	0.032	0.033	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	462000	2310	1	26	20.0	19.1	0.458	0.563	0.198	0.244	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	462000	2310	25	14	20.0	19.1	0.482	0.593	0.208	0.256	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	462000	2310	1	26	20.0	19.1	0.345	0.424	0.168	0.207	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	462000	2310	25	14	20.0	19.1	0.331	0.407	0.163	0.201	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	462000	2310	1	26	20.0	19.1	0.746	0.918	0.327	0.402	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	462000	2310	25	14	20.0	19.1	0.721	0.887	0.317	0.390	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	462000	2310	1	26	20.0	19.1	0.269	0.331	0.112	0.138	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	462000	2310	25	14	20.0	19.1	0.250	0.308	0.014	0.017	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	462000	2310	1	26	20.0	19.1	0.046	0.057	0.021	0.026	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	462000	2310	25	14	20.0	19.1	0.048	0.059	0.022	0.027	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	462000	2310	1	26	19.5	18.6	0.438	0.539	0.183	0.225	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	462000	2310	25	14	19.5	18.6	0.433	0.533	0.182	0.224	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	462000	2310	1	26	19.5	18.6	0.549	0.675	0.222	0.273	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	462000	2310	25	14	19.5	18.6	0.533	0.656	0.217	0.267	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	462000	2310	1	26	19.5	18.6	0.765	**0.941**	0.291	0.358	73
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	462000	2310	25	14	19.5	18.6	0.743	0.914	0.326	0.401	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	462000	2310	1	26	19.5	18.6	0.594	0.731	0.255	0.314	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	462000	2310	25	14	19.5	18.6	0.581	0.715	0.249	0.306	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	462000	2310	1	26	19.7	19.5	0.802	0.840	0.356	0.373	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	462000	2310	25	14	19.7	19.4	0.755	0.809	0.337	0.361	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	462000	2310	1	26	19.7	19.5	0.365	0.382	0.175	0.183	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	462000	2310	25	14	19.7	19.4	0.362	0.388	0.174	0.186	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	462000	2310	1	26	19.7	19.5	0.353	0.370	0.142	0.149	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	462000	2310	25	14	19.7	19.4	0.339	0.363	0.137	0.147	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	462000	2310	1	26	19.7	19.5	0.053	0.055	0.023	0.024	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	462000	2310	25	14	19.7	19.4	0.051	0.055	0.022	0.024	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	462000	2310	1	26	19.7	19.5	0.864	0.905	0.390	0.408	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	462000	2310	25	14	19.7	19.4	0.846	0.907	0.382	0.409	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	462000	2310	1	26	21.0	21.0	0.158	0.158	0.088	0.088	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	462000	2310	25	14	21.0	21.0	0.143	0.143	0.081	0.081	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	462000	2310	1	26	21.0	21.0	0.063	0.063	0.032	0.032	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	462000	2310	25	14	21.0	21.0	0.058	0.058	0.031	0.031	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	462000	2310	1	26	21.0	21.0	0.074	0.074	0.044	0.044	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	462000	2310	25	14	21.0	21.0	0.063	0.063	0.036	0.036	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	462000	2310	1	26	21.0	21.0	0.084	0.084	0.044	0.044	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	462000	2310	25	14	21.0	21.0	0.085	0.085	0.045	0.045	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	462000	2310	1	26	20.2	19.7	0.819	**0.919**	0.348	0.390	74
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	462000	2310	25	14	20.2	19.7	0.809	0.908	0.347	0.389	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	462000	2310	1	26	20.2	19.7	0.565	0.634	0.287	0.322	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	462000	2310	25	14	20.2	19.7	0.519	0.582	0.266	0.298	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	462000	2310	1	26	20.2	19.7	0.282	0.316	0.143	0.160	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	462000	2310	25	14	20.2	19.7	0.262	0.294	0.134	0.150	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	462000	2310	1	26	20.2	19.7	0.523	0.587	0.255	0.286	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	462000	2310	25	14	20.2	19.7	0.491	0.551	0.242	0.272	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	462000	2310	1	26	21.5	21.0	0.787	0.883	0.412	0.462	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	462000	2310	25	14	21.5	20.9	0.782	0.898	0.409	0.470	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	462000	2310	1	26	21.5	21.0	0.369	0.414	0.186	0.209	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	462000	2310	25	14	21.5	20.9	0.363	0.417	0.184	0.211	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	462000	2310	1	26	21.5	21.0	0.305	0.342	0.179	0.201	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	462000	2310	25	14	21.5	20.9	0.305	0.350	0.178	0.204	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	462000	2310	1	26	21.5	21.0	0.148	0.166	0.075	0.084	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	462000	2310	25	14	21.5	20.9	0.143	0.164	0.072	0.083	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	462000	2310	1	26	19.0	18.2	0.601	0.723	0.282	0.339	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	462000	2310	25	14	19.0	18.0	0.560	0.705	0.264	0.332	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	462000	2310	1	26	19.0	18.2	0.309	0.371	0.153	0.184	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	462000	2310	25	14	19.0	18.0	0.295	0.371	0.146	0.184	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	462000	2310	1	26	19.0	18.2	0.064	0.077	0.029	0.035	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	462000	2310	25	14	19.0	18.0	0.060	0.076	0.028	0.035	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	462000	2310	1	26	19.0	18.2	0.718	0.863	0.321	0.386	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	462000	2310	25	14	19.0	18.0	0.731	**0.920**	0.326	0.410	75

10.27. NR Band n41 PC3 (100MHz Bandwidth)

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	518598	2592.99	1	136	23.2	23.1	0.048	0.049	0.028	0.029	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	518598	2592.99	135	69	23.2	23.0	0.044	0.046	0.025	0.026	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	518598	2592.99	1	136	23.2	23.1	0.034	0.035	0.017	0.017	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	518598	2592.99	135	69	23.2	23.0	0.030	0.031	0.013	0.014	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	518598	2592.99	1	136	23.2	23.1	0.120	0.123	0.066	0.068	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	518598	2592.99	135	69	23.2	23.0	0.114	0.119	0.063	0.066	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	518598	2592.99	1	136	23.2	23.1	0.066	0.068	0.030	0.031	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	518598	2592.99	135	69	23.2	23.0	0.063	0.066	0.029	0.030	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	518598	2592.99	1	136	20.0	19.1	0.448	0.551	0.203	0.250	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	518598	2592.99	135	69	20.0	19.2	0.437	0.525	0.200	0.240	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	518598	2592.99	1	136	20.0	19.1	0.242	0.298	0.117	0.144	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	518598	2592.99	135	69	20.0	19.2	0.208	0.250	0.081	0.097	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	518598	2592.99	1	136	20.0	19.1	0.730	**0.898**	0.295	0.363	76
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	518598	2592.99	135	69	20.0	19.2	0.695	0.836	0.285	0.343	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	518598	2592.99	1	136	20.0	19.1	0.249	0.306	0.095	0.117	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	518598	2592.99	135	69	20.0	19.2	0.251	0.302	0.096	0.115	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	518598	2592.99	1	136	20.0	19.1	0.160	0.197	0.071	0.087	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	518598	2592.99	135	69	20.0	19.2	0.170	0.204	0.074	0.089	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**RB Allocation**	**RB Offset**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	518598	2592.99	1	136	16.5	15.6	0.448	0.551	0.169	0.208	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	518598	2592.99	135	69	16.5	15.6	0.436	0.536	0.165	0.203	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	518598	2592.99	1	136	16.5	15.6	0.421	0.518	0.158	0.194	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	518598	2592.99	135	69	16.5	15.6	0.477	0.587	0.177	0.218	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	518598	2592.99	1	136	16.5	15.6	0.728	0.896	0.290	0.357	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	518598	2592.99	135	69	16.5	15.6	0.731	0.899	0.292	0.359	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	518598	2592.99	1	136	16.5	15.6	0.515	0.634	0.196	0.241	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	518598	2592.99	135	69	16.5	15.6	0.524	0.645	0.198	0.244	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	518598	2592.99	1	136	18.5	18.5	0.894	0.894	0.352	0.352	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	518598	2592.99	135	69	18.5	18.5	0.917	**0.917**	0.359	0.359	77
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	518598	2592.99	1	136	18.5	18.5	0.471	0.471	0.185	0.185	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	518598	2592.99	135	69	18.5	18.5	0.514	0.514	0.200	0.200	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	518598	2592.99	1	136	18.5	18.5	0.633	0.633	0.219	0.219	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	518598	2592.99	135	69	18.5	18.5	0.771	0.771	0.260	0.260	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	518598	2592.99	1	136	18.5	18.5	0.014	0.014	0.006	0.006	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	518598	2592.99	135	69	18.5	18.5	0.014	0.014	0.007	0.007	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	518598	2592.99	1	136	18.5	18.5	0.674	0.674	0.292	0.292	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	518598	2592.99	135	69	18.5	18.5	0.653	0.653	0.283	0.283	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**RB Allocation**	**RB Offset**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	518598	2592.99	1	136	20.7	20.7	0.028	0.028	0.014	0.014	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	518598	2592.99	135	69	20.7	20.6	0.027	0.028	0.012	0.012	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	518598	2592.99	1	136	20.7	20.7	0.018	0.018	0.008	0.008	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	518598	2592.99	135	69	20.7	20.6	0.017	0.017	0.007	0.007	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	518598	2592.99	1	136	20.7	20.7	0.007	0.007	0.003	0.003	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	518598	2592.99	135	69	20.7	20.6	0.004	0.004	0.000	0.000	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	518598	2592.99	1	136	20.7	20.7	0.033	0.033	0.015	0.015	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	518598	2592.99	135	69	20.7	20.6	0.034	0.035	0.015	0.015	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	518598	2592.99	1	136	19.8	18.8	0.161	0.203	0.081	0.102	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	518598	2592.99	135	69	19.8	18.7	0.169	0.218	0.084	0.108	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	518598	2592.99	1	136	19.8	18.8	0.045	0.057	0.017	0.021	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	518598	2592.99	135	69	19.8	18.7	0.074	0.095	0.032	0.041	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	518598	2592.99	1	136	19.8	18.8	0.023	0.029	0.008	0.010	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	518598	2592.99	135	69	19.8	18.7	0.028	0.036	0.010	0.013	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	518598	2592.99	1	136	19.8	18.8	0.239	0.301	0.103	0.130	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	518598	2592.99	135	69	19.8	18.7	0.251	0.323	0.107	0.138	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**RB Allocation**	**RB Offset**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	518598	2592.99	1	136	19.5	18.8	0.767	**0.901**	0.347	0.408	78
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	518598	2592.99	135	69	19.5	18.8	0.731	0.859	0.329	0.387	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	518598	2592.99	1	136	19.5	18.8	0.350	0.411	0.168	0.197	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	518598	2592.99	135	69	19.5	18.8	0.357	0.419	0.172	0.202	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	518598	2592.99	1	136	19.5	18.8	0.181	0.213	0.097	0.114	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	518598	2592.99	135	69	19.5	18.8	0.271	0.318	0.140	0.164	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	518598	2592.99	1	136	19.5	18.8	0.081	0.095	0.040	0.047	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	518598	2592.99	135	69	19.5	18.8	0.068	0.080	0.034	0.040	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	518598	2592.99	1	136	18.2	17.2	0.646	0.813	0.274	0.345	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	518598	2592.99	135	69	18.2	17.2	0.621	0.782	0.263	0.331	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	518598	2592.99	1	136	18.2	17.2	0.250	0.315	0.111	0.140	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	518598	2592.99	135	69	18.2	17.2	0.255	0.321	0.116	0.146	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	518598	2592.99	1	136	18.2	17.2	0.065	0.082	0.030	0.038	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	518598	2592.99	135	69	18.2	17.2	0.052	0.065	0.025	0.031	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	518598	2592.99	1	136	18.2	17.2	0.659	0.830	0.271	0.341	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	518598	2592.99	135	69	18.2	17.2	0.692	0.871	0.284	0.358	

10.28. NR Band n41 PC2 (100MHz Bandwidth)

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 Condition	FR1 n41 PC2			FR1 n41 PC3				PC2 Linearly scaled Reported SAR (W/kg)	Linearly scaled (<10%)	Testing Required
		Duty Cycle (%)	Max Output Power	Frame Avg Pwr (mW)	Duty Cycle (%)	Max Output Power	Frame Avg Pwr (mW)	Reported SAR (W/kg)			
ANT 1	Head	50.0%	26.2	208.4	100.0%	23.2	208.9	0.123	0.123	0.2%	No
ANT 1	Body & Hotspot	50.0%	23	99.8	100.0%	20	100.0	0.551	0.550	-0.2%	No
ANT 1	Hotspot	50.0%	23	99.8	100.0%	20	100.0	0.898	0.896	-0.2%	No
Antenna	RF Exposure Condition	FR1 n41 PC2			FR1 n41 PC3				PC2 Linearly scaled Reported SAR (W/kg)	Linearly scaled (<10%)	Testing Required
		Duty Cycle (%)	Max Output Power	Frame Avg Pwr (mW)	Duty Cycle (%)	Max Output Power	Frame Avg Pwr (mW)	Reported SAR (W/kg)			
ANT 2	Head	50.0%	19.5	44.6	100.0%	16.5	44.7	0.899	0.897	-0.3%	No
ANT 2	Body & Hotspot	50.0%	21.5	70.6	100.0%	18.5	70.8	0.917	0.915	-0.2%	No
ANT 2	Hotspot	50.0%	21.5	70.6	100.0%	18.5	70.8	0.771	0.769	-0.3%	No
Antenna	RF Exposure Condition	FR1 n41 PC2			FR1 n41 PC3				PC2 Linearly scaled Reported SAR (W/kg)	Linearly scaled (<10%)	Testing Required
		Duty Cycle (%)	Max Output Power	Frame Avg Pwr (mW)	Duty Cycle (%)	Max Output Power	Frame Avg Pwr (mW)	Reported SAR (W/kg)			
ANT 3	Head	50.0%	23.7	117.2	100.0%	20.7	117.5	0.035	0.035	0.6%	No
ANT 3	Body & Hotspot	50.0%	22.8	95.3	100.0%	19.8	95.5	0.218	0.217	-0.3%	No
ANT 3	Hotspot	50.0%	22.8	95.3	100.0%	19.8	95.5	0.323	0.323	-0.1%	No
Antenna	RF Exposure Condition	FR1 n41 PC2			FR1 n41 PC3				PC2 Linearly scaled Reported SAR (W/kg)	Linearly scaled (<10%)	Testing Required
		Duty Cycle (%)	Max Output Power	Frame Avg Pwr (mW)	Duty Cycle (%)	Max Output Power	Frame Avg Pwr (mW)	Reported SAR (W/kg)			
ANT 4	Head	50.0%	22.5	88.9	100.0%	19.5	89.1	0.901	0.899	-0.2%	No
ANT 4	Body & Hotspot	50.0%	21.2	65.9	100.0%	18.2	66.1	0.813	0.811	-0.3%	No
ANT 4	Hotspot	50.0%	21.2	65.9	100.0%	18.2	66.1	0.871	0.869	-0.2%	No

Conclusion:
SAR test for Power Class 2 is not required because the PC3 reported SAR <1.4 W/kg and PC2 reported SAR vs. output power linearly scaled <10%.

10.29. NR Band n48 (100MHz Bandwidth)

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	642888	3643.32	1	53	21.5	21.2	0.031	0.033	0.014	0.015	
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	642888	3643.32	50	28	21.5	21.1	0.032	0.035	0.015	0.016	
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	642888	3643.32	1	53	21.5	21.2	0.022	0.024	0.008	0.009	
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	642888	3643.32	50	28	21.5	21.1	0.022	0.024	0.008	0.009	
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	642888	3643.32	1	53	21.5	21.2	0.130	0.139	0.058	0.062	
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	642888	3643.32	50	28	21.5	21.1	0.111	0.122	0.051	0.056	
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	642888	3643.32	1	53	21.5	21.2	0.022	0.024	0.011	0.012	
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	642888	3643.32	50	28	21.5	21.1	0.021	0.023	0.009	0.010	
ANT 7	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	642888	3643.32	1	53	20.5	19.7	0.720	**0.866**	0.274	0.329	79
ANT 7	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	642888	3643.32	50	28	20.5	19.6	0.691	0.850	0.265	0.326	
ANT 7	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	642888	3643.32	1	53	20.5	19.7	0.289	0.347	0.119	0.143	
ANT 7	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	642888	3643.32	50	28	20.5	19.6	0.310	0.381	0.127	0.156	
ANT 7	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	642888	3643.32	1	53	20.5	19.7	0.694	0.834	0.269	0.323	
ANT 7	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	642888	3643.32	50	28	20.5	19.6	0.733	0.902	0.283	0.348	
ANT 7	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	642888	3643.32	1	53	20.5	19.7	0.128	0.154	0.046	0.055	
ANT 7	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	642888	3643.32	50	28	20.5	19.6	0.126	0.155	0.045	0.055	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	642888	3643.32	1	53	20.8	19.8	0.425	0.535	0.155	0.195	
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	642888	3643.32	50	28	20.8	19.8	0.413	0.520	0.149	0.188	
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	642888	3643.32	1	53	20.8	19.8	0.519	0.653	0.167	0.210	
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	642888	3643.32	50	28	20.8	19.8	0.505	0.636	0.164	0.206	
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	642888	3643.32	1	53	20.8	19.8	0.589	0.742	0.221	0.278	
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	642888	3643.32	50	28	20.8	19.8	0.612	**0.770**	0.228	0.287	80
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	642888	3643.32	1	53	20.8	19.8	0.364	0.458	0.133	0.167	
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	642888	3643.32	50	28	20.8	19.8	0.370	0.466	0.138	0.174	
ANT 8	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	642888	3643.32	1	53	20.5	20.1	0.608	0.667	0.262	0.287	
ANT 8	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	642888	3643.32	50	28	20.5	20.1	0.650	0.713	0.275	0.302	
ANT 8	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	642888	3643.32	1	53	20.5	20.1	0.317	0.348	0.126	0.138	
ANT 8	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	642888	3643.32	50	28	20.5	20.1	0.325	0.356	0.127	0.139	
ANT 8	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	642888	3643.32	1	53	20.5	20.1	0.415	0.455	0.131	0.144	
ANT 8	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	642888	3643.32	50	28	20.5	20.1	0.361	0.396	0.112	0.123	
ANT 8	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	642888	3643.32	1	53	20.5	20.1	0.845	0.927	0.311	0.341	
ANT 8	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	642888	3643.32	50	28	20.5	20.1	0.858	**0.941**	0.316	0.346	81
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	642888	3643.32	1	53	23.3	23.1	0.028	0.029	0.013	0.014	
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	642888	3643.32	50	28	23.3	23.0	0.027	0.029	0.013	0.014	
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	642888	3643.32	1	53	23.3	23.1	0.022	0.023	0.007	0.007	
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	642888	3643.32	50	28	23.3	23.0	0.023	0.025	0.008	0.009	
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	642888	3643.32	1	53	23.3	23.1	0.039	0.041	0.020	0.021	
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	642888	3643.32	50	28	23.3	23.0	0.039	0.042	0.019	0.020	
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	642888	3643.32	1	53	23.3	23.1	0.018	0.019	0.009	0.009	
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	642888	3643.32	50	28	23.3	23.0	0.016	0.017	0.008	0.009	
ANT 9	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	642888	3643.32	1	53	20.8	20.1	0.665	0.781	0.249	0.293	
ANT 9	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	642888	3643.32	50	28	20.8	20.0	0.696	0.837	0.258	0.310	
ANT 9	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	642888	3643.32	1	53	20.8	20.1	0.256	0.301	0.100	0.117	
ANT 9	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	642888	3643.32	50	28	20.8	20.0	0.249	0.299	0.097	0.117	
ANT 9	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	642888	3643.32	1	53	20.8	20.1	0.770	0.905	0.288	0.338	
ANT 9	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	642888	3643.32	50	28	20.8	20.0	0.762	0.916	0.287	0.345	
ANT 9	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	642888	3643.32	1	53	20.8	20.1	0.288	0.338	0.119	0.140	
ANT 9	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	642888	3643.32	50	28	20.8	20.0	0.282	0.339	0.117	0.141	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	642888	3643.32	1	53	21.8	20.8	0.510	0.642	0.202	0.254	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	642888	3643.32	50	28	21.8	20.8	0.492	0.619	0.196	0.247	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	642888	3643.32	1	53	21.8	20.8	0.385	0.485	0.146	0.184	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	642888	3643.32	50	28	21.8	20.8	0.373	0.470	0.144	0.181	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	642888	3643.32	1	53	21.8	20.8	0.145	0.183	0.060	0.076	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	642888	3643.32	50	28	21.8	20.8	0.166	0.209	0.068	0.086	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	642888	3643.32	1	53	21.8	20.8	0.152	0.191	0.063	0.079	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	642888	3643.32	50	28	21.8	20.8	0.148	0.186	0.061	0.077	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	642888	3643.32	1	53	19.5	18.5	0.576	0.725	0.197	0.248	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	642888	3643.32	50	28	19.5	18.5	0.571	0.719	0.194	0.244	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	642888	3643.32	1	53	19.5	18.5	0.085	0.107	0.036	0.045	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	642888	3643.32	50	28	19.5	18.5	0.088	0.111	0.038	0.048	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	642888	3643.32	1	53	19.5	18.5	0.064	0.081	0.028	0.035	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	642888	3643.32	50	28	19.5	18.5	0.072	0.091	0.031	0.039	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	642888	3643.32	1	53	19.5	18.5	0.412	0.519	0.168	0.211	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	642888	3643.32	50	28	19.5	18.5	0.405	0.510	0.165	0.208	

10.30. NR Band n53 (10MHz Bandwidth)

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	497840	2489.2	1	12	20.7	20.5	0.032	0.034	0.018	0.019	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	497840	2489.2	12	6	20.7	20.5	0.030	0.031	0.017	0.018	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	497840	2489.2	1	12	20.7	20.5	0.020	0.021	0.010	0.010	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	497840	2489.2	12	6	20.7	20.5	0.020	0.021	0.010	0.010	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	497840	2489.2	1	12	20.7	20.5	0.071	0.074	0.038	0.040	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	497840	2489.2	12	6	20.7	20.5	0.074	0.077	0.039	0.041	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	497840	2489.2	1	12	20.7	20.5	0.027	0.028	0.014	0.015	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	497840	2489.2	12	6	20.7	20.5	0.027	0.028	0.014	0.015	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	497840	2489.2	1	12	20.0	19.2	0.446	0.536	0.187	0.225	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	497840	2489.2	12	6	20.0	19.1	0.487	0.599	0.196	0.241	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	497840	2489.2	1	12	20.0	19.2	0.223	0.268	0.103	0.124	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	497840	2489.2	12	6	20.0	19.1	0.213	0.262	0.101	0.124	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	497840	2489.2	1	12	20.0	19.2	0.743	**0.893**	0.315	0.379	82
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	497840	2489.2	12	6	20.0	19.1	0.721	0.887	0.307	0.378	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	497840	2489.2	1	12	20.0	19.2	0.158	0.190	0.063	0.076	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	497840	2489.2	12	6	20.0	19.1	0.129	0.159	0.052	0.064	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	497840	2489.2	1	12	20.0	19.2	0.073	0.088	0.033	0.040	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	497840	2489.2	12	6	20.0	19.1	0.063	0.078	0.029	0.036	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	497840	2489.2	1	12	16.5	15.5	0.444	0.559	0.170	0.214	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	497840	2489.2	12	6	16.5	15.5	0.466	0.587	0.177	0.223	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	497840	2489.2	1	12	16.5	15.5	0.477	0.601	0.179	0.225	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	497840	2489.2	12	6	16.5	15.5	0.466	0.587	0.174	0.219	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	497840	2489.2	1	12	16.5	15.5	0.668	0.841	0.277	0.349	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	497840	2489.2	12	6	16.5	15.5	0.671	**0.845**	0.278	0.350	83
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	497840	2489.2	1	12	16.5	15.5	0.627	0.789	0.244	0.307	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	497840	2489.2	12	6	16.5	15.5	0.624	0.786	0.243	0.306	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	497840	2489.2	1	12	18.5	18.5	0.911	0.911	0.357	0.357	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	497840	2489.2	12	6	18.5	18.5	0.930	**0.930**	0.374	0.374	84
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	497840	2489.2	1	12	18.5	18.5	0.492	0.492	0.201	0.201	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	497840	2489.2	12	6	18.5	18.5	0.533	0.533	0.215	0.215	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	497840	2489.2	1	12	18.5	18.5	0.522	0.522	0.190	0.190	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	497840	2489.2	12	6	18.5	18.5	0.566	0.566	0.204	0.204	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	497840	2489.2	1	12	18.5	18.5	0.032	0.032	0.016	0.016	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	497840	2489.2	12	6	18.5	18.5	0.034	0.034	0.017	0.017	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	497840	2489.2	1	12	18.5	18.5	0.808	0.808	0.353	0.353	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	497840	2489.2	12	6	18.5	18.5	0.813	0.813	0.350	0.350	

10.31. NR Band n66 (40MHz Bandwidth)

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	349000	1745	1	108	25.0	25.0	0.050	0.050	0.035	0.035	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	349000	1745	108	54	25.0	25.0	0.049	0.049	0.034	0.034	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	349000	1745	1	108	25.0	25.0	0.053	0.053	0.035	0.035	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	349000	1745	108	54	25.0	25.0	0.051	0.051	0.034	0.034	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	349000	1745	1	108	25.0	25.0	0.106	0.106	0.070	0.070	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	349000	1745	108	54	25.0	25.0	0.110	0.110	0.072	0.072	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	349000	1745	1	108	25.0	25.0	0.044	0.044	0.031	0.031	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	349000	1745	108	54	25.0	25.0	0.045	0.045	0.031	0.031	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	349000	1745	1	108	19.7	18.8	0.270	0.332	0.139	0.171	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	349000	1745	108	54	19.7	18.8	0.277	0.341	0.142	0.175	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	349000	1745	1	108	19.7	18.8	0.185	0.228	0.097	0.119	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	349000	1745	108	54	19.7	18.8	0.194	0.239	0.100	0.123	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	349000	1745	1	108	19.7	18.8	0.103	0.127	0.054	0.066	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	349000	1745	108	54	19.7	18.8	0.119	0.146	0.061	0.075	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	349000	1745	1	108	19.7	18.8	0.717	**0.882**	0.357	0.439	85
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	349000	1745	108	54	19.7	18.8	0.714	0.878	0.357	0.439	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	349000	1745	1	108	19.7	18.8	0.010	0.012	0.006	0.007	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	349000	1745	108	54	19.7	18.8	0.009	0.011	0.004	0.005	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**RB Allocation**	**RB Offset**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	349000	1745	1	108	23.0	22.1	0.264	0.325	0.170	0.209	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	349000	1745	108	54	23.0	22.1	0.252	0.310	0.163	0.201	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	349000	1745	1	108	23.0	22.1	0.189	0.233	0.117	0.144	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	349000	1745	108	54	23.0	22.1	0.182	0.224	0.112	0.138	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	349000	1745	1	108	23.0	22.1	0.732	0.901	0.442	0.544	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	349000	1745	108	54	23.0	22.1	0.680	0.837	0.414	0.509	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	349000	1745	1	108	23.0	22.1	0.547	0.673	0.286	0.352	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	349000	1745	108	54	23.0	22.1	0.571	0.702	0.299	0.368	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	349000	1745	1	108	22.0	21.0	0.661	0.832	0.295	0.371	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	349000	1745	108	54	22.0	21.0	0.674	0.849	0.300	0.378	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	349000	1745	1	108	22.0	21.0	0.305	0.384	0.161	0.203	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	349000	1745	108	54	22.0	21.0	0.260	0.327	0.142	0.179	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	349000	1745	1	108	22.0	21.0	0.353	0.444	0.157	0.198	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	349000	1745	108	54	22.0	21.0	0.345	0.434	0.153	0.193	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	349000	1745	1	108	22.0	21.0	0.014	0.018	0.008	0.010	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	349000	1745	108	54	22.0	21.0	0.017	0.021	0.009	0.011	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	349000	1745	1	108	22.0	21.0	0.336	0.423	0.175	0.220	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	349000	1745	108	54	22.0	21.0	0.339	0.427	0.176	0.222	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**RB Allocation**	**RB Offset**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	349000	1745	1	108	21.0	21.0	0.070	0.070	0.045	0.045	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	349000	1745	108	54	21.0	21.0	0.068	0.068	0.044	0.044	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	349000	1745	1	108	21.0	21.0	0.040	0.040	0.027	0.027	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	349000	1745	108	54	21.0	21.0	0.034	0.034	0.023	0.023	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	349000	1745	1	108	21.0	21.0	0.041	0.041	0.027	0.027	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	349000	1745	108	54	21.0	21.0	0.037	0.037	0.024	0.024	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	349000	1745	1	108	21.0	21.0	0.036	0.036	0.022	0.022	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	349000	1745	108	54	21.0	21.0	0.036	0.036	0.022	0.022	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	349000	1745	1	108	20.7	19.7	0.712	**0.896**	0.353	0.444	86
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	349000	1745	108	54	20.7	19.8	0.706	0.869	0.352	0.433	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	349000	1745	1	108	20.7	19.7	0.457	0.575	0.249	0.313	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	349000	1745	108	54	20.7	19.8	0.345	0.424	0.193	0.237	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	349000	1745	1	108	20.7	19.7	0.270	0.340	0.150	0.189	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	349000	1745	108	54	20.7	19.8	0.238	0.293	0.133	0.164	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	349000	1745	1	108	20.7	19.7	0.377	0.475	0.207	0.261	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	349000	1745	108	54	20.7	19.8	0.347	0.427	0.195	0.240	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**RB Allocation**	**RB Offset**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	349000	1745	1	108	20.5	19.9	0.795	**0.913**	0.455	0.522	87
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	349000	1745	108	54	20.5	19.9	0.789	0.906	0.456	0.524	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	349000	1745	1	108	20.5	19.9	0.463	0.532	0.249	0.286	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	349000	1745	108	54	20.5	19.9	0.474	0.544	0.259	0.297	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	349000	1745	1	108	20.5	19.9	0.270	0.310	0.166	0.191	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	349000	1745	108	54	20.5	19.9	0.258	0.296	0.163	0.187	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	349000	1745	1	108	20.5	19.9	0.226	0.259	0.136	0.156	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	349000	1745	108	54	20.5	19.9	0.197	0.226	0.119	0.137	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	349000	1745	1	108	19.5	18.5	0.537	0.676	0.283	0.356	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	349000	1745	108	54	19.5	18.5	0.470	0.592	0.251	0.316	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	349000	1745	1	108	19.5	18.5	0.240	0.302	0.142	0.179	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	349000	1745	108	54	19.5	18.5	0.231	0.291	0.133	0.167	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	349000	1745	1	108	19.5	18.5	0.208	0.262	0.095	0.120	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	349000	1745	108	54	19.5	18.5	0.214	0.269	0.095	0.120	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	349000	1745	1	108	19.5	18.5	0.462	0.582	0.241	0.303	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	349000	1745	108	54	19.5	18.5	0.492	0.619	0.252	0.317	

10.32. NR Band n70 (15MHz Bandwidth)

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	340500	1702.5	1	39	25.0	25.0	0.051	0.051	0.036	0.036	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	340500	1702.5	36	22	25.0	25.0	0.047	0.047	0.033	0.033	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	340500	1702.5	1	39	25.0	25.0	0.043	0.043	0.028	0.028	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	340500	1702.5	36	22	25.0	25.0	0.047	0.047	0.031	0.031	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	340500	1702.5	1	39	25.0	25.0	0.128	0.128	0.084	0.084	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	340500	1702.5	36	22	25.0	25.0	0.126	0.126	0.083	0.083	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	340500	1702.5	1	39	25.0	25.0	0.044	0.044	0.031	0.031	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	340500	1702.5	36	22	25.0	25.0	0.046	0.046	0.032	0.032	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	340500	1702.5	1	39	19.7	19.2	0.261	0.293	0.138	0.155	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	340500	1702.5	36	22	19.7	19.2	0.322	0.361	0.170	0.191	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	340500	1702.5	1	39	19.7	19.2	0.206	0.231	0.105	0.118	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	340500	1702.5	36	22	19.7	19.2	0.205	0.230	0.104	0.117	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	340500	1702.5	1	39	19.7	19.2	0.087	0.098	0.048	0.054	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	340500	1702.5	36	22	19.7	19.2	0.080	0.090	0.043	0.048	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	340500	1702.5	1	39	19.7	19.2	0.797	0.894	0.396	0.444	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	340500	1702.5	36	22	19.7	19.2	0.809	**0.908**	0.401	0.450	88
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	340500	1702.5	1	39	19.7	19.2	0.011	0.012	0.006	0.007	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	340500	1702.5	36	22	19.7	19.2	0.010	0.011	0.006	0.007	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**RB Allocation**	**RB Offset**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	340500	1702.5	1	39	23.0	22.4	0.239	0.274	0.155	0.178	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	340500	1702.5	36	22	23.0	22.4	0.257	0.295	0.166	0.191	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	340500	1702.5	1	39	23.0	22.4	0.157	0.180	0.096	0.110	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	340500	1702.5	36	22	23.0	22.4	0.180	0.207	0.108	0.124	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	340500	1702.5	1	39	23.0	22.4	0.721	0.828	0.441	0.506	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	340500	1702.5	36	22	23.0	22.4	0.783	**0.899**	0.474	0.544	89
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	340500	1702.5	1	39	23.0	22.4	0.539	0.619	0.273	0.313	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	340500	1702.5	36	22	23.0	22.4	0.576	0.661	0.294	0.338	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	340500	1702.5	1	39	22.0	21.0	0.666	0.838	0.291	0.366	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	340500	1702.5	36	22	22.0	21.0	0.587	0.739	0.244	0.307	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	340500	1702.5	1	39	22.0	21.0	0.221	0.278	0.122	0.154	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	340500	1702.5	36	22	22.0	21.0	0.270	0.340	0.147	0.185	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	340500	1702.5	1	39	22.0	21.0	0.242	0.305	0.109	0.137	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	340500	1702.5	36	22	22.0	21.0	0.320	0.403	0.143	0.180	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	340500	1702.5	1	39	22.0	21.0	0.006	0.008	0.003	0.004	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	340500	1702.5	36	22	22.0	21.0	0.009	0.011	0.004	0.005	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	340500	1702.5	1	39	22.0	21.0	0.369	0.465	0.196	0.247	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	340500	1702.5	36	22	22.0	21.0	0.371	0.467	0.194	0.244	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**RB Allocation**	**RB Offset**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	340500	1702.5	1	39	21.0	21.0	0.066	0.066	0.043	0.043	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	340500	1702.5	36	22	21.0	20.9	0.058	0.059	0.038	0.039	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	340500	1702.5	1	39	21.0	21.0	0.032	0.032	0.021	0.021	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	340500	1702.5	36	22	21.0	20.9	0.030	0.031	0.020	0.020	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	340500	1702.5	1	39	21.0	21.0	0.029	0.029	0.019	0.019	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	340500	1702.5	36	22	21.0	20.9	0.028	0.029	0.018	0.018	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	340500	1702.5	1	39	21.0	21.0	0.030	0.030	0.018	0.018	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	340500	1702.5	36	22	21.0	20.9	0.027	0.028	0.017	0.017	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	340500	1702.5	1	39	20.7	19.7	0.582	0.733	0.296	0.373	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	340500	1702.5	36	22	20.7	19.6	0.669	**0.862**	0.335	0.432	90
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	340500	1702.5	1	39	20.7	19.7	0.381	0.480	0.210	0.264	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	340500	1702.5	36	22	20.7	19.6	0.393	0.506	0.214	0.276	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	340500	1702.5	1	39	20.7	19.7	0.262	0.330	0.149	0.188	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	340500	1702.5	36	22	20.7	19.6	0.222	0.286	0.125	0.161	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	340500	1702.5	1	39	20.7	19.7	0.322	0.405	0.182	0.229	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	340500	1702.5	36	22	20.7	19.6	0.301	0.388	0.170	0.219	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**RB Allocation**	**RB Offset**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	340500	1702.5	1	39	20.5	19.8	0.673	0.791	0.384	0.451	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	340500	1702.5	36	22	20.5	19.8	0.696	0.818	0.396	0.465	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	340500	1702.5	1	39	20.5	19.8	0.426	0.501	0.224	0.263	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	340500	1702.5	36	22	20.5	19.8	0.349	0.410	0.181	0.213	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	340500	1702.5	1	39	20.5	19.8	0.244	0.287	0.152	0.179	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	340500	1702.5	36	22	20.5	19.8	0.243	0.286	0.150	0.176	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	340500	1702.5	1	39	20.5	19.8	0.209	0.246	0.126	0.148	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	340500	1702.5	36	22	20.5	19.8	0.209	0.246	0.124	0.146	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	340500	1702.5	1	39	19.5	18.9	0.397	0.456	0.215	0.247	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	340500	1702.5	36	22	19.5	18.9	0.402	0.462	0.215	0.247	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	340500	1702.5	1	39	19.5	18.9	0.179	0.206	0.105	0.121	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	340500	1702.5	36	22	19.5	18.9	0.176	0.202	0.103	0.118	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	340500	1702.5	1	39	19.5	18.9	0.182	0.209	0.080	0.092	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	340500	1702.5	36	22	19.5	18.9	0.175	0.201	0.079	0.091	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	340500	1702.5	1	39	19.5	18.9	0.354	0.406	0.181	0.208	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	340500	1702.5	36	22	19.5	18.9	0.354	0.406	0.182	0.209	

10.33. NR Band n71 (20MHz Bandwidth)

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	136100	680.5	1	53	25.7	25.6	0.137	0.140	0.110	0.113	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	136100	680.5	50	28	25.7	25.6	0.140	0.143	0.112	0.115	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	136100	680.5	1	53	25.7	25.6	0.078	0.080	0.065	0.067	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	136100	680.5	50	28	25.7	25.6	0.067	0.069	0.055	0.056	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	136100	680.5	1	53	25.7	25.6	0.140	0.143	0.110	0.113	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	136100	680.5	50	28	25.7	25.6	0.142	0.145	0.112	0.115	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	136100	680.5	1	53	25.7	25.6	0.086	0.088	0.069	0.071	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	136100	680.5	50	28	25.7	25.6	0.086	0.088	0.069	0.071	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	136100	680.5	1	53	25.7	25.6	0.363	0.371	0.230	0.235	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	136100	680.5	50	28	25.7	25.6	0.338	0.346	0.215	0.220	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	136100	680.5	1	53	25.7	25.6	0.192	0.196	0.125	0.128	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	136100	680.5	50	28	25.7	25.6	0.194	0.199	0.130	0.133	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	136100	680.5	1	53	25.7	25.6	0.536	0.548	0.353	0.361	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	136100	680.5	50	28	25.7	25.6	0.543	**0.556**	0.367	0.376	91
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	136100	680.5	1	53	25.7	25.6	0.111	0.114	0.055	0.056	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	136100	680.5	50	28	25.7	25.6	0.126	0.129	0.061	0.062	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	136100	680.5	1	53	25.7	25.6	0.371	0.380	0.252	0.258	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	136100	680.5	50	28	25.7	25.6	0.365	0.374	0.246	0.252	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**RB Allocation**	**RB Offset**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	136100	680.5	1	53	24.2	24.1	0.559	0.572	0.360	0.368	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	136100	680.5	50	28	24.2	24.0	0.552	0.578	0.356	0.373	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	136100	680.5	1	53	24.2	24.1	0.460	0.471	0.251	0.257	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	136100	680.5	50	28	24.2	24.0	0.486	0.509	0.261	0.273	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	136100	680.5	1	53	24.2	24.1	0.653	**0.668**	0.406	0.415	92
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	136100	680.5	50	28	24.2	24.0	0.633	0.663	0.398	0.417	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	136100	680.5	1	53	24.2	24.1	0.536	0.548	0.285	0.292	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	136100	680.5	50	28	24.2	24.0	0.517	0.541	0.276	0.289	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	136100	680.5	1	53	24.7	24.6	0.538	0.551	0.313	0.320	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	136100	680.5	50	28	24.7	24.5	0.542	**0.568**	0.321	0.336	93
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	136100	680.5	1	53	24.7	24.6	0.351	0.359	0.206	0.211	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	136100	680.5	50	28	24.7	24.5	0.307	0.321	0.151	0.158	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	136100	680.5	1	53	24.7	24.6	0.182	0.186	0.090	0.092	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	136100	680.5	50	28	24.7	24.5	0.168	0.176	0.084	0.088	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	136100	680.5	1	53	24.7	24.6	0.221	0.226	0.146	0.149	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	136100	680.5	50	28	24.7	24.5	0.219	0.229	0.145	0.152	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	136100	680.5	1	53	24.7	24.6	0.350	0.358	0.232	0.237	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	136100	680.5	50	28	24.7	24.5	0.357	0.374	0.235	0.246	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**RB Allocation**	**RB Offset**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	136100	680.5	1	53	25.4	25.4	0.055	0.055	0.043	0.043	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	136100	680.5	50	28	25.4	25.4	0.055	0.055	0.044	0.044	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	136100	680.5	1	53	25.4	25.4	0.035	0.035	0.028	0.028	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	136100	680.5	50	28	25.4	25.4	0.034	0.034	0.028	0.028	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	136100	680.5	1	53	25.4	25.4	0.045	0.045	0.036	0.036	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	136100	680.5	50	28	25.4	25.4	0.044	0.044	0.036	0.036	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	136100	680.5	1	53	25.4	25.4	0.024	0.024	0.020	0.020	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	136100	680.5	50	28	25.4	25.4	0.024	0.024	0.020	0.020	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	136100	680.5	1	53	25.4	25.4	0.314	0.314	0.164	0.164	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	136100	680.5	50	28	25.4	25.4	0.277	0.277	0.150	0.150	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	136100	680.5	1	53	25.4	25.4	0.144	0.144	0.078	0.078	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	136100	680.5	50	28	25.4	25.4	0.149	0.149	0.083	0.083	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	136100	680.5	1	53	25.4	25.4	0.170	0.170	0.071	0.071	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	136100	680.5	50	28	25.4	25.4	0.171	0.171	0.070	0.070	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	136100	680.5	1	53	25.4	25.4	0.281	0.281	0.186	0.186	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	136100	680.5	50	28	25.4	25.4	0.270	0.270	0.179	0.179	

10.34. NR Band n77 (Block A) PC3 (100MHz Bandwidth)

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	633332	3499.98	1	136	21.5	21.2	0.029	0.031	0.013	0.014	
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	633332	3499.98	135	69	21.5	21.2	0.026	0.028	0.011	0.012	
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	633332	3499.98	1	136	21.5	21.2	0.022	0.024	0.007	0.008	
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	633332	3499.98	135	69	21.5	21.2	0.029	0.031	0.013	0.014	
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	633332	3499.98	1	136	21.5	21.2	0.085	0.091	0.039	0.042	
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	633332	3499.98	135	69	21.5	21.2	0.084	0.090	0.039	0.042	
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	633332	3499.98	1	136	21.5	21.2	0.018	0.019	0.007	0.008	
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	633332	3499.98	135	69	21.5	21.2	0.019	0.020	0.007	0.008	
ANT 7	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	633332	3499.98	1	136	19.3	19.0	0.240	0.257	0.090	0.096	
ANT 7	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	633332	3499.98	135	69	19.3	19.0	0.242	0.259	0.091	0.098	
ANT 7	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	633332	3499.98	1	136	19.3	19.0	0.146	0.156	0.059	0.063	
ANT 7	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	633332	3499.98	135	69	19.3	19.0	0.144	0.154	0.060	0.064	
ANT 7	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	633332	3499.98	1	136	19.3	19.0	0.407	0.436	0.151	0.162	
ANT 7	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	633332	3499.98	135	69	19.3	19.0	0.407	0.436	0.152	0.163	
ANT 7	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	633332	3499.98	1	136	19.3	19.0	0.089	0.095	0.034	0.036	
ANT 7	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	633332	3499.98	135	69	19.3	19.0	0.090	0.096	0.035	0.038	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	633332	3499.98	1	136	20.8	20.1	0.134	0.157	0.052	0.061	
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	633332	3499.98	135	69	20.8	20.1	0.134	0.157	0.053	0.062	
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	633332	3499.98	1	136	20.8	20.1	0.113	0.133	0.046	0.054	
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	633332	3499.98	135	69	20.8	20.1	0.116	0.136	0.048	0.056	
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	633332	3499.98	1	136	20.8	20.1	0.398	**0.468**	0.134	0.157	94
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	633332	3499.98	135	69	20.8	20.1	0.364	0.428	0.123	0.145	
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	633332	3499.98	1	136	20.8	20.1	0.289	0.340	0.101	0.119	
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	633332	3499.98	135	69	20.8	20.1	0.284	0.334	0.098	0.115	
ANT 8	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	633332	3499.98	1	136	19.3	18.7	0.372	0.427	0.148	0.170	
ANT 8	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	633332	3499.98	135	69	19.3	18.6	0.364	0.428	0.145	0.170	
ANT 8	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	633332	3499.98	1	136	19.3	18.7	0.173	0.199	0.064	0.073	
ANT 8	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	633332	3499.98	135	69	19.3	18.6	0.172	0.202	0.063	0.074	
ANT 8	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	633332	3499.98	1	136	19.3	18.7	0.048	0.055	0.013	0.015	
ANT 8	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	633332	3499.98	135	69	19.3	18.6	0.050	0.059	0.014	0.016	
ANT 8	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	633332	3499.98	1	136	19.3	18.7	0.370	0.425	0.129	0.148	
ANT 8	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	633332	3499.98	135	69	19.3	18.6	0.422	**0.496**	0.145	0.170	95
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	633332	3499.98	1	136	21.3	20.9	0.020	0.022	0.008	0.009	
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	633332	3499.98	135	69	21.3	20.8	0.026	0.029	0.011	0.012	
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	633332	3499.98	1	136	21.3	20.9	0.006	0.007	0.001	0.001	
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	633332	3499.98	135	69	21.3	20.8	0.008	0.009	0.002	0.002	
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	633332	3499.98	1	136	21.3	20.9	0.005	0.005	0.001	0.001	
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	633332	3499.98	135	69	21.3	20.8	0.013	0.015	0.004	0.004	
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	633332	3499.98	1	136	21.3	20.9	0.014	0.015	0.004	0.004	
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	633332	3499.98	135	69	21.3	20.8	0.015	0.017	0.006	0.007	
ANT 9	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	633332	3499.98	1	136	18.8	18.3	0.393	0.441	0.128	0.144	
ANT 9	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	633332	3499.98	135	69	18.8	18.4	0.398	0.436	0.131	0.144	
ANT 9	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	633332	3499.98	1	136	18.8	18.3	0.285	0.320	0.097	0.109	
ANT 9	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	633332	3499.98	135	69	18.8	18.4	0.267	0.293	0.091	0.100	
ANT 9	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	633332	3499.98	1	136	18.8	18.3	0.312	0.350	0.103	0.116	
ANT 9	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	633332	3499.98	135	69	18.8	18.4	0.296	0.325	0.099	0.109	
ANT 9	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	633332	3499.98	1	136	18.8	18.3	0.225	0.252	0.082	0.092	
ANT 9	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	633332	3499.98	135	69	18.8	18.4	0.228	0.250	0.084	0.092	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	633332	3499.98	1	136	20.8	19.8	0.321	0.404	0.117	0.147	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	633332	3499.98	135	69	20.8	19.8	0.293	0.369	0.108	0.136	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	633332	3499.98	1	136	20.8	19.8	0.332	0.418	0.118	0.149	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	633332	3499.98	135	69	20.8	19.8	0.310	0.390	0.111	0.140	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	633332	3499.98	1	136	20.8	19.8	0.087	0.110	0.036	0.045	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	633332	3499.98	135	69	20.8	19.8	0.088	0.111	0.030	0.038	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	633332	3499.98	1	136	20.8	19.8	0.086	0.108	0.036	0.045	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	633332	3499.98	135	69	20.8	19.8	0.085	0.107	0.027	0.034	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	633332	3499.98	1	136	19.5	18.8	0.511	0.600	0.177	0.208	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	633332	3499.98	135	69	19.5	18.7	0.503	**0.605**	0.173	0.208	96
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	633332	3499.98	1	136	19.5	18.8	0.078	0.092	0.033	0.039	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	633332	3499.98	135	69	19.5	18.7	0.077	0.093	0.032	0.038	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	633332	3499.98	1	136	19.5	18.8	0.062	0.073	0.022	0.026	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	633332	3499.98	135	69	19.5	18.7	0.068	0.082	0.027	0.032	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	633332	3499.98	1	136	19.5	18.8	0.237	0.278	0.091	0.107	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	633332	3499.98	135	69	19.5	18.7	0.254	0.305	0.096	0.115	

10.35. NR Band n77 (Block C) PC3 (100MHz Bandwidth)

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	657200	3858	1	136	21.5	21.1	0.026	0.029	0.005	0.005	
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	657200	3858	135	69	21.5	21.0	0.033	0.037	0.011	0.012	
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	657200	3858	1	136	21.5	21.1	0.008	0.009	0.000	0.000	
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	657200	3858	135	69	21.5	21.0	0.014	0.016	0.001	0.001	
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	657200	3858	1	136	21.5	21.1	0.062	0.068	0.022	0.024	
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	657200	3858	135	69	21.5	21.0	0.060	0.067	0.021	0.024	
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	657200	3858	1	136	21.5	21.1	0.026	0.029	0.009	0.010	
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	657200	3858	135	69	21.5	21.0	0.006	0.007	0.000	0.000	
ANT 7	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	657200	3858	1	136	19.3	18.9	0.280	0.307	0.113	0.124	
ANT 7	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	657200	3858	135	69	19.3	18.8	0.243	0.273	0.096	0.108	
ANT 7	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	657200	3858	1	136	19.3	18.9	0.112	0.123	0.040	0.044	
ANT 7	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	657200	3858	135	69	19.3	18.8	0.108	0.121	0.041	0.046	
ANT 7	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	657200	3858	1	136	19.3	18.9	0.424	0.465	0.161	0.177	
ANT 7	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	657200	3858	135	69	19.3	18.8	0.374	0.420	0.141	0.158	
ANT 7	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	657200	3858	1	136	19.3	18.9	0.048	0.053	0.014	0.015	
ANT 7	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	657200	3858	135	69	19.3	18.8	0.050	0.056	0.015	0.017	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	657200	3858	1	136	20.8	19.8	0.166	0.209	0.067	0.084	
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	657200	3858	135	69	20.8	19.7	0.164	0.211	0.066	0.085	
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	657200	3858	1	136	20.8	19.8	0.168	0.211	0.067	0.084	
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	657200	3858	135	69	20.8	19.7	0.160	0.206	0.064	0.082	
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	657200	3858	1	136	20.8	19.8	0.718	**0.904**	0.273	0.344	97
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	657200	3858	135	69	20.8	19.7	0.693	0.893	0.264	0.340	
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	657200	3858	1	136	20.8	19.8	0.268	0.337	0.101	0.127	
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	657200	3858	135	69	20.8	19.7	0.270	0.348	0.102	0.131	
ANT 8	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	657200	3858	1	136	19.3	18.3	0.462	0.582	0.192	0.242	
ANT 8	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	657200	3858	135	69	19.3	18.2	0.458	0.590	0.190	0.245	
ANT 8	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	657200	3858	1	136	19.3	18.3	0.264	0.332	0.101	0.127	
ANT 8	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	657200	3858	135	69	19.3	18.2	0.262	0.338	0.102	0.131	
ANT 8	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	657200	3858	1	136	19.3	18.3	0.066	0.083	0.026	0.033	
ANT 8	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	657200	3858	135	69	19.3	18.2	0.054	0.070	0.013	0.017	
ANT 8	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	657200	3858	1	136	19.3	18.3	0.722	**0.909**	0.275	0.346	98
ANT 8	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	657200	3858	135	69	19.3	18.2	0.698	0.899	0.268	0.345	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	657200	3858	1	136	21.3	20.8	0.038	0.043	0.015	0.017	
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	657200	3858	135	69	21.3	20.8	0.030	0.034	0.010	0.011	
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	657200	3858	1	136	21.3	20.8	0.008	0.009	0.000	0.000	
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	657200	3858	135	69	21.3	20.8	0.013	0.015	0.001	0.001	
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	657200	3858	1	136	21.3	20.8	0.008	0.009	0.000	0.000	
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	657200	3858	135	69	21.3	20.8	0.011	0.012	0.001	0.001	
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	657200	3858	1	136	21.3	20.8	0.030	0.034	0.014	0.016	
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	657200	3858	135	69	21.3	20.8	0.031	0.035	0.009	0.010	
ANT 9	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	657200	3858	1	136	18.8	18.4	0.379	0.416	0.150	0.164	
ANT 9	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	657200	3858	135	69	18.8	18.4	0.422	0.463	0.165	0.181	
ANT 9	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	657200	3858	1	136	18.8	18.4	0.082	0.090	0.031	0.034	
ANT 9	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	657200	3858	135	69	18.8	18.4	0.111	0.122	0.038	0.042	
ANT 9	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	657200	3858	1	136	18.8	18.4	0.119	0.130	0.047	0.052	
ANT 9	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	657200	3858	135	69	18.8	18.4	0.126	0.138	0.048	0.053	
ANT 9	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	657200	3858	1	136	18.8	18.4	0.314	0.344	0.122	0.134	
ANT 9	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	657200	3858	135	69	18.8	18.4	0.342	0.375	0.132	0.145	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	657200	3858	1	136	20.8	20.0	0.143	0.172	0.054	0.065	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	657200	3858	135	69	20.8	20.1	0.146	0.172	0.055	0.065	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	657200	3858	1	136	20.8	20.0	0.136	0.164	0.049	0.059	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	657200	3858	135	69	20.8	20.1	0.144	0.169	0.051	0.060	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	657200	3858	1	136	20.8	20.0	0.037	0.044	0.013	0.016	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	657200	3858	135	69	20.8	20.1	0.032	0.038	0.010	0.012	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	657200	3858	1	136	20.8	20.0	0.035	0.042	0.011	0.013	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	657200	3858	135	69	20.8	20.1	0.036	0.042	0.013	0.015	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	657200	3858	1	136	19.5	18.8	0.697	0.819	0.217	0.255	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	657200	3858	135	69	19.5	18.7	0.707	**0.850**	0.257	0.309	99
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	657200	3858	1	136	19.5	18.8	0.070	0.082	0.026	0.031	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	657200	3858	135	69	19.5	18.7	0.074	0.089	0.026	0.031	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	657200	3858	1	136	19.5	18.8	0.117	0.137	0.045	0.053	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	657200	3858	135	69	19.5	18.7	0.043	0.052	0.015	0.018	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	657200	3858	1	136	19.5	18.8	0.287	0.337	0.117	0.137	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	657200	3858	135	69	19.5	18.7	0.268	0.322	0.111	0.133	

10.36. NR Band n77 PC2 (100MHz Bandwidth)

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 Condition	FR1 n77 PC2			FR1 n77 PC3				PC2 Linearly scaled Reported SAR (W/kg)	Linearly scaled (<10%)	Testing Required
		Duty Cycle (%)	Max Output Power	Frame Avg Pwr (mW)	Duty Cycle (%)	Max Output Power	Frame Avg Pwr (mW)	Reported SAR (W/kg)			
ANT 7	Head	50.0%	24.5	140.9	100.0%	21.5	141.3	0.091	0.091	-0.1%	No
ANT 7	Body & Hotspot	50.0%	22.3	84.9	100.0%	19.3	85.1	0.307	0.306	-0.3%	No
ANT 7	Hotspot	50.0%	22.3	84.9	100.0%	19.3	85.1	0.465	0.464	-0.2%	No
Antenna	RF Exposure Condition	FR1 n77 PC2			FR1 n77 PC3				PC2 Linearly scaled Reported SAR (W/kg)	Linearly scaled (<10%)	Testing Required
		Duty Cycle (%)	Max Output Power	Frame Avg Pwr (mW)	Duty Cycle (%)	Max Output Power	Frame Avg Pwr (mW)	Reported SAR (W/kg)			
ANT 8	Head	50.0%	23.8	119.9	100.0%	20.8	120.2	0.904	0.902	-0.2%	No
ANT 8	Body & Hotspot	50.0%	22.3	84.9	100.0%	19.3	85.1	0.590	0.589	-0.2%	No
ANT 8	Hotspot	50.0%	22.3	84.9	100.0%	19.3	85.1	0.909	0.907	-0.2%	No
Antenna	RF Exposure Condition	FR1 n77 PC2			FR1 n77 PC3				PC2 Linearly scaled Reported SAR (W/kg)	Linearly scaled (<10%)	Testing Required
		Duty Cycle (%)	Max Output Power	Frame Avg Pwr (mW)	Duty Cycle (%)	Max Output Power	Frame Avg Pwr (mW)	Reported SAR (W/kg)			
ANT 9	Head	50.0%	24.3	134.6	100.0%	21.3	134.9	0.441	0.440	-0.2%	No
ANT 9	Body & Hotspot	50.0%	21.8	75.7	100.0%	18.8	75.9	0.463	0.462	-0.2%	No
ANT 9	Hotspot	50.0%	21.8	75.7	100.0%	18.8	75.9	0.404	0.403	-0.3%	No
Antenna	RF Exposure Condition	FR1 n77 PC2			FR1 n77 PC3				PC2 Linearly scaled Reported SAR (W/kg)	Linearly scaled (<10%)	Testing Required
		Duty Cycle (%)	Max Output Power	Frame Avg Pwr (mW)	Duty Cycle (%)	Max Output Power	Frame Avg Pwr (mW)	Reported SAR (W/kg)			
ANT 4	Head	50.0%	23.8	119.9	100.0%	20.8	120.2	0.605	0.603	-0.3%	No
ANT 4	Body & Hotspot	50.0%	22.5	88.9	100.0%	19.5	89.1	0.850	0.848	-0.2%	No
ANT 4	Hotspot	50.0%	22.5	88.9	100.0%	19.5	89.1	0.337	0.336	-0.4%	No

Conclusion:
SAR test for Power Class 2 is not required because the PC3 reported SAR <1.4 W/kg and PC2 reported SAR vs. output power linearly scaled <10%.

10.37. 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	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Duty Cycle (%)	Area Scan Max. SAR (W/kg)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 3	Head	802.11b	Power State 1 Mode A	0	Left Cheek	11	2462	99.84%	0.141	21.50	20.56	0.152	0.189	0.081	0.101	
ANT 3	Head	802.11b	Power State 1 Mode A	0	Left Tilt	11	2462	99.84%	0.062	21.50	20.56					
ANT 3	Head	802.11b	Power State 1 Mode A	0	Right Cheek	11	2462	99.84%	0.062	21.50	20.56					
ANT 3	Head	802.11b	Power State 1 Mode A	0	Right Tilt	11	2462	99.84%	0.091	21.50	20.56					
ANT 3	Body & Hotspot	802.11b	Power State 1 Mode B	5	Back	11	2462	99.84%	0.651	21.00	20.27	0.657	**0.779**	0.331	0.392	103
ANT 3	Body & Hotspot	802.11b	Power State 1 Mode B	5	Front	11	2462	99.84%	0.383	21.00	20.27	0.388	0.460	0.197	0.233	
ANT 3	Hotspot	802.11b	Power State 1 Mode B	5	Edge Bottom	11	2462	99.84%	0.148	21.00	20.27					
ANT 3	Hotspot	802.11b	Power State 1 Mode B	5	Edge Left	1	2412	99.84%	0.680	21.00	19.80	0.719	**0.949**	0.335	0.442	104
ANT 3	Hotspot	802.11b	Power State 1 Mode B	5	Edge Left	6	2437	99.84%	0.634	21.00	19.82	0.715	0.940	0.332	0.436	
ANT 3	Hotspot	802.11b	Power State 1 Mode B	5	Edge Left	11	2462	99.84%	0.695	21.00	20.27	0.742	0.879	0.338	0.401	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**Duty Cycle (%)**	**Area Scan Max. SAR (W/kg)**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 4	Head	802.11b	Power State 1 Mode A	0	Left Cheek	1	2412	99.84%	0.819	21.00	20.01	0.843	1.061	0.357	0.449	
ANT 4	Head	802.11b	Power State 1 Mode A	0	Left Cheek	6	2437	99.84%	0.841	21.00	20.09	0.867	**1.071**	0.366	0.452	105
ANT 4	Head	802.11b	Power State 1 Mode A	0	Left Cheek	11	2462	99.84%	0.820	21.00	20.09	0.853	1.054	0.359	0.443	
ANT 4	Head	802.11b	Power State 1 Mode A	0	Left Tilt	6	2437	99.84%	0.186	21.00	20.09	0.206	0.254	0.092	0.114	
ANT 4	Head	802.11b	Power State 1 Mode A	0	Right Cheek	6	2437	99.84%	0.185	21.00	20.09					
ANT 4	Head	802.11b	Power State 1 Mode A	0	Right Tilt	6	2437	99.84%	0.087	21.00	20.09					
ANT 4	Body & Hotspot	802.11b	Power State 1 Mode B	5	Back	6	2437	99.84%	0.551	19.75	18.73	0.573	0.726	0.251	0.318	
ANT 4	Body & Hotspot	802.11b	Power State 1 Mode B	5	Front	6	2437	99.84%	0.257	19.75	18.73	0.290	0.367	0.131	0.166	
ANT 4	Hotspot	802.11b	Power State 1 Mode B	5	Edge Top	6	2437	99.84%	0.039	19.75	18.73					
ANT 4	Hotspot	802.11b	Power State 1 Mode B	5	Edge Right	1	2412	99.84%	0.648	19.75	18.25	0.640	0.905	0.271	0.383	
ANT 4	Hotspot	802.11b	Power State 1 Mode B	5	Edge Right	6	2437	99.84%	0.678	19.75	18.73	0.663	0.840	0.279	0.353	
ANT 4	Hotspot	802.11b	Power State 1 Mode B	5	Edge Right	11	2462	99.84%	0.636	19.75	18.71	0.629	0.800	0.267	0.340	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**Duty Cycle (%)**	**Area Scan Max. SAR (W/kg)**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 3	Head	802.11b	Power State 4 Mode A	0	Left Cheek	6	2437	99.84%	0.073	17.75	16.75	0.075	0.095	0.040	0.050	
ANT 3	Head	802.11b	Power State 4 Mode A	0	Left Tilt	6	2437	99.84%	0.032	17.75	16.75					
ANT 3	Head	802.11b	Power State 4 Mode A	0	Right Cheek	6	2437	99.84%	0.035	17.75	16.75					
ANT 3	Head	802.11b	Power State 4 Mode A	0	Right Tilt	6	2437	99.84%	0.053	17.75	16.75					
ANT 3	Body & Hotspot	802.11b	Power State 4 Mode B	5	Back	6	2437	99.84%	0.300	17.00	16.00	0.281	0.354	0.151	0.190	
ANT 3	Body & Hotspot	802.11b	Power State 4 Mode B	5	Front	6	2437	99.84%	0.150	17.00	16.00					
ANT 3	Hotspot	802.11b	Power State 4 Mode B	5	Edge Bottom	6	2437	99.84%	0.044	17.00	16.00					
ANT 3	Hotspot	802.11b	Power State 4 Mode B	5	Edge Left	6	2437	99.84%	0.277	17.00	16.00	0.307	0.387	0.141	0.178	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**Duty Cycle (%)**	**Area Scan Max. SAR (W/kg)**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 4	Head	802.11b	Power State 4 Mode A	0	Left Cheek	11	2462	99.84%	0.302	17.00	15.91	0.301	0.387	0.128	0.165	
ANT 4	Head	802.11b	Power State 4 Mode A	0	Left Tilt	11	2462	99.84%	0.079	17.00	15.91					
ANT 4	Head	802.11b	Power State 4 Mode A	0	Right Cheek	11	2462	99.84%	0.059	17.00	15.91					
ANT 4	Head	802.11b	Power State 4 Mode A	0	Right Tilt	11	2462	99.84%	0.028	17.00	15.91					
ANT 4	Body & Hotspot	802.11b	Power State 4 Mode B	5	Back	11	2462	99.84%	0.242	15.75	14.49	0.254	0.340	0.110	0.147	
ANT 4	Body & Hotspot	802.11b	Power State 4 Mode B	5	Front	11	2462	99.84%	0.100	15.75	14.49					
ANT 4	Hotspot	802.11b	Power State 4 Mode B	5	Edge Top	11	2462	99.84%	0.019	15.75	14.49					
ANT 4	Hotspot	802.11b	Power State 4 Mode B	5	Edge Right	11	2462	99.84%	0.292	15.75	14.49	0.291	0.390	0.119	0.159	

Notes:

Power State 2 and 3 maximum output power same as Power State 1

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Duty Cycle (%)	Area Scan Max. SAR (W/kg)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 3	Head	802.11b	Power State 5 Mode A	0	Left Cheek	11	2462	99.84%	0.141	21.25	20.56	0.152	0.178	0.081	0.095	
ANT 3	Head	802.11b	Power State 5 Mode A	0	Left Tilt	11	2462	99.84%	0.062	21.25	20.56					
ANT 3	Head	802.11b	Power State 5 Mode A	0	Right Cheek	11	2462	99.84%	0.062	21.25	20.56					
ANT 3	Head	802.11b	Power State 5 Mode A	0	Right Tilt	11	2462	99.84%	0.091	21.25	20.56					
ANT 3	Body & Hotspot	802.11b	Power State 5 Mode B	5	Back	11	2462	99.84%	0.651	20.50	20.27	0.657	0.694	0.331	0.350	
ANT 3	Body & Hotspot	802.11b	Power State 5 Mode B	5	Front	11	2462	99.84%	0.383	20.50	20.27	0.388	0.410	0.197	0.208	
ANT 3	Hotspot	802.11b	Power State 5 Mode B	5	Edge Bottom	11	2462	99.84%	0.148	20.50	20.27					
ANT 3	Hotspot	802.11b	Power State 5 Mode B	5	Edge Left	1	2412	99.84%	0.680	20.50	19.80	0.719	0.846	0.335	0.394	
ANT 3	Hotspot	802.11b	Power State 5 Mode B	5	Edge Left	6	2437	99.84%	0.634	20.50	19.82	0.715	0.838	0.332	0.389	
ANT 3	Hotspot	802.11b	Power State 5 Mode B	5	Edge Left	11	2462	99.84%	0.695	20.50	20.27	0.742	0.784	0.338	0.357	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**Duty Cycle (%)**	**Area Scan Max. SAR (W/kg)**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 4	Head	802.11b	Power State 5 Mode A	0	Left Cheek	1	2412	99.84%	0.819	20.50	20.01	0.843	0.945	0.357	0.400	
ANT 4	Head	802.11b	Power State 5 Mode A	0	Left Cheek	6	2437	99.84%	0.841	20.50	20.09	0.867	0.954	0.366	0.403	
ANT 4	Head	802.11b	Power State 5 Mode A	0	Left Cheek	11	2462	99.84%	0.820	20.50	20.09	0.853	0.939	0.359	0.395	
ANT 4	Head	802.11b	Power State 5 Mode A	0	Left Tilt	6	2437	99.84%	0.186	20.50	20.09	0.206	0.227	0.092	0.101	
ANT 4	Head	802.11b	Power State 5 Mode A	0	Right Cheek	6	2437	99.84%	0.185	20.50	20.09					
ANT 4	Head	802.11b	Power State 5 Mode A	0	Right Tilt	6	2437	99.84%	0.087	20.50	20.09					
ANT 4	Body & Hotspot	802.11b	Power State 5 Mode B	5	Back	6	2437	99.84%	0.551	19.25	18.73	0.573	0.647	0.251	0.283	
ANT 4	Body & Hotspot	802.11b	Power State 5 Mode B	5	Front	6	2437	99.84%	0.257	19.25	18.73	0.290	0.327	0.131	0.148	
ANT 4	Hotspot	802.11b	Power State 5 Mode B	5	Edge Top	6	2437	99.84%	0.039	19.25	18.73					
ANT 4	Hotspot	802.11b	Power State 5 Mode B	5	Edge Right	1	2412	99.84%	0.648	19.25	18.25	0.640	0.807	0.271	0.342	
ANT 4	Hotspot	802.11b	Power State 5 Mode B	5	Edge Right	6	2437	99.84%	0.678	19.25	18.73	0.663	0.749	0.279	0.315	
ANT 4	Hotspot	802.11b	Power State 5 Mode B	5	Edge Right	11	2462	99.84%	0.636	19.25	18.71	0.629	0.713	0.267	0.303	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**Duty Cycle (%)**	**Area Scan Max. SAR (W/kg)**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 3	Head	802.11b	Power State 6 Mode A	0	Left Cheek	6	2437	99.84%	0.073	16.75	16.75	0.075	0.075	0.040	0.040	
ANT 3	Head	802.11b	Power State 6 Mode A	0	Left Tilt	6	2437	99.84%	0.032	16.75	16.75					
ANT 3	Head	802.11b	Power State 6 Mode A	0	Right Cheek	6	2437	99.84%	0.035	16.75	16.75					
ANT 3	Head	802.11b	Power State 6 Mode A	0	Right Tilt	6	2437	99.84%	0.053	16.75	16.75					
ANT 3	Body & Hotspot	802.11b	Power State 6 Mode B	5	Back	6	2437	99.84%	0.300	16.00	16.00	0.281	0.281	0.151	0.151	
ANT 3	Body & Hotspot	802.11b	Power State 6 Mode B	5	Front	6	2437	99.84%	0.150	16.00	16.00					
ANT 3	Hotspot	802.11b	Power State 6 Mode B	5	Edge Bottom	6	2437	99.84%	0.044	16.00	16.00					
ANT 3	Hotspot	802.11b	Power State 6 Mode B	5	Edge Left	6	2437	99.84%	0.277	16.00	16.00	0.307	0.307	0.141	0.141	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**Duty Cycle (%)**	**Area Scan Max. SAR (W/kg)**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 4	Head	802.11b	Power State 6 Mode A	0	Left Cheek	11	2462	99.84%	0.302	16.00	15.91	0.301	0.308	0.128	0.131	
ANT 4	Head	802.11b	Power State 6 Mode A	0	Left Tilt	11	2462	99.84%	0.079	16.00	15.91					
ANT 4	Head	802.11b	Power State 6 Mode A	0	Right Cheek	11	2462	99.84%	0.059	16.00	15.91					
ANT 4	Head	802.11b	Power State 6 Mode A	0	Right Tilt	11	2462	99.84%	0.028	16.00	15.91					
ANT 4	Body & Hotspot	802.11b	Power State 6 Mode B	5	Back	11	2462	99.84%	0.242	14.75	14.49	0.254	0.270	0.110	0.117	
ANT 4	Body & Hotspot	802.11b	Power State 6 Mode B	5	Front	11	2462	99.84%	0.100	14.75	14.49					
ANT 4	Hotspot	802.11b	Power State 6 Mode B	5	Edge Top	11	2462	99.84%	0.019	14.75	14.49					
ANT 4	Hotspot	802.11b	Power State 6 Mode B	5	Edge Right	11	2462	99.84%	0.292	14.75	14.49	0.291	0.309	0.119	0.127	

10.38. Wi-Fi (U-NII 1-3 Bands)

UNII-1 &2A

When the specified maximum output power is the same for both UNII band I and UNII band 2A, begin SAR measurement in UNII band 2A; and if the highest *reported* SAR for UNII band 2A is

- ≤ 1.2 W/kg, SAR is not required for UNII band I
- > 1.2 W/kg, both bands should be tested independently for SAR.

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Duty Cycle (%)	Area Scan Max. SAR (W/kg)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 5	Head	802.11n (HT40)	Power State 1 Mode A	0	Left Cheek	54	5270	97.76%	0.093	20.50	19.88	0.097	0.114	0.030	0.035	
ANT 5	Head	802.11n (HT40)	Power State 1 Mode A	0	Left Tilt	54	5270	97.76%	0.011	20.50	19.88					
ANT 5	Head	802.11n (HT40)	Power State 1 Mode A	0	Right Cheek	54	5270	97.76%	0.030	20.50	19.88					
ANT 5	Head	802.11n (HT40)	Power State 1 Mode A	0	Right Tilt	54	5270	97.76%	0.021	20.50	19.88					
ANT 5	Body & Hotspot	802.11n (HT40)	Power State 1 Mode B	5	Back	38	5190	97.76%	0.185	16.50	16.00	0.192	0.220	0.046	0.053	
ANT 5	Body & Hotspot	802.11n (HT40)	Power State 1 Mode B	5	Back	46	5230	97.76%	0.511	20.00	19.11	0.841	1.056	0.251	0.315	
ANT 5	Body & Hotspot	802.11n (HT40)	Power State 1 Mode B	5	Front	46	5230	97.76%	0.242	20.00	19.11	0.272	0.342	0.089	0.112	
ANT 5	Hotspot	802.11n (HT40)	Power State 1 Mode B	5	Edge Bottom	46	5230	97.76%	0.036	20.00	19.11					
ANT 5	Hotspot	802.11n (HT40)	Power State 1 Mode B	5	Edge Left	46	5230	97.76%	0.374	20.00	19.11	0.384	**0.482**	0.128	0.161	106
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Duty Cycle (%)	Area Scan Max. SAR (W/kg)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 6	Head	802.11n (HT40)	Power State 1 Mode A	0	Left Cheek	54	5270	97.76%	0.144	20.50	19.57					
ANT 6	Head	802.11n (HT40)	Power State 1 Mode A	0	Left Tilt	54	5270	97.76%	0.159	20.50	19.57					
ANT 6	Head	802.11n (HT40)	Power State 1 Mode A	0	Right Cheek	54	5270	97.76%	0.429	20.50	19.57	0.392	0.497	0.130	0.165	
ANT 6	Head	802.11n (HT40)	Power State 1 Mode A	0	Right Tilt	54	5270	97.76%	0.298	20.50	19.57	0.357	0.452	0.099	0.125	
ANT 6	Body & Hotspot	802.11n (HT40)	Power State 1 Mode B	5	Back	38	5190	97.76%	0.253	16.50	15.74	0.277	0.338	0.088	0.107	
ANT 6	Body & Hotspot	802.11n (HT40)	Power State 1 Mode B	5	Back	46	5230	97.76%	0.418	20.00	18.90	0.802	**1.057**	0.243	0.320	107
ANT 6	Body & Hotspot	802.11n (HT40)	Power State 1 Mode B	5	Front	46	5230	97.76%	0.190	20.00	18.90	0.155	0.204	0.054	0.071	
ANT 6	Hotspot	802.11n (HT40)	Power State 1 Mode B	5	Edge Top	46	5230	97.76%	0.068	20.00	18.90					
ANT 6	Hotspot	802.11n (HT40)	Power State 1 Mode B	5	Edge Left	46	5230	97.76%	0.205	20.00	18.90	0.257	0.339	0.085	0.112	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Duty Cycle (%)	Area Scan Max. SAR (W/kg)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 5	Head	802.11n (HT40)	Power State 4 Mode A	0	Left Cheek	54	5270	97.76%	0.070	19.00	18.00	0.058	0.075	0.007	0.009	
ANT 5	Head	802.11n (HT40)	Power State 4 Mode A	0	Left Tilt	54	5270	97.76%	0.001	19.00	18.00					
ANT 5	Head	802.11n (HT40)	Power State 4 Mode A	0	Right Cheek	54	5270	97.76%	0.005	19.00	18.00					
ANT 5	Head	802.11n (HT40)	Power State 4 Mode A	0	Right Tilt	54	5270	97.76%	0.001	19.00	18.00					
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 4 Mode B	5	Back	42	5210	95.55%	0.181	16.00	14.50	0.253	0.374	0.081	0.114	
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 4 Mode B	5	Front	42	5210	95.55%	0.078	16.00	14.50					
ANT 5	Hotspot	802.11ac (VHT80)	Power State 4 Mode B	5	Edge Bottom	42	5210	95.55%	0.008	16.00	14.50					
ANT 5	Hotspot	802.11ac (VHT80)	Power State 4 Mode B	5	Edge Left	42	5210	95.55%	0.112	16.00	14.50					
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Duty Cycle (%)	Area Scan Max. SAR (W/kg)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 6	Head	802.11n (HT40)	Power State 4 Mode A	0	Left Cheek	46	5230	97.76%	0.156	17.25	16.93					
ANT 6	Head	802.11n (HT40)	Power State 4 Mode A	0	Left Tilt	46	5230	97.76%	0.158	17.25	16.93					
ANT 6	Head	802.11n (HT40)	Power State 4 Mode A	0	Right Cheek	46	5230	97.76%	0.288	17.25	16.93	0.376	0.424	0.114	0.128	
ANT 6	Head	802.11n (HT40)	Power State 4 Mode A	0	Right Tilt	46	5230	97.76%	0.382	17.25	16.93	0.410	0.451	0.128	0.141	
ANT 6	Body & Hotspot	802.11ac (VHT80)	Power State 4 Mode B	5	Back	42	5210	95.55%	0.241	16.00	14.50	0.254	0.375	0.079	0.117	
ANT 6	Body & Hotspot	802.11ac (VHT80)	Power State 4 Mode B	5	Front	42	5210	95.55%	0.078	16.00	14.50					
ANT 6	Hotspot	802.11ac (VHT80)	Power State 4 Mode B	5	Edge Top	42	5210	95.55%	0.034	16.00	14.50					
ANT 6	Hotspot	802.11ac (VHT80)	Power State 4 Mode B	5	Edge Left	42	5210	95.55%	0.068	16.00	14.50					

Notes:

Power State 2 and 3 maximum output power same as Power State 1

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Duty Cycle (%)	Area Scan Max. SAR (W/kg)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 5	Head	802.11n (HT40)	Power State 5 Mode A	0	Left Cheek	54	5270	97.76%	0.093	20.50	19.88	0.097	0.114	0.030	0.035	
ANT 5	Head	802.11n (HT40)	Power State 5 Mode A	0	Left Tilt	54	5270	97.76%	0.011	20.50	19.88					
ANT 5	Head	802.11n (HT40)	Power State 5 Mode A	0	Right Cheek	54	5270	97.76%	0.030	20.50	19.88					
ANT 5	Head	802.11n (HT40)	Power State 5 Mode A	0	Right Tilt	54	5270	97.76%	0.021	20.50	19.88					
ANT 5	Body & Hotspot	802.11n (HT40)	Power State 5 Mode B	5	Back	38	5190	97.76%	0.185	16.50	16.00	0.192	0.220	0.046	0.053	
ANT 5	Body & Hotspot	802.11n (HT40)	Power State 5 Mode B	5	Back	46	5230	97.76%	0.511	19.50	19.11	0.841	0.941	0.251	0.281	
ANT 5	Body & Hotspot	802.11n (HT40)	Power State 5 Mode B	5	Front	46	5230	97.76%	0.242	19.50	19.11	0.272	0.304	0.089	0.100	
ANT 5	Hotspot	802.11n (HT40)	Power State 5 Mode B	5	Edge Bottom	46	5230	97.76%	0.036	19.50	19.11					
ANT 5	Hotspot	802.11n (HT40)	Power State 5 Mode B	5	Edge Left	46	5230	97.76%	0.374	19.50	19.11	0.384	0.430	0.128	0.143	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Duty Cycle (%)	Area Scan Max. SAR (W/kg)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 6	Head	802.11n (HT40)	Power State 5 Mode A	0	Left Cheek	46	5230	97.76%	0.249	20.50	20.03					
ANT 6	Head	802.11n (HT40)	Power State 5 Mode A	0	Left Tilt	46	5230	97.76%	0.277	20.50	20.03					
ANT 6	Head	802.11n (HT40)	Power State 5 Mode A	0	Right Cheek	38	5190	97.76%	0.177	16.50	15.69	0.196	0.242	0.060	0.074	
ANT 6	Head	802.11n (HT40)	Power State 5 Mode A	0	Right Cheek	46	5230	97.76%	0.823	20.50	20.03	0.849	**0.968**	0.282	0.321	108
ANT 6	Head	802.11n (HT40)	Power State 5 Mode A	0	Right Tilt	46	5230	97.76%	0.439	20.50	20.03	0.527	0.601	0.168	0.191	
ANT 6	Body & Hotspot	802.11n (HT40)	Power State 5 Mode B	5	Back	38	5190	97.76%	0.253	16.50	15.74	0.277	0.338	0.088	0.107	
ANT 6	Body & Hotspot	802.11n (HT40)	Power State 5 Mode B	5	Back	46	5230	97.76%	0.418	19.50	18.90	0.802	0.942	0.243	0.285	
ANT 6	Body & Hotspot	802.11n (HT40)	Power State 5 Mode B	5	Front	46	5230	97.76%	0.190	19.50	18.90	0.155	0.182	0.054	0.063	
ANT 6	Hotspot	802.11n (HT40)	Power State 5 Mode B	5	Edge Top	46	5230	97.76%	0.068	19.50	18.90					
ANT 6	Hotspot	802.11n (HT40)	Power State 5 Mode B	5	Edge Left	46	5230	97.76%	0.205	19.50	18.90	0.257	0.302	0.085	0.100	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Duty Cycle (%)	Area Scan Max. SAR (W/kg)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 5	Head	802.11n (HT40)	Power State 6 Mode A	0	Left Cheek	54	5270	97.76%	0.093	18.00	18.00	0.097	0.099	0.030	0.031	
ANT 5	Head	802.11n (HT40)	Power State 6 Mode A	0	Left Tilt	54	5270	97.76%	0.011	18.00	18.00					
ANT 5	Head	802.11n (HT40)	Power State 6 Mode A	0	Right Cheek	54	5270	97.76%	0.030	18.00	18.00					
ANT 5	Head	802.11n (HT40)	Power State 6 Mode A	0	Right Tilt	54	5270	97.76%	0.021	18.00	18.00					
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 6 Mode B	5	Back	42	5210	95.55%	0.181	15.00	14.50	0.253	0.297	0.081	0.091	
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 6 Mode B	5	Front	42	5210	95.55%	0.078	15.00	14.50					
ANT 5	Hotspot	802.11ac (VHT80)	Power State 6 Mode B	5	Edge Bottom	42	5210	95.55%	0.008	15.00	14.50					
ANT 5	Hotspot	802.11ac (VHT80)	Power State 6 Mode B	5	Edge Left	42	5210	95.55%	0.112	15.00	14.50					
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Duty Cycle (%)	Area Scan Max. SAR (W/kg)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 6	Head	802.11ac (VHT80)	Power State 6 Mode A	0	Left Cheek	42	5210	95.55%	0.058	16.25	15.00					
ANT 6	Head	802.11ac (VHT80)	Power State 6 Mode A	0	Left Tilt	42	5210	95.55%	0.070	16.25	15.00					
ANT 6	Head	802.11ac (VHT80)	Power State 6 Mode A	0	Right Cheek	42	5210	95.55%	0.167	16.25	15.00	0.160	0.223	0.054	0.075	
ANT 6	Head	802.11ac (VHT80)	Power State 6 Mode A	0	Right Tilt	42	5210	95.55%	0.135	16.25	15.00					
ANT 6	Body & Hotspot	802.11ac (VHT80)	Power State 6 Mode B	5	Back	42	5210	95.55%	0.241	15.00	14.50	0.254	0.298	0.079	0.093	
ANT 6	Body & Hotspot	802.11ac (VHT80)	Power State 6 Mode B	5	Front	42	5210	95.55%	0.103	15.00	14.50					
ANT 6	Hotspot	802.11ac (VHT80)	Power State 6 Mode B	5	Edge Top	42	5210	95.55%	0.034	15.00	14.50					
ANT 6	Hotspot	802.11ac (VHT80)	Power State 6 Mode B	5	Edge Left	42	5210	95.55%	0.068	15.00	14.50					

UNII-2C

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Duty Cycle (%)	Area Scan Max. SAR (W/kg)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 5	Head	802.11ac (VHT80)	Power State 1 Mode A	0	Left Cheek	122	5610	95.55%	0.016	20.50	19.39	0.008	0.011	0.000	0.000	
ANT 5	Head	802.11ac (VHT80)	Power State 1 Mode A	0	Left Tilt	122	5610	95.55%	0.001	20.50	19.39					
ANT 5	Head	802.11ac (VHT80)	Power State 1 Mode A	0	Right Cheek	122	5610	95.55%	0.006	20.50	19.39					
ANT 5	Head	802.11ac (VHT80)	Power State 1 Mode A	0	Right Tilt	122	5610	95.55%	0.001	20.50	19.39					
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	Back	106	5530	95.55%	0.347	17.00	16.35	0.380	0.462	0.119	0.145	
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	Back	122	5610	95.55%	0.739	19.50	18.31	0.806	**1.109**	0.249	0.343	109
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	Back	138	5690	95.55%	0.405	19.50	18.06	0.469	0.684	0.152	0.222	
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	Front	122	5610	95.55%	0.159	19.50	18.31	0.173	0.238	0.056	0.077	
ANT 5	Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	Edge Bottom	122	5610	95.55%	0.031	19.50	18.31					
ANT 5	Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	Edge Left	122	5610	95.55%	0.368	19.50	18.31	0.381	**0.524**	0.126	0.173	110
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**Duty Cycle (%)**	**Area Scan Max. SAR (W/kg)**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 6	Head	802.11ac (VHT80)	Power State 1 Mode A	0	Left Cheek	122	5610	95.55%	0.133	20.50	19.88					
ANT 6	Head	802.11ac (VHT80)	Power State 1 Mode A	0	Left Tilt	122	5610	95.55%	0.155	20.50	19.88					
ANT 6	Head	802.11ac (VHT80)	Power State 1 Mode A	0	Right Cheek	122	5610	95.55%	0.289	20.50	19.88	0.349	**0.421**	0.110	0.133	111
ANT 6	Head	802.11ac (VHT80)	Power State 1 Mode A	0	Right Tilt	122	5610	95.55%	0.139	20.50	19.88	0.143	0.173	0.045	0.054	
ANT 6	Body & Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	Back	106	5530	95.55%	0.358	17.00	16.14	0.352	0.449	0.108	0.138	
ANT 6	Body & Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	Back	122	5610	95.55%	0.729	19.25	18.00	0.776	1.083	0.243	0.339	
ANT 6	Body & Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	Back	138	5690	95.55%	0.558	19.25	17.90	0.659	0.941	0.192	0.274	
ANT 6	Body & Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	Front	122	5610	95.55%	0.095	19.25	18.00	0.091	0.127	0.027	0.038	
ANT 6	Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	Edge Top	122	5610	95.55%	0.091	19.25	18.00					
ANT 6	Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	Edge Left	122	5610	95.55%	0.244	19.25	18.00	0.279	0.389	0.088	0.123	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**Duty Cycle (%)**	**Area Scan Max. SAR (W/kg)**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 5	Head	802.11ac (VHT80)	Power State 4 Mode A	0	Left Cheek	122	5610	95.55%	0.010	18.00	16.81	0.009	0.012	0.000	0.000	
ANT 5	Head	802.11ac (VHT80)	Power State 4 Mode A	0	Left Tilt	122	5610	95.55%	0.000	18.00	16.81					
ANT 5	Head	802.11ac (VHT80)	Power State 4 Mode A	0	Right Cheek	122	5610	95.55%	0.000	18.00	16.81					
ANT 5	Head	802.11ac (VHT80)	Power State 4 Mode A	0	Right Tilt	122	5610	95.55%	0.000	18.00	16.81					
ANT 5	Body & Hotspot	802.11ac (VHT160)	Power State 4 Mode B	5	Back	114	5570	92.33%	0.174	15.50	14.01	0.183	0.279	0.041	0.063	
ANT 5	Body & Hotspot	802.11ac (VHT160)	Power State 4 Mode B	5	Front	114	5570	92.33%	0.009	15.50	14.01	0.009	0.014	0.000	0.000	
ANT 5	Hotspot	802.11ac (VHT160)	Power State 4 Mode B	5	Edge Bottom	114	5570	92.33%	0.002	15.50	14.01					
ANT 5	Hotspot	802.11ac (VHT160)	Power State 4 Mode B	5	Edge Left	114	5570	92.33%	0.087	15.50	14.01	0.086	0.131	0.013	0.020	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**Duty Cycle (%)**	**Area Scan Max. SAR (W/kg)**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 6	Head	802.11ac (VHT80)	Power State 4 Mode A	0	Left Cheek	122	5610	95.55%	0.089	18.00	17.00					
ANT 6	Head	802.11ac (VHT80)	Power State 4 Mode A	0	Left Tilt	122	5610	95.55%	0.075	18.00	17.00					
ANT 6	Head	802.11ac (VHT80)	Power State 4 Mode A	0	Right Cheek	122	5610	95.55%	0.177	18.00	17.00	0.175	0.231	0.054	0.071	
ANT 6	Head	802.11ac (VHT80)	Power State 4 Mode A	0	Right Tilt	122	5610	95.55%	0.155	18.00	17.00					
ANT 6	Body & Hotspot	802.11ac (VHT160)	Power State 4 Mode B	5	Back	114	5570	92.33%	0.208	15.25	13.90	0.194	0.287	0.046	0.068	
ANT 6	Body & Hotspot	802.11ac (VHT160)	Power State 4 Mode B	5	Front	114	5570	92.33%	0.018	15.25	13.90					
ANT 6	Hotspot	802.11ac (VHT160)	Power State 4 Mode B	5	Edge Top	114	5570	92.33%	0.028	15.25	13.90					
ANT 6	Hotspot	802.11ac (VHT160)	Power State 4 Mode B	5	Edge Left	114	5570	92.33%	0.101	15.25	13.90					

Notes:

Power State 2 and 3 maximum output power same as Power State 1

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Duty Cycle (%)	Area Scan Max. SAR (W/kg)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 5	Head	802.11ac (VHT80)	Power State 5 Mode A	0	Left Cheek	122	5610	95.55%	0.016	20.50	19.39	0.008	0.011	0.000	0.000	
ANT 5	Head	802.11ac (VHT80)	Power State 5 Mode A	0	Left Tilt	122	5610	95.55%	0.001	20.50	19.39					
ANT 5	Head	802.11ac (VHT80)	Power State 5 Mode A	0	Right Cheek	122	5610	95.55%	0.006	20.50	19.39					
ANT 5	Head	802.11ac (VHT80)	Power State 5 Mode A	0	Right Tilt	122	5610	95.55%	0.001	20.50	19.39					
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Back	106	5530	95.55%	0.347	17.00	16.35	0.380	0.462	0.119	0.145	
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Back	122	5610	95.55%	0.739	19.00	18.31	0.806	0.989	0.249	0.305	
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Back	138	5690	95.55%	0.405	19.00	18.06	0.469	0.609	0.152	0.198	
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Front	122	5610	95.55%	0.159	19.00	18.31	0.173	0.212	0.056	0.069	
ANT 5	Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Edge Bottom	122	5610	95.55%	0.031	19.00	18.31					
ANT 5	Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Edge Left	122	5610	95.55%	0.368	19.00	18.31	0.381	0.467	0.126	0.155	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**Duty Cycle (%)**	**Area Scan Max. SAR (W/kg)**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 6	Head	802.11ac (VHT80)	Power State 5 Mode A	0	Left Cheek	122	5610	95.55%	0.133	20.50	19.88					
ANT 6	Head	802.11ac (VHT80)	Power State 5 Mode A	0	Left Tilt	122	5610	95.55%	0.155	20.50	19.88					
ANT 6	Head	802.11ac (VHT80)	Power State 5 Mode A	0	Right Cheek	122	5610	95.55%	0.289	20.50	19.88	0.349	0.421	0.110	0.133	
ANT 6	Head	802.11ac (VHT80)	Power State 5 Mode A	0	Right Tilt	122	5610	95.55%	0.139	20.50	19.88	0.143	0.173	0.045	0.054	
ANT 6	Body & Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Back	106	5530	95.55%	0.358	17.00	16.14	0.352	0.449	0.108	0.138	
ANT 6	Body & Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Back	122	5610	95.55%	0.729	18.75	18.00	0.776	0.965	0.243	0.302	
ANT 6	Body & Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Back	138	5690	95.55%	0.558	18.75	17.90	0.659	0.839	0.192	0.244	
ANT 6	Body & Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Front	122	5610	95.55%	0.095	18.75	18.00	0.091	0.113	0.027	0.034	
ANT 6	Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Edge Top	122	5610	95.55%	0.091	18.75	18.00					
ANT 6	Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Edge Left	122	5610	95.55%	0.244	18.75	18.00	0.279	0.347	0.088	0.109	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**Duty Cycle (%)**	**Area Scan Max. SAR (W/kg)**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 5	Head	802.11ac (VHT80)	Power State 6 Mode A	0	Left Cheek	122	5610	95.55%	0.010	17.00	16.81	0.009	0.010	0.000	0.000	
ANT 5	Head	802.11ac (VHT80)	Power State 6 Mode A	0	Left Tilt	122	5610	95.55%	0.001	17.00	16.81					
ANT 5	Head	802.11ac (VHT80)	Power State 6 Mode A	0	Right Cheek	122	5610	95.55%	0.001	17.00	16.81					
ANT 5	Head	802.11ac (VHT80)	Power State 6 Mode A	0	Right Tilt	122	5610	95.55%	0.001	17.00	16.81					
ANT 5	Body & Hotspot	802.11ac (VHT160)	Power State 6 Mode B	5	Back	114	5570	92.33%	0.174	14.50	14.01	0.183	0.222	0.041	0.050	
ANT 5	Body & Hotspot	802.11ac (VHT160)	Power State 6 Mode B	5	Front	114	5570	92.33%	0.009	14.50	14.01	0.009	0.011	0.000	0.000	
ANT 5	Hotspot	802.11ac (VHT160)	Power State 6 Mode B	5	Edge Bottom	114	5570	92.33%	0.002	14.50	14.01	0.000	0.000	0.000	0.000	
ANT 5	Hotspot	802.11ac (VHT160)	Power State 6 Mode B	5	Edge Left	114	5570	92.33%	0.087	14.50	14.01	0.086	0.104	0.013	0.016	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**Duty Cycle (%)**	**Area Scan Max. SAR (W/kg)**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 6	Head	802.11ac (VHT80)	Power State 6 Mode A	0	Left Cheek	122	5610	95.55%	0.089	17.00	17.00					
ANT 6	Head	802.11ac (VHT80)	Power State 6 Mode A	0	Left Tilt	122	5610	95.55%	0.075	17.00	17.00					
ANT 6	Head	802.11ac (VHT80)	Power State 6 Mode A	0	Right Cheek	122	5610	95.55%	0.177	17.00	17.00	0.175	0.183	0.054	0.057	
ANT 6	Head	802.11ac (VHT80)	Power State 6 Mode A	0	Right Tilt	122	5610	95.55%	0.155	17.00	17.00					
ANT 6	Body & Hotspot	802.11ac (VHT160)	Power State 6 Mode B	5	Back	114	5570	92.33%	0.208	14.25	13.90	0.194	0.228	0.046	0.054	
ANT 6	Body & Hotspot	802.11ac (VHT160)	Power State 6 Mode B	5	Front	114	5570	92.33%	0.018	14.25	13.90					
ANT 6	Hotspot	802.11ac (VHT160)	Power State 6 Mode B	5	Edge Top	114	5570	92.33%	0.028	14.25	13.90					
ANT 6	Hotspot	802.11ac (VHT160)	Power State 6 Mode B	5	Edge Left	114	5570	92.33%	0.101	14.25	13.90					

UNII-3

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Duty Cycle (%)	Area Scan Max. SAR (W/kg)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 5	Head	802.11a	Power State 1 Mode A	0	Left Cheek	165	5825	98.14%	0.052	21.00	19.74	0.045	0.061	0.009	0.012	
ANT 5	Head	802.11a	Power State 1 Mode A	0	Left Tilt	165	5825	98.14%	0.001	21.00	19.74					
ANT 5	Head	802.11a	Power State 1 Mode A	0	Right Cheek	165	5825	98.14%	0.007	21.00	19.74					
ANT 5	Head	802.11a	Power State 1 Mode A	0	Right Tilt	165	5825	98.14%	0.001	21.00	19.74					
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	Back	155	5775	95.55%	0.777	19.50	18.84	0.818	0.997	0.246	0.300	
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	Front	155	5775	95.55%	0.083	19.50	18.84	0.087	0.106	0.024	0.029	
ANT 5	Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	Edge Bottom	155	5775	95.55%	0.040	19.50	18.84					
ANT 5	Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	Edge Left	155	5775	95.55%	0.310	19.50	18.84	0.339	**0.413**	0.111	0.135	112
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**Duty Cycle (%)**	**Area Scan Max. SAR (W/kg)**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 6	Head	802.11a	Power State 1 Mode A	0	Left Cheek	157	5785	98.14%	0.174	21.00	20.24					
ANT 6	Head	802.11a	Power State 1 Mode A	0	Left Tilt	157	5785	98.14%	0.185	21.00	20.24					
ANT 6	Head	802.11a	Power State 1 Mode A	0	Right Cheek	157	5785	98.14%	0.573	21.00	20.24	0.577	**0.700**	0.163	0.198	113
ANT 6	Head	802.11a	Power State 1 Mode A	0	Right Cheek	165	5825	98.14%	0.257	21.00	20.22	0.275	0.335	0.075	0.091	
ANT 6	Head	802.11a	Power State 1 Mode A	0	Right Tilt	157	5785	98.14%	0.248	21.00	20.24	0.289	0.351	0.083	0.101	
ANT 6	Body & Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	Back	155	5775	95.55%	0.768	19.50	19.00	0.901	**1.058**	0.262	0.308	114
ANT 6	Body & Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	Front	155	5775	95.55%	0.059	19.50	19.00	0.053	0.062	0.015	0.018	
ANT 6	Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	Edge Top	155	5775	95.55%	0.100	19.50	19.00					
ANT 6	Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	Edge Left	155	5775	95.55%	0.297	19.50	19.00	0.300	0.352	0.097	0.114	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**Duty Cycle (%)**	**Area Scan Max. SAR (W/kg)**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 5	Head	802.11ac (VHT80)	Power State 4 Mode A	0	Left Cheek	155	5775	95.55%	0.003	18.50	17.26					
ANT 5	Head	802.11ac (VHT80)	Power State 4 Mode A	0	Left Tilt	155	5775	95.55%	0.002	18.50	17.26					
ANT 5	Head	802.11ac (VHT80)	Power State 4 Mode A	0	Right Cheek	155	5775	95.55%	0.004	18.50	17.26	0.001	0.001	0.000	0.000	
ANT 5	Head	802.11ac (VHT80)	Power State 4 Mode A	0	Right Tilt	155	5775	95.55%	0.000	18.50	17.26					
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 4 Mode B	5	Back	155	5775	95.55%	0.309	15.50	14.30	0.325	0.448	0.094	0.130	
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 4 Mode B	5	Front	155	5775	95.55%	0.023	15.50	14.30	0.023	0.032	0.002	0.003	
ANT 5	Hotspot	802.11ac (VHT80)	Power State 4 Mode B	5	Edge Bottom	155	5775	95.55%	0.017	15.50	14.30					
ANT 5	Hotspot	802.11ac (VHT80)	Power State 4 Mode B	5	Edge Left	155	5775	95.55%	0.120	15.50	14.30	0.117	0.161	0.037	0.051	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**Duty Cycle (%)**	**Area Scan Max. SAR (W/kg)**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 6	Head	802.11ac (VHT80)	Power State 4 Mode A	0	Left Cheek	155	5775	95.55%	0.127	19.50	18.38					
ANT 6	Head	802.11ac (VHT80)	Power State 4 Mode A	0	Left Tilt	155	5775	95.55%	0.151	19.50	18.38					
ANT 6	Head	802.11ac (VHT80)	Power State 4 Mode A	0	Right Cheek	155	5775	95.55%	0.187	19.50	18.38	0.182	0.247	0.054	0.073	
ANT 6	Head	802.11ac (VHT80)	Power State 4 Mode A	0	Right Tilt	155	5775	95.55%	0.166	19.50	18.38					
ANT 6	Body & Hotspot	802.11ac (VHT80)	Power State 4 Mode B	5	Back	155	5775	95.55%	0.259	15.50	14.25	0.284	0.396	0.080	0.112	
ANT 6	Body & Hotspot	802.11ac (VHT80)	Power State 4 Mode B	5	Front	155	5775	95.55%	0.025	15.50	14.25					
ANT 6	Hotspot	802.11ac (VHT80)	Power State 4 Mode B	5	Edge Top	155	5775	95.55%	0.030	15.50	14.25					
ANT 6	Hotspot	802.11ac (VHT80)	Power State 4 Mode B	5	Edge Left	155	5775	95.55%	0.103	15.50	14.25					

Notes:

Power State 2 and 3 maximum output power same as Power State 1

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Duty Cycle (%)	Area Scan Max. SAR (W/kg)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 5	Head	802.11a	Power State 5 Mode A	0	Left Cheek	165	5825	98.14%	0.052	21.00	19.74	0.045	0.061	0.009	0.012	
ANT 5	Head	802.11a	Power State 5 Mode A	0	Left Tilt	165	5825	98.14%	0.001	21.00	19.74					
ANT 5	Head	802.11a	Power State 5 Mode A	0	Right Cheek	165	5825	98.14%	0.007	21.00	19.74					
ANT 5	Head	802.11a	Power State 5 Mode A	0	Right Tilt	165	5825	98.14%	0.001	21.00	19.74					
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Back	155	5775	95.55%	0.777	19.00	18.84	0.818	0.888	0.246	0.267	
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Front	155	5775	95.55%	0.083	19.00	18.84	0.087	0.094	0.024	0.026	
ANT 5	Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Edge Bottom	155	5775	95.55%	0.040	19.00	18.84					
ANT 5	Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Edge Left	155	5775	95.55%	0.310	19.00	18.84	0.339	0.368	0.111	0.121	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Duty Cycle (%)	Area Scan Max. SAR (W/kg)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 6	Head	802.11a	Power State 5 Mode A	0	Left Cheek	157	5785	98.14%	0.174	21.00	20.24					
ANT 6	Head	802.11a	Power State 5 Mode A	0	Left Tilt	157	5785	98.14%	0.185	21.00	20.24					
ANT 6	Head	802.11a	Power State 5 Mode A	0	Right Cheek	157	5785	98.14%	0.573	21.00	20.24	0.577	0.700	0.163	0.198	
ANT 6	Head	802.11a	Power State 5 Mode A	0	Right Cheek	165	5825	98.14%	0.257	21.00	20.22	0.275	0.335	0.075	0.091	
ANT 6	Head	802.11a	Power State 5 Mode A	0	Right Tilt	157	5785	98.14%	0.248	21.00	20.24	0.289	0.351	0.083	0.101	
ANT 6	Body & Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Back	155	5775	95.55%	0.768	19.00	19.00	0.901	0.943	0.262	0.274	
ANT 6	Body & Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Front	155	5775	95.55%	0.059	19.00	19.00	0.053	0.055	0.015	0.016	
ANT 6	Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Edge Top	155	5775	95.55%	0.100	19.00	19.00					
ANT 6	Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Edge Left	155	5775	95.55%	0.297	19.00	19.00	0.300	0.314	0.097	0.102	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Duty Cycle (%)	Area Scan Max. SAR (W/kg)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 5	Head	802.11ac (VHT80)	Power State 6 Mode A	0	Left Cheek	155	5775	95.55%	0.003	17.50	17.26					
ANT 5	Head	802.11ac (VHT80)	Power State 6 Mode A	0	Left Tilt	155	5775	95.55%	0.002	17.50	17.26					
ANT 5	Head	802.11ac (VHT80)	Power State 6 Mode A	0	Right Cheek	155	5775	95.55%	0.004	17.50	17.26	0.001	0.001	0.000	0.000	
ANT 5	Head	802.11ac (VHT80)	Power State 6 Mode A	0	Right Tilt	155	5775	95.55%	0.000	17.50	17.26					
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 6 Mode B	5	Back	155	5775	95.55%	0.309	14.50	14.30	0.325	0.356	0.094	0.103	
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 6 Mode B	5	Front	155	5775	95.55%	0.023	14.50	14.30					
ANT 5	Hotspot	802.11ac (VHT80)	Power State 6 Mode B	5	Edge Bottom	155	5775	95.55%	0.017	14.50	14.30					
ANT 5	Hotspot	802.11ac (VHT80)	Power State 6 Mode B	5	Edge Left	155	5775	95.55%	0.120	14.50	14.30					
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Duty Cycle (%)	Area Scan Max. SAR (W/kg)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 6	Head	802.11ac (VHT80)	Power State 6 Mode A	0	Left Cheek	155	5775	95.55%	0.127	18.50	18.38					
ANT 6	Head	802.11ac (VHT80)	Power State 6 Mode A	0	Left Tilt	155	5775	95.55%	0.151	18.50	18.38					
ANT 6	Head	802.11ac (VHT80)	Power State 6 Mode A	0	Right Cheek	155	5775	95.55%	0.156	18.50	18.38	0.182	0.196	0.054	0.058	
ANT 6	Head	802.11ac (VHT80)	Power State 6 Mode A	0	Right Tilt	155	5775	95.55%	0.166	18.50	18.38					
ANT 6	Body & Hotspot	802.11ac (VHT80)	Power State 6 Mode B	5	Back	155	5775	95.55%	0.259	14.50	14.25	0.284	0.315	0.080	0.089	
ANT 6	Body & Hotspot	802.11ac (VHT80)	Power State 6 Mode B	5	Front	155	5775	95.55%	0.025	14.50	14.25					
ANT 6	Hotspot	802.11ac (VHT80)	Power State 6 Mode B	5	Edge Top	155	5775	95.55%	0.030	14.50	14.25					
ANT 6	Hotspot	802.11ac (VHT80)	Power State 6 Mode B	5	Edge Left	155	5775	95.55%	0.103	14.50	14.25					

10.39. Wi-Fi 6E (U-NII 5-8 Bands)

The iPD measurements are recorded in UL 14523771-S10 Report.

10.40. Bluetooth 2.4GHz

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 3	Head	LE (1 Mbps)	PStandalone Mode A	0	Left Cheek	39	2441	21.00	19.40	0.085	0.123	0.045	0.065	
ANT 3	Head	LE (1 Mbps)	PStandalone Mode A	0	Left Tilt	39	2441	21.00	19.40	0.048	0.069	0.026	0.038	
ANT 3	Head	LE (1 Mbps)	PStandalone Mode A	0	Right Cheek	39	2441	21.00	19.40	0.053	0.077	0.029	0.042	
ANT 3	Head	LE (1 Mbps)	PStandalone Mode A	0	Right Tilt	39	2441	21.00	19.40	0.071	0.103	0.038	0.055	
ANT 3	Body & Hotspot	LE (1 Mbps)	PStandalone Mode B	5	Back	39	2441	21.00	19.40	0.523	**0.756**	0.276	0.399	115
ANT 3	Body & Hotspot	LE (1 Mbps)	PStandalone Mode B	5	Front	39	2441	21.00	19.40	0.253	0.366	0.132	0.191	
ANT 3	Hotspot	LE (1 Mbps)	PStandalone Mode B	5	Edge Bottom	39	2441	21.00	19.40	0.077	0.111	0.037	0.053	
ANT 3	Hotspot	LE (1 Mbps)	PStandalone Mode B	5	Edge Left	0	2402	21.00	19.10	0.393	0.609	0.186	0.288	
ANT 3	Hotspot	LE (1 Mbps)	PStandalone Mode B	5	Edge Left	39	2441	21.00	19.40	0.646	0.934	0.291	0.421	
ANT 3	Hotspot	LE (1 Mbps)	PStandalone Mode B	5	Edge Left	78	2480	21.00	19.40	0.500	0.723	0.231	0.334	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 4	Head	LE (1 Mbps)	PStandalone Mode A	0	Left Cheek	39	2441	20.50	19.20	0.459	**0.619**	0.199	0.268	116
ANT 4	Head	LE (1 Mbps)	PStandalone Mode A	0	Left Tilt	39	2441	20.50	19.20	0.139	0.188	0.070	0.094	
ANT 4	Head	LE (1 Mbps)	PStandalone Mode A	0	Right Cheek	39	2441	20.50	19.20	0.124	0.167	0.069	0.093	
ANT 4	Head	LE (1 Mbps)	PStandalone Mode A	0	Right Tilt	39	2441	20.50	19.20	0.033	0.045	0.018	0.024	
ANT 4	Body & Hotspot	LE (1 Mbps)	PStandalone Mode B	5	Back	39	2441	20.50	19.20	0.462	0.623	0.203	0.274	
ANT 4	Body & Hotspot	LE (1 Mbps)	PStandalone Mode B	5	Front	39	2441	20.50	19.20	0.278	0.375	0.125	0.169	
ANT 4	Hotspot	LE (1 Mbps)	PStandalone Mode B	5	Edge Top	39	2441	20.50	19.20	0.042	0.057	0.020	0.027	
ANT 4	Hotspot	LE (1 Mbps)	PStandalone Mode B	5	Edge Right	0	2402	20.50	19.30	0.537	0.708	0.227	0.299	
ANT 4	Hotspot	LE (1 Mbps)	PStandalone Mode B	5	Edge Right	39	2441	20.50	19.20	0.692	0.933	0.286	0.386	
ANT 4	Hotspot	LE (1 Mbps)	PStandalone Mode B	5	Edge Right	78	2480	20.50	18.88	0.664	**0.964**	0.281	0.408	117
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 3	Head	GFSK (BDR)	PHigh Mode A	0	Left Cheek	39	2441	19.50	18.47	0.064	0.081	0.034	0.043	
ANT 3	Head	GFSK (BDR)	PHigh Mode A	0	Left Tilt	39	2441	19.50	18.47	0.029	0.037	0.016	0.020	
ANT 3	Head	GFSK (BDR)	PHigh Mode A	0	Right Cheek	39	2441	19.50	18.47	0.040	0.051	0.021	0.027	
ANT 3	Head	GFSK (BDR)	PHigh Mode A	0	Right Tilt	39	2441	19.50	18.47	0.048	0.061	0.025	0.032	
ANT 3	Body & Hotspot	GFSK (BDR)	PHigh Mode B	5	Back	39	2441	17.50	16.69	0.298	0.359	0.154	0.186	
ANT 3	Body & Hotspot	GFSK (BDR)	PHigh Mode B	5	Front	39	2441	17.50	16.69	0.163	0.196	0.086	0.104	
ANT 3	Hotspot	GFSK (BDR)	PHigh Mode B	5	Edge Bottom	39	2441	17.50	16.69	0.043	0.052	0.021	0.025	
ANT 3	Hotspot	GFSK (BDR)	PHigh Mode B	5	Edge Left	39	2441	17.50	16.69	0.330	0.398	0.151	0.182	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 4	Head	GFSK (BDR)	PHigh Mode A	0	Left Cheek	39	2441	18.00	17.46	0.309	0.350	0.131	0.148	
ANT 4	Head	GFSK (BDR)	PHigh Mode A	0	Left Tilt	39	2441	18.00	17.46	0.087	0.099	0.046	0.052	
ANT 4	Head	GFSK (BDR)	PHigh Mode A	0	Right Cheek	39	2441	18.00	17.46	0.134	0.152	0.071	0.080	
ANT 4	Head	GFSK (BDR)	PHigh Mode A	0	Right Tilt	39	2441	18.00	17.46	0.034	0.039	0.018	0.020	
ANT 4	Body & Hotspot	GFSK (BDR)	PHigh Mode B	5	Back	39	2441	17.00	16.31	0.261	0.306	0.116	0.136	
ANT 4	Body & Hotspot	GFSK (BDR)	PHigh Mode B	5	Front	39	2441	17.00	16.31	0.131	0.154	0.060	0.070	
ANT 4	Hotspot	GFSK (BDR)	PHigh Mode B	5	Edge Top	39	2441	17.00	16.31	0.020	0.023	0.008	0.009	
ANT 4	Hotspot	GFSK (BDR)	PHigh Mode B	5	Edge Right	39	2441	17.00	16.31	0.325	0.381	0.136	0.159	

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 3	Head	GFSK (BDR)	PMid Mode A	0	Left Cheek	39	2441	13.50	12.40	0.012	0.015	0.006	0.008	
ANT 3	Head	GFSK (BDR)	PMid Mode A	0	Left Tilt	39	2441	13.50	12.40	0.006	0.008	0.002	0.003	
ANT 3	Head	GFSK (BDR)	PMid Mode A	0	Right Cheek	39	2441	13.50	12.40	0.007	0.009	0.003	0.004	
ANT 3	Head	GFSK (BDR)	PMid Mode A	0	Right Tilt	39	2441	13.50	12.40	0.011	0.014	0.005	0.006	
ANT 3	Body & Hotspot	GFSK (BDR)	PMid Mode B	5	Back	39	2441	12.50	10.80	0.057	0.084	0.030	0.044	
ANT 3	Body & Hotspot	GFSK (BDR)	PMid Mode B	5	Front	39	2441	12.50	10.80	0.041	0.061	0.020	0.030	
ANT 3	Hotspot	GFSK (BDR)	PMid Mode B	5	Edge Bottom	39	2441	12.50	10.80	0.009	0.013	0.003	0.004	
ANT 3	Hotspot	GFSK (BDR)	PMid Mode B	5	Edge Left	39	2441	12.50	10.80	0.064	0.095	0.028	0.041	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 4	Head	GFSK (BDR)	PMid Mode A	0	Left Cheek	39	2441	12.00	10.71	0.048	0.065	0.020	0.027	
ANT 4	Head	GFSK (BDR)	PMid Mode A	0	Left Tilt	39	2441	12.00	10.71	0.014	0.019	0.007	0.009	
ANT 4	Head	GFSK (BDR)	PMid Mode A	0	Right Cheek	39	2441	12.00	10.71	0.011	0.015	0.006	0.008	
ANT 4	Head	GFSK (BDR)	PMid Mode A	0	Right Tilt	39	2441	12.00	10.71	0.004	0.005	0.001	0.001	
ANT 4	Body & Hotspot	GFSK (BDR)	PMid Mode B	5	Back	39	2441	11.00	10.71	0.076	0.081	0.033	0.035	
ANT 4	Body & Hotspot	GFSK (BDR)	PMid Mode B	5	Front	39	2441	11.00	10.71	0.034	0.036	0.015	0.016	
ANT 4	Hotspot	GFSK (BDR)	PMid Mode B	5	Edge Top	39	2441	11.00	10.71	0.004	0.004	0.000	0.000	
ANT 4	Hotspot	GFSK (BDR)	PMid Mode B	5	Edge Right	39	2441	11.00	10.71	0.077	0.082	0.032	0.034	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 3	Head	GFSK (BDR)	PLow Mode A	0	Left Cheek	39	2441	13.50	12.40	0.012	0.015	0.006	0.008	
ANT 3	Head	GFSK (BDR)	PLow Mode A	0	Left Tilt	39	2441	13.50	12.40	0.006	0.008	0.002	0.003	
ANT 3	Head	GFSK (BDR)	PLow Mode A	0	Right Cheek	39	2441	13.50	12.40	0.007	0.009	0.003	0.004	
ANT 3	Head	GFSK (BDR)	PLow Mode A	0	Right Tilt	39	2441	13.50	12.40	0.011	0.014	0.005	0.006	
ANT 3	Body & Hotspot	GFSK (BDR)	PLow Mode B	5	Back	39	2441	11.50	10.80	0.057	0.067	0.030	0.035	
ANT 3	Body & Hotspot	GFSK (BDR)	PLow Mode B	5	Front	39	2441	11.50	10.80	0.041	0.048	0.020	0.023	
ANT 3	Hotspot	GFSK (BDR)	PLow Mode B	5	Edge Bottom	39	2441	11.50	10.80	0.009	0.011	0.003	0.004	
ANT 3	Hotspot	GFSK (BDR)	PLow Mode B	5	Edge Left	39	2441	11.50	10.80	0.064	0.075	0.028	0.033	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 4	Head	GFSK (BDR)	PLow Mode A	0	Left Cheek	39	2441	12.00	10.71	0.048	0.065	0.020	0.027	
ANT 4	Head	GFSK (BDR)	PLow Mode A	0	Left Tilt	39	2441	12.00	10.71	0.014	0.019	0.007	0.009	
ANT 4	Head	GFSK (BDR)	PLow Mode A	0	Right Cheek	39	2441	12.00	10.71	0.011	0.015	0.006	0.008	
ANT 4	Head	GFSK (BDR)	PLow Mode A	0	Right Tilt	39	2441	12.00	10.71	0.004	0.005	0.001	0.001	
ANT 4	Body & Hotspot	GFSK (BDR)	PLow Mode B	5	Back	39	2441	11.00	10.71	0.076	0.081	0.033	0.035	
ANT 4	Body & Hotspot	GFSK (BDR)	PLow Mode B	5	Front	39	2441	11.00	10.71	0.034	0.036	0.015	0.016	
ANT 4	Hotspot	GFSK (BDR)	PLow Mode B	5	Edge Top	39	2441	11.00	10.71	0.004	0.004	0.000	0.000	
ANT 4	Hotspot	GFSK (BDR)	PLow Mode B	5	Edge Right	39	2441	11.00	10.71	0.077	0.082	0.032	0.034	

Notes:

Refer to §6.2 for Duty Cycle used for SAR testing.

10.41. NB UNII

UNII-1

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 5	Head	π/4 DQPSK (HDR8)	PStandalone Mode A	0	Left Cheek	Mid	5230	14.00	12.77	0.013	0.017	0.002	0.003	
ANT 5	Head	π/4 DQPSK (HDR8)	PStandalone Mode A	0	Left Tilt	Mid	5230	14.00	12.77	0.000	0.000	0.000	0.000	
ANT 5	Head	π/4 DQPSK (HDR8)	PStandalone Mode A	0	Right Cheek	Mid	5230	14.00	12.77	0.001	0.001	0.000	0.000	
ANT 5	Head	π/4 DQPSK (HDR8)	PStandalone Mode A	0	Right Tilt	Mid	5230	14.00	12.77	0.001	0.001	0.000	0.000	
ANT 5	Body & Hotspot	π/4 DQPSK (HDR8)	PStandalone Mode B	5	Back	Mid	5230	14.00	12.77	0.147	0.195	0.040	0.053	
ANT 5	Body & Hotspot	π/4 DQPSK (HDR8)	PStandalone Mode B	5	Front	Mid	5230	14.00	12.77	0.039	0.052	0.010	0.013	
ANT 5	Hotspot	π/4 DQPSK (HDR8)	PStandalone Mode B	5	Edge Bottom	Mid	5230	14.00	12.77	0.005	0.007	0.002	0.003	
ANT 5	Hotspot	π/4 DQPSK (HDR8)	PStandalone Mode B	5	Edge Left	Mid	5230	14.00	12.77	0.065	**0.086**	0.021	0.028	118
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 6	Head	π/4 DQPSK (HDR8)	PStandalone Mode A	0	Left Cheek	Mid	5230	14.00	13.85	0.048	0.050	0.013	0.013	
ANT 6	Head	π/4 DQPSK (HDR8)	PStandalone Mode A	0	Left Tilt	Mid	5230	14.00	13.85	0.049	0.051	0.011	0.011	
ANT 6	Head	π/4 DQPSK (HDR8)	PStandalone Mode A	0	Right Cheek	Mid	5230	14.00	13.85	0.129	**0.134**	0.042	0.043	119
ANT 6	Head	π/4 DQPSK (HDR8)	PStandalone Mode A	0	Right Tilt	Mid	5230	14.00	13.85	0.099	0.102	0.030	0.031	
ANT 6	Body & Hotspot	π/4 DQPSK (HDR8)	PStandalone Mode B	5	Back	Mid	5230	14.00	13.85	0.180	0.186	0.053	0.055	
ANT 6	Body & Hotspot	π/4 DQPSK (HDR8)	PStandalone Mode B	5	Front	Mid	5230	14.00	13.85	0.045	0.047	0.014	0.014	
ANT 6	Hotspot	π/4 DQPSK (HDR8)	PStandalone Mode B	5	Edge Top	Mid	5230	14.00	13.85	0.035	0.036	0.011	0.011	
ANT 6	Hotspot	π/4 DQPSK (HDR8)	PStandalone Mode B	5	Edge Left	Mid	5230	14.00	13.85	0.063	0.065	0.017	0.018	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 5	Head	π/4 DQPSK (HDR8)	PHigh Mode A	0	Left Cheek	Mid	5230	14.00	12.77	0.013	0.017	0.002	0.003	
ANT 5	Head	π/4 DQPSK (HDR8)	PHigh Mode A	0	Left Tilt	Mid	5230	14.00	12.77	0.000	0.000	0.000	0.000	
ANT 5	Head	π/4 DQPSK (HDR8)	PHigh Mode A	0	Right Cheek	Mid	5230	14.00	12.77	0.001	0.001	0.000	0.000	
ANT 5	Head	π/4 DQPSK (HDR8)	PHigh Mode A	0	Right Tilt	Mid	5230	14.00	12.77	0.001	0.001	0.000	0.000	
ANT 5	Body & Hotspot	π/4 DQPSK (HDR8)	PHigh Mode B	5	Back	Mid	5230	14.00	12.77	0.147	**0.195**	0.040	0.053	120
ANT 5	Body & Hotspot	π/4 DQPSK (HDR8)	PHigh Mode B	5	Front	Mid	5230	14.00	12.77	0.039	0.052	0.010	0.013	
ANT 5	Hotspot	π/4 DQPSK (HDR8)	PHigh Mode B	5	Edge Bottom	Mid	5230	14.00	12.77	0.005	0.007	0.002	0.003	
ANT 5	Hotspot	π/4 DQPSK (HDR8)	PHigh Mode B	5	Edge Left	Mid	5230	14.00	12.77	0.065	0.086	0.021	0.028	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 6	Head	π/4 DQPSK (HDR8)	PHigh Mode A	0	Left Cheek	Mid	5230	14.00	13.85	0.048	0.050	0.013	0.013	
ANT 6	Head	π/4 DQPSK (HDR8)	PHigh Mode A	0	Left Tilt	Mid	5230	14.00	13.85	0.049	0.051	0.011	0.011	
ANT 6	Head	π/4 DQPSK (HDR8)	PHigh Mode A	0	Right Cheek	Mid	5230	14.00	13.85	0.129	0.134	0.042	0.043	
ANT 6	Head	π/4 DQPSK (HDR8)	PHigh Mode A	0	Right Tilt	Mid	5230	14.00	13.85	0.099	0.102	0.030	0.031	
ANT 6	Body & Hotspot	π/4 DQPSK (HDR8)	PHigh Mode B	5	Back	Mid	5230	14.00	13.85	0.180	0.186	0.053	0.055	
ANT 6	Body & Hotspot	π/4 DQPSK (HDR8)	PHigh Mode B	5	Front	Mid	5230	14.00	13.85	0.045	0.047	0.014	0.014	
ANT 6	Hotspot	π/4 DQPSK (HDR8)	PHigh Mode B	5	Edge Top	Mid	5230	14.00	13.85	0.035	0.036	0.011	0.011	
ANT 6	Hotspot	π/4 DQPSK (HDR8)	PHigh Mode B	5	Edge Left	Mid	5230	14.00	13.85	0.063	0.065	0.017	0.018	

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 5	Head	π/4 DQPSK (HDR8)	PMid Mode A	0	Left Cheek	Mid	5230	14.00	12.77	0.013	0.017	0.002	0.003	
ANT 5	Head	π/4 DQPSK (HDR8)	PMid Mode A	0	Left Tilt	Mid	5230	14.00	12.77	0.000	0.000	0.000	0.000	
ANT 5	Head	π/4 DQPSK (HDR8)	PMid Mode A	0	Right Cheek	Mid	5230	14.00	12.77	0.001	0.001	0.000	0.000	
ANT 5	Head	π/4 DQPSK (HDR8)	PMid Mode A	0	Right Tilt	Mid	5230	14.00	12.77	0.001	0.001	0.000	0.000	
ANT 5	Body & Hotspot	π/4 DQPSK (HDR4)	PMid Mode B	5	Back	Mid	5230	10.50	9.59	0.054	0.067	0.016	0.020	
ANT 5	Body & Hotspot	π/4 DQPSK (HDR4)	PMid Mode B	5	Front	Mid	5230	10.50	9.59	0.007	0.009	0.000	0.000	
ANT 5	Hotspot	π/4 DQPSK (HDR4)	PMid Mode B	5	Edge Bottom	Mid	5230	10.50	9.59	0.000	0.000	0.000	0.000	
ANT 5	Hotspot	π/4 DQPSK (HDR4)	PMid Mode B	5	Edge Left	Mid	5230	10.50	9.59	0.014	0.017	0.000	0.000	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 6	Head	π/4 DQPSK (HDR4)	PMid Mode A	0	Left Cheek	Mid	5230	12.00	11.18	0.004	0.005	0.000	0.000	
ANT 6	Head	π/4 DQPSK (HDR4)	PMid Mode A	0	Left Tilt	Mid	5230	12.00	11.18	0.004	0.005	0.000	0.000	
ANT 6	Head	π/4 DQPSK (HDR4)	PMid Mode A	0	Right Cheek	Mid	5230	12.00	11.18	0.035	0.042	0.003	0.004	
ANT 6	Head	π/4 DQPSK (HDR4)	PMid Mode A	0	Right Tilt	Mid	5230	12.00	11.18	0.022	0.027	0.000	0.000	
ANT 6	Body & Hotspot	GFSK (BDR)	PMid Mode B	5	Back	Mid	5230	10.00	9.79	0.058	0.061	0.007	0.007	
ANT 6	Body & Hotspot	GFSK (BDR)	PMid Mode B	5	Front	Mid	5230	10.00	9.79	0.000	0.000	0.000	0.000	
ANT 6	Hotspot	GFSK (BDR)	PMid Mode B	5	Edge Top	Mid	5230	10.00	9.79	0.000	0.000	0.000	0.000	
ANT 6	Hotspot	GFSK (BDR)	PMid Mode B	5	Edge Left	Mid	5230	10.00	9.79	0.006	0.006	0.000	0.000	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 5	Head	π/4 DQPSK (HDR8)	PLow Mode A	0	Left Cheek	Mid	5230	14.00	12.77	0.013	0.017	0.002	0.003	
ANT 5	Head	π/4 DQPSK (HDR8)	PLow Mode A	0	Left Tilt	Mid	5230	14.00	12.77	0.000	0.000	0.000	0.000	
ANT 5	Head	π/4 DQPSK (HDR8)	PLow Mode A	0	Right Cheek	Mid	5230	14.00	12.77	0.001	0.001	0.000	0.000	
ANT 5	Head	π/4 DQPSK (HDR8)	PLow Mode A	0	Right Tilt	Mid	5230	14.00	12.77	0.001	0.001	0.000	0.000	
ANT 5	Body & Hotspot	π/4 DQPSK (HDR4)	PLow Mode B	5	Back	0	5230	10.50	9.59	0.054	0.067	0.016	0.020	
ANT 5	Body & Hotspot	π/4 DQPSK (HDR4)	PLow Mode B	5	Front	0	5230	10.50	9.59	0.007	0.009	0.000	0.000	
ANT 5	Hotspot	π/4 DQPSK (HDR4)	PLow Mode B	5	Edge Bottom	0	5230	10.50	9.59	0.000	0.000	0.000	0.000	
ANT 5	Hotspot	π/4 DQPSK (HDR4)	PLow Mode B	5	Edge Left	0	5230	10.50	9.59	0.014	0.017	0.000	0.000	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 6	Head	π/4 DQPSK (HDR4)	PLow Mode A	0	Left Cheek	0	5230	12.00	11.18	0.004	0.005	0.000	0.000	
ANT 6	Head	π/4 DQPSK (HDR4)	PLow Mode A	0	Left Tilt	0	5230	12.00	11.18	0.004	0.005	0.000	0.000	
ANT 6	Head	π/4 DQPSK (HDR4)	PLow Mode A	0	Right Cheek	0	5230	12.00	11.18	0.035	0.042	0.003	0.004	
ANT 6	Head	π/4 DQPSK (HDR4)	PLow Mode A	0	Right Tilt	0	5230	12.00	11.18	0.022	0.027	0.000	0.000	
ANT 6	Body & Hotspot	GFSK (BDR)	PLow Mode B	5	Back	0	5230	10.00	9.79	0.058	0.061	0.007	0.007	
ANT 6	Body & Hotspot	GFSK (BDR)	PLow Mode B	5	Front	0	5230	10.00	9.79	0.000	0.000	0.000	0.000	
ANT 6	Hotspot	GFSK (BDR)	PLow Mode B	5	Edge Top	0	5230	10.00	9.79	0.000	0.000	0.000	0.000	
ANT 6	Hotspot	GFSK (BDR)	PLow Mode B	5	Edge Left	0	5230	10.00	9.79	0.006	0.006	0.000	0.000	

Notes:

Refer to §6.2 for Duty Cycle used for SAR testing.

UNII-3

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 5	Head	GFSK (BDR)	PStandalone Mode A	0	Left Cheek	0	5788	19.50	18.71	0.009	0.011	0.000	0.000	
ANT 5	Head	GFSK (BDR)	PStandalone Mode A	0	Left Tilt	0	5788	19.50	18.71	0.000	0.000	0.000	0.000	
ANT 5	Head	GFSK (BDR)	PStandalone Mode A	0	Right Cheek	0	5788	19.50	18.71	0.003	0.004	0.002	0.002	
ANT 5	Head	GFSK (BDR)	PStandalone Mode A	0	Right Tilt	0	5788	19.50	18.71	0.000	0.000	0.000	0.000	
ANT 5	Body & Hotspot	GFSK (BDR)	PStandalone Mode B	5	Back	0	5788	19.50	18.71	0.499	0.599	0.153	0.184	
ANT 5	Body & Hotspot	GFSK (BDR)	PStandalone Mode B	5	Front	0	5788	19.50	18.71	0.079	0.095	0.024	0.029	
ANT 5	Hotspot	GFSK (BDR)	PStandalone Mode B	5	Edge Bottom	0	5788	19.50	18.71	0.041	0.049	0.015	0.018	
ANT 5	Hotspot	GFSK (BDR)	PStandalone Mode B	5	Edge Left	0	5788	19.50	18.71	0.234	0.281	0.076	0.091	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 6	Head	GFSK (BDR)	PStandalone Mode A	0	Left Cheek	0	5788	20.00	18.77	0.091	0.121	0.025	0.033	
ANT 6	Head	GFSK (BDR)	PStandalone Mode A	0	Left Tilt	0	5788	20.00	18.77	0.097	0.129	0.029	0.038	
ANT 6	Head	GFSK (BDR)	PStandalone Mode A	0	Right Cheek	0	5788	20.00	18.77	0.153	0.203	0.035	0.046	
ANT 6	Head	GFSK (BDR)	PStandalone Mode A	0	Right Tilt	0	5788	20.00	18.77	0.165	**0.219**	0.047	0.062	121
ANT 6	Body & Hotspot	GFSK (BDR)	PStandalone Mode B	5	Back	0	5733	20.00	18.67	0.575	0.781	0.165	0.224	
ANT 6	Body & Hotspot	GFSK (BDR)	PStandalone Mode B	5	Back	0	5788	20.00	18.77	0.648	**0.860**	0.185	0.246	122
ANT 6	Body & Hotspot	GFSK (BDR)	PStandalone Mode B	5	Back	0	5844	20.00	18.57	0.601	0.835	0.179	0.249	
ANT 6	Body & Hotspot	GFSK (BDR)	PStandalone Mode B	5	Front	0	5788	20.00	18.77	0.051	0.068	0.015	0.020	
ANT 6	Hotspot	GFSK (BDR)	PStandalone Mode B	5	Edge Top	0	5788	20.00	18.77	0.075	0.100	0.026	0.035	
ANT 6	Hotspot	GFSK (BDR)	PStandalone Mode B	5	Edge Left	0	5788	20.00	18.77	0.215	**0.285**	0.067	0.089	123
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 5	Head	GFSK (BDR)	PHigh Mode A	0	Left Cheek	0	5788	19.00	18.71	0.009	0.010	0.000	0.000	
ANT 5	Head	GFSK (BDR)	PHigh Mode A	0	Left Tilt	0	5788	19.00	18.71	0.000	0.000	0.000	0.000	
ANT 5	Head	GFSK (BDR)	PHigh Mode A	0	Right Cheek	0	5788	19.00	18.71	0.003	0.003	0.002	0.002	
ANT 5	Head	GFSK (BDR)	PHigh Mode A	0	Right Tilt	0	5788	19.00	18.71	0.000	0.000	0.000	0.000	
ANT 5	Body & Hotspot	GFSK (BDR)	PHigh Mode B	5	Back	0	5788	16.50	15.55	0.321	0.399	0.094	0.117	
ANT 5	Body & Hotspot	GFSK (BDR)	PHigh Mode B	5	Front	0	5788	16.50	15.55	0.021	0.026	0.001	0.001	
ANT 5	Hotspot	GFSK (BDR)	PHigh Mode B	5	Edge Bottom	0	5788	16.50	15.55	0.017	0.021	0.006	0.007	
ANT 5	Hotspot	GFSK (BDR)	PHigh Mode B	5	Edge Left	0	5788	16.50	15.55	0.127	0.158	0.042	0.052	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 6	Head	GFSK (BDR)	PHigh Mode A	0	Left Cheek	0	5788	20.00	18.77	0.091	0.121	0.025	0.033	
ANT 6	Head	GFSK (BDR)	PHigh Mode A	0	Left Tilt	0	5788	20.00	18.77	0.097	0.129	0.029	0.038	
ANT 6	Head	GFSK (BDR)	PHigh Mode A	0	Right Cheek	0	5788	20.00	18.77	0.153	0.203	0.035	0.046	
ANT 6	Head	GFSK (BDR)	PHigh Mode A	0	Right Tilt	0	5788	20.00	18.77	0.165	0.219	0.047	0.062	
ANT 6	Body & Hotspot	GFSK (BDR)	PHigh Mode B	5	Back	0	5788	16.50	15.84	0.334	0.389	0.081	0.094	
ANT 6	Body & Hotspot	GFSK (BDR)	PHigh Mode B	5	Front	0	5788	16.50	15.84	0.023	0.027	0.006	0.007	
ANT 6	Hotspot	GFSK (BDR)	PHigh Mode B	5	Edge Top	0	5788	16.50	15.84	0.034	0.040	0.011	0.013	
ANT 6	Hotspot	GFSK (BDR)	PHigh Mode B	5	Edge Left	0	5788	16.50	15.84	0.120	0.140	0.042	0.049	

Notes:

ANT5 Power Mode A for P_{high} is the same as $P_{Standalone}$

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 5	Head	GFSK (BDR)	PMid Mode A	0	Left Cheek	0	5788	13.50	12.61	0.001	0.001	0.000	0.000	
ANT 5	Head	GFSK (BDR)	PMid Mode A	0	Left Tilt	0	5788	13.50	12.61	0.004	0.005	0.000	0.000	
ANT 5	Head	GFSK (BDR)	PMid Mode A	0	Right Cheek	0	5788	13.50	12.61	0.005	0.006	0.000	0.000	
ANT 5	Head	GFSK (BDR)	PMid Mode A	0	Right Tilt	0	5788	13.50	12.61	0.004	0.005	0.000	0.000	
ANT 5	Body & Hotspot	GFSK (BDR)	PMid Mode B	5	Back	0	5788	10.50	10.03	0.075	0.084	0.018	0.020	
ANT 5	Body & Hotspot	GFSK (BDR)	PMid Mode B	5	Front	0	5788	10.50	10.03	0.000	0.000	0.000	0.000	
ANT 5	Hotspot	GFSK (BDR)	PMid Mode B	5	Edge Bottom	0	5788	10.50	10.03	0.000	0.000	0.000	0.000	
ANT 5	Hotspot	GFSK (BDR)	PMid Mode B	5	Edge Left	0	5788	10.50	10.03	0.029	0.032	0.007	0.008	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 6	Head	GFSK (BDR)	PMid Mode A	0	Left Cheek	0	5788	14.50	13.75	0.024	0.029	0.002	0.002	
ANT 6	Head	GFSK (BDR)	PMid Mode A	0	Left Tilt	0	5788	14.50	13.75	0.024	0.029	0.002	0.002	
ANT 6	Head	GFSK (BDR)	PMid Mode A	0	Right Cheek	0	5788	14.50	13.75	0.079	0.094	0.016	0.019	
ANT 6	Head	GFSK (BDR)	PMid Mode A	0	Right Tilt	0	5788	14.50	13.75	0.034	0.040	0.003	0.004	
ANT 6	Body & Hotspot	GFSK (BDR)	PMid Mode B	5	Back	0	5788	10.50	9.85	0.061	0.071	0.014	0.016	
ANT 6	Body & Hotspot	GFSK (BDR)	PMid Mode B	5	Front	0	5788	10.50	9.85	0.004	0.005	0.000	0.000	
ANT 6	Hotspot	GFSK (BDR)	PMid Mode B	5	Edge Top	0	5788	10.50	9.85	0.000	0.000	0.000	0.000	
ANT 6	Hotspot	GFSK (BDR)	PMid Mode B	5	Edge Left	0	5788	10.50	9.85	0.018	0.021	0.001	0.001	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 5	Head	GFSK (BDR)	PLow Mode A	0	Left Cheek	0	5788	13.50	12.61	0.001	0.001	0.000	0.000	
ANT 5	Head	GFSK (BDR)	PLow Mode A	0	Left Tilt	0	5788	13.50	12.61	0.004	0.005	0.000	0.000	
ANT 5	Head	GFSK (BDR)	PLow Mode A	0	Right Cheek	0	5788	13.50	12.61	0.005	0.006	0.000	0.000	
ANT 5	Head	GFSK (BDR)	PLow Mode A	0	Right Tilt	0	5788	13.50	12.61	0.004	0.005	0.000	0.000	
ANT 5	Body & Hotspot	GFSK (BDR)	PLow Mode B	5	Back	0	5788	10.50	10.03	0.075	0.084	0.018	0.020	
ANT 5	Body & Hotspot	GFSK (BDR)	PLow Mode B	5	Front	0	5788	10.50	10.03	0.000	0.000	0.000	0.000	
ANT 5	Hotspot	GFSK (BDR)	PLow Mode B	5	Edge Bottom	0	5788	10.50	10.03	0.000	0.000	0.000	0.000	
ANT 5	Hotspot	GFSK (BDR)	PLow Mode B	5	Edge Left	0	5788	10.50	10.03	0.029	0.032	0.007	0.008	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 6	Head	GFSK (BDR)	PLow Mode A	0	Left Cheek	0	5788	14.50	13.75	0.024	0.029	0.002	0.002	
ANT 6	Head	GFSK (BDR)	PLow Mode A	0	Left Tilt	0	5788	14.50	13.75	0.024	0.029	0.002	0.002	
ANT 6	Head	GFSK (BDR)	PLow Mode A	0	Right Cheek	0	5788	14.50	13.75	0.079	0.094	0.016	0.019	
ANT 6	Head	GFSK (BDR)	PLow Mode A	0	Right Tilt	0	5788	14.50	13.75	0.034	0.040	0.003	0.004	
ANT 6	Body & Hotspot	GFSK (BDR)	PLow Mode B	5	Back	0	5788	10.50	9.85	0.061	0.071	0.014	0.016	
ANT 6	Body & Hotspot	GFSK (BDR)	PLow Mode B	5	Front	0	5788	10.50	9.85	0.004	0.005	0.000	0.000	
ANT 6	Hotspot	GFSK (BDR)	PLow Mode B	5	Edge Top	0	5788	10.50	9.85	0.000	0.000	0.000	0.000	
ANT 6	Hotspot	GFSK (BDR)	PLow Mode B	5	Edge Left	0	5788	10.50	9.85	0.018	0.021	0.001	0.001	

Notes:

Refer to §6.2 for Duty Cycle used for SAR testing.

10.42. MSS (Mobile Satellite Service)

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Body & Hotspot	1-PRB SC-FDMA	Mode B	5	Back	262316	1610.1	22.3	22.0	0.790	0.847	0.399	0.428	
ANT 1	Body & Hotspot	1-PRB SC-FDMA	Mode B	5	Back	262391	1617.6	22.3	22.0	0.759	0.813	0.378	0.405	
ANT 1	Body & Hotspot	1-PRB SC-FDMA	Mode B	5	Back	262466	1625.1	22.3	22.0	0.838	**0.898**	0.404	0.433	124
ANT 1	Body & Hotspot	1-PRB SC-FDMA	Mode B	5	Front	262391	1617.6	22.3	22.0	0.389	0.417	0.209	0.224	
ANT 1	Hotspot	1-PRB SC-FDMA	Mode B	5	Edge Right	262391	1617.6	22.3	22.3	0.464	0.464	0.215	0.215	
ANT 1	Hotspot	1-PRB SC-FDMA	Mode B	5	Edge Bottom	262391	1617.6	22.3	22.3	0.749	**0.749**	0.377	0.377	125
ANT 1	Hotspot	1-PRB SC-FDMA	Mode B	5	Edge Left	262391	1617.6	22.3	22.3	0.008	0.008	0.005	0.005	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 4	Body & Hotspot	1-PRB SC-FDMA	Mode B	5	Back	262316	1610.1	21.5	20.5	0.595	0.749	0.324	0.408	
ANT 4	Body & Hotspot	1-PRB SC-FDMA	Mode B	5	Back	262391	1617.6	21.5	20.5	0.621	0.782	0.338	0.426	
ANT 4	Body & Hotspot	1-PRB SC-FDMA	Mode B	5	Back	262466	1625.1	21.5	20.5	0.633	0.797	0.347	0.437	
ANT 4	Body & Hotspot	1-PRB SC-FDMA	Mode B	5	Front	262316	1610.1	21.5	20.5	0.386	0.486	0.222	0.279	
ANT 4	Body & Hotspot	1-PRB SC-FDMA	Mode B	5	Front	262391	1617.6	21.5	20.5	0.358	0.451	0.209	0.263	
ANT 4	Hotspot	1-PRB SC-FDMA	Mode B	5	Edge Top	262391	1617.6	21.5	20.5	0.047	0.059	0.027	0.034	
ANT 4	Hotspot	1-PRB SC-FDMA	Mode B	5	Edge Right	262316	1610.1	21.5	20.5	0.494	0.622	0.250	0.315	
ANT 4	Hotspot	1-PRB SC-FDMA	Mode B	5	Edge Right	262391	1617.6	21.5	20.5	0.505	0.636	0.259	0.326	
ANT 4	Hotspot	1-PRB SC-FDMA	Mode B	5	Edge Right	262466	1625.1	21.5	20.5	0.576	0.725	0.290	0.365	

10.43. 802.15.4

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 3	Head	O-QPSK (802.15.4)	P Standalone Mode A	0	Left Cheek	Mid	2440	21.00	19.91	0.001	0.001	0.001	0.001	
ANT 3	Head	O-QPSK (802.15.4)	P Standalone Mode A	0	Left Tilt	Mid	2440	21.00	19.91	0.001	0.001	0.001	0.001	
ANT 3	Head	O-QPSK (802.15.4)	P Standalone Mode A	0	Right Cheek	Mid	2440	21.00	19.91	0.001	0.001	0.001	0.001	
ANT 3	Head	O-QPSK (802.15.4)	P Standalone Mode A	0	Right Tilt	Mid	2440	21.00	19.91	0.001	0.001	0.001	0.001	
ANT 3	Body & Hotspot	O-QPSK (802.15.4)	P Standalone Mode B	5	Back	Mid	2440	21.00	19.91	0.001	0.001	0.000	0.000	
ANT 3	Body & Hotspot	O-QPSK (802.15.4)	P Standalone Mode B	5	Front	Mid	2440	21.00	19.91	0.020	0.026	0.009	0.012	
ANT 3	Hotspot	O-QPSK (802.15.4)	P Standalone Mode B	5	Edge Bottom	Mid	2440	21.00	19.91	0.003	0.004	0.000	0.000	
ANT 3	Hotspot	O-QPSK (802.15.4)	P Standalone Mode B	5	Edge Left	Mid	2440	21.00	19.91	0.001	0.001	0.000	0.000	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 4	Head	O-QPSK (802.15.4)	P Standalone Mode A	0	Left Cheek	Mid	2440	21.00	20.27	0.381	**0.451**	0.180	0.213	126
ANT 4	Head	O-QPSK (802.15.4)	P Standalone Mode A	0	Left Tilt	Mid	2440	21.00	20.27	0.220	0.260	0.096	0.114	
ANT 4	Head	O-QPSK (802.15.4)	P Standalone Mode A	0	Right Cheek	Mid	2440	21.00	20.27	0.107	0.127	0.060	0.071	
ANT 4	Head	O-QPSK (802.15.4)	P Standalone Mode A	0	Right Tilt	Mid	2440	21.00	20.27	0.090	0.106	0.044	0.052	
ANT 4	Body & Hotspot	O-QPSK (802.15.4)	P Standalone Mode B	5	Back	Mid	2440	21.00	20.27	0.156	0.185	0.074	0.088	
ANT 4	Body & Hotspot	O-QPSK (802.15.4)	P Standalone Mode B	5	Front	Mid	2440	21.00	20.27	0.159	**0.188**	0.078	0.092	127
ANT 4	Hotspot	O-QPSK (802.15.4)	P Standalone Mode B	5	Edge Top	Mid	2440	21.00	20.27	0.045	0.053	0.023	0.027	
ANT 4	Hotspot	O-QPSK (802.15.4)	P Standalone Mode B	5	Edge Right	Mid	2440	21.00	20.27	0.156	**0.185**	0.076	0.090	128
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 3	Head	O-QPSK (802.15.4)	P High Mode A	0	Left Cheek	Mid	2440	20.50	19.91	0.001	0.001	0.001	0.001	
ANT 3	Head	O-QPSK (802.15.4)	P High Mode A	0	Left Tilt	Mid	2440	20.50	19.91	0.001	0.001	0.001	0.001	
ANT 3	Head	O-QPSK (802.15.4)	P High Mode A	0	Right Cheek	Mid	2440	20.50	19.91	0.001	0.001	0.001	0.001	
ANT 3	Head	O-QPSK (802.15.4)	P High Mode A	0	Right Tilt	Mid	2440	20.50	19.91	0.001	0.001	0.001	0.001	
ANT 3	Body & Hotspot	O-QPSK (802.15.4)	P High Mode B	5	Back	Mid	2440	18.50	17.93	0.013	0.015	0.005	0.006	
ANT 3	Body & Hotspot	O-QPSK (802.15.4)	P High Mode B	5	Front	Mid	2440	18.50	17.93	0.015	0.017	0.006	0.007	
ANT 3	Hotspot	O-QPSK (802.15.4)	P High Mode B	5	Edge Bottom	Mid	2440	18.50	17.93	0.000	0.000	0.000	0.000	
ANT 3	Hotspot	O-QPSK (802.15.4)	P High Mode B	5	Edge Left	Mid	2440	18.50	17.93	0.008	0.009	0.003	0.003	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 4	Head	O-QPSK (802.15.4)	P High Mode A	0	Left Cheek	Mid	2440	19.00	18.10	0.218	0.268	0.101	0.124	
ANT 4	Head	O-QPSK (802.15.4)	P High Mode A	0	Left Tilt	Mid	2440	19.00	18.10	0.113	0.139	0.049	0.060	
ANT 4	Head	O-QPSK (802.15.4)	P High Mode A	0	Right Cheek	Mid	2440	19.00	18.10	0.051	0.063	0.028	0.034	
ANT 4	Head	O-QPSK (802.15.4)	P High Mode A	0	Right Tilt	Mid	2440	19.00	18.10	0.049	0.060	0.024	0.030	
ANT 4	Body & Hotspot	O-QPSK (802.15.4)	P High Mode B	5	Back	Mid	2440	18.00	16.07	0.065	0.101	0.025	0.039	
ANT 4	Body & Hotspot	O-QPSK (802.15.4)	P High Mode B	5	Front	Mid	2440	18.00	16.07	0.058	0.090	0.028	0.044	
ANT 4	Hotspot	O-QPSK (802.15.4)	P High Mode B	5	Edge Top	Mid	2440	18.00	16.07	0.013	0.020	0.006	0.009	
ANT 4	Hotspot	O-QPSK (802.15.4)	P High Mode B	5	Edge Right	Mid	2440	18.00	16.07	0.046	0.072	0.021	0.033	

Notes:

SAR Testing was performed at 100% Duty Cycle. Testing was performed at Maximum Output Power levels set for 100% Duty Cycle.

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 3	Head	O-QPSK (802.15.4)	P Mid Mode A	0	Left Cheek	Mid	2440	14.50	13.94	0.000	0.000	0.000	0.000	
ANT 3	Head	O-QPSK (802.15.4)	P Mid Mode A	0	Left Tilt	Mid	2440	14.50	13.94	0.000	0.000	0.000	0.000	
ANT 3	Head	O-QPSK (802.15.4)	P Mid Mode A	0	Right Cheek	Mid	2440	14.50	13.94	0.000	0.000	0.000	0.000	
ANT 3	Head	O-QPSK (802.15.4)	P Mid Mode A	0	Right Tilt	Mid	2440	14.50	13.94	0.000	0.000	0.000	0.000	
ANT 3	Body & Hotspot	O-QPSK (802.15.4)	P Mid Mode B	5	Back	Mid	2440	12.50	12.39	0.000	0.000	0.000	0.000	
ANT 3	Body & Hotspot	O-QPSK (802.15.4)	P Mid Mode B	5	Front	Mid	2440	12.50	12.39	0.000	0.000	0.000	0.000	
ANT 3	Hotspot	O-QPSK (802.15.4)	P Mid Mode B	5	Edge Bottom	Mid	2440	12.50	12.39	0.000	0.000	0.000	0.000	
ANT 3	Hotspot	O-QPSK (802.15.4)	P Mid Mode B	5	Edge Left	Mid	2440	12.50	12.39	0.000	0.000	0.000	0.000	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 4	Head	O-QPSK (802.15.4)	P Mid Mode A	0	Left Cheek	Mid	2440	13.00	12.82	0.058	0.060	0.027	0.028	
ANT 4	Head	O-QPSK (802.15.4)	P Mid Mode A	0	Left Tilt	Mid	2440	13.00	12.82	0.036	0.063	0.015	0.026	
ANT 4	Head	O-QPSK (802.15.4)	P Mid Mode A	0	Right Cheek	Mid	2440	13.00	12.82	0.014	0.024	0.008	0.014	
ANT 4	Head	O-QPSK (802.15.4)	P Mid Mode A	0	Right Tilt	Mid	2440	13.00	12.82	0.013	0.023	0.006	0.010	
ANT 4	Body & Hotspot	O-QPSK (802.15.4)	P Mid Mode B	5	Back	Mid	2440	12.00	11.75	0.022	0.039	0.009	0.016	
ANT 4	Body & Hotspot	O-QPSK (802.15.4)	P Mid Mode B	5	Front	Mid	2440	12.00	11.75	0.019	0.034	0.008	0.014	
ANT 4	Hotspot	O-QPSK (802.15.4)	P Mid Mode B	5	Edge Top	Mid	2440	12.00	11.75	0.002	0.004	0.000	0.000	
ANT 4	Hotspot	O-QPSK (802.15.4)	P Mid Mode B	5	Edge Right	Mid	2440	12.00	11.75	0.019	0.034	0.008	0.014	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 3	Head	O-QPSK (802.15.4)	P Low Mode A	0	Left Cheek	Mid	2440	14.50	13.94	0.000	0.000	0.000	0.000	
ANT 3	Head	O-QPSK (802.15.4)	P Low Mode A	0	Left Tilt	Mid	2440	14.50	13.94	0.000	0.000	0.000	0.000	
ANT 3	Head	O-QPSK (802.15.4)	P Low Mode A	0	Right Cheek	Mid	2440	14.50	13.94	0.000	0.000	0.000	0.000	
ANT 3	Head	O-QPSK (802.15.4)	P Low Mode A	0	Right Tilt	Mid	2440	14.50	13.94	0.000	0.000	0.000	0.000	
ANT 3	Body & Hotspot	O-QPSK (802.15.4)	P Low Mode B	5	Back	Mid	2440	12.50	12.39	0.000	0.000	0.000	0.000	
ANT 3	Body & Hotspot	O-QPSK (802.15.4)	P Low Mode B	5	Front	Mid	2440	12.50	12.39	0.000	0.000	0.000	0.000	
ANT 3	Hotspot	O-QPSK (802.15.4)	P Low Mode B	5	Edge Bottom	Mid	2440	12.50	12.39	0.000	0.000	0.000	0.000	
ANT 3	Hotspot	O-QPSK (802.15.4)	P Low Mode B	5	Edge Left	Mid	2440	12.50	12.39	0.000	0.000	0.000	0.000	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 4	Head	O-QPSK (802.15.4)	P Low Mode A	0	Left Cheek	Mid	2440	13.00	12.82	0.058	0.060	0.027	0.028	
ANT 4	Head	O-QPSK (802.15.4)	P Low Mode A	0	Left Tilt	Mid	2440	13.00	12.82	0.036	0.038	0.015	0.016	
ANT 4	Head	O-QPSK (802.15.4)	P Low Mode A	0	Right Cheek	Mid	2440	13.00	12.82	0.014	0.015	0.008	0.008	
ANT 4	Head	O-QPSK (802.15.4)	P Low Mode A	0	Right Tilt	Mid	2440	13.00	12.82	0.013	0.014	0.006	0.006	
ANT 4	Body & Hotspot	O-QPSK (802.15.4)	P Low Mode B	5	Back	Mid	2440	12.00	11.75	0.022	0.023	0.009	0.010	
ANT 4	Body & Hotspot	O-QPSK (802.15.4)	P Low Mode B	5	Front	Mid	2440	12.00	11.75	0.019	0.020	0.008	0.008	
ANT 4	Hotspot	O-QPSK (802.15.4)	P Low Mode B	5	Edge Top	Mid	2440	12.00	11.75	0.002	0.002	0.000	0.000	
ANT 4	Hotspot	O-QPSK (802.15.4)	P Low Mode B	5	Edge Right	Mid	2440	12.00	11.75	0.019	0.020	0.008	0.008	

Notes:

SAR Testing was performed at 100% Duty Cycle. Testing was performed at Maximum Output Power levels set for 100% Duty Cycle.

10.44. 802.15.4ab - NB

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 5	Head	O-QPSK (802.15.4ab)	Mode A	0	Left Cheek	Mid	5786.25	20.50	20.20	0.030	0.032	0.003	0.003	
ANT 5	Head	O-QPSK (802.15.4ab)	Mode A	0	Left Tilt	Mid	5786.25	20.50	20.20	0.000	0.000	0.000	0.000	
ANT 5	Head	O-QPSK (802.15.4ab)	Mode A	0	Right Cheek	Mid	5786.25	20.50	20.20	0.000	0.000	0.000	0.000	
ANT 5	Head	O-QPSK (802.15.4ab)	Mode A	0	Right Tilt	Mid	5786.25	20.50	20.20	0.000	0.000	0.000	0.000	
ANT 5	Body & Hotspot	O-QPSK (802.15.4ab)	Mode B	5	Back	Mid	5786.25	18.75	18.00	0.033	0.039	0.011	0.013	
ANT 5	Body & Hotspot	O-QPSK (802.15.4ab)	Mode B	5	Front	Mid	5786.25	18.75	18.00	0.011	0.013	0.002	0.002	
ANT 5	Hotspot	O-QPSK (802.15.4ab)	Mode B	5	Edge Bottom	Mid	5786.25	18.75	18.00	0.003	0.004	0.000	0.000	
ANT 5	Hotspot	O-QPSK (802.15.4ab)	Mode B	5	Edge Left	Mid	5786.25	18.75	18.00	0.036	0.043	0.010	0.012	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 6	Head	O-QPSK (802.15.4ab)	Mode A	0	Left Cheek	Mid	5786.25	20.50	19.60	0.015	0.018	0.000	0.000	
ANT 6	Head	O-QPSK (802.15.4ab)	Mode A	0	Left Tilt	Mid	5786.25	20.50	19.60	0.016	0.020	0.000	0.000	
ANT 6	Head	O-QPSK (802.15.4ab)	Mode A	0	Right Cheek	Mid	5786.25	20.50	19.60	0.026	0.032	0.006	0.007	
ANT 6	Head	O-QPSK (802.15.4ab)	Mode A	0	Right Tilt	Mid	5786.25	20.50	19.60	0.039	**0.048**	0.006	0.007	129
ANT 6	Body & Hotspot	O-QPSK (802.15.4ab)	Mode B	5	Back	Mid	5786.25	18.75	17.70	0.040	**0.051**	0.007	0.009	130
ANT 6	Body & Hotspot	O-QPSK (802.15.4ab)	Mode B	5	Front	Mid	5786.25	18.75	17.70	0.009	0.011	0.000	0.000	
ANT 6	Hotspot	O-QPSK (802.15.4ab)	Mode B	5	Edge Top	Mid	5786.25	18.75	17.70	0.003	0.004	0.000	0.000	
ANT 6	Hotspot	O-QPSK (802.15.4ab)	Mode B	5	Edge Left	Mid	5786.25	18.75	17.70	0.045	**0.057**	0.008	0.010	131

Notes:
Refer to §6.2 for Duty Cycle used for SAR testing.

10.45. NFC

Antenna	RF Exposure Conditions	Mode	Dist. (mm)	Test Position	Freq. (MHz)	1-g Meas. (W/kg)	10-g Meas. (W/kg)	Plot No.
Primary ANT	Extremity	Type A	0	Rear	13.56	0.006	0.003	
				Front	13.56	0.009	0.003	
				Edge Top	13.56	0.018	**0.006**	132
				Edge Left	13.56	0.001	0.000	
Antenna	**RF Exposure Conditions**	**Mode**	**Dist. (mm)**	**Test Position**	**Freq. (MHz)**	**1-g Meas. (W/kg)**	**10-g Meas. (W/kg)**	**Plot No.**
Secondary ANT	Extremity	Type A	0	Rear	13.56	0.001	0.000	
				Front	13.56	0.000	0.000	
				Edge Right	13.56	0.000	0.000	
				Edge Left	13.56	0.000	0.000	

10.46. SAR Results at 25 mm

Additional testing at 25 mm separation distance was performed at Max Output power as requested by the FCC. SAR testing was performed on up to three Cellular bands: one Low Band (below 1 GHz), one Mid/High Band (1 GHz – 3 GHz), and one Ultra High Band (above 3 GHz). Tests performed were determined by the greatest delta between Mode B Power and Max Output power. If there was no delta between Mode B and Max Output power, then testing was deemed unnecessary since the 5mm results are more conservative. The RF exposure condition with the worst-case SAR value was tested.

Technology	Band	Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
NR	n41 PC3	4	Hotspot	DFT-s OFDM π/2 BPSK	Max Output Power	25	Edge Right	518598	2592.99	135	69	25.7	25.7	0.195	**0.195**	0.106	0.106	133
NR	n77 PC3 Block C	9	Body & Hotspot	DFT-s OFDM π/2 BPSK	Max Output Power	25	Back	657200	3858.0	135	69	25.7	24.7	0.159	**0.200**	0.078	0.098	134

Notes:
For Low Band, Mode B Power equals Max Output power, therefore testing was not required.