



SAR EVALUATION REPORT

IEEE Std 1528-2013

For
SMARTPHONE

FCC ID: BCG-E8435A
Model Name: A2848

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Revision History

Rev.	Date	Revisions	Revised By
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V2	7/26/2023	1. Updated §10.43. with the correct <i>Power Mode</i>	Nathan Sousa
V3	8/2/2023	Removed 5G NR n79	Devin Chang
V4	8/3/2023	Section 9.11: Updated Typo.	Devin Chang
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V7	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 Appendix F: Added Dipole	Coltyce Sanders

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1. Attestation of Test Results

Applicant Name		APPLE INC.						
FCC ID		BCG-E8435A						
Model Name		A2848						
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		0.840	0.948	0.939	1.139	1.099	0.635	N/A
Body-worn (Dist.= 5 mm)		0.915	0.949	0.948	1.116	1.159	0.759	N/A
Hotspot (Dist.= 5 mm)		0.915	0.950	0.948	1.118	1.159	0.759	N/A
Extremities (Dist.= 0 mm)		N/A	N/A	N/A	N/A	N/A	N/A	0.005
Simultaneous TX	Head	1.246	1.404	1.345	1.338	1.404	1.404	N/A
	Body-worn	1.469	1.502	1.502	1.511	1.555	1.555	N/A
	Hotspot	1.469	1.502	1.502	1.511	1.555	1.555	N/A
Date Tested		5/24/2023 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

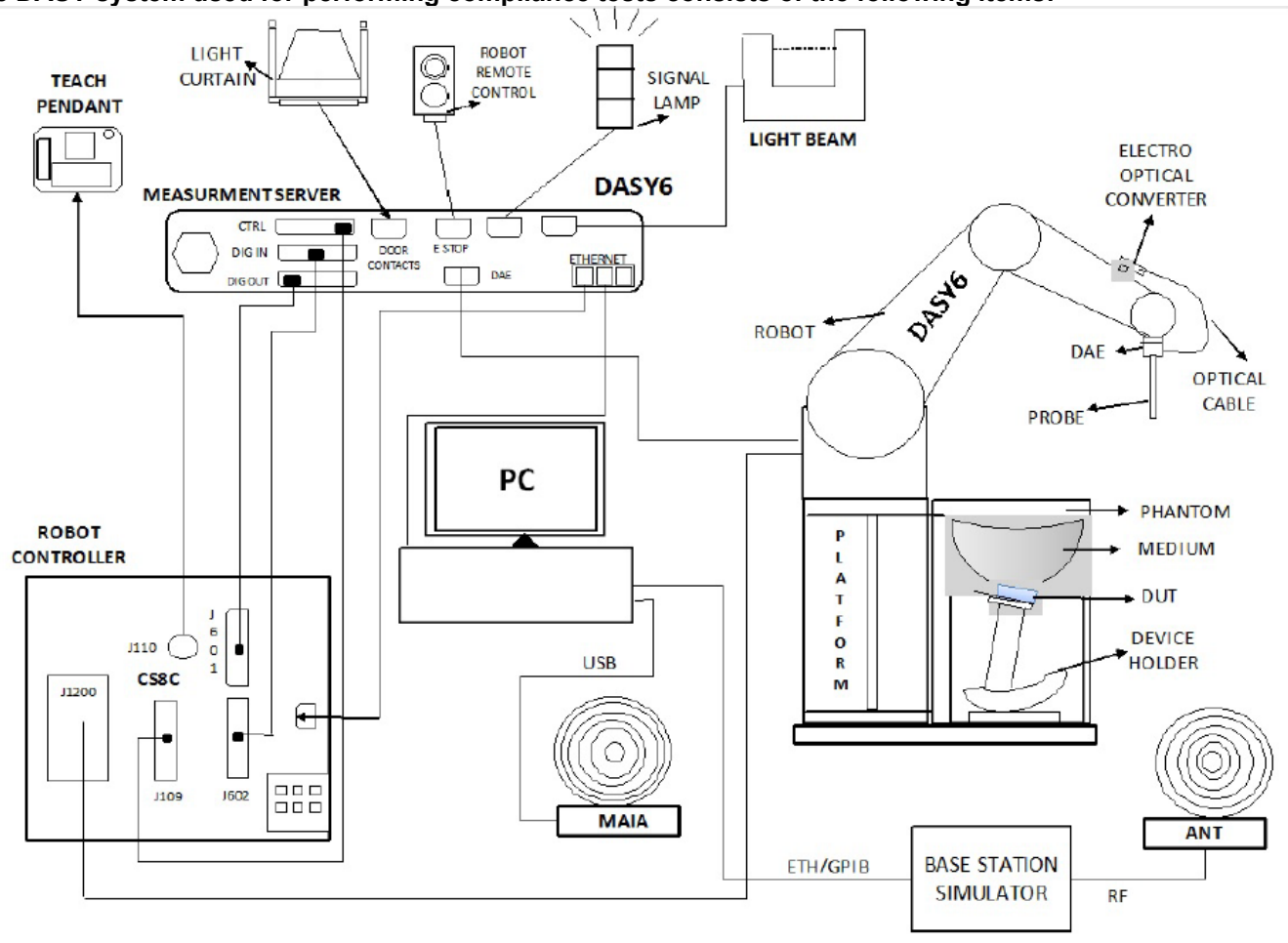
The Test Lab Conformity Assessment Body Identifier (CABID)

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 DASY6/8¹ 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	$\frac{1}{2} \cdot \delta \cdot \ln(2) \pm 0.5$ mm
Maximum probe angle from probe axis to phantom surface normal at the measurement location	$30^\circ \pm 1^\circ$	$20^\circ \pm 1^\circ$
Maximum area scan spatial resolution: $\Delta x_{\text{Area}}, \Delta y_{\text{Area}}$	≤ 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 $\leq$ 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: $\Delta x_{\text{Zoom}}, \Delta y_{\text{Zoom}}$			≤ 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: $\Delta z_{\text{Zoom}}(n)$		≤ 5 mm	3 – 4 GHz: ≤ 4 mm 4 – 5 GHz: ≤ 3 mm 5 – 6 GHz: ≤ 2 mm
	graded grid	$\Delta z_{\text{Zoom}}(1)$: between 1 st two points closest to phantom surface	≤ 4 mm	3 – 4 GHz: ≤ 3 mm 4 – 5 GHz: ≤ 2.5 mm 5 – 6 GHz: ≤ 2 mm
		$\Delta z_{\text{Zoom}}(n>1)$: between subsequent points	$\leq 1.5 \cdot \Delta z_{\text{Zoom}}(n-1)$	
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 <u>reported</u> SAR from the <i>area scan based 1-g SAR estimation</i> 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 Generator	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 Generator	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 Generator	R&S	SMB 100A	171705	2/29/2024
Power Meter	HP	437B	3125U09248	1/31/2024
Power Sensor	R&S	NRP18A	171443	2/29/2024
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 7)	SPEAG	EX3DV4	3749	1/27/2024
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	D1640V2	324	6/13/2024
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 $\leq 30\%$, 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, 5G NR1, 5G NR2, 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 64QAM 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)		98.97% (802.11a/n/ac/ax 20MHz BW) 97.89% (802.11n/ac/ax 40MHz BW) 95.37% (802.11ac/ax 80MHz BW) 98.19% (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)	99.08% (802.11a/ax 20MHz BW) 98.31% (802.11ax 40MHz BW) 98.51% (802.11ax 80MHz BW) 98.36% (802.11ax 160MHz BW)
Bluetooth	2.4 GHz ¹	BR, EDR, LE, and HDR	76.79% _(GFSK)
NB UNII	5150 – 5250 MHz 5725 – 5850 MHz	GFSK, $\pi/4$ DQPSK	75.84%
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. Duty cycle for Wi-Fi and BT is referenced from the DTS and U-NII and BT reports.
2. This device supports Power Class 2 and Power Class 3.
3. LTE Uplink 2CA is the total combined power of the UL CA.
4. LTE Uplink Cat 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/ 794.5		

					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 <table> <tr> <th rowspan="2">Modulation</th><th colspan="6">Channel bandwidth / Transmission bandwidth (N_{RB})</th><th rowspan="2">MPR (dB)</th></tr> <tr> <th>1.4 MHz</th><th>3.0 MHz</th><th>5 MHz</th><th>10 MHz</th><th>15 MHz</th><th>20 MHz</th></tr> <tr> <td>QPSK</td><td>> 5</td><td>> 4</td><td>> 8</td><td>> 12</td><td>> 16</td><td>> 18</td><td>≤ 1</td></tr> <tr> <td>16 QAM</td><td>≤ 5</td><td>≤ 4</td><td>≤ 8</td><td>≤ 12</td><td>≤ 16</td><td>≤ 18</td><td>≤ 1</td></tr> <tr> <td>16 QAM</td><td>> 5</td><td>> 4</td><td>> 8</td><td>> 12</td><td>> 16</td><td>> 18</td><td>≤ 2</td></tr> <tr> <td>64 QAM</td><td>≤ 5</td><td>≤ 4</td><td>≤ 8</td><td>≤ 12</td><td>≤ 16</td><td>≤ 18</td><td>≤ 2</td></tr> <tr> <td>64 QAM</td><td>> 5</td><td>> 4</td><td>> 8</td><td>> 12</td><td>> 16</td><td>> 18</td><td>≤ 3</td></tr> <tr> <td>256 QAM</td><td colspan="6">≥ 1</td><td>≤ 5</td></tr> </table> 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							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
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																																																														
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:

- 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 band 41 test channels in accordance with October 2014 TCB workshop for all channels bandwidths.
- 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	$26336 \cdot T_s$			$7680 \cdot T_s$		
5	$6592 \cdot T_s$	$(2+X) \cdot 2192 \cdot T_s$	$(2+X) \cdot 2560 \cdot T_s$	$20480 \cdot T_s$	$(2+X) \cdot 2192 \cdot T_s$	$(2+X) \cdot 2560 \cdot T_s$
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
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 purpose of the Part 2 test in this report is to demonstrate that the EUT meets the FCC SAR limits when transmitting in static transmission scenario at maximum allowable time-averaged power levels.

The Smart Transmit algorithm maintains the time-averaged transmit power, in turn, time-averaged RF exposure of SAR_design_target or PD_design_target 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 " $P_{\text{limit EFS}}$ " 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 14523740-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:

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

8. Dielectric Property Measurements & System Check

8.1. Dielectric Property Measurements

The temperature of the tissue-equivalent medium used during measurement must also be within 18°C to 25°C and within $\pm 2^\circ\text{C}$ 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 (ϵ_r) and conductivity (σ) of typical tissue-equivalent media recipes are expected to be within $\pm 5\%$ 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 ϵ_r and σ may be relaxed to $\pm 10\%$. 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 (ϵ_r)			Conductivity (σ)		
					Measured	Target	Delta	Measured	Target	Delta
A	6/4/2023	2450	Head	2450	39.93	39.2	1.86%	1.87	1.80	3.67%
				2400	40.01	39.3	1.82%	1.83	1.75	4.24%
				2500	39.88	39.1	1.90%	1.90	1.85	2.69%
A	6/7/2023	2450	Head	2450	37.71	39.2	-3.80%	1.81	1.80	0.67%
				2400	37.72	39.3	-4.01%	1.78	1.75	1.68%
				2500	37.61	39.1	-3.90%	1.84	1.85	-0.60%
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	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	7/13/2023	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%
B	5/31/2023	5250	Head	5250	36.89	35.9	2.66%	4.52	4.70	-3.85%
				5150	36.84	36.0	2.20%	4.41	4.60	-4.20%
				5350	36.48	35.8	1.85%	4.57	4.80	-4.82%
B	6/4/2023	5250	Head	5250	37.61	35.9	4.67%	4.83	4.70	2.70%
				5150	37.82	36.0	4.92%	4.71	4.60	2.35%
				5350	37.42	35.8	4.47%	4.95	4.80	3.05%
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	6/29/2023	5250	Head	5250	34.52	35.9	-3.93%	4.72	4.70	0.36%
				5150	34.72	36.0	-3.68%	4.61	4.60	0.11%
				5350	34.21	35.8	-4.49%	4.83	4.80	0.55%
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	7/13/2023	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	7/16/2023	5250	Head	5250	35.85	35.9	-0.23%	4.68	4.70	-0.53%
				5150	36.05	36.0	0.01%	4.56	4.60	-0.78%
				5350	35.65	35.8	-0.47%	4.79	4.80	-0.36%

SAR Lab	Date	Band (MHz)	Tissue Type	Frequency (MHz)	Relative Permittivity (ϵ_r)			Conductivity (σ)		
					Measured	Target	Delta	Measured	Target	Delta
D	6/4/2023	2450	Head	2450	39.51	39.2	0.79%	1.73	1.80	-3.94%
				2400	39.58	39.3	0.72%	1.69	1.75	-3.41%
				2500	39.45	39.1	0.80%	1.77	1.85	-4.80%
D	6/7/2023	2450	Head	2450	38.52	39.2	-1.73%	1.73	1.80	-3.83%
				2400	38.59	39.3	-1.80%	1.69	1.75	-3.52%
				2500	38.46	39.1	-1.73%	1.77	1.85	-4.75%
D	6/11/2023	2450	Head	2450	39.43	39.2	0.59%	1.74	1.80	-3.22%
				2400	39.46	39.3	0.42%	1.71	1.75	-2.43%
				2500	39.32	39.1	0.47%	1.78	1.85	-4.26%
D	6/25/2023	2450	Head	2450	40.65	39.2	3.70%	1.78	1.80	-1.33%
				2400	40.68	39.3	3.52%	1.74	1.75	-0.55%
				2500	40.55	39.1	3.61%	1.81	1.85	-2.43%
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	7/9/2023	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%
E	6/1/2023	5250	Head	5250	35.69	35.9	-0.68%	4.63	4.70	-1.58%
				5150	35.69	36.0	-0.99%	4.50	4.60	-2.24%
				5350	35.26	35.8	-1.56%	4.55	4.69	-2.97%
E	6/4/2023	5250	Head	5250	35.04	35.9	-2.49%	4.48	4.70	-4.83%
				5150	35.06	36.0	-2.74%	4.38	4.60	-4.71%
				5350	34.85	35.8	-2.71%	4.58	4.80	-4.76%
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	7/13/2023	5250	Head	5250	34.24	35.9	-4.71%	4.61	4.70	-1.87%
				5150	34.32	36.0	-4.79%	4.45	4.60	-3.17%
				5350	34.08	35.8	-4.86%	4.71	4.80	-1.90%
E	7/15/2023	5600	Head	5600	34.14	35.5	-3.92%	4.85	5.06	-4.25%
				5500	34.10	35.6	-4.34%	4.82	4.96	-2.82%
				5725	33.86	35.4	-4.33%	4.93	5.19	-4.99%

SAR Lab	Date	Band (MHz)	Tissue Type	Frequency (MHz)	Relative Permittivity (ϵ_r)			Conductivity (σ)		
					Measured	Target	Delta	Measured	Target	Delta
F	6/1/2023	5600	Head	5600	34.11	35.5	-4.01%	4.86	5.06	-4.00%
				5500	34.06	35.6	-4.45%	4.73	4.96	-4.52%
				5725	33.81	35.4	-4.47%	5.01	5.19	-3.49%
F	6/4/2023	5600	Head	5600	35.68	35.5	0.41%	4.86	5.06	-4.02%
				5500	35.73	35.6	0.23%	4.79	4.96	-3.49%
				5725	35.43	35.4	0.11%	4.94	5.19	-4.82%
F	6/7/2023	5600	Head	5600	37.24	35.5	4.80%	4.81	5.06	-4.91%
				5500	37.39	35.6	4.89%	4.74	4.96	-4.44%
				5725	36.94	35.4	4.38%	4.95	5.19	-4.63%
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%
H	6/1/2023	5750	Head	5750	36.02	35.4	1.86%	5.03	5.21	-3.47%
				5700	36.04	35.4	1.75%	4.97	5.16	-3.81%
				5850	35.79	35.3	1.39%	5.15	5.32	-3.12%
H	6/7/2023	5750	Head	5750	35.72	35.4	1.01%	5.31	5.21	1.88%
				5700	35.81	35.4	1.10%	5.23	5.16	1.38%
				5850	35.53	35.3	0.65%	5.42	5.32	1.90%
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	6/29/2023	5750	Head	5750	35.85	35.4	1.38%	5.26	5.21	0.96%
				5700	35.97	35.4	1.55%	5.20	5.16	0.76%
				5850	35.70	35.3	1.13%	5.38	5.32	1.20%
H	7/12/2023	5750	Head	5750	35.21	35.4	-0.43%	4.98	5.21	-4.50%
				5700	35.39	35.4	-0.08%	4.91	5.16	-4.85%
				5850	34.94	35.3	-1.02%	5.18	5.32	-2.67%
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%
I	6/1/20223	5750	Head	5750	34.02	35.4	-3.80%	5.10	5.21	-2.10%
				5700	34.18	35.4	-3.50%	5.05	5.16	-2.20%
				5850	33.88	35.3	-4.02%	5.26	5.32	-1.05%
I	6/4/2023	5750	Head	5750	36.72	35.4	3.84%	5.11	5.21	-2.03%
				5700	36.85	35.4	4.04%	5.05	5.16	-2.24%
				5850	36.51	35.3	3.43%	5.22	5.32	-1.97%
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%

SAR Lab	Date	Band (MHz)	Tissue Type	Frequency (MHz)	Relative Permittivity (ϵ_r)			Conductivity (σ)		
					Measured	Target	Delta	Measured	Target	Delta
1	5/24/2023	835	Head	835	43.04	41.5	3.71%	0.87	0.90	-3.58%
				805	43.13	41.7	3.48%	0.86	0.90	-4.60%
				850	42.99	41.5	3.59%	0.87	0.92	-4.62%
1	5/31/2023	835	Head	835	43.43	41.5	4.65%	0.87	0.90	-3.26%
				805	43.52	41.7	4.42%	0.86	0.90	-4.25%
				850	43.40	41.5	4.58%	0.87	0.92	-4.38%
1	6/4/2023	835	Head	835	40.06	41.5	-3.47%	0.87	0.90	-3.73%
				805	40.14	41.7	-3.69%	0.85	0.90	-4.73%
				850	40.03	41.5	-3.54%	0.87	0.92	-4.79%
1	6/4/2023	2600	Head	2600	37.80	39.0	-3.10%	1.89	1.96	-3.47%
				2495	37.97	39.1	-3.00%	1.81	1.85	-2.36%
				2690	37.65	38.9	-3.21%	1.97	2.06	-4.44%
1	6/8/2023	835	Head	835	43.25	41.5	4.22%	0.94	0.90	4.99%
				805	43.33	41.7	3.96%	0.93	0.90	3.92%
				850	43.21	41.5	4.12%	0.95	0.92	3.85%
1	6/11/2023	835	Head	835	39.83	41.5	-4.02%	0.91	0.90	0.89%
				805	39.88	41.7	-4.32%	0.90	0.90	0.01%
				850	39.80	41.5	-4.10%	0.91	0.92	-0.25%
1	6/18/2023	835	Head	835	39.99	41.5	-3.64%	0.92	0.90	2.30%
				805	40.07	41.7	-3.86%	0.91	0.90	1.24%
				850	39.94	41.5	-3.76%	0.93	0.92	1.19%

SAR Lab	Date	Band (MHz)	Tissue Type	Frequency (MHz)	Relative Permittivity (ϵ_r)			Conductivity (σ)		
					Measured	Target	Delta	Measured	Target	Delta
2	5/30/2023	1640	Head	1640	40.38	40.3	0.31%	1.24	1.31	-4.81%
				1625	40.42	40.3	0.36%	1.24	1.30	-4.73%
				1665	40.34	40.2	0.31%	1.26	1.32	-4.92%
2	5/31/2023	3500	Head	3500	39.41	37.9	3.90%	2.80	2.91	-3.90%
				3400	39.57	38.0	4.01%	2.70	2.81	-3.82%
				3600	39.25	37.8	3.79%	2.90	3.01	-3.88%
2	6/4/2023	1750	Head	1750	39.09	40.1	-2.48%	1.31	1.37	-4.16%
				1695	39.12	40.2	-2.61%	1.29	1.34	-3.96%
				1755	39.10	40.1	-2.44%	1.32	1.37	-4.14%
2	6/8/2023	1750	Head	1750	41.81	40.1	4.30%	1.31	1.37	-4.67%
				1695	41.84	40.2	4.16%	1.27	1.34	-4.93%
				1755	41.81	40.1	4.32%	1.31	1.37	-4.65%
2	6/10/2023	3500	Head	3500	38.41	37.9	1.27%	2.87	2.91	-1.57%
				3400	38.61	38.0	1.49%	2.77	2.81	-1.58%
				3600	38.22	37.8	1.07%	2.97	3.01	-1.52%
2	6/11/2023	1750	Head	1750	40.49	40.1	1.01%	1.32	1.37	-3.72%
				1695	40.58	40.2	1.02%	1.29	1.34	-3.73%
				1755	40.49	40.1	1.03%	1.32	1.37	-3.70%
2	6/11/2023	3500	Head	3500	38.79	37.9	2.27%	2.78	2.91	-4.66%
				3400	39.35	38.0	3.43%	2.68	2.81	-4.60%
				3600	38.62	37.8	2.13%	2.87	3.01	-4.74%
2	6/11/2023	3700	Head	3700	38.45	37.7	1.99%	2.97	3.12	-4.76%
				3600	38.62	37.8	2.13%	2.87	3.01	-4.74%
				3800	38.28	37.6	1.84%	3.07	3.22	-4.55%
2	6/15/2023	1750	Head	1750	40.31	40.1	0.56%	1.31	1.37	-4.31%
				1695	40.41	40.2	0.60%	1.28	1.34	-4.41%
				1755	40.29	40.1	0.53%	1.31	1.37	-4.29%
2	6/18/2023	1750	Head	1750	40.17	40.1	0.21%	1.31	1.37	-4.67%
				1695	40.23	40.2	0.15%	1.27	1.34	-4.85%
				1755	40.17	40.1	0.23%	1.31	1.37	-4.65%
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	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	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%

SAR Lab	Date	Band (MHz)	Tissue Type	Frequency (MHz)	Relative Permittivity (ϵ_r)			Conductivity (σ)		
					Measured	Target	Delta	Measured	Target	Delta
4	5/31/2023	1750	Head	1750	39.79	40.1	-0.73%	1.37	1.37	-0.07%
				1695	39.90	40.2	-0.67%	1.33	1.34	-0.37%
				1755	39.78	40.1	-0.74%	1.37	1.37	-0.06%
4	6/4/2023	1750	Head	1750	40.08	40.1	-0.01%	1.36	1.37	-0.95%
				1695	40.15	40.2	-0.05%	1.32	1.34	-1.34%
				1755	40.07	40.1	-0.02%	1.36	1.37	-0.93%
4	6/8/2023	1750	Head	1750	39.52	40.1	-1.41%	1.35	1.37	-1.24%
				1695	39.55	40.2	-1.54%	1.32	1.34	-1.42%
				1755	39.52	40.1	-1.39%	1.36	1.37	-1.22%
4	6/11/2023	1750	Head	1750	38.36	40.1	-4.30%	1.32	1.37	-3.72%
				1695	38.45	40.2	-4.28%	1.29	1.34	-3.66%
				1755	38.35	40.1	-4.31%	1.32	1.37	-3.70%
4	6/18/2023	1750	Head	1750	41.03	40.1	2.36%	1.32	1.37	-3.50%
				1695	41.09	40.2	2.29%	1.29	1.34	-3.96%
				1755	41.02	40.1	2.35%	1.32	1.37	-3.48%
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%
5	5/31/2023	1900	Head	1900	41.65	40.0	4.13%	1.41	1.40	0.57%
				1850	41.74	40.0	4.35%	1.38	1.40	-1.71%
				1920	41.62	40.0	4.05%	1.42	1.40	1.57%
5	6/4/2023	1900	Head	1900	39.02	40.0	-2.45%	1.38	1.40	-1.21%
				1850	39.17	40.0	-2.08%	1.35	1.40	-3.64%
				1920	38.98	40.0	-2.55%	1.40	1.40	-0.21%
5	6/8/2023	1900	Head	1900	39.11	40.0	-2.23%	1.37	1.40	-1.93%
				1850	39.17	40.0	-2.08%	1.34	1.40	-4.21%
				1920	39.09	40.0	-2.27%	1.39	1.40	-0.93%
5	6/11/2023	1900	Head	1900	39.16	40.0	-2.10%	1.41	1.40	0.50%
				1850	39.27	40.0	-1.82%	1.38	1.40	-1.64%
				1920	39.13	40.0	-2.17%	1.42	1.40	1.43%
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%
7	5/31/2023	835	Head	835	39.87	41.5	-3.93%	0.88	0.90	-2.58%
				805	39.93	41.7	-4.20%	0.87	0.90	-3.53%
				850	39.83	41.5	-4.02%	0.88	0.92	-3.69%
7	6/4/2023	835	Head	835	42.69	41.5	2.87%	0.87	0.90	-2.93%
				805	42.76	41.7	2.59%	0.86	0.90	-3.96%
				850	42.66	41.5	2.80%	0.88	0.92	-4.00%
7	6/4/2023	2600	Head	2600	38.85	39.0	-0.41%	1.91	1.96	-2.91%
				2495	39.03	39.1	-0.29%	1.81	1.85	-1.93%
				2690	38.69	38.9	-0.53%	1.98	2.06	-3.76%
7	6/18/2023	835	Head	835	41.62	41.5	0.29%	0.89	0.90	-0.70%
				805	41.68	41.7	0.00%	0.88	0.90	-1.64%
				850	41.60	41.5	0.24%	0.90	0.92	-1.78%

SAR Lab	Date	Band (MHz)	Tissue Type	Frequency (MHz)	Relative Permittivity (ϵ_r)			Conductivity (σ)		
					Measured	Target	Delta	Measured	Target	Delta
8	6/1/2023	1900	Head	1900	38.41	40.0	-3.98%	1.42	1.40	1.21%
				1850	38.53	40.0	-3.68%	1.39	1.40	-1.00%
				1920	38.38	40.0	-4.05%	1.43	1.40	2.14%
8	6/4/2023	1900	Head	1900	40.98	40.0	2.45%	1.41	1.40	0.93%
				1850	41.11	40.0	2.78%	1.38	1.40	-1.14%
				1920	40.95	40.0	2.38%	1.43	1.40	1.86%
8	6/8/2023	1900	Head	1900	38.22	40.0	-4.45%	1.45	1.40	3.79%
				1850	38.36	40.0	-4.10%	1.43	1.40	1.93%
				1920	38.20	40.0	-4.50%	1.47	1.40	4.71%
8	6/11/2023	1900	Head	1900	38.71	40.0	-3.23%	1.43	1.40	1.86%
				1850	38.82	40.0	-2.95%	1.40	1.40	-0.36%
				1920	38.71	40.0	-3.23%	1.43	1.40	1.86%
8	6/15/2023	1900	Head	1900	38.61	40.0	-3.48%	1.40	1.40	-0.29%
				1850	38.74	40.0	-3.15%	1.43	1.40	2.00%
				1920	38.64	40.0	-3.40%	1.44	1.40	3.07%
8	6/18/2023	1900	Head	1900	39.51	40.0	-1.23%	1.42	1.40	1.43%
				1850	39.59	40.0	-1.02%	1.39	1.40	-0.43%
				1920	39.49	40.0	-1.28%	1.43	1.40	2.36%
8	6/21/2023	1900	Head	1900	38.22	40.0	-4.45%	1.44	1.40	2.86%
				1850	38.38	40.0	-4.05%	1.41	1.40	0.79%
				1920	38.19	40.0	-4.53%	1.45	1.40	3.79%
9	6/1/2023	750	Head	750	44.29	42.0	5.55%	0.85	0.89	-4.36%
				660	44.51	42.4	4.92%	0.82	0.89	-7.66%
				800	44.02	41.7	5.55%	0.87	0.90	-3.24%
9	6/4/2023	750	Head	750	43.20	42.0	2.95%	0.88	0.89	-1.71%
				660	43.48	42.4	2.49%	0.85	0.89	-4.41%
				800	43.03	41.7	3.18%	0.89	0.90	-0.36%
9	6/17/2023	2600	Head	2600	39.63	39.0	1.59%	1.89	1.96	-3.73%
				2495	39.78	39.1	1.63%	1.80	1.85	-2.58%
				2690	39.49	38.9	1.52%	1.97	2.06	-4.59%
10	6/1/2023	750	Head	750	41.60	42.0	-0.86%	0.87	0.89	-2.15%
				660	41.84	42.4	-1.37%	0.84	0.89	-4.84%
				800	41.36	41.7	-0.83%	0.89	0.90	-0.60%
10	6/4/2023	750	Head	750	43.23	42.0	3.02%	0.88	0.89	-1.73%
				660	43.52	42.4	2.59%	0.85	0.89	-4.64%
				800	43.06	41.7	3.25%	0.89	0.90	-0.24%
10	6/18/2023	2600	Head	2600	39.61	39.0	1.54%	1.94	1.96	-1.38%
				2495	39.75	39.1	1.55%	1.85	1.85	-0.20%
				2690	39.45	38.9	1.42%	2.01	2.06	-2.60%
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%

SAR Lab	Date	Band (MHz)	Tissue Type	Frequency (MHz)	Relative Permittivity (ϵ_r)			Conductivity (σ)		
					Measured	Target	Delta	Measured	Target	Delta
12	6/4/2023	2600	Head	2600	38.54	39.0	-1.21%	1.92	1.96	-2.40%
				2495	38.72	39.1	-1.08%	1.83	1.85	-1.17%
				2690	38.37	38.9	-1.36%	1.99	2.06	-3.28%
12	6/7/2023	2600	Head	2600	39.82	39.0	2.07%	1.89	1.96	-3.73%
				2495	39.98	39.1	2.14%	1.80	1.85	-2.63%
				2690	39.66	38.9	1.96%	1.96	2.06	-4.68%
12	6/11/2023	2600	Head	2600	37.59	39.0	-3.64%	1.93	1.96	-1.89%
				2495	37.79	39.1	-3.46%	1.84	1.85	-0.63%
				2690	37.43	38.9	-3.77%	2.00	2.06	-2.84%
12	6/14/2023	2600	Head	2600	39.40	39.0	1.00%	1.90	1.96	-3.17%
				2495	39.60	39.1	1.17%	1.81	1.85	-1.93%
				2690	39.25	38.9	0.91%	1.97	2.06	-4.30%
12	6/18/2023	2600	Head	2600	37.70	39.0	-3.36%	1.90	1.96	-3.22%
				2495	37.90	39.1	-3.18%	1.82	1.85	-1.44%
				2690	37.57	38.9	-3.41%	1.97	2.06	-4.44%
12	6/21/2023	2600	Head	2600	40.18	39.0	3.00%	1.90	1.96	-3.32%
				2495	40.34	39.1	3.06%	1.81	1.85	-1.93%
				2690	40.01	38.9	2.86%	1.97	2.06	-4.25%
12	6/25/2023	2600	Head	2600	40.70	39.0	4.33%	1.97	1.96	0.40%
				2495	40.86	39.1	4.39%	1.88	1.85	1.70%
				2690	40.54	38.9	4.22%	2.05	2.06	-0.46%
12	6/28/2023	2600	Head	2600	40.14	39.0	2.89%	1.90	1.96	-3.42%
				2495	40.29	39.1	2.93%	1.81	1.85	-2.14%
				2690	40.00	38.9	2.83%	1.97	2.06	-4.25%
12	7/2/2023	2600	Head	2600	37.63	39.0	-3.54%	1.92	1.96	-2.30%
				2495	37.79	39.1	-3.46%	1.83	1.85	-1.06%
				2690	37.48	38.9	-3.64%	1.99	2.06	-3.28%
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	7/16/2023	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%

SAR Lab	Date	Band (MHz)	Tissue Type	Frequency (MHz)	Relative Permittivity (ϵ_r)			Conductivity (σ)		
					Measured	Target	Delta	Measured	Target	Delta
13	5/30/2023	3500	Head	3500	38.47	37.9	1.42%	2.83	2.91	-2.77%
				3400	38.65	38.0	1.59%	2.74	2.81	-2.57%
				3600	38.30	37.8	1.28%	2.93	3.01	-2.85%
13	6/11/2023	3700	Head	3700	38.26	37.7	1.48%	2.98	3.12	-4.53%
				3600	38.43	37.8	1.62%	2.88	3.01	-4.58%
				3800	38.08	37.6	1.31%	3.08	3.22	-4.43%
13	6/14/2023	3500	Head	3500	39.63	37.9	4.48%	2.86	2.91	-1.87%
				3400	39.82	38.0	4.67%	2.76	2.81	-1.79%
				3600	39.44	37.8	4.30%	2.96	3.01	-1.76%
13	6/14/2023	3700	Head	3700	39.24	37.7	4.08%	3.07	3.12	-1.58%
				3600	39.44	37.8	4.30%	2.96	3.01	-1.76%
				3800	39.05	37.6	3.89%	3.17	3.22	-1.38%
13	6/18/2023	3500	Head	3500	38.11	37.9	0.48%	2.95	2.91	1.46%
				3400	38.34	38.0	0.78%	2.85	2.81	1.45%
				3600	37.93	37.8	0.30%	3.06	3.01	1.63%
13	6/18/2023	3700	Head	3700	37.73	37.7	0.08%	3.18	3.12	1.89%
				3600	37.93	37.8	0.30%	3.06	3.01	1.63%
				3800	37.54	37.6	-0.13%	3.29	3.22	2.25%
13	6/21/2023	3500	Head	3500	37.75	37.9	-0.47%	2.85	2.91	-2.12%
				3400	37.93	38.0	-0.30%	2.76	2.81	-1.86%
				3600	37.56	37.8	-0.68%	2.94	3.01	-2.32%
13	6/25/2023	3500	Head	3500	37.40	37.9	-1.40%	2.79	2.91	-4.31%
				3400	37.60	38.0	-1.17%	2.69	2.81	-4.32%
				3600	37.21	37.8	-1.60%	2.88	3.01	-4.31%
13	6/29/2023	3700	Head	3700	38.61	37.7	2.41%	2.97	3.12	-4.63%
				3600	38.79	37.8	2.58%	2.88	3.01	-4.54%
				3800	38.44	37.6	2.27%	3.07	3.22	-4.49%
13	7/2/2023	3500	Head	3500	38.36	37.9	1.13%	2.77	2.91	-4.73%
				3400	38.54	38.0	1.30%	2.68	2.81	-4.49%
				3600	38.18	37.8	0.96%	2.87	3.01	-4.77%
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%

SAR Lab	Date	Band (MHz)	Tissue Type	Frequency (MHz)	Relative Permittivity (ϵ_r)			Conductivity (σ)		
					Measured	Target	Delta	Measured	Target	Delta
15	6/4/2023	2600	Head	2600	38.40	39.0	-1.57%	1.98	1.96	0.86%
				2495	38.56	39.1	-1.49%	1.89	1.85	2.29%
				2690	38.22	38.9	-1.74%	2.06	2.06	-0.17%
15	6/7/2023	2600	Head	2600	37.86	39.0	-2.95%	2.01	1.96	2.44%
				2495	38.08	39.1	-2.72%	1.92	1.85	4.08%
				2690	37.69	38.9	-3.10%	2.08	2.06	1.09%
15	6/11/2023	2600	Head	2600	37.17	39.0	-4.72%	1.99	1.96	1.32%
				2495	37.37	39.1	-4.53%	1.90	1.85	2.72%
				2690	37.00	38.9	-4.88%	2.07	2.06	0.27%
15	6/14/2023	2600	Head	2600	37.25	39.0	-4.51%	2.02	1.96	3.15%
				2495	37.49	39.1	-4.22%	1.94	1.85	4.67%
				2690	37.06	38.9	-4.72%	2.10	2.06	2.02%
15	6/18/2023	2600	Head	2600	39.29	39.0	0.72%	1.97	1.96	0.40%
				2495	39.49	39.1	0.89%	1.89	1.85	2.29%
				2690	39.15	38.9	0.65%	2.05	2.06	-0.70%
15	6/21/2023	2600	Head	2600	37.40	39.0	-4.13%	2.00	1.96	1.72%
				2495	37.61	39.1	-3.92%	1.91	1.85	3.21%
				2690	37.21	38.9	-4.34%	2.07	2.06	0.51%
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	7/12/2023	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%

SAR Lab	Date	Band (MHz)	Tissue Type	Frequency (MHz)	Relative Permittivity (ϵ_r)			Conductivity (σ)		
					Measured	Target	Delta	Measured	Target	Delta
16	5/31/2023	2300	Head	2300	37.86	39.5	-4.09%	1.67	1.66	0.08%
				2350	37.78	39.4	-4.07%	1.71	1.71	0.02%
				2400	37.69	39.3	-4.09%	1.75	1.75	-0.38%
16	6/4/2023	2300	Head	2300	38.00	39.5	-3.73%	1.63	1.66	-2.27%
				2350	37.92	39.4	-3.72%	1.66	1.71	-2.79%
				2400	37.84	39.3	-3.71%	1.69	1.75	-3.29%
16	6/7/2023	2300	Head	2300	39.04	39.5	-1.10%	1.71	1.66	2.96%
				2350	38.94	39.4	-1.13%	1.75	1.71	2.71%
				2400	38.84	39.3	-1.16%	1.79	1.75	2.25%
16	6/11/2023	2300	Head	2300	37.88	39.5	-4.03%	1.65	1.66	-0.77%
				2350	37.77	39.4	-4.10%	1.69	1.71	-1.15%
				2400	37.69	39.3	-4.09%	1.72	1.75	-1.69%
16	6/14/2023	2300	Head	2300	38.16	39.5	-3.33%	1.69	1.66	1.40%
				2350	38.07	39.4	-3.34%	1.73	1.71	1.01%
				2400	37.97	39.3	-3.38%	1.76	1.75	0.65%
16	6/18/2023	2300	Head	2300	39.34	39.5	-0.34%	1.65	1.66	-1.13%
				2350	39.24	39.4	-0.37%	1.68	1.71	-1.39%
				2400	39.16	39.3	-0.35%	1.72	1.75	-1.69%
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%

SAR Lab	Date	Band (MHz)	Tissue Type	Frequency (MHz)	Relative Permittivity (ϵ_r)			Conductivity (σ)		
					Measured	Target	Delta	Measured	Target	Delta
17	6/4/2023	3500	Head	3500	39.31	37.9	3.64%	2.80	2.91	-3.87%
				3400	39.49	38.0	3.80%	2.71	2.81	-3.50%
				3600	39.14	37.8	3.50%	2.89	3.01	-4.11%
17	6/7/2023	3500	Head	3500	37.17	37.9	-2.00%	2.78	2.91	-4.45%
				3400	37.36	38.0	-1.80%	2.70	2.81	-4.00%
				3600	36.99	37.8	-2.18%	2.87	3.01	-4.68%
17	6/7/2023	3700	Head	3700	36.82	37.7	-2.34%	2.97	3.12	-4.76%
				3600	36.99	37.8	-2.18%	2.87	3.01	-4.68%
				3800	36.64	37.6	-2.52%	3.07	3.22	-4.77%
17	6/11/2023	3500	Head	3500	38.65	37.9	1.90%	2.82	2.91	-3.18%
				3400	38.84	38.0	2.09%	2.73	2.81	-2.82%
				3600	38.47	37.8	1.73%	2.92	3.01	-3.28%
17	6/11/2023	3700	Head	3700	39.42	37.7	4.56%	3.04	3.12	-2.57%
				3600	39.60	37.8	4.72%	2.94	3.01	-2.62%
				3800	39.25	37.6	4.42%	3.14	3.22	-2.44%
17	6/14/2023	3500	Head	3500	39.49	37.9	4.11%	2.78	2.91	-4.62%
				3400	39.68	38.0	4.30%	2.69	2.81	-4.32%
				3600	39.32	37.8	3.98%	2.87	3.01	-4.71%
17	6/14/2023	3700	Head	3700	39.16	37.7	3.87%	2.97	3.12	-4.72%
				3600	39.32	37.8	3.98%	2.87	3.01	-4.71%
				3800	38.99	37.6	3.73%	3.07	3.22	-4.68%
17	6/18/2023	3500	Head	3500	37.69	37.9	-0.63%	2.77	2.91	-4.79%
				3400	37.89	38.0	-0.40%	2.68	2.81	-4.53%
				3600	37.55	37.8	-0.70%	2.87	3.01	-4.84%
17	6/18/2023	3700	Head	3700	37.39	37.7	-0.83%	2.97	3.12	-4.79%
				3600	37.55	37.8	-0.70%	2.87	3.01	-4.84%
				3800	37.24	37.6	-0.92%	3.07	3.22	-4.65%
17	6/21/2023	3500	Head	3500	38.78	37.9	2.24%	2.82	2.91	-3.15%
				3400	38.97	38.0	2.43%	2.73	2.81	-2.82%
				3600	38.59	37.8	2.05%	2.91	3.01	-3.45%
17	6/25/2023	3500	Head	3500	38.85	37.9	2.43%	2.81	2.91	-3.35%
				3400	39.04	38.0	2.62%	2.72	2.81	-3.04%
				3600	38.67	37.8	2.26%	2.91	3.01	-3.45%
17	6/25/2023	3700	Head	3700	38.48	37.7	2.07%	3.01	3.12	-3.54%
				3600	38.67	37.8	2.26%	2.91	3.01	-3.45%
				3800	38.31	37.6	1.92%	3.10	3.22	-3.59%
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	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	3700	Head	3700	36.85	37.7	-2.26%	3.02	3.12	-3.22%
				3600	37.03	37.8	-2.08%	2.93	3.01	-2.92%
				3800	36.70	37.6	-2.36%	3.12	3.22	-3.22%

SAR Lab	Date	Band (MHz)	Tissue Type	Frequency (MHz)	Relative Permittivity (ϵ_r)			Conductivity (σ)		
					Measured	Target	Delta	Measured	Target	Delta
18	6/4/2023	3900	Head	3900	38.39	37.5	2.45%	3.20	3.32	-3.67%
				3800	38.56	37.6	2.59%	3.10	3.22	-3.84%
				4000	38.23	37.4	2.33%	3.30	3.42	-3.54%
18	6/7/2023	3900	Head	3900	36.63	37.5	-2.25%	3.17	3.32	-4.63%
				3800	36.81	37.6	-2.07%	3.07	3.22	-4.68%
				4000	36.46	37.4	-2.41%	3.27	3.42	-4.59%
18	6/11/2023	3900	Head	3900	36.37	37.5	-2.94%	3.19	3.32	-3.82%
				3800	36.55	37.6	-2.76%	3.09	3.22	-3.90%
				4000	36.19	37.4	-3.13%	3.30	3.42	-3.74%
18	6/14/2023	3900	Head	3900	39.27	37.5	4.79%	3.16	3.32	-4.78%
				3800	39.42	37.6	4.88%	3.06	3.22	-4.96%
				4000	39.11	37.4	4.69%	3.27	3.42	-4.56%
18	6/21/2023	3900	Head	3900	36.93	37.5	-1.45%	3.18	3.32	-4.24%
				3800	37.08	37.6	-1.35%	3.08	3.22	-4.35%
				4000	36.79	37.4	-1.52%	3.28	3.42	-4.18%
18	6/25/2023	3900	Head	3900	37.86	37.5	1.03%	3.17	3.32	-4.42%
				3800	38.03	37.6	1.18%	3.08	3.22	-4.46%
				4000	37.70	37.4	0.91%	3.27	3.42	-4.36%
18	6/26/2023	3500	Head	3150	39.47	38.3	2.97%	2.46	2.55	-3.77%
				3500	38.83	37.9	2.38%	2.78	2.91	-4.60%
				3850	38.28	37.5	1.99%	3.12	3.27	-4.69%
19	6/4/2023	4900	Head	4900	34.93	36.3	-3.86%	4.23	4.34	-2.69%
				4800	35.13	36.4	-3.61%	4.12	4.24	-2.92%
				5000	34.73	36.2	-4.11%	4.33	4.45	-2.55%
19	6/7/2023	4900	Head	4900	35.88	36.3	-1.25%	4.29	4.34	-1.17%
				4800	36.09	36.4	-0.98%	4.18	4.24	-1.48%
				5000	35.69	36.2	-1.46%	4.40	4.45	-1.02%
19	6/11/2023	4900	Head	4900	36.07	36.3	-0.72%	4.35	4.34	0.18%
				4800	36.28	36.4	-0.46%	4.24	4.24	-0.09%
				5000	35.87	36.2	-0.96%	4.46	4.45	0.33%
19	6/14/2023	4900	Head	4900	35.97	36.3	-1.00%	4.20	4.34	-3.25%
				4800	36.16	36.4	-0.79%	4.09	4.24	-3.58%
				5000	35.79	36.2	-1.18%	4.31	4.45	-3.02%
19	6/18/2023	4900	Head	4900	37.59	36.3	3.46%	4.17	4.34	-3.98%
				4800	37.78	36.4	3.66%	4.06	4.24	-4.24%
				5000	37.42	36.2	3.32%	4.28	4.45	-3.85%
19	6/22/2023	3500	Head	3500	38.71	37.9	2.06%	2.92	2.91	0.43%
				3400	38.92	38.0	2.30%	2.83	2.81	0.84%
				3600	38.52	37.8	1.86%	3.02	3.01	0.14%
19	6/24/2023	2300	Head	2300	37.54	39.5	-4.90%	1.70	1.66	2.30%
				2350	37.45	39.4	-4.91%	1.74	1.71	2.01%
				2400	37.36	39.3	-4.93%	1.78	1.75	1.39%
SAR Lab	Date	Band (MHz)	Tissue Type	Frequency (MHz)	Relative Permittivity (ϵ_r)			Conductivity (σ)		
					Measured	Target	Delta	Measured	Target	Delta
2	6/16/2023	13	Head	13	57.49	55.00	4.53%	0.73	0.75	-3.04%
				12	57.63	55.00	4.78%	0.73	0.75	-3.04%
				14	57.21	55.00	4.02%	0.73	0.75	-3.04%

SAR Lab	Date	Band (MHz)	Tissue Type	Frequency (MHz)	Relative Permittivity (ϵ_r)			Conductivity (σ)		
					Measured	Target	Delta	Measured	Target	Delta
2	8/22/2023	3500	Head	3500	39.67	37.93	4.59%	2.79	2.91	-4.28%
				3400	39.82	38.04	4.67%	2.69	2.81	-4.10%
				3600	39.47	37.82	4.38%	2.88	3.01	-4.38%
2	8/22/2023	1640	Head	1640	40.86	40.25	1.51%	1.24	1.31	-4.81%
				1610	40.95	40.30	1.61%	1.23	1.29	-4.73%
				1665	40.82	40.22	1.50%	1.26	1.32	-4.85%
7	8/22/2023	750	Head	750	43.59	41.96	3.88%	0.88	0.89	-1.65%
				660	43.91	42.42	3.50%	0.85	0.89	-4.36%
				800	43.49	41.71	4.28%	0.89	0.90	-0.35%

8.2. System Check

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

System Performance Check Measurement Conditions:

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

System Check Results

The 1-g and 10-g SAR measured with a reference dipole, using the required tissue-equivalent medium at the test frequency, must be within $\pm 10\%$ 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 $\pm 10\%$	Zoom Scan at 100 mW	Normalize to 1 W	Target (Ref. Value)	Delta $\pm 10\%$	
A	6/4/2023	Head	D2450V2 SN: 706	1/20/2024	5.370	53.70	52.30	2.68%	2.490	24.90	24.50	1.63%	
A	6/7/2023	Head	D2450V2 SN: 706	1/20/2024	5.140	51.40	52.30	-1.72%	2.390	23.90	24.50	-2.45%	
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	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%	1
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%	
B	5/31/2023	Head	D5GHzV2 SN: 1138 (5.25 GHz)	2/3/2024	7.440	74.40	79.50	-6.42%	2.120	21.20	22.60	-6.19%	
B	6/4/2023	Head	D5GHzV2 SN: 1138 (5.25 GHz)	2/3/2024	8.190	81.90	79.50	3.02%	2.350	23.50	22.60	3.98%	
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	6/29/2023	Head	D5GHzV2 SN: 1138 (5.25 GHz)	2/3/2024	7.800	78.00	79.50	-1.89%	2.240	22.40	22.60	-0.88%	
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	7/13/2023	Head	D5GHzV2 SN: 1138 (5.25 GHz)	2/3/2024	7.780	77.80	79.50	-2.14%	2.230	22.30	22.60	-1.33%	
B	7/16/2023	Head	D5GHzV2 SN: 1138 (5.25 GHz)	2/3/2024	8.470	84.70	79.50	6.54%	2.440	24.40	22.60	7.96%	2
D	6/4/2023	Head	D2450V2 SN: 899	4/18/2024	4.840	48.40	51.90	-6.74%	2.320	23.20	24.40	-4.92%	3
D	6/7/2023	Head	D2450V2 SN: 899	4/18/2024	5.140	51.40	51.90	-0.96%	2.470	24.70	24.40	1.23%	
D	6/11/2023	Head	D2450V2 SN: 899	4/18/2024	5.140	51.40	51.90	-0.96%	2.470	24.70	24.40	1.23%	
D	6/25/2023	Head	D2450V2 SN: 899	4/18/2024	4.900	49.00	51.90	-5.59%	2.350	23.50	24.40	-3.69%	
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	7/9/2023	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%	
E	6/1/2023	Head	D5GHzV2 SN: 1003 (5.25 GHz)	2/22/2024	7.560	75.60	80.30	-5.85%	2.160	21.60	22.90	-5.68%	
E	6/4/2023	Head	D5GHzV2 SN: 1138 (5.25 GHz)	2/3/2024	7.230	72.30	79.50	-9.06%	2.060	20.60	22.60	-8.85%	
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 (5.25 GHz)	2/22/2024	7.350	73.50	80.30	-8.47%	2.100	21.00	22.90	-8.30%	
E	7/13/2023	Head	D5GHzV2 SN: 1003 (5.25 GHz)	2/22/2024	7.390	73.90	80.30	-7.97%	2.110	21.10	22.90	-7.86%	
E	7/15/2023	Head	D5GHzV2 SN: 1003 (5.60 GHz)	2/22/2024	7.640	76.40	83.00	-7.95%	2.140	21.40	23.70	-9.70%	4
F	6/1/2023	Head	D5GHzV2 SN: 1138 (5.60 GHz)	2/3/2024	8.410	84.10	82.50	1.94%	2.380	23.80	23.40	1.71%	
F	6/4/2023	Head	D5GHzV2 SN: 1168 (5.60 GHz)	11/23/2023	8.660	86.60	80.70	7.31%	2.450	24.50	22.80	7.46%	
F	6/7/2023	Head	D5GHzV2 SN: 1168 (5.60 GHz)	11/23/2023	7.330	73.30	80.70	-9.17%	2.060	20.60	22.80	-9.65%	5
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%	6
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%	
H	6/1/2023	Head	D5GHzV2 SN: 1138 (5.75 GHz)	2/3/2024	7.240	72.40	78.30	-7.54%	2.060	20.60	22.20	-7.21%	
H	6/7/2023	Head	D5GHzV2 SN: 1138 (5.75 GHz)	2/3/2024	7.160	71.60	78.30	-8.56%	2.050	20.50	22.20	-7.66%	
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%	7
H	6/29/2023	Head	D5GHzV2 SN: 1138 (5.75 GHz)	2/3/2024	7.140	71.40	78.30	-8.81%	2.050	20.50	22.20	-7.66%	
H	7/12/2023	Head	D5GHzV2 SN: 1138 (5.75 GHz)	2/3/2024	7.090	70.90	78.30	-9.45%	2.020	20.20	22.20	-9.01%	
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%	

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 $\pm 10\%$	Zoom Scan at 100 mW	Normalize to 1 W	Target (Ref. Value)	Delta $\pm 10\%$	
I	6/1/2023	Head	D5GHzV2 SN: 1138 (5.75 GHz)	2/3/2024	7.310	73.10	78.30	-6.64%	2.110	21.10	22.20	-4.95%	8
I	6/4/2023	Head	D5GHzV2 SN: 1138 (5.75 GHz)	2/3/2024	7.910	79.10	78.30	1.02%	2.270	22.70	22.20	2.25%	
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%	
1	5/24/2023	Head	D835V2 SN: 4d002	11/24/2023	0.990	9.90	9.83	0.71%	0.661	6.61	6.42	2.96%	
1	6/1/2023	Head	D835V2 SN: 4d002	11/24/2023	0.995	9.95	9.83	1.22%	0.664	6.64	6.42	3.43%	
1	6/4/2023	Head	D835V2 SN: 4d002	11/24/2023	1.000	10.00	9.83	1.73%	0.669	6.69	6.42	4.21%	
1	6/4/2023	Head	D2600V2 SN: 1036	4/11/2024	5.750	57.50	55.40	3.79%	2.680	26.80	24.90	7.63%	9
1	6/8/2023	Head	D835V2 SN: 4d002	11/24/2023	1.070	10.70	9.83	8.85%	0.703	7.03	6.42	9.50%	10
1	6/11/2023	Head	D835V2 SN: 4d002	11/24/2023	0.954	9.54	9.83	-2.95%	0.634	6.34	6.42	-1.25%	
1	6/18/2023	Head	D835V2 SN: 4d002	11/24/2023	1.040	10.40	9.83	5.80%	0.698	6.98	6.42	8.72%	
2	5/30/2023	Head	D1640V2 SN: 334	3/25/2023	3.470	34.70	33.90	2.36%	1.920	19.20	18.30	4.92%	
2	6/1/2023	Head	D3500V2 SN: 1011	4/17/2024	6.860	68.60	65.60	4.57%	2.700	27.00	24.70	9.31%	
2	6/4/2023	Head	D1750V2 SN: 1053	10/17/2023	3.640	36.40	36.60	-0.55%	1.970	19.70	19.40	1.55%	
2	6/8/2023	Head	D1750V2 SN: 1053	10/17/2023	3.630	36.30	36.60	-0.82%	1.970	19.70	19.40	1.55%	
2	6/10/2023	Head	D3500V2 SN: 1011	4/17/2024	6.810	68.10	65.60	3.81%	2.670	26.70	24.70	8.10%	
2	6/11/2023	Head	D1750V2 SN: 1053	10/17/2023	3.700	37.00	36.60	1.09%	2.000	20.00	19.40	3.09%	
2	6/11/2023	Head	D3500V2 SN: 1011	4/17/2024	6.180	61.80	65.60	-5.79%	2.390	23.90	24.70	-3.24%	11
2	6/11/2023	Head	D3700V2 SN: 1110	11/30/2023	6.820	68.20	64.09	6.41%	2.570	25.70	23.60	8.90%	12
2	6/15/2023	Head	D1750V2 SN: 1053	10/17/2023	3.600	36.00	36.60	-1.64%	1.950	19.50	19.40	0.52%	
2	6/18/2023	Head	D1750V2 SN: 1053	10/17/2023	3.610	36.10	36.60	-1.37%	1.960	19.60	19.40	1.03%	
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%	13
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%	14
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%	
4	6/1/2023	Head	D1750V2 SN: 1050	4/19/2024	3.720	37.20	36.10	3.05%	1.970	19.70	18.90	4.23%	
4	6/4/2023	Head	D1750V2 SN: 1050	4/19/2024	3.680	36.80	36.10	1.94%	1.950	19.50	18.90	3.17%	
4	6/8/2023	Head	D1750V2 SN: 1050	4/19/2024	3.680	36.80	36.10	1.94%	1.950	19.50	18.90	3.17%	
4	6/11/2023	Head	D1750V2 SN: 1050	4/19/2024	3.660	36.60	36.10	1.39%	1.940	19.40	18.90	2.65%	
4	6/18/2023	Head	D1750V2 SN: 1050	4/19/2024	3.770	37.70	36.10	4.43%	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%	15
5	5/31/2023	Head	D1900V2 SN: 5d163	10/28/2023	4.300	43.00	39.10	9.97%	2.230	22.30	20.40	9.31%	16
5	6/4/2023	Head	D1900V2 SN: 5d163	10/28/2023	4.190	41.90	39.10	7.16%	2.190	21.90	20.40	7.35%	
5	6/8/2023	Head	D1900V2 SN: 5d163	10/28/2023	4.210	42.10	39.10	7.67%	2.210	22.10	20.40	8.33%	
5	6/11/2023	Head	D1900V2 SN: 5d163	10/28/2023	4.130	41.30	39.10	5.63%	2.150	21.50	20.40	5.39%	
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%	
7	6/1/2023	Head	D835V2 SN: 4d002	11/24/2023	0.986	9.86	9.83	0.31%	0.634	6.34	6.42	-1.25%	
7	6/4/2023	Head	D835V2 SN: 4d002	11/24/2023	1.030	10.30	9.83	4.78%	0.678	6.78	6.42	5.61%	
7	6/4/2023	Head	D2600V2 SN: 1036	4/11/2024	5.970	59.70	55.40	7.76%	2.710	27.10	24.90	8.84%	17
7	6/18/2023	Head	D835V2 SN: 4d002	11/24/2023	1.050	10.50	9.83	6.82%	0.697	6.97	6.42	8.57%	18
8	6/1/2023	Head	D1900V2 SN: 5d140	4/14/2024	4.300	43.00	39.40	9.14%	2.250	22.50	20.60	9.22%	19
8	6/4/2023	Head	D1900V2 SN: 5d140	4/14/2024	4.110	41.10	39.40	4.31%	2.150	21.50	20.60	4.37%	
8	6/8/2023	Head	D1900V2 SN: 5d163	10/28/2023	4.220	42.20	39.10	7.93%	2.200	22.00	20.40	7.84%	20
8	6/11/2023	Head	D1900V2 SN: 5d140	4/14/2024	4.280	42.80	39.40	8.63%	2.220	22.20	20.60	7.77%	
8	6/15/2023	Head	D1900V2 SN: 5d140	4/14/2024	3.990	39.90	39.40	1.27%	2.080	20.80	20.60	0.97%	
8	6/18/2023	Head	D1900V2 SN: 5d140	4/14/2024	4.300	43.00	39.40	9.14%	2.230	22.30	20.60	8.25%	
8	6/21/2023	Head	D1900V2 SN: 5d163	10/28/2023	4.080	40.80	39.10	4.35%	2.130	21.30	20.40	4.41%	
9	6/1/2023	Head	D750V3 SN: 1019	4/13/2024	0.897	8.97	8.51	5.41%	0.602	6.02	5.59	7.69%	21
9	6/4/2023	Head	D750V3 SN: 1019	4/13/2024	0.883	8.83	8.51	3.76%	0.593	5.93	5.59	6.08%	
9	6/18/2023	Head	D2600V2 SN: 1036	4/11/2024	5.710	57.10	55.40	3.07%	2.630	26.30	24.90	5.62%	22

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 $\pm 10\%$	Zoom Scan at 100 mW	Normalize to 1 W	Target (Ref. Value)	Delta $\pm 10\%$	
10	6/1/2023	Head	D750V3 SN: 1019	4/13/2024	0.909	9.09	8.51	6.82%	0.606	6.06	5.59	8.41%	
10	6/4/2023	Head	D750V3 SN: 1019	4/13/2024	0.919	9.19	8.51	7.99%	0.606	6.06	5.59	8.41%	23
10	6/18/2023	Head	D2600V2 SN: 1036	4/11/2024	5.580	55.80	55.40	0.72%	2.530	25.30	24.90	1.61%	24
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%	
12	6/4/2023	Head	D2600V2 SN: 1036	4/11/2024	5.750	57.50	55.4	3.79%	2.640	26.40	24.9	6.02%	
12	6/7/2023	Head	D2600V2 SN: 1036	4/11/2024	5.790	57.90	55.4	4.51%	2.660	26.60	24.9	6.83%	
12	6/11/2023	Head	D2600V2 SN: 1036	4/11/2024	5.700	57.00	55.4	2.89%	2.620	26.20	24.9	5.22%	
12	6/14/2023	Head	D2600V2 SN: 1036	4/11/2024	5.930	59.30	55.4	7.04%	2.700	27.00	24.9	8.43%	
12	6/18/2023	Head	D2600V2 SN: 1036	4/11/2024	5.730	57.30	55.4	3.43%	2.610	26.10	24.9	4.82%	
12	6/21/2023	Head	D2600V2 SN: 1036	4/11/2024	5.960	59.60	55.4	7.58%	2.720	27.20	24.9	9.24%	25
12	6/25/2023	Head	D2600V2 SN: 1036	4/11/2024	5.600	56.00	55.4	1.08%	2.550	25.50	24.9	2.41%	
12	6/28/2023	Head	D2600V2 SN: 1036	4/11/2024	5.400	54.00	55.4	-2.53%	2.510	25.10	24.9	0.80%	
12	7/2/2023	Head	D2600V2 SN: 1036	4/11/2024	5.530	55.30	55.4	-0.18%	2.580	25.80	24.9	3.61%	
12	7/5/2023	Head	D2600V2 SN: 1036	4/11/2024	5.860	58.60	55.4	5.78%	2.670	26.70	24.9	7.23%	
12	7/16/2023	Head	D2600V2 SN: 1036	4/11/2024	5.810	58.10	55.4	4.87%	2.710	27.10	24.9	8.84%	
13	5/30/2023	Head	D3500V2 SN: 1011	4/17/2024	6.620	66.20	65.6	0.91%	2.550	25.50	24.7	2.83%	
13	6/11/2023	Head	D3700V2 SN: 1110	11/20/2023	6.740	67.40	64.1	5.16%	2.550	25.50	23.6	8.05%	26
13	6/15/2023	Head	D3500V2 SN: 1011	4/17/2024	6.850	68.50	65.6	4.42%	2.670	26.70	24.7	8.10%	
13	6/15/2023	Head	D3700V2 SN: 1110	11/20/2023	6.580	65.80	64.1	2.67%	2.470	24.70	23.6	4.66%	
13	6/18/2023	Head	D3500V2 SN: 1011	4/17/2024	6.890	68.90	65.6	5.03%	2.690	26.90	24.7	8.91%	
13	6/18/2023	Head	D3700V2 SN: 1110	11/20/2023	6.470	64.70	64.1	0.95%	2.430	24.30	23.6	2.97%	
13	6/21/2023	Head	D3500V2 SN: 1011	4/17/2024	6.310	63.10	65.6	-3.81%	2.480	24.80	24.7	0.40%	
13	6/25/2023	Head	D3500V2 SN: 1011	4/17/2024	6.780	67.80	65.6	3.35%	2.650	26.50	24.7	7.29%	
13	6/29/2023	Head	D3700V2 SN: 1110	11/20/2023	6.740	67.40	64.1	5.16%	2.540	25.40	23.6	7.63%	
13	7/2/2023	Head	D3500V2 SN: 1011	4/17/2024	6.080	60.80	65.6	-7.32%	2.400	24.00	24.7	-2.83%	27
13	7/2/2023	Head	D3700V2 SN: 1110	11/20/2023	6.620	66.20	64.1	3.29%	2.500	25.00	23.6	5.93%	
13	7/5/2023	Head	D3500V2 SN: 1011	4/17/2024	6.710	67.10	65.6	2.29%	2.640	26.40	24.7	6.88%	
15	6/4/2021	Head	D2600V2 SN: 1036	4/11/2024	5.920	59.20	55.4	6.86%	2.650	26.50	24.9	6.43%	
15	6/8/2023	Head	D2600V2 SN: 1036	4/11/2024	6.060	60.60	55.4	9.39%	2.720	27.20	24.9	9.24%	28
15	6/11/2023	Head	D2600V2 SN: 1036	4/11/2024	5.830	58.30	55.4	5.23%	2.630	26.30	24.9	5.62%	
15	6/14/2023	Head	D2600V2 SN: 1036	4/11/2024	5.630	56.30	55.4	1.62%	2.530	25.30	24.9	1.61%	
15	6/18/2023	Head	D2600V2 SN: 1036	4/11/2024	5.870	58.70	55.4	5.96%	2.640	26.40	24.9	6.02%	
15	6/21/2023	Head	D2600V2 SN: 1036	4/11/2024	5.940	59.40	55.4	7.22%	2.660	26.60	24.9	6.83%	
15	6/28/2023	Head	D2600V2 SN: 1036	4/11/2024	6.030	60.30	55.4	8.84%	2.710	27.10	24.9	8.84%	
15	7/2/2023	Head	D2600V2 SN: 1036	4/11/2024	5.570	55.70	55.4	0.54%	2.580	25.80	24.9	3.61%	
15	7/5/2023	Head	D2600V2 SN: 1036	4/11/2024	6.010	60.10	55.4	8.48%	2.710	27.10	24.9	8.84%	
15	7/12/2023	Head	D2600V2 SN: 1036	4/11/2024	5.970	59.70	55.4	7.76%	2.690	26.90	24.9	8.03%	
16	6/1/2023	Head	D2300V2 SN: 1058	10/18/2023	5.250	52.50	48.5	8.25%	2.520	25.20	23.6	6.78%	29
16	6/4/2023	Head	D2300V2 SN: 1058	10/18/2023	5.140	51.40	48.5	5.98%	2.480	24.80	23.6	5.08%	
16	6/7/2023	Head	D2300V2 SN: 1058	10/18/2023	4.970	49.70	48.5	2.47%	2.380	23.80	23.6	0.85%	
16	6/11/2023	Head	D2300V2 SN: 1058	10/18/2023	4.750	47.50	48.5	-2.06%	2.290	22.90	23.6	-2.97%	
16	6/14/2023	Head	D2300V2 SN: 1058	10/18/2023	5.240	52.40	48.5	8.04%	2.510	25.10	23.6	6.36%	
16	6/18/2023	Head	D2300V2 SN: 1058	10/18/2023	5.130	51.30	48.5	5.77%	2.470	24.70	23.6	4.66%	
16	6/30/2023	Head	D2300V2 SN: 1058	10/18/2023	4.770	47.70	48.5	-1.65%	2.310	23.10	23.6	-2.12%	

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%	
17	6/4/2023	Head	D3500V2 SN: 1060	2/7/2024	6.400	64.00	65.7	-2.59%	2.470	24.70	24.9	-0.80%	
17	6/7/2023	Head	D3500V2 SN: 1060	2/7/2024	6.250	62.50	65.7	-4.87%	2.410	24.10	24.9	-3.21%	
17	6/8/2023	Head	D3700V2 SN: 1110	11/20/2023	6.480	64.80	64.09	1.11%	2.410	24.10	23.60	2.12%	
17	6/11/2023	Head	D3500V2 SN: 1060	2/7/2024	6.630	66.30	65.70	0.91%	2.560	25.60	24.90	2.81%	
17	6/11/2023	Head	D3700V2 SN: 1110	11/20/2023	6.710	67.10	64.09	4.70%	2.500	25.00	23.60	5.93%	
17	6/14/2023	Head	D3500V2 SN: 1060	2/7/2024	6.100	61.00	65.70	-7.15%	2.360	23.60	24.90	-5.22%	30
17	6/14/2023	Head	D3700V2 SN: 1110	11/20/2023	6.600	66.00	64.09	2.98%	2.460	24.60	23.60	4.24%	
17	6/18/2023	Head	D3500V2 SN: 1060	2/7/2024	6.150	61.50	65.70	-6.39%	2.370	23.70	24.90	-4.82%	
17	6/18/2023	Head	D3700V2 SN: 1110	11/20/2023	6.830	68.30	64.09	6.57%	2.560	25.60	23.60	8.47%	31
17	6/21/2023	Head	D3500V2 SN: 1060	2/7/2024	6.360	63.60	65.70	-3.20%	2.470	24.70	24.90	-0.80%	
17	6/25/2023	Head	D3700V2 SN: 1110	11/20/2023	6.590	65.90	64.09	2.82%	2.470	24.70	23.60	4.66%	
17	6/25/2023	Head	D3500V2 SN: 1060	2/7/2024	6.320	63.20	65.70	-3.81%	2.440	24.40	24.90	-2.01%	
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	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%	
18	6/4/2023	Head	D3900V2 SN: 1093	9/28/2023	7.130	71.30	70.30	1.42%	2.550	25.50	24.50	4.08%	
18	6/7/2023	Head	D3900V2 SN: 1093	9/28/2023	7.410	74.10	70.30	5.41%	2.620	26.20	24.50	6.94%	
18	6/11/2023	Head	D3900V2 SN: 1093	9/28/2023	6.960	69.60	70.30	-1.00%	2.500	25.00	24.50	2.04%	
18	6/15/2023	Head	D3900V2 SN: 1093	9/28/2023	6.360	63.60	70.30	-9.53%	2.270	22.70	24.50	-7.35%	32
18	6/22/2023	Head	D3900V2 SN: 1093	9/28/2023	7.160	71.60	70.30	1.85%	2.610	26.10	24.50	6.53%	
18	6/25/2023	Head	D3900V2 SN: 1093	9/28/2023	7.220	72.20	70.30	2.70%	2.670	26.70	24.50	8.98%	
18	6/26/2023	Head	D3500V2 SN: 1011	4/17/2024	6.310	63.10	65.60	-3.81%	2.500	25.00	24.70	1.21%	33
19	6/4/2023	Head	D4900V2 SN: 1065 (4.9 GHz)	11/16/2023	7.450	74.50	69.90	6.58%	2.390	23.90	22.00	8.64%	
19	6/7/2023	Head	D4900V2 SN: 1065 (4.9 GHz)	11/16/2023	6.300	63.00	69.90	-9.87%	2.020	20.20	22.00	-8.18%	34
19	6/11/2023	Head	D4900V2 SN: 1065 (4.9 GHz)	11/16/2023	7.350	73.50	69.90	5.15%	2.360	23.60	22.00	7.27%	
19	6/14/2023	Head	D4900V2 SN: 1065 (4.9 GHz)	11/16/2023	7.370	73.70	69.90	5.44%	2.380	23.80	22.00	8.18%	
19	6/18/2023	Head	D4900V2 SN: 1065 (4.9 GHz)	11/16/2023	7.040	70.40	69.90	0.72%	2.260	22.60	22.00	2.73%	
19	6/22/2023	Head	D3500V2 SN: 1060	2/7/2024	6.690	66.90	65.70	1.83%	2.610	26.10	24.90	4.82%	35
19	6/24/2023	Head	D2300V2 SN: 1058	10/18/2023	4.630	46.30	48.50	-4.54%	2.220	22.20	23.60	-5.93%	36
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	6/16/2023	Head	CLA13 SN: 1008	1/12/2024	0.522	0.522	0.544	-4.04%	0.321	0.321	0.338	-5.03%	37
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	D3500V2 SN: 1011	4/17/2024	6.79	67.90	65.6	3.51%	2.66	26.60	24.7	7.69%	38
2	8/22/2023	Head	D1640V2 SN: 324	6/13/2024	3.56	35.60	33.9	5.01%	1.97	19.70	18.3	7.65%	39
7	8/22/2023	Head	D750V3 SN: 1019	4/13/2024	0.831	8.31	8.51	-2.35%	0.558	5.58	5.59	-0.18%	40

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	29.5	30.3					32.5	32.5	30.5	31.3				
	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	28.8	28.5	27.7	30.5	29.8	28.0	28.0	32.0	29.8	29.5	28.7	31.5	30.8	29.0	29.0
	GPRS 2 slots	30.0	25.8	26.2	24.7	28.3	26.8	25.6	26.7	31.0	26.8	27.2	25.7	29.3	27.8	26.6	27.7
	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 $\leq 1/4$ dB higher than GPRS/EDGE (GMSK) or the adjusted SAR of the highest reported SAR of GPRS/EDGE (GMSK) is ≤ 1.2 W/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	33.0	24.0	33.5	24.5	33.0	24.0	33.5	24.5
			190	836.6	33.1	24.1			33.1	24.1		
			251	848.8	32.9	23.9			32.9	23.9		
		2	128	824.2	32.4	26.4	32.5	26.5	32.4	26.4	32.5	26.5
			190	836.6	32.3	26.3			32.3	26.3		
			251	848.8	32.2	26.2			32.2	26.2		
EDGE (8PSK)	MCS5	1	128	824.2	27.6	18.6	28.0	19.0	27.6	18.6	28.0	19.0
			190	836.6	27.5	18.5			27.5	18.5		
			251	848.8	27.4	18.4			27.4	18.4		
		2	128	824.2	26.5	20.5	27.0	21.0	26.5	20.5	27.0	21.0
			190	836.6	26.4	20.4			26.4	20.4		
			251	848.8	26.2	20.2			26.2	20.2		

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	31.8	22.8	32.5	23.5	31.8	22.8	32.5	23.5
			190	836.6	31.8	22.8			31.8	22.8		
			251	848.8	31.7	22.7			31.7	22.7		
		2	128	824.2	29.9	23.9	30.5	24.5	30.9	24.9	31.3	25.3
			190	836.6	30.1	24.1			31.0	25.0		
			251	848.8	30.0	24.0			30.7	24.7		
EDGE (8PSK)	MCS5	1	128	824.2	26.3	17.3	27.0	18.0	26.3	17.3	27.0	18.0
			190	836.6	26.4	17.4			26.4	17.4		
			251	848.8	26.2	17.2			26.2	17.2		
		2	128	824.2	25.1	19.1	26.0	20.0	25.1	19.1	26.0	20.0
			190	836.6	25.2	19.2			25.2	19.2		
			251	848.8	25.0	19.0			25.0	19.0		

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	29.5	20.5	29.8	20.8
			661	1880.0	31.0	22.0			29.1	20.1		
			810	1909.8	31.4	22.4			28.9	19.9		
		2	512	1850.2	30.7	24.7	31.0	25.0	26.6	20.6	26.8	20.8
			661	1880.0	30.4	24.4			26.5	20.5		
			810	1909.8	30.7	24.7			26.7	20.7		
EDGE (8PSK)	MCS5	1	512	1850.2	26.3	17.3	27.0	18.0	26.3	17.3	27.0	18.0
			661	1880.0	26.2	17.2			26.1	17.1		
			810	1909.8	26.4	17.4			26.4	17.4		
		2	512	1850.2	25.5	19.5	26.0	20.0	25.5	19.5	26.0	20.0
			661	1880.0	25.4	19.4			25.4	19.4		
			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 (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	29.0	20.0	29.5	20.5	28.7	19.7	28.7	19.7
			661	1880.0	28.7	19.7			28.7	19.7		
			810	1909.8	28.9	19.9			28.7	19.7		
		2	512	1850.2	26.6	20.6	27.2	21.2	24.9	18.9	25.7	19.7
			661	1880.0	26.7	20.7			24.9	18.9		
			810	1909.8	26.9	20.9			25.0	19.0		
EDGE (8PSK)	MCS5	1	512	1850.2	23.2	14.2	24.0	15.0	23.2	14.2	24.0	15.0
			661	1880.0	23.3	14.3			23.3	14.3		
			810	1909.8	23.4	14.4			23.4	14.4		
		2	512	1850.2	22.3	16.3	23.0	17.0	22.3	16.3	23.0	17.0
			661	1880.0	22.3	16.3			22.3	16.3		
			810	1909.8	22.0	16.0			22.1	16.1		

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	31.4	22.4	31.5	22.5	30.8	21.8	30.8	21.8
			661	1880.0	31.3	22.3			30.5	21.5		
			810	1909.8	31.0	22.0			30.8	21.8		
		2	512	1850.2	28.7	22.7	29.3	23.3	27.6	21.6	27.8	21.8
			661	1880.0	29.1	23.1			27.7	21.7		
			810	1909.8	29.2	23.2			27.6	21.6		
EDGE (8PSK)	MCS5	1	512	1850.2	26.5	17.5	26.5	17.5	26.5	17.5	26.5	17.5
			661	1880.0	26.4	17.4			26.4	17.4		
			810	1909.8	26.5	17.5			26.5	17.5		
		2	512	1850.2	25.0	19.0	25.5	19.5	25.0	19.0	25.5	19.5
			661	1880.0	25.4	19.4			25.4	19.4		
			810	1909.8	25.2	19.2			25.2	19.1		

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	28.6	19.6	29.0	20.0	28.6	19.6	29.0	20.0
			661	1880.0	28.5	19.5			28.5	19.5		
			810	1909.8	28.7	19.7			28.7	19.7		
		2	512	1850.2	26.2	20.2	26.6	20.6	27.2	21.2	27.7	21.7
			661	1880.0	26.1	20.1			27.2	21.2		
			810	1909.8	25.9	19.9			27.2	21.2		
EDGE (8PSK)	MCS5	1	512	1850.2	23.7	14.7	24.0	15.0	23.7	14.7	24.0	15.0
			661	1880.0	23.8	14.8			23.8	14.8		
			810	1909.8	23.6	14.6			23.6	14.6		
		2	512	1850.2	22.2	16.2	23.0	17.0	22.2	16.2	23.0	17.0
			661	1880.0	22.3	16.3			22.3	16.3		
			810	1909.8	22.4	16.4			22.4	16.4		

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.

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
	β_c/β_d	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 $\leq \frac{1}{4}$ 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	25.0	18.5	19.4	18.8	22.6	21.2	19.1	19.7	25.7	19.2	20.1	19.5	23.3	21.9	19.8	20.4
	HSDPA	25.0	18.5	19.4	18.8	22.6	21.2	19.1	19.7	25.7	19.2	20.1	19.5	23.3	21.9	19.8	20.4
	HSUPA	25.0	18.5	19.4	18.8	22.6	21.2	19.1	19.7	25.7	19.2	20.1	19.5	23.3	21.9	19.8	20.4
	DC-HSDPA	25.0	18.5	19.4	18.8	22.6	21.2	19.1	19.7	25.7	19.2	20.1	19.5	23.3	21.9	19.8	20.4
	HSPA+	25.0	18.5	19.4	18.8	22.6	21.2	19.1	19.7	25.7	19.2	20.1	19.5	23.3	21.9	19.8	20.4
W-CDMA Band 4	R99	24.6	18.6	19.2	19.3	22.1	21.6	19.1	21.7	25.3	19.3	19.9	20.0	22.8	22.3	19.8	22.4
	HSDPA	24.6	18.6	19.2	19.3	22.1	21.6	19.1	21.7	25.3	19.3	19.9	20.0	22.8	22.3	19.8	22.4
	HSUPA	24.6	18.6	19.2	19.3	22.1	21.6	19.1	21.7	25.3	19.3	19.9	20.0	22.8	22.3	19.8	22.4
	DC-HSDPA	24.6	18.6	19.2	19.3	22.1	21.6	19.1	21.7	25.3	19.3	19.9	20.0	22.8	22.3	19.8	22.4
	HSPA+	24.6	18.6	19.2	19.3	22.1	21.6	19.1	21.7	25.3	19.3	19.9	20.0	22.8	22.3	19.8	22.4
W-CDMA Band 5	R99	25.0	25.0	23.8	24.0					25.7	25.7	24.5	24.7				
	HSDPA	25.0	25.0	23.8	24.0					25.7	25.7	24.5	24.7				
	HSUPA	25.0	25.0	23.8	24.0					25.7	25.7	24.5	24.7				
	DC-HSDPA	25.0	25.0	23.8	24.0					25.7	25.7	24.5	24.7				
	HSPA+	25.0	25.0	23.8	24.0					25.7	25.7	24.5	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	25.6	N/A	25.7	19.0	N/A	19.2
		9400	1880.0	25.5			18.9		
		9538	1907.6	25.5			19.0		
HSDPA	Subtest 1	9262	1852.4	24.4	0	25.7	18.0	0	19.2
		9400	1880.0	24.2			17.9		
		9538	1907.6	24.2			18.0		
	Subtest 2	9262	1852.4	24.3	0	25.7	17.9	0	19.2
		9400	1880.0	24.2			17.8		
		9538	1907.6	24.2			18.0		
	Subtest 3	9262	1852.4	23.9	0.5	25.2	17.5	0.5	18.7
		9400	1880.0	23.8			17.4		
		9538	1907.6	23.7			17.5		
	Subtest 4	9262	1852.4	23.9	0.5	25.2	17.4	0.5	18.7
		9400	1880.0	23.7			17.4		
		9538	1907.6	23.7			17.5		
HSPA	Subtest 1	9262	1852.4	24.4	0	25.7	18.0	0	19.2
		9400	1880.0	24.2			18.0		
		9538	1907.6	24.2			18.0		
	Subtest 2	9262	1852.4	22.4	2	23.7	16.0	2	17.2
		9400	1880.0	22.4			15.9		
		9538	1907.6	22.2			16.0		
	Subtest 3	9262	1852.4	23.4	1	24.7	17.0	1	18.2
		9400	1880.0	23.2			16.9		
		9538	1907.6	23.2			17.0		
	Subtest 4	9262	1852.4	22.4	2	23.7	16.0	2	17.2
		9400	1880.0	22.1			15.9		
		9538	1907.6	22.1			16.0		
	Subtest 5	9262	1852.4	24.4	0	25.7	18.0	0	19.2
		9400	1880.0	24.3			18.0		
		9538	1907.6	24.3			18.1		
DC-HSDPA	Subtest 1	9262	1852.4	23.7	0	25.7	17.9	0	19.2
		9400	1880.0	23.7			18.1		
		9538	1907.6	23.7			18.1		
	Subtest 2	9262	1852.4	23.7	0	25.7	17.8	0	19.2
		9400	1880.0	23.7			18.0		
		9538	1907.6	23.7			18.1		
	Subtest 3	9262	1852.4	23.2	0.5	25.2	17.3	0.5	18.7
		9400	1880.0	23.2			17.5		
		9538	1907.6	23.2			17.6		
	Subtest 4	9262	1852.4	23.2	0.5	25.2	17.4	0.5	18.7
		9400	1880.0	23.2			17.6		
		9538	1907.6	23.2			17.6		
HSPA+	Subtest 1	9262	1852.4	24.4	2.5	25.7	17.9	2.5	19.2
		9400	1880.0	24.2			18.0		
		9538	1907.6	24.2			18.0		

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	19.3	N/A	20.1	19.3	N/A	19.5
		9400	1880.0	19.3			19.3		
		9538	1907.6	19.3			19.3		
HSDPA	Subtest 1	9262	1852.4	18.5	0	20.1	18.5	0	19.5
		9400	1880.0	18.3			18.3		
		9538	1907.6	18.4			18.4		
	Subtest 2	9262	1852.4	18.5	0	20.1	18.5	0	19.5
		9400	1880.0	18.3			18.3		
		9538	1907.6	18.4			18.4		
	Subtest 3	9262	1852.4	18.0	0.5	19.6	18.0	0.5	19.0
		9400	1880.0	17.8			17.8		
		9538	1907.6	17.9			17.9		
	Subtest 4	9262	1852.4	17.9	0.5	19.6	17.9	0.5	19.0
		9400	1880.0	17.8			17.8		
		9538	1907.6	17.9			17.9		
HSPA	Subtest 1	9262	1852.4	18.6	0	20.1	18.6	0	19.5
		9400	1880.0	18.4			18.4		
		9538	1907.6	18.4			18.4		
	Subtest 2	9262	1852.4	16.6	2	18.1	16.6	2	17.5
		9400	1880.0	16.3			16.3		
		9538	1907.6	16.5			16.5		
	Subtest 3	9262	1852.4	17.5	1	19.1	17.5	1	18.5
		9400	1880.0	17.4			17.4		
		9538	1907.6	17.5			17.5		
	Subtest 4	9262	1852.4	16.6	2	18.1	16.6	2	17.5
		9400	1880.0	16.4			16.4		
		9538	1907.6	16.4			16.4		
	Subtest 5	9262	1852.4	18.6	0	20.1	18.6	0	19.5
		9400	1880.0	18.4			18.4		
		9538	1907.6	18.5			18.5		
DC-HSDPA	Subtest 1	9262	1852.4	19.0	0	20.1	19.0	0	19.5
		9400	1880.0	19.0			19.0		
		9538	1907.6	19.1			19.1		
	Subtest 2	9262	1852.4	19.0	0	20.1	19.0	0	19.5
		9400	1880.0	19.0			19.0		
		9538	1907.6	19.0			19.0		
	Subtest 3	9262	1852.4	18.5	0.5	19.6	18.5	0.5	19.0
		9400	1880.0	18.5			18.5		
		9538	1907.6	18.5			18.5		
	Subtest 4	9262	1852.4	18.5	0.5	19.6	18.5	0.5	19.0
		9400	1880.0	18.6			18.6		
		9538	1907.6	18.5			18.5		
HSPA+	Subtest 1	9262	1852.4	18.5	2.5	20.1	18.5	2.5	19.5
		9400	1880.0	18.6			18.6		
		9538	1907.6	18.4			18.4		

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	23.3	N/A	23.3	21.7	N/A	21.9
		9400	1880.0	23.2			21.8		
		9538	1907.6	23.2			21.7		
HSDPA	Subtest 1	9262	1852.4	22.4	0	23.3	20.9	0	21.9
		9400	1880.0	22.4			21.0		
		9538	1907.6	22.3			20.8		
	Subtest 2	9262	1852.4	22.4	0	23.3	20.8	0	21.9
		9400	1880.0	22.4			21.0		
		9538	1907.6	22.3			20.7		
	Subtest 3	9262	1852.4	21.8	0.5	22.8	20.4	0.5	21.4
		9400	1880.0	21.9			20.5		
		9538	1907.6	21.8			20.3		
	Subtest 4	9262	1852.4	21.9	0.5	22.8	20.4	0.5	21.4
		9400	1880.0	21.9			20.4		
		9538	1907.6	21.8			20.3		
HSPA	Subtest 1	9262	1852.4	22.4	0	23.3	20.9	0	21.9
		9400	1880.0	22.5			21.1		
		9538	1907.6	22.3			20.9		
	Subtest 2	9262	1852.4	20.4	2	21.3	18.9	2	19.9
		9400	1880.0	20.4			19.1		
		9538	1907.6	20.3			19.0		
	Subtest 3	9262	1852.4	21.3	1	22.3	19.9	1	20.9
		9400	1880.0	21.4			20.0		
		9538	1907.6	21.3			19.8		
	Subtest 4	9262	1852.4	20.3	2	21.3	18.9	2	19.9
		9400	1880.0	20.4			19.0		
		9538	1907.6	20.3			18.9		
	Subtest 5	9262	1852.4	22.3	0	23.3	20.9	0	21.9
		9400	1880.0	22.4			21.0		
		9538	1907.6	22.3			20.9		
DC-HSDPA	Subtest 1	9262	1852.4	22.1	0	23.3	21.4	0	21.9
		9400	1880.0	22.3			21.6		
		9538	1907.6	22.2			21.5		
	Subtest 2	9262	1852.4	22.1	0	23.3	21.3	0	21.9
		9400	1880.0	22.3			21.5		
		9538	1907.6	22.2			21.4		
	Subtest 3	9262	1852.4	21.6	0.5	22.8	20.8	0.5	21.4
		9400	1880.0	21.8			21.0		
		9538	1907.6	21.7			20.9		
	Subtest 4	9262	1852.4	21.6	0.5	22.8	20.9	0.5	21.4
		9400	1880.0	21.8			21.1		
		9538	1907.6	21.7			20.9		
HSPA+	Subtest 1	9262	1852.4	21.6	2.5	23.3	20.1	2.5	21.9
		9400	1880.0	21.8			20.3		
		9538	1907.6	21.7			20.2		

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	19.4	N/A	19.8	20.1	N/A	20.4
		9400	1880.0	19.4			20.4		
		9538	1907.6	19.4			20.4		
HSDPA	Subtest 1	9262	1852.4	18.5	0	19.8	19.2	0	20.4
		9400	1880.0	18.5			19.4		
		9538	1907.6	18.5			19.5		
	Subtest 2	9262	1852.4	18.4	0	19.8	19.1	0	20.4
		9400	1880.0	18.4			19.3		
		9538	1907.6	18.5			19.4		
	Subtest 3	9262	1852.4	17.8	0.5	19.3	18.6	0.5	19.9
		9400	1880.0	17.9			18.8		
		9538	1907.6	17.9			18.9		
	Subtest 4	9262	1852.4	18.0	0.5	19.3	18.6	0.5	19.9
		9400	1880.0	17.8			18.9		
		9538	1907.6	18.0			19.0		
HSPA	Subtest 1	9262	1852.4	18.4	0	19.8	19.1	0	20.4
		9400	1880.0	18.5			19.3		
		9538	1907.6	18.4			19.4		
	Subtest 2	9262	1852.4	16.5	2	17.8	17.1	2	18.4
		9400	1880.0	16.5			17.3		
		9538	1907.6	16.5			17.4		
	Subtest 3	9262	1852.4	17.5	1	18.8	18.1	1	19.4
		9400	1880.0	17.5			18.3		
		9538	1907.6	17.5			18.4		
	Subtest 4	9262	1852.4	16.4	2	17.8	17.1	2	18.4
		9400	1880.0	16.5			17.4		
		9538	1907.6	16.5			17.4		
	Subtest 5	9262	1852.4	18.4	0	19.8	18.9	0	20.4
		9400	1880.0	18.5			18.9		
		9538	1907.6	18.5			19.0		
DC-HSDPA	Subtest 1	9262	1852.4	18.2	0	19.8	19.1	0	20.4
		9400	1880.0	18.5			19.4		
		9538	1907.6	18.6			19.5		
	Subtest 2	9262	1852.4	18.1	0	19.8	19.1	0	20.4
		9400	1880.0	18.4			19.3		
		9538	1907.6	18.5			19.4		
	Subtest 3	9262	1852.4	17.7	0.5	19.3	18.6	0.5	19.9
		9400	1880.0	17.9			18.9		
		9538	1907.6	18.0			19.0		
	Subtest 4	9262	1852.4	17.7	0.5	19.3	18.7	0.5	19.9
		9400	1880.0	18.0			18.9		
		9538	1907.6	18.1			19.0		
HSPA+	Subtest 1	9262	1852.4	18.3	2.5	19.8	19.1	2.5	20.4
		9400	1880.0	18.0			18.8		
		9538	1907.6	18.0			18.9		

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	25.3	N/A	25.3	18.4	N/A	19.3
		1413	1732.6	25.2			18.4		
		1513	1752.6	25.2			18.4		
HSDPA	Subtest 1	1312	1712.4	24.2	0	25.3	18.0	0	19.3
		1413	1732.6	24.3			18.0		
		1513	1752.6	24.0			17.8		
	Subtest 2	1312	1712.4	24.2	0	25.3	17.9	0	19.3
		1413	1732.6	24.2			18.0		
		1513	1752.6	24.0			17.8		
	Subtest 3	1312	1712.4	23.7	0.5	24.8	17.4	0.5	18.8
		1413	1732.6	23.7			17.5		
		1513	1752.6	23.5			17.3		
	Subtest 4	1312	1712.4	23.7	0.5	24.8	17.4	0.5	18.8
		1413	1732.6	23.8			17.5		
		1513	1752.6	23.6			17.3		
HSPA	Subtest 1	1312	1712.4	24.2	0	25.3	18.0	0	19.3
		1413	1732.6	24.2			18.0		
		1513	1752.6	24.0			17.8		
	Subtest 2	1312	1712.4	22.1	2	23.3	16.0	2	17.3
		1413	1732.6	22.2			16.0		
		1513	1752.6	22.0			15.8		
	Subtest 3	1312	1712.4	23.2	1	24.3	17.0	1	18.3
		1413	1732.6	23.2			17.0		
		1513	1752.6	23.0			16.8		
	Subtest 4	1312	1712.4	22.2	2	23.3	16.0	2	17.3
		1413	1732.6	22.2			16.0		
		1513	1752.6	22.0			15.8		
	Subtest 5	1312	1712.4	24.2	0	25.3	18.0	0	19.3
		1413	1732.6	24.3			18.1		
		1513	1752.6	24.1			17.9		
DC-HSDPA	Subtest 1	1312	1712.4	24.4	0	25.3	18.0	0	19.3
		1413	1732.6	24.6			18.1		
		1513	1752.6	24.5			18.0		
	Subtest 2	1312	1712.4	24.5	0	25.3	18.0	0	19.3
		1413	1732.6	24.5			18.1		
		1513	1752.6	24.4			18.0		
	Subtest 3	1312	1712.4	23.9	0.5	24.8	17.5	0.5	18.8
		1413	1732.6	24.0			17.6		
		1513	1752.6	23.9			17.5		
	Subtest 4	1312	1712.4	23.9	0.5	24.8	17.5	0.5	18.8
		1413	1732.6	24.0			17.6		
		1513	1752.6	23.9			17.5		
HSPA+	Subtest 1	1312	1712.4	24.3	2.5	25.3	18.0	2.5	19.3
		1413	1732.6	24.4			18.0		
		1513	1752.6	24.5			17.9		

W-CDMA Band 4 Measured Results (ANT2)

Mode		UL Ch No.	Freq. (MHz)	Power Mode A (dBm)			Power Mode B (dBm)		
				Measured Pwr	MPR	Tune-up Limit	Measured Pwr	MPR	Tune-up Limit
Release 99	Rel 99 (RMC, 12.2 kbps)	1312	1712.4	19.1	N/A	19.9	19.6	N/A	20.0
		1413	1732.6	18.9			19.6		
		1513	1752.6	19.0			19.5		
HSDPA	Subtest 1	1312	1712.4	18.3	0	19.9	18.8	0	20.0
		1413	1732.6	18.2			18.6		
		1513	1752.6	18.2			18.5		
	Subtest 2	1312	1712.4	18.3	0	19.9	18.6	0	20.0
		1413	1732.6	18.2			18.5		
		1513	1752.6	18.1			18.5		
	Subtest 3	1312	1712.4	17.8	0.5	19.4	18.1	0.5	19.5
		1413	1732.6	17.7			17.9		
		1513	1752.6	17.7			17.9		
	Subtest 4	1312	1712.4	17.8	0.5	19.4	18.0	0.5	19.5
		1413	1732.6	17.7			17.9		
		1513	1752.6	17.7			18.0		
HSPA	Subtest 1	1312	1712.4	18.3	0	19.9	18.7	0	20.0
		1413	1732.6	18.2			18.6		
		1513	1752.6	18.2			18.5		
	Subtest 2	1312	1712.4	16.3	2	17.9	16.7	2	18.0
		1413	1732.6	16.2			16.5		
		1513	1752.6	16.2			16.5		
	Subtest 3	1312	1712.4	17.3	1	18.9	17.7	1	19.0
		1413	1732.6	17.2			17.5		
		1513	1752.6	17.2			17.4		
	Subtest 4	1312	1712.4	16.4	2	17.9	16.7	2	18.0
		1413	1732.6	16.2			16.5		
		1513	1752.6	16.2			16.5		
	Subtest 5	1312	1712.4	18.4	0	19.9	18.7	0	20.0
		1413	1732.6	18.2			18.6		
		1513	1752.6	18.5			18.5		
DC-HSDPA	Subtest 1	1312	1712.4	18.2	0	19.9	18.8	0	20.0
		1413	1732.6	18.0			18.7		
		1513	1752.6	18.0			18.6		
	Subtest 2	1312	1712.4	18.2	0	19.9	18.8	0	20.0
		1413	1732.6	18.0			18.6		
		1513	1752.6	18.0			18.6		
	Subtest 3	1312	1712.4	17.6	0.5	19.4	18.3	0.5	19.5
		1413	1732.6	17.4			18.1		
		1513	1752.6	17.5			18.1		
	Subtest 4	1312	1712.4	17.7	0.5	19.4	18.3	0.5	19.5
		1413	1732.6	17.4			18.1		
		1513	1752.6	17.5			18.1		
HSPA+	Subtest 1	1312	1712.4	18.3	2.5	19.9	18.8	2.5	20.0
		1413	1732.6	18.2			18.6		
		1513	1752.6	18.2			18.5		

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	22.7	N/A	22.8	21.7	N/A	22.3
		1413	1732.6	22.8			21.8		
		1513	1752.6	22.8			21.8		
HSDPA	Subtest 1	1312	1712.4	22.0	0	22.8	21.1	0	22.3
		1413	1732.6	21.9			21.0		
		1513	1752.6	22.0			21.0		
	Subtest 2	1312	1712.4	21.9	0	22.8	20.9	0	22.3
		1413	1732.6	21.9			20.9		
		1513	1752.6	21.9			20.9		
	Subtest 3	1312	1712.4	21.5	0.5	22.3	20.4	0.5	21.8
		1413	1732.6	21.4			20.4		
		1513	1752.6	21.5			20.4		
	Subtest 4	1312	1712.4	21.5	0.5	22.3	20.3	0.5	21.8
		1413	1732.6	21.4			20.2		
		1513	1752.6	21.5			20.4		
HSPA	Subtest 1	1312	1712.4	22.0	0	22.8	20.9	0	22.3
		1413	1732.6	21.9			20.9		
		1513	1752.6	22.0			21.0		
	Subtest 2	1312	1712.4	20.0	2	20.8	19.0	2	20.3
		1413	1732.6	20.0			18.9		
		1513	1752.6	20.0			19.1		
	Subtest 3	1312	1712.4	21.0	1	21.8	20.0	1	21.3
		1413	1732.6	20.9			19.9		
		1513	1752.6	21.0			20.0		
	Subtest 4	1312	1712.4	20.0	2	20.8	19.0	2	20.3
		1413	1732.6	19.9			18.9		
		1513	1752.6	20.0			19.0		
	Subtest 5	1312	1712.4	22.0	0	22.8	21.0	0	22.3
		1413	1732.6	22.0			21.0		
		1513	1752.6	22.0			21.0		
DC-HSDPA	Subtest 1	1312	1712.4	21.9	0	22.8	20.9	0	22.3
		1413	1732.6	21.9			20.9		
		1513	1752.6	22.0			20.9		
	Subtest 2	1312	1712.4	21.9	0	22.8	20.9	0	22.3
		1413	1732.6	21.9			20.8		
		1513	1752.6	21.9			20.9		
	Subtest 3	1312	1712.4	21.4	0.5	22.3	20.4	0.5	21.8
		1413	1732.6	21.3			20.3		
		1513	1752.6	21.4			20.4		
	Subtest 4	1312	1712.4	21.4	0.5	22.3	20.4	0.5	21.8
		1413	1732.6	21.3			20.3		
		1513	1752.6	21.4			20.4		
HSPA+	Subtest 1	1312	1712.4	21.4	2.5	22.8	20.4	2.5	22.3
		1413	1732.6	21.3			20.3		
		1513	1752.6	21.3			20.4		

W-CDMA Band 4 Measured Results (ANT4)

Mode		UL Ch No.	Freq. (MHz)	Power Mode A (dBm)			Power Mode B (dBm)		
				Measured Pw r	MPR	Max Output Pw r	Measured Pw r	MPR	Max Output Pw r
Release 99	Rel 99 (RMC, 12.2 kbps)	1312	1712.4	19.4	N/A	19.8	21.2	N/A	22.4
		1413	1732.6	19.4			21.4		
		1513	1752.6	19.4			21.4		
HSDPA	Subtest 1	1312	1712.4	19.0	0	19.8	20.5	0	22.4
		1413	1732.6	18.8			20.5		
		1513	1752.6	18.9			20.4		
	Subtest 2	1312	1712.4	18.7	0	19.8	20.4	0	22.4
		1413	1732.6	18.8			20.5		
		1513	1752.6	18.7			20.6		
	Subtest 3	1312	1712.4	18.2	0.5	19.3	20.3	0.5	21.9
		1413	1732.6	18.1			20.1		
		1513	1752.6	18.2			20.3		
	Subtest 4	1312	1712.4	18.3	0.5	19.3	20.3	0.5	21.9
		1413	1732.6	18.2			20.1		
		1513	1752.6	18.1			20.3		
HSUPA	Subtest 1	1312	1712.4	18.9	0	19.8	20.5	0	22.4
		1413	1732.6	18.8			20.7		
		1513	1752.6	18.8			20.8		
	Subtest 2	1312	1712.4	17.0	2	17.8	18.4	2	20.4
		1413	1732.6	16.8			18.8		
		1513	1752.6	16.9			18.8		
	Subtest 3	1312	1712.4	17.9	1	18.8	19.4	1	21.4
		1413	1732.6	17.7			19.7		
		1513	1752.6	17.8			19.4		
	Subtest 4	1312	1712.4	17.0	2	17.8	18.5	2	20.4
		1413	1732.6	16.7			18.8		
		1513	1752.6	16.9			18.4		
	Subtest 5	1312	1712.4	19.0	0	19.8	20.5	0	22.4
		1413	1732.6	18.7			20.8		
		1513	1752.6	18.8			20.4		
DC-HSDPA	Subtest 1	1312	1712.4	18.9	0	19.8	20.4	0	22.4
		1413	1732.6	18.6			20.6		
		1513	1752.6	18.7			20.7		
	Subtest 2	1312	1712.4	18.9	0	19.8	20.4	0	22.4
		1413	1732.6	18.6			20.6		
		1513	1752.6	18.7			20.7		
	Subtest 3	1312	1712.4	18.3	0.5	19.3	20.3	0.5	21.9
		1413	1732.6	18.1			20.1		
		1513	1752.6	18.2			20.2		
	Subtest 4	1312	1712.4	18.3	0.5	19.3	19.9	0.5	21.9
		1413	1732.6	18.1			20.1		
		1513	1752.6	18.2			20.2		
HSPA+	Subtest 1	1312	1712.4	18.9	2.5	19.8	20.4	2.5	22.4
		1413	1732.6	18.8			20.6		
		1513	1752.6	18.9			20.8		

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	25.3			25.3		
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	24.3			24.3		
		4233	846.6	24.4			24.4		
	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	23.8	0.5	25.2	23.8	0.5	25.2
		4183	836.6	23.9			23.9		
		4233	846.6	23.8			23.8		
HSPA	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	24.4			24.4		
	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	23.4			23.4		
		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	22.3			22.3		
		4233	846.6	22.3			22.3		
	Subtest 5	4132	826.4	24.3	0	25.7	24.3	0	25.7
		4183	836.6	24.4			24.4		
		4233	846.6	24.4			24.4		
DC-HSDPA	Subtest 1	4132	826.4	24.4	0	25.7	24.4	0	25.7
		4183	836.6	24.4			24.4		
		4233	846.6	24.3			24.3		
	Subtest 2	4132	826.4	24.4	0	25.7	24.4	0	25.7
		4183	836.6	24.4			24.4		
		4233	846.6	24.3			24.3		
	Subtest 3	4132	826.4	23.9	0.5	25.2	23.9	0.5	25.2
		4183	836.6	23.9			23.9		
		4233	846.6	23.8			23.8		
	Subtest 4	4132	826.4	23.9	0.5	25.2	23.9	0.5	25.2
		4183	836.6	23.9			23.9		
		4233	846.6	23.7			23.7		
HSPA+	Subtest 1	4132	826.4	24.3	2.5	25.7	24.3	2.5	25.7
		4183	836.6	24.4			24.4		
		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	24.1	N/A	24.5	24.3	N/A	24.7
		4183	836.6	24.2			24.4		
		4233	846.6	24.0			24.3		
HSDPA	Subtest 1	4132	826.4	23.1	0	24.5	23.4	0	24.7
		4183	836.6	23.1			23.4		
		4233	846.6	23.1			23.3		
	Subtest 2	4132	826.4	23.1	0	24.5	23.3	0	24.7
		4183	836.6	23.1			23.3		
		4233	846.6	23.1			23.3		
	Subtest 3	4132	826.4	22.6	0.5	24.0	22.8	0.5	24.2
		4183	836.6	22.6			22.9		
		4233	846.6	22.6			22.9		
	Subtest 4	4132	826.4	22.6	0.5	24.0	22.8	0.5	24.2
		4183	836.6	22.6			22.9		
		4233	846.6	22.6			22.8		
HSPA	Subtest 1	4132	826.4	23.1	0	24.5	23.5	0	24.7
		4183	836.6	23.1			23.3		
		4233	846.6	23.1			23.3		
	Subtest 2	4132	826.4	21.1	2	22.5	21.3	2	22.7
		4183	836.6	21.1			21.3		
		4233	846.6	21.1			21.4		
	Subtest 3	4132	826.4	22.1	1	23.5	22.3	1	23.7
		4183	836.6	22.1			22.3		
		4233	846.6	22.1			22.3		
	Subtest 4	4132	826.4	21.1	2	22.5	21.3	2	22.7
		4183	836.6	21.1			21.3		
		4233	846.6	21.1			21.3		
	Subtest 5	4132	826.4	23.1	0	24.5	23.3	0	24.7
		4183	836.6	23.1			23.4		
		4233	846.6	23.1			23.4		
DC-HSDPA	Subtest 1	4132	826.4	23.1	0	24.5	23.4	0	24.7
		4183	836.6	23.1			23.4		
		4233	846.6	23.1			23.3		
	Subtest 2	4132	826.4	23.2	0	24.5	23.3	0	24.7
		4183	836.6	23.2			23.4		
		4233	846.6	23.1			23.3		
	Subtest 3	4132	826.4	22.7	0.5	24.0	22.8	0.5	24.2
		4183	836.6	22.6			22.9		
		4233	846.6	22.6			22.8		
	Subtest 4	4132	826.4	22.7	0.5	24.0	22.9	0.5	24.2
		4183	836.6	22.7			22.9		
		4233	846.6	22.6			22.8		
HSPA+	Subtest 1	4132	826.4	23.1	2.5	24.5	23.4	2.5	24.7
		4183	836.6	23.1			23.4		
		4233	846.6	23.1			23.3		

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:

- The maximum output power for the smaller band must be $\leq$ the larger band to qualify for the SAR test exclusion.
 - The channel bandwidth and other operating parameters for the smaller band must be fully supported by the larger band.
- LTE Band 2 (1850-1910 MHz) is covered by LTE Band 25 (1850-1915 MHz)
 - LTE Band 4 (1710-1755 MHz) is covered by LTE Band 66 (1710-1780 MHz)
 - LTE Band 17 (704-716 MHz) is covered by LTE Band 12 (699-716 MHz)

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

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

SAR measurement is not required for the 16QAM and 64QAM. When the highest maximum output power for 16QAM and 64QAM is $\leq \frac{1}{2}$ 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	25.0	18.8	19.9	19.4	22.6	21.2	20.4	20.6	25.7	19.5	20.6	20.1	23.3	21.9	21.1	21.3
LTE Band 4	QPSK	24.6	18.8	19.3	18.7	22.1	21.4	20.1	21.0	25.3	19.5	20.0	19.4	22.8	22.1	20.8	21.7
LTE Band 5	QPSK	25.0	25.0	23.8	24.0	24.7	24.6			25.7	25.7	24.5	24.7	25.4	25.3		
LTE Band 7	QPSK	19.3	21.3	18.6	19.2	21.1	20.3	19.3	19.7	20.0	22.0	19.3	19.9	21.8	21.0	20.0	20.4
LTE Band 12	QPSK	25.0	25.0	24.0	24.0	24.7	24.7			25.7	25.7	24.7	24.7	25.4	25.4		
LTE Band 13	QPSK	25.0	25.0	23.8	23.8	24.7	24.7			25.7	25.7	24.5	24.5	25.4	25.4		
LTE Band 14	QPSK	25.0	25.0	23.8	23.8	24.7	24.7			25.7	25.7	24.5	24.5	25.4	25.4		
LTE Band 17	QPSK	25.0	25.0	24.0	24.0	24.7	24.7			25.7	25.7	24.7	24.7	25.4	25.4		
LTE Band 25	QPSK	25.0	18.8	19.9	19.4	22.6	21.2	20.4	20.6	25.7	19.5	20.6	20.1	23.3	21.9	21.1	21.3
LTE Band 26	QPSK	25.0	25.0	23.8	24.0	24.7	24.6			25.7	25.7	24.5	24.7	25.4	25.3		
LTE Band 30	QPSK	25.0	23.6	21.6	21.3	21.6	19.5	21.0	19.2	25.7	24.3	22.3	22.0	22.3	20.2	21.7	19.9
LTE Band 41 (PC3)	QPSK	24.7	21.8	19.5	20.5	23.7	19.9	21.1	19.8	25.7	22.8	20.5	21.5	24.7	20.9	22.1	20.8
LTE Band 41 (PC 2)	QPSK	27.1	23.4	21.1	22.1	25.3	21.5	22.7	21.4	28.1	24.4	22.1	23.1	26.3	22.5	23.7	22.4
LTE Band 53	QPSK	20.0	20.0	19.3	20.0					20.7	20.7	20.0	20.7				
LTE Band 66	QPSK	24.6	18.8	19.3	18.7	22.1	21.4	20.1	21.0	25.3	19.5	20.0	19.4	22.8	22.1	20.8	21.7
LTE Band 71	QPSK	25.0	25.0	24.0	24.0	24.7	24.7			25.7	25.7	24.7	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	24.0	21.8	19.4	19.9	22.5	19.9	22.2	20.6	25.0	22.8	20.4	20.9	23.5	20.9	23.2	21.6

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		25.2		0	25.7		25.2		0	25.7
		1	25		25.2		0	25.7		25.2		0	25.7
		1	49		25.2		0	25.7		25.2		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		24.2		1	24.7		24.2		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		24.4		1	24.7		24.4		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		23.3		2	23.7		23.3		2	23.7
		25	25		23.3		2	23.7		23.3		2	23.7
		50	0		23.3		2	23.7		23.3		2	23.7
	64QAM	1	0		23.3		2	23.7		23.3		2	23.7
		1	25		23.4		2	23.7		23.4		2	23.7
		1	49		23.4		2	23.7		23.4		2	23.7
		25	0		22.2		3	22.7		22.2		3	22.7
		25	12		22.3		3	22.7		22.3		3	22.7
		25	25		22.2		3	22.7		22.2		3	22.7
		50	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	25		20.4		5	20.7		20.4		5	20.7
		1	49		20.4		5	20.7		20.4		5	20.7
		25	0		20.2		5	20.7		20.2		5	20.7
		25	12		20.3		5	20.7		20.3		5	20.7
		25	25		20.3		5	20.7		20.3		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	25.1	25.2	0	25.7	25.2	25.1	25.2	0	25.7
		1	12	25.3	25.2	25.2	0	25.7	25.3	25.2	25.2	0	25.7
		1	24	25.2	25.2	25.2	0	25.7	25.2	25.2	25.2	0	25.7
		12	0	24.3	24.2	24.2	1	24.7	24.3	24.2	24.2	1	24.7
		12	7	24.3	24.2	24.2	1	24.7	24.3	24.2	24.2	1	24.7
		12	13	24.2	24.2	24.3	1	24.7	24.2	24.2	24.3	1	24.7
	16QAM	25	0	24.3	24.2	24.2	1	24.7	24.3	24.2	24.2	1	24.7
		1	0	24.6	24.5	24.6	1	24.7	24.6	24.5	24.6	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	24.5	24.7	1	24.7	24.6	24.5	24.7	1	24.7
		12	0	23.3	23.3	23.4	2	23.7	23.3	23.3	23.4	2	23.7
		12	7	23.3	23.3	23.4	2	23.7	23.3	23.3	23.4	2	23.7
	64QAM	12	13	23.3	23.3	23.4	2	23.7	23.3	23.3	23.4	2	23.7
		25	0	23.3	23.2	23.2	2	23.7	23.3	23.2	23.2	2	23.7
		1	0	23.2	23.3	23.5	2	23.7	23.2	23.3	23.5	2	23.7
		1	12	23.3	23.4	23.6	2	23.7	23.3	23.4	23.6	2	23.7
		1	24	23.2	23.4	23.6	2	23.7	23.2	23.4	23.6	2	23.7
		12	0	22.1	22.2	22.3	3	22.7	22.1	22.2	22.3	3	22.7
	256QAM	12	7	22.2	22.3	22.4	3	22.7	22.2	22.3	22.4	3	22.7
		12	13	22.2	22.2	22.4	3	22.7	22.2	22.2	22.4	3	22.7
		25	0	22.2	22.2	22.4	3	22.7	22.2	22.2	22.4	3	22.7
		1	0	20.1	20.2	20.4	5	20.7	20.1	20.2	20.4	5	20.7
		1	12	20.3	20.3	20.6	5	20.7	20.3	20.3	20.6	5	20.7
		1	24	20.3	20.3	20.5	5	20.7	20.3	20.3	20.5	5	20.7
		12	0	20.1	20.2	20.3	5	20.7	20.1	20.2	20.3	5	20.7
		12	7	20.2	20.3	20.5	5	20.7	20.2	20.3	20.5	5	20.7
		12	13	20.2	20.3	20.4	5	20.7	20.2	20.3	20.4	5	20.7
		25	0	20.2	20.2	20.4	5	20.7	20.2	20.2	20.4	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	25.1	25.1	0	25.7	25.2	25.1	25.1	0	25.7
		1	8	25.3	25.2	25.2	0	25.7	25.3	25.2	25.2	0	25.7
		1	14	25.2	25.1	25.2	0	25.7	25.2	25.1	25.2	0	25.7
		8	0	24.3	24.1	24.2	1	24.7	24.3	24.1	24.2	1	24.7
		8	4	24.3	24.2	24.3	1	24.7	24.3	24.2	24.3	1	24.7
		8	7	24.3	24.2	24.3	1	24.7	24.3	24.2	24.3	1	24.7
	16QAM	15	0	24.2	24.2	24.2	1	24.7	24.2	24.2	24.2	1	24.7
		1	0	24.5	24.5	24.5	1	24.7	24.5	24.5	24.5	1	24.7
		1	8	24.6	24.6	24.6	1	24.7	24.6	24.6	24.6	1	24.7
		1	14	24.5	24.5	24.5	1	24.7	24.5	24.5	24.5	1	24.7
		8	0	23.3	23.2	23.2	2	23.7	23.3	23.2	23.2	2	23.7
		8	4	23.3	23.3	23.3	2	23.7	23.3	23.3	23.3	2	23.7
	64QAM	8	7	23.3	23.3	23.3	2	23.7	23.3	23.3	23.3	2	23.7
		15	0	23.3	23.2	23.3	2	23.7	23.3	23.2	23.3	2	23.7
		1	0	23.3	23.3	23.6	2	23.7	23.3	23.3	23.6	2	23.7
		1	8	23.4	23.4	23.7	2	23.7	23.4	23.4	23.7	2	23.7
		1	14	23.4	23.3	23.6	2	23.7	23.4	23.3	23.6	2	23.7
		8	0	22.1	22.2	22.3	3	22.7	22.1	22.2	22.3	3	22.7
	256QAM	8	4	22.2	22.3	22.5	3	22.7	22.2	22.3	22.5	3	22.7
		8	7	22.2	22.3	22.5	3	22.7	22.2	22.3	22.5	3	22.7
		15	0	22.2	22.2	22.4	3	22.7	22.2	22.2	22.4	3	22.7
		1	0	20.2	20.3	20.5	5	20.7	20.2	20.3	20.5	5	20.7
		1	8	20.3	20.3	20.6	5	20.7	20.3	20.3	20.6	5	20.7
		1	14	20.2	20.4	20.5	5	20.7	20.2	20.4	20.5	5	20.7
	8	0	20.1	20.2	20.4	5	20.7	20.1	20.2	20.4	5	20.7	
	8	4	20.2	20.2	20.5	5	20.7	20.2	20.2	20.5	5	20.7	
	8	7	20.2	20.2	20.4	5	20.7	20.2	20.2	20.4	5	20.7	
	15	0	20.2	20.2	20.4	5	20.7	20.2	20.2	20.4	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	25.1	25.2	0	25.7	25.2	25.1	25.2	0	25.7
		1	3	25.2	25.2	25.2	0	25.7	25.2	25.2	25.2	0	25.7
		1	5	25.2	25.1	25.2	0	25.7	25.2	25.1	25.2	0	25.7
		3	0	25.2	25.2	25.2	0	25.7	25.2	25.2	25.2	0	25.7
		3	1	25.3	25.2	25.3	0	25.7	25.3	25.2	25.3	0	25.7
		3	3	25.3	25.2	25.3	0	25.7	25.3	25.2	25.3	0	25.7
	16QAM	6	0	24.2	24.2	24.2	1	24.7	24.2	24.2	24.2	1	24.7
		1	0	24.5	24.4	24.5	1	24.7	24.5	24.4	24.5	1	24.7
		1	3	24.6	24.4	24.6	1	24.7	24.6	24.4	24.6	1	24.7
		1	5	24.6	24.4	24.6	1	24.7	24.6	24.4	24.6	1	24.7
		3	0	24.4	24.3	24.4	1	24.7	24.4	24.3	24.4	1	24.7
		3	1	24.4	24.3	24.4	1	24.7	24.4	24.3	24.4	1	24.7
	64QAM	3	3	24.4	24.3	24.4	1	24.7	24.4	24.3	24.4	1	24.7
		6	0	23.3	23.3	23.3	2	23.7	23.3	23.3	23.3	2	23.7
		1	0	23.1	23.4	23.5	2	23.7	23.1	23.4	23.5	2	23.7
		1	3	23.2	23.4	23.6	2	23.7	23.2	23.4	23.6	2	23.7
		1	5	23.2	23.3	23.5	2	23.7	23.2	23.3	23.5	2	23.7
		3	0	23.1	23.2	23.5	2	23.7	23.1	23.2	23.5	2	23.7
	256QAM	3	1	23.2	23.3	23.5	2	23.7	23.2	23.3	23.5	2	23.7
		3	3	23.2	23.3	23.5	2	23.7	23.2	23.3	23.5	2	23.7
		6	0	22.0	22.2	22.5	3	22.7	22.0	22.2	22.5	3	22.7
		1	0	20.1	20.3	20.5	5	20.7	20.1	20.3	20.5	5	20.7
		1	3	20.2	20.3	20.5	5	20.7	20.2	20.3	20.5	5	20.7
		1	5	20.2	20.4	20.4	5	20.7	20.2	20.4	20.4	5	20.7
	3	0	20.1	20.2	20.5	5	20.7	20.1	20.2	20.5	5	20.7	
	3	1	20.1	20.2	20.4	5	20.7	20.1	20.2	20.4	5	20.7	
	3	3	20.2	20.3	20.4	5	20.7	20.2	20.3	20.4	5	20.7	
	6	0	20.1	20.2	20.3	5	20.7	20.1	20.2	20.3	5	20.7	

LTE Band 5 Measured Results (ANT2)

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
					836.5 MHz					836.5 MHz			
10	QPSK	1	0		23.6		0	24.5		23.8		0	24.7
		1	25		23.7		0	24.5		23.9		0	24.7
		1	49		23.6		0	24.5		23.8		0	24.7
		25	0		22.8		0.8	23.7		22.8		1	23.7
		25	12		22.9		0.8	23.7		22.9		1	23.7
		25	25		22.8		0.8	23.7		22.8		1	23.7
		50	0		22.9		0.8	23.7		22.8		1	23.7
	16QAM	1	0		23.1		0.8	23.7		23.1		1	23.7
		1	25		23.1		0.8	23.7		23.1		1	23.7
		1	49		23.0		0.8	23.7		23.0		1	23.7
		25	0		21.9		1.8	22.7		21.9		2	22.7
		25	12		21.9		1.8	22.7		21.9		2	22.7
		25	25		21.9		1.8	22.7		21.9		2	22.7
	64QAM	50	0		21.8		1.8	22.7		21.9		2	22.7
		1	0		22.3		1.8	22.7		22.3		2	22.7
		1	25		22.4		1.8	22.7		22.4		2	22.7
		1	49		22.4		1.8	22.7		22.4		2	22.7
		25	0		21.1		2.8	21.7		21.1		3	21.7
		25	12		21.1		2.8	21.7		21.1		3	21.7
		25	25		21.2		2.8	21.7		21.2		3	21.7
	256QAM	50	0		21.2		2.8	21.7		21.2		3	21.7
		1	0		19.1		4.8	19.7		19.2		5	19.7
		1	25		19.3		4.8	19.7		19.3		5	19.7
		1	49		19.3		4.8	19.7		19.3		5	19.7
		25	0		19.1		4.8	19.7		19.1		5	19.7
		25	12		19.1		4.8	19.7		19.1		5	19.7
		25	25		19.2		4.8	19.7		19.2		5	19.7
		50	0		19.2		4.8	19.7		19.2		5	19.7
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		23.5	23.6	0	24.5		23.7	23.8	0	24.7
		1	12		23.6	23.6	0	24.5		23.8	23.9	0	24.7
		1	24		23.5	23.5	0	24.5		23.7	23.8	0	24.7
		12	0		22.7	22.8	0.8	23.7		22.7	22.8	1	23.7
		12	7		22.8	22.8	0.8	23.7		22.9	22.8	1	23.7
		12	13		22.8	22.8	0.8	23.7		22.8	22.9	1	23.7
	16QAM	25	0		22.8	22.8	0.8	23.7		22.8	22.9	1	23.7
		1	0		23.1	23.1	0.8	23.7		23.2	23.2	1	23.7
		1	12		23.2	23.3	0.8	23.7		23.2	23.3	1	23.7
		1	24		23.1	23.1	0.8	23.7		23.1	23.2	1	23.7
		12	0		21.7	21.8	1.8	22.7		21.8	21.9	2	22.7
		12	7		21.9	21.9	1.8	22.7		21.9	22.0	2	22.7
	64QAM	12	13		21.8	21.9	1.8	22.7		21.9	22.0	2	22.7
		25	0		21.8	21.9	1.8	22.7		21.8	21.9	2	22.7
		1	0		22.3	22.3	1.8	22.7		22.2	22.3	2	22.7
		1	12		22.4	22.4	1.8	22.7		22.3	22.4	2	22.7
		1	24		22.3	22.3	1.8	22.7		22.3	22.3	2	22.7
		12	0		21.0	21.1	2.8	21.7		21.1	21.2	3	21.7
	256QAM	12	7		21.1	21.1	2.8	21.7		21.2	21.2	3	21.7
		12	13		21.1	21.2	2.8	21.7		21.2	21.2	3	21.7
		25	0		21.1	21.2	2.8	21.7		21.2	21.1	3	21.7
		1	0		19.2	19.1	4.8	19.7		19.1	19.2	5	19.7
		1	12		19.3	19.3	4.8	19.7		19.3	19.4	5	19.7
		1	24		19.2	19.2	4.8	19.7		19.3	19.3	5	19.7
		12	0		19.0	19.1	4.8	19.7		19.1	19.2	5	19.7
		12	7		19.2	19.1	4.8	19.7		19.2	19.1	5	19.7
		12	13		19.1	19.2	4.8	19.7		19.2	19.3	5	19.7
		25	0		19.1	19.2	4.8	19.7		19.1	19.2	5	19.7

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	23.5	23.4	23.6	0	24.5	23.7	23.7	23.7	0	24.7
		1	8	23.6	23.6	23.7	0	24.5	23.8	23.8	23.8	0	24.7
		1	14	23.5	23.5	23.6	0	24.5	23.7	23.7	23.7	0	24.7
		8	0	22.7	22.7	22.8	0.8	23.7	22.7	22.8	22.8	1	23.7
		8	4	22.8	22.8	22.8	0.8	23.7	22.8	22.8	22.8	1	23.7
		8	7	22.8	22.8	22.9	0.8	23.7	22.8	22.9	22.9	1	23.7
	16QAM	15	0	22.8	22.8	22.8	0.8	23.7	22.8	22.8	22.8	1	23.7
		1	0	22.9	23.1	23.1	0.8	23.7	23.0	23.1	23.1	1	23.7
		1	8	23.1	23.2	23.2	0.8	23.7	23.1	23.2	23.2	1	23.7
		1	14	23.0	23.1	23.1	0.8	23.7	23.0	23.1	23.2	1	23.7
		8	0	21.8	21.8	21.9	1.8	22.7	21.8	21.8	21.9	2	22.7
		8	4	21.9	21.8	21.9	1.8	22.7	21.9	21.8	21.9	2	22.7
	64QAM	8	7	21.9	21.9	22.0	1.8	22.7	21.9	21.9	22.0	2	22.7
		15	0	21.8	21.9	21.9	1.8	22.7	21.8	21.9	21.8	2	22.7
		1	0	22.4	22.3	22.1	1.8	22.7	22.1	22.4	22.3	2	22.7
		1	8	22.5	22.4	22.3	1.8	22.7	22.2	22.3	22.3	2	22.7
		1	14	22.3	22.3	22.2	1.8	22.7	22.2	22.3	22.2	2	22.7
		8	0	21.0	21.1	21.2	2.8	21.7	21.1	21.1	21.2	3	21.7
	256QAM	8	4	21.1	21.1	21.2	2.8	21.7	21.2	21.1	21.2	3	21.7
		8	7	21.2	21.2	21.3	2.8	21.7	21.2	21.2	21.3	3	21.7
		15	0	21.1	21.2	21.1	2.8	21.7	21.2	21.2	21.1	3	21.7
		1	0	19.1	19.2	19.3	4.8	19.7	19.2	19.2	19.2	5	19.7
		1	8	19.3	19.3	19.4	4.8	19.7	19.3	19.3	19.3	5	19.7
		1	14	19.2	19.3	19.3	4.8	19.7	19.2	19.2	19.3	5	19.7
		8	0	19.0	19.1	19.2	4.8	19.7	19.1	19.1	19.2	5	19.7
		8	4	19.1	19.1	19.2	4.8	19.7	19.2	19.1	19.2	5	19.7
		8	7	19.1	19.2	19.3	4.8	19.7	19.2	19.2	19.3	5	19.7
		15	0	19.1	19.2	19.2	4.8	19.7	19.1	19.1	19.2	5	19.7
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	23.5	23.5	23.6	0	24.5	23.7	23.8	23.8	0	24.7
		1	3	23.5	23.5	23.6	0	24.5	23.7	23.8	23.8	0	24.7
		1	5	23.5	23.5	23.6	0	24.5	23.7	23.8	23.8	0	24.7
		3	0	23.5	23.5	23.6	0	24.5	23.7	23.8	23.8	0	24.7
		3	1	23.5	23.6	23.6	0	24.5	23.8	23.8	23.8	0	24.7
		3	3	23.5	23.6	23.7	0	24.5	23.8	23.8	23.9	0	24.7
	16QAM	6	0	22.7	22.7	22.8	0.8	23.7	22.8	22.8	22.8	1	23.7
		1	0	22.9	23.1	23.1	0.8	23.7	23.0	23.1	23.0	1	23.7
		1	3	22.9	23.1	23.2	0.8	23.7	23.1	23.1	23.1	1	23.7
		1	5	22.8	23.1	23.2	0.8	23.7	23.1	23.1	23.0	1	23.7
		3	0	22.8	22.8	23.0	0.8	23.7	22.9	22.9	23.0	1	23.7
		3	1	22.8	22.9	23.0	0.8	23.7	22.9	22.9	23.0	1	23.7
	64QAM	3	3	22.8	22.9	23.0	0.8	23.7	22.9	23.0	23.0	1	23.7
		6	0	21.7	21.8	21.9	1.8	22.7	21.8	21.9	21.9	2	22.7
		1	0	22.3	22.1	22.3	1.8	22.7	22.2	22.1	22.3	2	22.7
		1	3	22.3	22.0	22.3	1.8	22.7	22.2	22.3	22.3	2	22.7
		1	5	22.4	22.1	22.3	1.8	22.7	22.1	22.4	22.3	2	22.7
		3	0	22.2	22.0	22.3	1.8	22.7	22.2	22.3	22.1	2	22.7
	256QAM	3	1	22.2	22.0	22.3	1.8	22.7	22.3	22.3	22.1	2	22.7
		3	3	22.2	22.1	22.3	1.8	22.7	22.3	22.3	22.1	2	22.7
		6	0	21.1	21.2	21.2	2.8	21.7	21.2	21.1	21.2	3	21.7
		1	0	19.2	19.1	19.3	4.8	19.7	19.2	19.1	19.3	5	19.7
		1	3	19.3	19.4	19.3	4.8	19.7	19.2	19.3	19.3	5	19.7
		1	5	19.2	19.2	19.3	4.8	19.7	19.3	19.2	19.3	5	19.7
		3	0	19.1	19.0	19.2	4.8	19.7	19.1	19.0	19.2	5	19.7
		3	1	19.1	19.1	19.2	4.8	19.7	19.1	19.1	19.3	5	19.7
		3	3	19.1	19.1	19.2	4.8	19.7	19.2	19.1	19.3	5	19.7
		6	0	19.0	19.2	19.1	4.8	19.7	19.1	19.1	19.2	5	19.7

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		25.1		0	25.3
		1	25		25.3		0	25.4		25.2		0	25.3
		1	49		25.2		0	25.4		25.1		0	25.3
		25	0		24.3		1	24.4		24.2		0.9	24.4
		25	12		24.3		1	24.4		24.3		0.9	24.4
		25	25		24.3		1	24.4		24.3		0.9	24.4
		50	0		24.3		1	24.4		24.3		0.9	24.4
	16QAM	1	0		24.4		1	24.4		24.4		0.9	24.4
		1	25		24.4		1	24.4		24.4		0.9	24.4
		1	49		24.4		1	24.4		24.4		0.9	24.4
		25	0		23.3		2	23.4		23.3		1.9	23.4
		25	12		23.3		2	23.4		23.4		1.9	23.4
		25	25		23.3		2	23.4		23.4		1.9	23.4
	64QAM	1	0		23.3		2	23.4		23.3		1.9	23.4
		1	25		23.1		2	23.4		23.0		1.9	23.4
		1	49		23.1		2	23.4		23.1		1.9	23.4
		1	49		23.2		2	23.4		23.2		1.9	23.4
		25	0		22.0		3	22.4		22.0		2.9	22.4
		25	12		22.1		3	22.4		22.0		2.9	22.4
		25	25		22.1		3	22.4		22.0		2.9	22.4
	256QAM	1	0		22.1		3	22.4		22.0		2.9	22.4
		1	0		20.1		5	20.4		20.1		4.9	20.4
		1	25		20.2		5	20.4		20.2		4.9	20.4
		1	49		20.2		5	20.4		20.2		4.9	20.4
		25	0		20.0		5	20.4		19.9		4.9	20.4
		25	12		20.1		5	20.4		20.0		4.9	20.4
		25	25		20.1		5	20.4		20.0		4.9	20.4
		50	0		20.1		5	20.4		20.0		4.9	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	25.1	25.2	25.2	0	25.4	25.2	25.1	25.0	0	25.3
		1	12	25.2	25.3	25.3	0	25.4	25.2	25.3	25.1	0	25.3
		1	24	25.1	25.2	25.2	0	25.4	25.1	25.1	25.0	0	25.3
		12	0	24.1	24.2	24.2	1	24.4	24.3	24.2	24.1	0.9	24.4
		12	7	24.2	24.3	24.3	1	24.4	24.3	24.3	24.2	0.9	24.4
		12	13	24.2	24.3	24.3	1	24.4	24.4	24.3	24.2	0.9	24.4
	16QAM	25	0	24.2	24.3	24.2	1	24.4	24.2	24.3	24.2	0.9	24.4
		1	0	24.4	24.4	24.4	1	24.4	24.4	24.4	24.4	0.9	24.4
		1	12	24.4	24.4	24.4	1	24.4	24.4	24.4	24.4	0.9	24.4
		1	24	24.4	24.4	24.4	1	24.4	24.4	24.4	24.4	0.9	24.4
		12	0	23.2	23.3	23.3	2	23.4	23.3	23.3	23.3	1.9	23.4
		12	7	23.3	23.4	23.3	2	23.4	23.3	23.4	23.4	1.9	23.4
	64QAM	12	13	23.3	23.4	23.4	2	23.4	23.4	23.3	23.3	1.9	23.4
		25	0	23.2	23.3	23.3	2	23.4	23.3	23.3	23.2	1.9	23.4
		1	0	23.1	23.2	23.2	2	23.4	23.0	23.1	23.1	1.9	23.4
		1	12	23.2	23.2	23.2	2	23.4	23.0	23.1	23.2	1.9	23.4
		1	24	23.1	23.2	23.2	2	23.4	23.0	23.1	23.2	1.9	23.4
		12	0	21.9	22.0	22.1	3	22.4	21.8	21.9	22.0	2.9	22.4
	256QAM	12	7	22.0	22.1	22.1	3	22.4	22.0	22.0	22.0	2.9	22.4
		12	13	22.0	22.1	22.1	3	22.4	21.9	22.0	22.1	2.9	22.4
		25	0	22.0	22.1	22.1	3	22.4	21.9	22.0	22.1	2.9	22.4
		1	0	20.0	20.0	20.2	5	20.4	19.9	20.0	20.1	4.9	20.4
		1	12	20.2	20.2	20.2	5	20.4	20.0	20.2	20.2	4.9	20.4
		1	24	20.1	20.1	20.2	5	20.4	20.0	20.1	20.2	4.9	20.4
		12	0	19.9	20.0	20.0	5	20.4	19.8	19.9	20.0	4.9	20.4
		12	7	20.0	20.1	20.1	5	20.4	20.0	20.0	20.0	4.9	20.4
		12	13	20.0	20.1	20.2	5	20.4	19.9	20.0	20.1	4.9	20.4
		25	0	20.0	20.0	20.1	5	20.4	19.9	20.0	20.1	4.9	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	25.1	25.2	25.2	0	25.4	25.1	25.1	25.0	0	25.3
		1	8	25.2	25.3	25.3	0	25.4	25.2	25.2	25.1	0	25.3
		1	14	25.1	25.2	25.2	0	25.4	25.1	25.1	25.0	0	25.3
		8	0	24.1	24.2	24.2	1	24.4	24.2	24.2	24.1	0.9	24.4
		8	4	24.2	24.3	24.3	1	24.4	24.3	24.3	24.2	0.9	24.4
		8	7	24.2	24.3	24.3	1	24.4	24.3	24.3	24.2	0.9	24.4
	16QAM	15	0	24.2	24.3	24.3	1	24.4	24.3	24.3	24.2	0.9	24.4
		1	0	24.4	24.4	24.4	1	24.4	24.4	24.4	24.4	0.9	24.4
		1	8	24.4	24.4	24.4	1	24.4	24.4	24.4	24.4	0.9	24.4
		1	14	24.4	24.4	24.4	1	24.4	24.4	24.4	24.4	0.9	24.4
		8	0	23.1	23.3	23.3	2	23.4	23.3	23.3	23.2	1.9	23.4
		8	4	23.3	23.4	23.4	2	23.4	23.4	23.4	23.3	1.9	23.4
	64QAM	8	7	23.3	23.4	23.4	2	23.4	23.4	23.4	23.3	1.9	23.4
		15	0	23.2	23.3	23.3	2	23.4	23.3	23.3	23.2	1.9	23.4
		1	0	23.0	23.2	23.1	2	23.4	23.0	23.1	23.1	1.9	23.4
		1	8	23.2	23.2	23.2	2	23.4	23.1	23.1	23.2	1.9	23.4
		1	14	23.1	23.2	23.1	2	23.4	23.0	23.0	23.2	1.9	23.4
		8	0	22.0	22.0	22.1	3	22.4	21.8	21.9	22.0	2.9	22.4
	256QAM	8	4	22.0	22.1	22.1	3	22.4	21.9	22.0	22.1	2.9	22.4
		8	7	22.0	22.1	22.2	3	22.4	21.9	22.0	22.1	2.9	22.4
		15	0	22.0	22.1	22.1	3	22.4	21.9	22.0	22.0	2.9	22.4
		1	0	19.9	20.2	20.2	5	20.4	19.8	19.9	20.2	4.9	20.4
		1	8	20.1	20.2	20.2	5	20.4	20.1	20.1	20.2	4.9	20.4
		1	14	20.0	20.2	20.2	5	20.4	20.0	20.0	20.2	4.9	20.4
		8	0	19.9	20.0	20.1	5	20.4	19.8	19.9	20.0	4.9	20.4
		8	4	20.0	20.1	20.1	5	20.4	19.9	20.0	20.1	4.9	20.4
		8	7	20.0	20.1	20.2	5	20.4	19.9	20.0	20.1	4.9	20.4
		15	0	20.0	20.0	20.1	5	20.4	19.9	20.0	20.0	4.9	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	24.3	25.2	24.3	0	25.4	24.3	25.1	24.3	0	25.3
		1	3	25.2	25.3	25.3	0	25.4	25.2	25.2	25.2	0	25.3
		1	5	25.2	25.3	25.3	0	25.4	25.2	25.2	25.1	0	25.3
		3	0	25.2	25.3	25.3	0	25.4	25.2	25.2	25.2	0	25.3
		3	1	25.3	25.3	25.3	0	25.4	25.2	25.2	25.2	0	25.3
		3	3	25.3	25.3	25.3	0	25.4	25.2	25.2	25.2	0	25.3
	16QAM	6	0	24.4	24.4	24.4	1	24.4	24.4	24.4	24.4	0.9	24.4
		1	0	24.4	24.4	24.4	1	24.4	24.4	24.4	24.4	0.9	24.4
		1	3	24.4	24.4	24.4	1	24.4	24.4	24.4	24.4	0.9	24.4
		1	5	24.4	24.4	24.4	1	24.4	24.4	24.4	24.4	0.9	24.4
		3	0	24.4	24.4	24.4	1	24.4	24.4	24.4	24.4	0.9	24.4
		3	1	24.4	24.4	24.4	1	24.4	24.4	24.4	24.4	0.9	24.4
	64QAM	3	3	24.4	24.4	24.4	1	24.4	24.4	24.4	24.4	0.9	24.4
		6	0	23.4	23.4	23.4	2	23.4	23.4	23.4	23.4	1.9	23.4
		1	0	23.2	23.1	23.1	2	23.4	23.0	22.9	23.2	1.9	23.4
		1	3	23.2	23.2	23.2	2	23.4	23.0	23.1	23.2	1.9	23.4
		1	5	23.1	23.1	23.1	2	23.4	23.1	23.0	23.2	1.9	23.4
		3	0	22.9	23.1	23.2	2	23.4	23.0	23.0	23.2	1.9	23.4
	256QAM	3	1	23.0	23.1	23.2	2	23.4	23.0	23.0	23.2	1.9	23.4
		3	3	23.0	23.1	23.2	2	23.4	23.0	23.0	23.2	1.9	23.4
		6	0	21.9	22.0	22.1	3	22.4	21.9	22.0	22.1	2.9	22.4
		1	0	19.9	20.1	20.2	5	20.4	19.9	19.9	20.2	4.9	20.4
		1	3	20.0	20.1	20.2	5	20.4	19.9	20.0	20.2	4.9	20.4
		1	5	20.0	20.1	20.2	5	20.4	19.9	20.0	20.2	4.9	20.4
		3	0	19.9	20.0	20.1	5	20.4	19.7	20.0	20.1	4.9	20.4
		3	1	20.0	20.0	20.1	5	20.4	19.8	20.0	20.1	4.9	20.4
		3	3	20.0	20.0	20.1	5	20.4	19.8	20.0	20.1	4.9	20.4
		6	0	19.9	20.1	20.2	5	20.4	19.7	20.0	20.0	4.9	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	19.3	19.3	19.3	0	20.0	20.5	20.5	20.7	0	22.0
		1	49	19.4	19.5	19.4	0	20.0	20.7	20.8	20.7	0	22.0
		1	99	19.3	19.2	19.3	0	20.0	20.6	20.7	20.9	0	22.0
		50	0	19.3	19.2	19.3	0	20.0	20.7	20.7	20.8	0	22.0
		50	24	19.6	19.6	19.6	0	20.0	20.8	20.8	20.9	0	22.0
		50	50	19.3	19.2	19.3	0	20.0	20.7	20.7	20.9	0	22.0
		100	0	19.6	19.6	19.5	0	20.0	20.8	20.8	20.8	0	22.0
	16QAM	1	0	19.2	19.2	19.2	0	20.0	20.8	20.9	21.1	0	22.0
		1	49	19.2	19.3	19.3	0	20.0	20.9	21.2	21.1	0	22.0
		1	99	19.3	19.3	19.3	0	20.0	20.8	21.1	21.2	0	22.0
		50	0	19.3	19.2	19.3	0	20.0	20.7	20.7	20.9	0	22.0
		50	24	19.3	19.3	19.3	0	20.0	20.7	20.8	20.9	0	22.0
		50	50	19.3	19.2	19.3	0	20.0	20.7	20.7	20.9	0	22.0
		100	0	19.3	19.3	19.2	0	20.0	20.7	20.7	20.9	0	22.0
	64QAM	1	0	19.2	19.3	19.3	0	20.0	20.6	20.6	20.6	0	22.0
		1	49	19.2	19.3	19.2	0	20.0	20.8	20.7	20.9	0	22.0
		1	99	19.3	19.2	19.3	0	20.0	20.7	20.9	20.6	0	22.0
		50	0	19.3	19.3	19.3	0	20.0	20.5	20.6	20.7	0	22.0
		50	24	19.3	19.2	19.3	0	20.0	20.5	20.6	20.7	0	22.0
		50	50	19.2	19.3	19.2	0	20.0	20.5	20.6	20.7	0	22.0
		100	0	19.3	19.3	19.3	0	20.0	20.5	20.6	20.7	0	22.0
	256QAM	1	0	19.3	19.3	19.2	0	20.0	20.2	20.2	20.1	1.3	20.7
		1	49	19.3	19.3	19.3	0	20.0	20.2	20.3	20.3	1.3	20.7
		1	99	19.3	19.2	19.2	0	20.0	20.2	20.4	20.3	1.3	20.7
		50	0	19.2	19.3	19.3	0	20.0	20.0	20.1	20.1	1.3	20.7
		50	24	19.3	19.3	19.3	0	20.0	20.0	20.1	20.2	1.3	20.7
		50	50	19.3	19.3	19.2	0	20.0	20.0	20.1	20.2	1.3	20.7
		100	0	19.3	19.3	19.3	0	20.0	20.0	20.1	20.2	1.3	20.7
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	19.2	19.3	19.2	0	20.0	20.4	20.6	20.7	0	22.0
		1	37	19.3	19.3	19.2	0	20.0	20.5	20.7	20.7	0	22.0
		1	74	19.2	19.3	19.2	0	20.0	20.5	20.8	20.8	0	22.0
		36	0	19.2	19.3	19.2	0	20.0	20.7	20.7	20.9	0	22.0
		36	20	19.2	19.3	19.3	0	20.0	20.7	20.8	20.9	0	22.0
		36	39	19.3	19.2	19.2	0	20.0	20.7	20.8	20.9	0	22.0
		75	0	19.3	19.3	19.2	0	20.0	20.7	20.8	20.9	0	22.0
	16QAM	1	0	19.2	19.2	19.3	0	20.0	20.9	21.0	21.0	0	22.0
		1	37	19.3	19.2	19.3	0	20.0	21.0	21.2	21.1	0	22.0
		1	74	19.3	19.2	19.2	0	20.0	21.0	21.1	21.1	0	22.0
		36	0	19.3	19.3	19.2	0	20.0	20.6	20.8	20.9	0	22.0
		36	20	19.3	19.3	19.3	0	20.0	20.7	20.8	20.9	0	22.0
		36	39	19.3	19.2	19.2	0	20.0	20.7	20.8	20.9	0	22.0
		75	0	19.3	19.3	19.3	0	20.0	20.7	20.8	20.9	0	22.0
	64QAM	1	0	19.3	19.3	19.3	0	20.0	20.6	20.7	20.7	0	22.0
		1	37	19.2	19.3	19.2	0	20.0	20.7	20.8	20.8	0	22.0
		1	74	19.3	19.2	19.2	0	20.0	20.7	20.7	20.8	0	22.0
		36	0	19.3	19.3	19.3	0	20.0	20.5	20.6	20.7	0	22.0
		36	20	19.3	19.3	19.3	0	20.0	20.5	20.6	20.7	0	22.0
		36	39	19.2	19.2	19.3	0	20.0	20.5	20.6	20.7	0	22.0
		75	0	19.2	19.2	19.2	0	20.0	20.5	20.6	20.7	0	22.0
	256QAM	1	0	19.3	19.2	19.3	0	20.0	20.0	20.2	20.2	1.3	20.7
		1	37	19.3	19.2	19.3	0	20.0	20.1	20.2	20.3	1.3	20.7
		1	74	19.3	19.3	19.3	0	20.0	20.1	20.2	20.2	1.3	20.7
		36	0	19.3	19.3	19.3	0	20.0	20.1	20.1	20.2	1.3	20.7
		36	20	19.3	19.2	19.2	0	20.0	20.0	20.1	20.2	1.3	20.7
		36	39	19.3	19.2	19.3	0	20.0	20.0	20.1	20.2	1.3	20.7
		75	0	19.3	19.2	19.2	0	20.0	20.0	20.1	20.2	1.3	20.7

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	19.2	19.3	19.2	0	20.0	20.7	20.8	21.0	0	22.0
		1	25	19.3	19.2	19.3	0	20.0	20.8	20.8	21.0	0	22.0
		1	49	19.3	19.3	19.3	0	20.0	20.8	20.9	21.1	0	22.0
		25	0	19.2	19.3	19.2	0	20.0	20.8	20.9	21.1	0	22.0
		25	12	19.3	19.3	19.2	0	20.0	20.8	20.9	21.1	0	22.0
		25	25	19.3	19.3	19.3	0	20.0	20.8	20.9	21.1	0	22.0
	16QAM	50	0	19.3	19.3	19.3	0	20.0	20.8	20.9	21.1	0	22.0
		1	0	19.3	19.3	19.2	0	20.0	21.0	21.1	21.2	0	22.0
		1	25	19.3	19.2	19.3	0	20.0	21.0	21.2	21.2	0	22.0
		1	49	19.2	19.2	19.3	0	20.0	21.0	21.2	21.2	0	22.0
		25	0	19.3	19.2	19.2	0	20.0	20.8	20.9	21.1	0	22.0
		25	12	19.3	19.3	19.2	0	20.0	20.9	20.9	21.1	0	22.0
	64QAM	25	25	19.2	19.3	19.3	0	20.0	20.8	20.9	21.1	0	22.0
		50	0	19.2	19.2	19.3	0	20.0	20.8	20.9	21.1	0	22.0
		1	0	19.3	19.3	19.3	0	20.0	20.7	20.8	20.9	0	22.0
		1	25	19.2	19.3	19.3	0	20.0	20.7	20.9	20.9	0	22.0
		1	49	19.2	19.2	19.3	0	20.0	20.7	20.8	20.9	0	22.0
		25	0	19.3	19.2	19.2	0	20.0	20.6	20.7	20.8	0	22.0
	256QAM	25	12	19.2	19.3	19.3	0	20.0	20.7	20.7	20.8	0	22.0
		25	25	19.3	19.3	19.3	0	20.0	20.7	20.7	20.7	0	22.0
		50	0	19.2	19.3	19.3	0	20.0	20.6	20.7	20.8	0	22.0
		1	0	19.3	19.3	19.3	0	20.0	20.2	20.3	20.4	1.3	20.7
		1	25	19.2	19.2	19.3	0	20.0	20.2	20.4	20.5	1.3	20.7
		1	49	19.2	19.3	19.3	0	20.0	20.3	20.4	20.4	1.3	20.7
		25	0	19.3	19.2	19.2	0	20.0	20.1	20.2	20.3	1.3	20.7
		25	12	19.3	19.3	19.3	0	20.0	20.2	20.2	20.3	1.3	20.7
		25	25	19.2	19.3	19.2	0	20.0	20.1	20.2	20.3	1.3	20.7
		50	0	19.3	19.3	19.3	0	20.0	20.2	20.1	20.3	1.3	20.7
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	19.3	19.2	19.3	0	20.0	20.7	20.8	21.0	0	22.0
		1	12	19.2	19.2	19.3	0	20.0	20.8	20.9	21.1	0	22.0
		1	24	19.3	19.2	19.2	0	20.0	20.8	20.9	21.0	0	22.0
		12	0	19.3	19.3	19.3	0	20.0	20.8	20.9	21.1	0	22.0
		12	7	19.3	19.2	19.3	0	20.0	20.8	20.9	21.1	0	22.0
		12	13	19.3	19.3	19.3	0	20.0	20.8	20.9	21.1	0	22.0
	16QAM	25	0	19.3	19.3	19.3	0	20.0	20.8	20.9	21.1	0	22.0
		1	0	19.3	19.3	19.2	0	20.0	21.1	21.1	21.1	0	22.0
		1	12	19.3	19.3	19.3	0	20.0	21.2	21.2	21.2	0	22.0
		1	24	19.3	19.3	19.3	0	20.0	21.2	21.2	21.2	0	22.0
		12	0	19.3	19.3	19.3	0	20.0	20.9	20.9	21.1	0	22.0
		12	7	19.3	19.2	19.3	0	20.0	20.9	21.0	21.1	0	22.0
	64QAM	12	13	19.3	19.2	19.3	0	20.0	20.9	20.9	21.1	0	22.0
		25	0	19.3	19.2	19.3	0	20.0	20.8	20.9	21.1	0	22.0
		1	0	19.3	19.3	19.3	0	20.0	20.7	20.9	21.1	0	22.0
		1	12	19.2	19.3	19.3	0	20.0	20.8	21.0	21.1	0	22.0
		1	24	19.2	19.3	19.3	0	20.0	20.8	20.9	21.1	0	22.0
		12	0	19.2	19.2	19.2	0	20.0	20.6	20.7	20.8	0	22.0
	256QAM	12	7	19.3	19.2	19.2	0	20.0	20.7	20.8	20.8	0	22.0
		12	13	19.2	19.2	19.3	0	20.0	20.7	20.7	20.8	0	22.0
		25	0	19.3	19.3	19.3	0	20.0	20.6	20.6	20.8	0	22.0
		1	0	19.3	19.2	19.3	0	20.0	20.2	20.3	20.4	1.3	20.7
		1	12	19.2	19.3	19.3	0	20.0	20.3	20.4	20.5	1.3	20.7
		1	24	19.3	19.3	19.3	0	20.0	20.2	20.3	20.4	1.3	20.7
		12	0	19.2	19.2	19.3	0	20.0	20.1	20.2	20.3	1.3	20.7
		12	7	19.3	19.2	19.2	0	20.0	20.2	20.2	20.3	1.3	20.7
		12	13	19.3	19.3	19.3	0	20.0	20.1	20.1	20.3	1.3	20.7
		25	0	19.3	19.2	19.3	0	20.0	20.1	20.2	20.3	1.3	20.7

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	18.1	18.1	18.2	0	19.3	19.1	19.0	19.2	0	19.9
		1	49	18.2	18.1	18.3	0	19.3	19.1	19.1	19.2	0	19.9
		1	99	18.1	18.1	18.2	0	19.3	19.1	19.1	19.2	0	19.9
		50	0	18.2	18.2	18.1	0	19.3	19.2	19.2	19.0	0	19.9
		50	24	18.3	18.2	18.3	0	19.3	19.3	19.2	19.3	0	19.9
		50	50	18.2	18.2	18.3	0	19.3	19.2	19.2	19.3	0	19.9
		100	0	18.2	18.2	18.2	0	19.3	19.2	19.2	19.2	0	19.9
	16QAM	1	0	18.1	18.1	18.2	0	19.3	19.1	19.3	19.1	0	19.9
		1	49	18.2	18.1	18.1	0	19.3	19.1	19.2	19.2	0	19.9
		1	99	18.3	18.1	18.2	0	19.3	19.1	19.2	19.0	0	19.9
		50	0	18.3	18.3	18.3	0	19.3	19.3	19.2	19.3	0	19.9
		50	24	18.2	18.2	18.0	0	19.3	19.3	19.2	19.3	0	19.9
		50	50	18.2	18.3	18.2	0	19.3	19.2	19.2	19.3	0	19.9
		100	0	18.2	18.2	18.3	0	19.3	19.2	19.2	19.3	0	19.9
	64QAM	1	0	18.0	17.9	17.9	0	19.3	19.0	19.0	18.9	0	19.9
		1	49	18.1	18.1	18.1	0	19.3	19.1	19.2	19.0	0	19.9
		1	99	18.0	18.0	18.1	0	19.3	19.0	19.0	19.0	0	19.9
		50	0	17.9	17.9	18.0	0	19.3	18.9	18.9	18.9	0	19.9
		50	24	17.9	17.9	18.0	0	19.3	19.0	19.0	19.0	0	19.9
		50	50	17.9	17.9	18.1	0	19.3	18.9	18.9	19.0	0	19.9
		100	0	17.9	17.9	18.0	0	19.3	18.9	18.9	19.0	0	19.9
	256QAM	1	0	18.0	18.1	17.9	0.6	18.7	18.3	18.4	18.5	1.2	18.7
		1	49	18.0	18.1	18.0	0.6	18.7	18.3	18.5	18.5	1.2	18.7
		1	99	18.1	18.1	18.0	0.6	18.7	18.3	18.5	18.5	1.2	18.7
		50	0	17.9	17.9	17.9	0.6	18.7	18.3	18.3	18.3	1.2	18.7
		50	24	18.0	17.9	18.0	0.6	18.7	18.4	18.3	18.4	1.2	18.7
		50	50	17.9	17.9	18.0	0.6	18.7	18.3	18.3	18.4	1.2	18.7
		100	0	17.9	17.9	18.0	0.6	18.7	18.3	18.3	18.4	1.2	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	18.2	18.1	18.2	0	19.3	19.2	19.1	19.2	0	19.9
		1	37	18.2	18.2	18.2	0	19.3	19.2	19.2	19.2	0	19.9
		1	74	18.1	18.1	18.2	0	19.3	19.1	19.1	19.2	0	19.9
		36	0	18.3	18.2	18.3	0	19.3	19.3	19.2	19.3	0	19.9
		36	20	18.3	18.2	18.0	0	19.3	19.2	19.2	19.3	0	19.9
		36	39	18.3	18.3	18.2	0	19.3	19.2	19.2	19.2	0	19.9
		75	0	18.3	18.3	18.1	0	19.3	19.3	19.3	19.2	0	19.9
	16QAM	1	0	18.2	18.1	18.1	0	19.3	19.1	19.2	19.2	0	19.9
		1	37	18.2	18.2	18.1	0	19.3	19.1	19.0	19.2	0	19.9
		1	74	18.2	18.1	18.0	0	19.3	19.1	19.0	19.1	0	19.9
		36	0	18.3	18.3	18.3	0	19.3	19.3	19.2	19.3	0	19.9
		36	20	18.3	18.2	18.2	0	19.3	19.3	19.2	19.0	0	19.9
		36	39	18.3	18.2	18.1	0	19.3	19.3	19.2	19.1	0	19.9
		75	0	18.3	18.3	18.2	0	19.3	19.3	19.2	19.2	0	19.9
	64QAM	1	0	18.0	17.9	18.0	0	19.3	18.9	19.0	18.9	0	19.9
		1	37	18.0	18.0	18.1	0	19.3	19.0	19.0	18.9	0	19.9
		1	74	18.0	17.9	18.1	0	19.3	18.9	19.0	18.9	0	19.9
		36	0	17.9	17.9	18.0	0	19.3	18.9	18.9	18.9	0	19.9
		36	20	17.9	17.9	18.0	0	19.3	18.9	18.9	19.0	0	19.9
		36	39	17.9	17.9	18.0	0	19.3	18.9	18.8	19.0	0	19.9
		75	0	17.9	17.9	18.0	0	19.3	18.9	18.9	19.0	0	19.9
	256QAM	1	0	17.8	18.0	18.0	0.6	18.7	18.3	18.4	18.3	1.2	18.7
		1	37	17.9	18.1	18.1	0.6	18.7	18.4	18.4	18.3	1.2	18.7
		1	74	17.9	18.0	18.0	0.6	18.7	18.3	18.5	18.3	1.2	18.7
		36	0	17.9	17.9	18.0	0.6	18.7	18.3	18.3	18.3	1.2	18.7
		36	20	17.9	17.9	18.0	0.6	18.7	18.3	18.3	18.4	1.2	18.7
		36	39	17.9	17.9	18.1	0.6	18.7	18.3	18.3	18.4	1.2	18.7
		75	0	17.9	17.9	18.0	0.6	18.7	18.3	18.3	18.4	1.2	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	18.3	18.1	18.3	0	19.3	19.3	19.2	19.3	0	19.9
		1	25	18.3	18.2	18.3	0	19.3	19.3	19.2	19.2	0	19.9
		1	49	18.3	18.1	18.3	0	19.3	19.3	19.2	19.1	0	19.9
		25	0	18.3	18.3	18.2	0	19.3	19.3	19.3	19.3	0	19.9
		25	12	18.3	18.3	18.1	0	19.3	19.1	19.3	19.0	0	19.9
		25	25	18.3	18.3	18.0	0	19.3	19.3	19.3	19.2	0	19.9
	16QAM	50	0	18.2	18.2	18.2	0	19.3	19.3	19.3	19.3	0	19.9
		1	0	18.1	18.2	18.2	0	19.3	19.0	19.1	19.3	0	19.9
		1	25	18.1	18.1	18.3	0	19.3	19.1	19.1	19.2	0	19.9
		1	49	18.2	18.2	18.1	0	19.3	19.1	19.2	19.3	0	19.9
		25	0	18.3	18.3	18.0	0	19.3	19.0	19.3	19.2	0	19.9
		25	12	18.3	18.3	18.3	0	19.3	19.0	19.3	19.0	0	19.9
	64QAM	25	25	18.3	18.3	18.1	0	19.3	19.2	19.3	19.1	0	19.9
		50	0	18.3	18.3	18.3	0	19.3	19.3	19.3	19.2	0	19.9
		1	0	18.3	18.1	18.2	0	19.3	19.0	19.1	19.2	0	19.9
		1	25	18.3	18.2	18.3	0	19.3	19.1	19.1	19.3	0	19.9
		1	49	18.3	18.1	18.2	0	19.3	19.1	19.1	19.3	0	19.9
		25	0	18.1	18.0	18.1	0	19.3	19.1	19.0	19.1	0	19.9
	256QAM	25	12	18.1	18.1	18.2	0	19.3	19.0	19.0	19.1	0	19.9
		25	25	18.1	18.0	18.2	0	19.3	19.0	19.0	19.1	0	19.9
		50	0	18.0	18.0	18.1	0	19.3	19.0	19.0	19.1	0	19.9
		1	0	18.1	18.1	18.2	0.6	18.7	18.5	18.5	18.5	1.2	18.7
		1	25	18.2	18.2	18.3	0.6	18.7	18.6	18.6	18.6	1.2	18.7
		1	49	18.2	18.1	18.2	0.6	18.7	18.5	18.5	18.6	1.2	18.7
		25	0	18.0	18.0	18.1	0.6	18.7	18.4	18.4	18.5	1.2	18.7
		25	12	18.0	18.1	18.2	0.6	18.7	18.4	18.4	18.5	1.2	18.7
		25	25	18.0	18.0	18.2	0.6	18.7	18.4	18.4	18.5	1.2	18.7
		50	0	18.0	18.0	18.1	0.6	18.7	18.4	18.4	18.5	1.2	18.7
5	QPSK	1	0	18.2	18.2	18.3	0	19.3	19.2	19.1	19.0	0	19.9
		1	12	18.3	18.2	18.3	0	19.3	19.1	19.2	19.1	0	19.9
		1	24	18.2	18.1	18.3	0	19.3	19.2	19.2	19.1	0	19.9
		12	0	18.3	18.2	18.2	0	19.3	19.1	19.1	19.1	0	19.9
		12	7	18.3	18.2	18.2	0	19.3	19.1	19.1	19.1	0	19.9
		12	13	18.3	18.2	18.2	0	19.3	19.1	19.1	19.1	0	19.9
		25	0	18.3	18.2	18.3	0	19.3	19.2	19.2	19.1	0	19.9
	16QAM	1	0	18.2	18.2	18.1	0	19.3	19.2	19.3	19.0	0	19.9
		1	12	18.0	18.1	18.0	0	19.3	19.2	19.2	19.2	0	19.9
		1	24	18.2	18.2	18.1	0	19.3	19.0	19.3	19.0	0	19.9
		12	0	18.3	18.3	18.1	0	19.3	19.2	19.2	19.1	0	19.9
		12	7	18.1	18.3	18.1	0	19.3	19.2	19.2	19.2	0	19.9
		12	13	18.3	18.3	18.0	0	19.3	19.2	19.2	19.2	0	19.9
	64QAM	25	0	18.3	18.2	18.3	0	19.3	19.2	19.2	19.1	0	19.9
		1	0	18.3	18.2	18.3	0	19.3	19.1	19.2	19.3	0	19.9
		1	12	18.3	18.3	18.3	0	19.3	19.2	19.3	19.3	0	19.9
		1	24	18.3	18.3	18.3	0	19.3	19.2	19.2	19.2	0	19.9
		12	0	18.1	18.0	18.1	0	19.3	19.0	18.9	19.1	0	19.9
		12	7	18.1	18.1	18.1	0	19.3	19.0	19.0	19.2	0	19.9
	256QAM	12	13	18.1	18.1	18.1	0	19.3	19.0	19.0	19.1	0	19.9
		25	0	18.1	18.0	18.1	0	19.3	19.0	19.0	19.1	0	19.9
		1	0	18.1	18.1	18.1	0.6	18.7	18.5	18.4	18.5	1.2	18.7
		1	12	18.2	18.2	18.3	0.6	18.7	18.7	18.5	18.6	1.2	18.7
		1	24	18.2	18.2	18.2	0.6	18.7	18.6	18.5	18.6	1.2	18.7
		12	0	18.1	18.0	18.1	0.6	18.7	18.4	18.4	18.5	1.2	18.7
		12	7	18.1	18.1	18.2	0.6	18.7	18.4	18.4	18.5	1.2	18.7
		12	13	18.1	18.1	18.2	0.6	18.7	18.4	18.4	18.5	1.2	18.7
		25	0	18.1	18.0	18.1	0.6	18.7	18.4	18.3	18.5	1.2	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	21.4	21.4	21.6	0	21.8	20.7	20.7	20.8	0	21.0
		1	49	21.6	21.4	21.7	0	21.8	20.7	20.7	20.8	0	21.0
		1	99	21.6	21.4	21.7	0	21.8	20.7	20.7	20.8	0	21.0
		50	0	21.6	21.5	21.7	0	21.8	20.8	20.8	20.9	0	21.0
		50	24	21.6	21.6	21.8	0	21.8	20.8	20.8	20.9	0	21.0
		50	50	21.6	21.6	21.8	0	21.8	20.8	20.8	20.9	0	21.0
		100	0	21.6	21.6	21.6	0	21.8	20.6	20.8	20.8	0	21.0
	16QAM	1	0	21.7	21.7	21.8	0	21.8	20.9	21.0	20.9	0	21.0
		1	49	21.8	21.8	21.8	0	21.8	21.0	21.0	21.0	0	21.0
		1	99	21.8	21.7	21.8	0	21.8	21.0	21.0	21.0	0	21.0
		50	0	21.7	21.5	21.7	0	21.8	20.9	21.0	20.9	0	21.0
		50	24	21.6	21.6	21.8	0	21.8	21.0	21.0	21.0	0	21.0
		50	50	21.7	21.6	21.8	0	21.8	20.9	21.0	20.9	0	21.0
		100	0	21.6	21.6	21.7	0	21.8	21.0	20.9	21.0	0	21.0
	64QAM	1	0	21.6	21.7	21.7	0	21.8	20.9	21.0	20.9	0	21.0
		1	49	21.8	21.6	21.8	0	21.8	21.0	20.9	20.9	0	21.0
		1	99	21.8	21.7	21.8	0	21.8	20.9	20.9	20.9	0	21.0
		50	0	21.6	21.5	21.7	0	21.8	20.9	21.0	20.9	0	21.0
		50	24	21.6	21.6	21.8	0	21.8	20.9	20.9	20.9	0	21.0
		50	50	21.7	21.6	21.8	0	21.8	21.0	21.0	20.9	0	21.0
		100	0	21.6	21.6	21.8	0	21.8	20.9	20.9	20.9	0	21.0
	256QAM	1	0	19.8	19.9	20.0	1.8	20.0	20.0	20.0	19.9	1	20.0
		1	49	19.9	19.8	20.0	1.8	20.0	19.9	20.0	20.0	1	20.0
		1	99	20.0	20.0	20.0	1.8	20.0	19.9	19.9	19.9	1	20.0
		50	0	19.8	19.7	19.9	1.8	20.0	20.0	19.9	19.9	1	20.0
		50	24	19.8	19.8	20.0	1.8	20.0	19.9	20.0	20.0	1	20.0
		50	50	19.9	19.8	20.0	1.8	20.0	19.9	19.9	20.0	1	20.0
		100	0	19.8	19.8	19.9	1.8	20.0	20.0	20.0	20.0	1	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	21.4	21.3	21.6	0	21.8	20.8	20.8	21.0	0	21.0
		1	37	21.6	21.4	21.7	0	21.8	21.0	20.9	21.0	0	21.0
		1	74	21.5	21.4	21.6	0	21.8	21.0	20.9	21.0	0	21.0
		36	0	21.7	21.5	21.7	0	21.8	21.0	21.0	21.0	0	21.0
		36	20	21.7	21.5	21.8	0	21.8	21.0	21.0	21.0	0	21.0
		36	39	21.6	21.6	21.8	0	21.8	21.0	21.0	21.0	0	21.0
		75	0	21.7	21.6	21.8	0	21.8	21.0	21.0	21.0	0	21.0
	16QAM	1	0	21.8	21.8	21.8	0	21.8	20.9	20.9	20.9	0	21.0
		1	37	21.8	21.8	21.8	0	21.8	20.9	21.0	21.0	0	21.0
		1	74	21.8	21.8	21.8	0	21.8	21.0	21.0	20.9	0	21.0
		36	0	21.6	21.5	21.7	0	21.8	20.9	21.0	20.9	0	21.0
		36	20	21.7	21.6	21.7	0	21.8	20.9	20.9	20.9	0	21.0
		36	39	21.7	21.6	21.8	0	21.8	21.0	21.0	21.0	0	21.0
		75	0	21.7	21.6	21.8	0	21.8	20.9	20.9	21.0	0	21.0
	64QAM	1	0	21.6	21.6	21.8	0	21.8	21.0	21.0	21.0	0	21.0
		1	37	21.7	21.7	21.8	0	21.8	21.0	20.9	20.9	0	21.0
		1	74	21.7	21.7	21.8	0	21.8	21.0	20.9	20.9	0	21.0
		36	0	21.6	21.5	21.7	0	21.8	20.9	20.9	20.9	0	21.0
		36	20	21.7	21.5	21.8	0	21.8	20.9	20.9	20.9	0	21.0
		36	39	21.7	21.6	21.8	0	21.8	21.0	21.0	20.9	0	21.0
		75	0	21.7	21.6	21.8	0	21.8	21.0	20.9	20.9	0	21.0
	256QAM	1	0	19.8	19.8	20.0	1.8	20.0	20.0	19.9	19.9	1	20.0
		1	37	20.0	19.8	20.0	1.8	20.0	20.0	19.9	20.0	1	20.0
		1	74	20.0	20.0	20.0	1.8	20.0	20.0	19.9	19.9	1	20.0
		36	0	19.8	19.7	19.9	1.8	20.0	19.9	19.9	19.9	1	20.0
		36	20	19.9	19.7	19.9	1.8	20.0	20.0	20.0	20.0	1	20.0
		36	39	19.9	19.8	20.0	1.8	20.0	20.0	20.0	20.0	1	20.0
		75	0	19.8	19.8	20.0	1.8	20.0	20.0	20.0	19.9	1	20.0

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	21.6	21.6	21.8	0	21.8	21.0	20.9	21.0	0	21.0
		1	25	21.8	21.6	21.8	0	21.8	21.0	20.9	21.0	0	21.0
		1	49	21.7	21.7	21.8	0	21.8	20.9	20.9	20.9	0	21.0
		25	0	21.8	21.7	21.8	0	21.8	21.0	21.0	20.9	0	21.0
		25	12	21.8	21.7	21.8	0	21.8	21.0	20.9	20.9	0	21.0
		25	25	21.8	21.7	21.8	0	21.8	20.9	20.9	20.9	0	21.0
	16QAM	50	0	21.7	21.7	21.8	0	21.8	21.0	20.9	21.0	0	21.0
		1	0	21.8	21.8	21.8	0	21.8	21.0	20.9	20.9	0	21.0
		1	25	21.8	21.8	21.8	0	21.8	20.9	20.9	21.0	0	21.0
		1	49	21.8	21.8	21.8	0	21.8	20.9	20.9	21.0	0	21.0
		25	0	21.8	21.7	21.8	0	21.8	21.0	20.9	20.9	0	21.0
		25	12	21.8	21.7	21.8	0	21.8	20.9	20.9	20.9	0	21.0
	64QAM	25	25	21.8	21.8	21.8	0	21.8	20.9	20.9	21.0	0	21.0
		50	0	21.7	21.7	21.8	0	21.8	21.0	21.0	20.9	0	21.0
		1	0	21.8	21.8	21.8	0	21.8	20.9	21.0	21.0	0	21.0
		1	25	21.8	21.8	21.8	0	21.8	20.9	20.9	21.0	0	21.0
		1	49	21.8	21.8	21.8	0	21.8	21.0	20.9	20.9	0	21.0
		25	0	21.8	21.7	21.8	0	21.8	20.9	20.9	20.9	0	21.0
	256QAM	25	12	21.8	21.7	21.8	0	21.8	21.0	20.9	20.9	0	21.0
		25	25	21.8	21.7	21.8	0	21.8	20.9	21.0	20.9	0	21.0
		50	0	21.8	21.7	21.8	0	21.8	20.9	20.9	20.9	0	21.0
		1	0	20.0	20.0	20.0	1.8	20.0	19.9	19.9	19.9	1	20.0
		1	25	20.0	20.0	20.0	1.8	20.0	19.9	19.9	19.9	1	20.0
		1	49	20.0	20.0	20.0	1.8	20.0	19.9	19.9	19.9	1	20.0
		25	0	19.9	19.9	20.0	1.8	20.0	20.0	19.9	20.0	1	20.0
		25	12	19.9	19.9	20.0	1.8	20.0	20.0	19.9	19.9	1	20.0
		25	25	20.0	19.9	20.0	1.8	20.0	19.9	20.0	20.0	1	20.0
		50	0	19.9	19.9	20.0	1.8	20.0	20.0	19.9	19.9	1	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	21.6	21.6	21.8	0	21.8	20.9	20.9	20.9	0	21.0
		1	12	21.8	21.7	21.8	0	21.8	20.9	20.9	20.9	0	21.0
		1	24	21.8	21.7	21.8	0	21.8	20.9	20.9	21.0	0	21.0
		12	0	21.7	21.7	21.8	0	21.8	21.0	21.0	20.9	0	21.0
		12	7	21.8	21.7	21.8	0	21.8	20.9	20.9	20.9	0	21.0
		12	13	21.8	21.7	21.8	0	21.8	20.9	20.9	20.9	0	21.0
	16QAM	25	0	21.7	21.7	21.8	0	21.8	21.0	20.9	20.9	0	21.0
		1	0	21.8	21.8	21.8	0	21.8	21.0	20.9	20.9	0	21.0
		1	12	21.8	21.8	21.8	0	21.8	20.9	20.9	21.0	0	21.0
		1	24	21.8	21.8	21.8	0	21.8	20.9	21.0	21.0	0	21.0
		12	0	21.7	21.7	21.8	0	21.8	20.9	20.9	21.0	0	21.0
		12	7	21.8	21.8	21.8	0	21.8	21.0	21.0	21.0	0	21.0
	64QAM	12	13	21.8	21.7	21.8	0	21.8	20.9	20.9	20.9	0	21.0
		25	0	21.8	21.7	21.8	0	21.8	21.0	21.0	20.9	0	21.0
		1	0	21.8	21.8	21.8	0	21.8	20.9	20.9	20.9	0	21.0
		1	12	21.8	21.8	21.8	0	21.8	20.9	21.0	20.9	0	21.0
		1	24	21.8	21.8	21.8	0	21.8	20.9	20.9	20.9	0	21.0
		12	0	21.8	21.7	21.8	0	21.8	21.0	21.0	20.9	0	21.0
	256QAM	12	7	21.8	21.7	21.8	0	21.8	21.0	20.9	21.0	0	21.0
		12	13	21.8	21.7	21.8	0	21.8	21.0	21.0	21.0	0	21.0
		25	0	21.8	21.7	21.8	0	21.8	21.0	21.0	20.9	0	21.0
		1	0	19.9	20.0	20.0	1.8	20.0	19.9	19.9	20.0	1	20.0
		1	12	20.0	20.0	20.0	1.8	20.0	19.9	19.9	19.9	1	20.0
		1	24	20.0	20.0	20.0	1.8	20.0	19.9	19.9	19.9	1	20.0
		12	0	19.9	19.9	20.0	1.8	20.0	19.9	19.9	19.9	1	20.0
		12	7	20.0	19.9	20.0	1.8	20.0	19.9	19.9	19.9	1	20.0
		12	13	20.0	19.9	20.0	1.8	20.0	19.9	19.9	19.9	1	20.0
		25	0	20.0	19.9	20.0	1.8	20.0	19.9	19.9	20.0	1	20.0

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	19.5	19.5	19.7	0	20.0	20.0	20.1	20.2	0	20.4
		1	49	19.6	19.5	19.8	0	20.0	20.2	20.1	20.3	0	20.4
		1	99	19.5	19.5	19.7	0	20.0	20.1	20.1	20.3	0	20.4
		50	0	19.7	19.7	19.7	0	20.0	20.3	20.2	20.3	0	20.4
		50	24	19.8	19.7	19.8	0	20.0	20.3	20.2	20.4	0	20.4
		50	50	19.7	19.7	19.8	0	20.0	20.3	20.2	20.4	0	20.4
		100	0	19.7	19.7	19.7	0	20.0	20.2	20.2	20.2	0	20.4
	16QAM	1	0	19.7	20.0	19.9	0	20.0	20.3	20.4	20.4	0	20.4
		1	49	19.9	20.0	20.0	0	20.0	20.4	20.4	20.4	0	20.4
		1	99	19.8	19.9	20.0	0	20.0	20.3	20.4	20.4	0	20.4
		50	0	19.8	19.7	19.7	0	20.0	20.2	20.1	20.2	0	20.4
		50	24	19.8	19.7	19.8	0	20.0	20.3	20.1	20.3	0	20.4
		50	50	19.7	19.7	19.8	0	20.0	20.2	20.1	20.3	0	20.4
		100	0	19.7	19.7	19.8	0	20.0	20.2	20.1	20.3	0	20.4
	64QAM	1	0	19.1	19.4	19.6	0	20.0	19.7	20.4	20.3	0	20.4
		1	49	19.5	19.5	19.7	0	20.0	20.1	20.4	20.4	0	20.4
		1	99	19.5	19.7	19.6	0	20.0	20.2	20.4	20.3	0	20.4
		50	0	18.7	18.8	18.9	0.3	19.7	18.9	19.3	19.3	0.7	19.7
		50	24	18.8	18.9	18.9	0.3	19.7	19.0	19.3	19.3	0.7	19.7
		50	50	18.8	18.8	18.8	0.3	19.7	19.0	19.3	19.2	0.7	19.7
		100	0	18.7	18.9	18.9	0.3	19.7	19.0	19.2	19.3	0.7	19.7
	256QAM	1	0	16.7	16.9	16.8	2.3	17.7	16.9	17.3	17.4	2.7	17.7
		1	49	16.8	17.0	16.9	2.3	17.7	17.2	17.4	17.5	2.7	17.7
		1	99	17.0	17.1	16.9	2.3	17.7	17.3	17.5	17.3	2.7	17.7
		50	0	16.7	16.8	16.9	2.3	17.7	16.9	17.3	17.3	2.7	17.7
		50	24	16.8	16.9	16.9	2.3	17.7	17.0	17.3	17.3	2.7	17.7
		50	50	16.8	16.9	16.9	2.3	17.7	17.1	17.3	17.2	2.7	17.7
		100	0	16.7	16.9	16.9	2.3	17.7	17.0	17.3	17.3	2.7	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	19.5	19.6	19.6	0	20.0	20.0	20.1	20.2	0	20.4
		1	37	19.6	19.6	19.7	0	20.0	20.2	20.1	20.2	0	20.4
		1	74	19.6	19.5	19.7	0	20.0	20.1	20.1	20.2	0	20.4
		36	0	19.7	19.7	19.8	0	20.0	20.3	20.2	20.4	0	20.4
		36	20	19.8	19.7	19.8	0	20.0	20.3	20.2	20.4	0	20.4
		36	39	19.7	19.7	19.8	0	20.0	20.3	20.2	20.4	0	20.4
		75	0	19.7	19.7	19.9	0	20.0	20.3	20.2	20.4	0	20.4
	16QAM	1	0	19.9	20.0	19.9	0	20.0	20.4	20.4	20.4	0	20.4
		1	37	20.0	20.0	20.0	0	20.0	20.4	20.4	20.4	0	20.4
		1	74	20.0	20.0	20.0	0	20.0	20.4	20.4	20.4	0	20.4
		36	0	19.7	19.6	19.8	0	20.0	20.2	20.1	20.3	0	20.4
		36	20	19.8	19.6	19.8	0	20.0	20.3	20.1	20.3	0	20.4
		36	39	19.7	19.6	19.8	0	20.0	20.2	20.1	20.3	0	20.4
		75	0	19.7	19.7	19.8	0	20.0	20.2	20.1	20.3	0	20.4
	64QAM	1	0	19.1	19.5	19.5	0	20.0	19.9	20.2	20.3	0	20.4
		1	37	19.4	19.6	19.6	0	20.0	20.1	20.3	20.3	0	20.4
		1	74	19.3	19.6	19.5	0	20.0	20.2	20.3	20.3	0	20.4
		36	0	18.6	18.8	18.8	0.3	19.7	18.9	19.3	19.2	0.7	19.7
		36	20	18.7	18.9	18.9	0.3	19.7	19.0	19.2	19.2	0.7	19.7
		36	39	18.7	18.8	18.9	0.3	19.7	19.0	19.3	19.2	0.7	19.7
		75	0	18.7	18.9	18.9	0.3	19.7	19.0	19.2	19.2	0.7	19.7
	256QAM	1	0	16.6	16.9	16.9	2.3	17.7	16.8	17.3	17.4	2.7	17.7
		1	37	16.7	17.0	16.9	2.3	17.7	17.1	17.4	17.3	2.7	17.7
		1	74	16.8	17.0	16.9	2.3	17.7	17.3	17.4	17.3	2.7	17.7
		36	0	16.7	16.9	16.9	2.3	17.7	16.9	17.3	17.3	2.7	17.7
		36	20	16.7	16.9	16.9	2.3	17.7	17.0	17.3	17.3	2.7	17.7
		36	39	16.8	16.8	16.9	2.3	17.7	17.1	17.3	17.2	2.7	17.7
		75	0	16.7	16.9	16.9	2.3	17.7	17.0	17.3	17.3	2.7	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	19.6	19.7	19.8	0	20.0	20.1	20.1	20.3	0	20.4
		1	25	19.8	19.7	19.8	0	20.0	20.0	20.1	20.2	0	20.4
		1	49	19.8	19.7	19.8	0	20.0	20.0	20.0	20.2	0	20.4
		25	0	19.8	19.7	19.8	0	20.0	20.1	20.1	20.3	0	20.4
		25	12	19.8	19.7	19.8	0	20.0	20.1	20.1	20.3	0	20.4
		25	25	19.8	19.7	19.9	0	20.0	20.1	20.1	20.3	0	20.4
	16QAM	50	0	19.7	19.7	19.8	0	20.0	20.1	20.1	20.3	0	20.4
		1	0	19.9	20.0	20.0	0	20.0	20.3	20.3	20.4	0	20.4
		1	25	20.0	20.0	20.0	0	20.0	20.3	20.3	20.4	0	20.4
		1	49	20.0	20.0	20.0	0	20.0	20.3	20.4	20.4	0	20.4
		25	0	19.8	19.7	19.8	0	20.0	20.1	20.1	20.2	0	20.4
		25	12	19.8	19.8	19.8	0	20.0	20.0	20.1	20.2	0	20.4
	64QAM	25	25	19.8	19.8	19.9	0	20.0	20.1	20.1	20.2	0	20.4
		50	0	19.8	19.7	19.8	0	20.0	20.0	20.0	20.2	0	20.4
		1	0	19.5	19.6	19.7	0	20.0	20.0	20.4	20.4	0	20.4
		1	25	19.6	19.7	19.7	0	20.0	20.2	20.4	20.4	0	20.4
		1	49	19.6	19.7	19.6	0	20.0	20.3	20.4	20.4	0	20.4
		25	0	18.8	19.0	19.0	0.3	19.7	19.0	19.4	19.4	0.7	19.7
	256QAM	25	12	18.8	19.0	19.0	0.3	19.7	19.0	19.5	19.4	0.7	19.7
		25	25	18.9	18.9	19.0	0.3	19.7	19.1	19.4	19.3	0.7	19.7
		50	0	18.8	19.0	19.0	0.3	19.7	19.0	19.3	19.4	0.7	19.7
		1	0	16.8	17.0	17.0	2.3	17.7	17.0	17.5	17.5	2.7	17.7
		1	25	17.1	17.1	17.1	2.3	17.7	17.2	17.6	17.5	2.7	17.7
		1	49	17.0	17.0	16.9	2.3	17.7	17.3	17.5	17.4	2.7	17.7
		25	0	16.8	16.9	17.0	2.3	17.7	17.0	17.4	17.3	2.7	17.7
		25	12	16.8	17.0	17.0	2.3	17.7	17.0	17.5	17.4	2.7	17.7
		25	25	16.8	16.9	17.0	2.3	17.7	17.1	17.4	17.3	2.7	17.7
		50	0	16.7	17.0	17.0	2.3	17.7	17.0	17.3	17.4	2.7	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	19.6	19.6	19.8	0	20.0	20.1	20.1	20.3	0	20.4
		1	12	19.7	19.7	19.9	0	20.0	20.2	20.2	20.4	0	20.4
		1	24	19.7	19.7	19.8	0	20.0	20.2	20.2	20.3	0	20.4
		12	0	19.7	19.7	19.9	0	20.0	20.2	20.2	20.4	0	20.4
		12	7	19.7	19.7	19.9	0	20.0	20.3	20.3	20.4	0	20.4
		12	13	19.8	19.7	19.9	0	20.0	20.3	20.2	20.4	0	20.4
	16QAM	25	0	19.7	19.7	19.9	0	20.0	20.3	20.2	20.4	0	20.4
		1	0	20.0	20.0	20.0	0	20.0	20.4	20.4	20.4	0	20.4
		1	12	20.0	20.0	20.0	0	20.0	20.4	20.4	20.4	0	20.4
		1	24	20.0	20.0	20.0	0	20.0	20.4	20.4	20.4	0	20.4
		12	0	19.8	19.8	20.0	0	20.0	20.1	20.2	20.3	0	20.4
		12	7	19.9	19.9	20.0	0	20.0	20.1	20.2	20.4	0	20.4
	64QAM	12	13	19.9	19.8	20.0	0	20.0	20.1	20.2	20.4	0	20.4
		25	0	19.8	19.7	19.9	0	20.0	20.2	20.1	20.3	0	20.4
		1	0	19.4	19.6	19.8	0	20.0	20.0	20.4	20.4	0	20.4
		1	12	19.5	19.7	19.9	0	20.0	20.2	20.4	20.4	0	20.4
		1	24	19.5	19.7	19.7	0	20.0	20.2	20.4	20.4	0	20.4
		12	0	18.7	18.9	19.0	0.3	19.7	18.9	19.4	19.4	0.7	19.7
	256QAM	12	7	18.8	19.0	19.0	0.3	19.7	19.0	19.4	19.4	0.7	19.7
		12	13	18.8	19.0	19.0	0.3	19.7	19.0	19.4	19.4	0.7	19.7
		25	0	18.8	19.0	19.0	0.3	19.7	19.0	19.3	19.4	0.7	19.7
		1	0	16.7	17.2	17.1	2.3	17.7	16.9	17.5	17.5	2.7	17.7
		1	12	16.9	17.2	17.1	2.3	17.7	17.1	17.6	17.6	2.7	17.7
		1	24	16.9	17.1	17.0	2.3	17.7	17.1	17.5	17.4	2.7	17.7
		12	0	16.7	17.0	17.0	2.3	17.7	16.9	17.4	17.4	2.7	17.7
		12	7	16.8	17.0	17.0	2.3	17.7	17.0	17.4	17.4	2.7	17.7
		12	13	16.8	17.0	17.0	2.3	17.7	17.0	17.4	17.4	2.7	17.7
		25	0	16.8	17.0	17.0	2.3	17.7	17.0	17.4	17.4	2.7	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		25.4		0	25.7		25.4		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		24.4		1	24.7		24.4		1	24.7
	16QAM	1	0		24.7		1	24.7		24.7		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		23.4		2	23.7		23.4		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		23.4		2	23.7		23.4		2	23.7
	64QAM	1	0		23.4		2	23.7		23.4		2	23.7
		1	25		23.4		2	23.7		23.4		2	23.7
		1	49		23.4		2	23.7		23.4		2	23.7
		25	0		22.1		3	22.7		22.1		3	22.7
		25	12		22.2		3	22.7		22.2		3	22.7
		25	25		22.2		3	22.7		22.2		3	22.7
		50	0		22.2		3	22.7		22.2		3	22.7
	256QAM	1	0		20.3		5	20.7		20.3		5	20.7
		1	25		20.4		5	20.7		20.4		5	20.7
		1	49		20.4		5	20.7		20.4		5	20.7
		25	0		20.1		5	20.7		20.1		5	20.7
		25	12		20.2		5	20.7		20.2		5	20.7
		25	25		20.2		5	20.7		20.2		5	20.7
		50	0		20.2		5	20.7		20.2		5	20.7
BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				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	25.2	25.3	25.4	0	25.7	25.2	25.3	25.4	0	25.7
		1	12	25.3	25.4	25.5	0	25.7	25.3	25.4	25.5	0	25.7
		1	24	25.2	25.3	25.4	0	25.7	25.2	25.3	25.4	0	25.7
		12	0	24.3	24.3	24.4	1	24.7	24.3	24.3	24.4	1	24.7
		12	7	24.4	24.4	24.4	1	24.7	24.4	24.4	24.4	1	24.7
		12	13	24.3	24.3	24.5	1	24.7	24.3	24.3	24.5	1	24.7
	16QAM	25	0	24.3	24.3	24.5	1	24.7	24.3	24.3	24.5	1	24.7
		1	0	24.7	24.6	24.7	1	24.7	24.7	24.6	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	23.3	23.2	23.5	2	23.7	23.3	23.2	23.5	2	23.7
		12	7	23.4	23.4	23.5	2	23.7	23.4	23.4	23.5	2	23.7
	64QAM	12	13	23.4	23.3	23.6	2	23.7	23.4	23.3	23.6	2	23.7
		25	0	23.3	23.3	23.5	2	23.7	23.3	23.3	23.5	2	23.7
		1	0	23.4	23.2	23.3	2	23.7	23.4	23.2	23.3	2	23.7
		1	12	23.5	23.3	23.3	2	23.7	23.5	23.3	23.3	2	23.7
		1	24	23.4	23.2	23.3	2	23.7	23.4	23.2	23.3	2	23.7
		12	0	22.3	22.1	22.2	3	22.7	22.3	22.1	22.2	3	22.7
	256QAM	12	7	22.4	22.2	22.2	3	22.7	22.4	22.2	22.2	3	22.7
		12	13	22.3	22.2	22.2	3	22.7	22.3	22.2	22.2	3	22.7
		25	0	22.3	22.2	22.2	3	22.7	22.3	22.2	22.2	3	22.7
		1	0	20.3	20.2	20.3	5	20.7	20.3	20.2	20.3	5	20.7
		1	12	20.5	20.4	20.5	5	20.7	20.5	20.4	20.5	5	20.7
		1	24	20.4	20.2	20.4	5	20.7	20.4	20.2	20.4	5	20.7
		12	0	20.3	20.1	20.1	5	20.7	20.3	20.1	20.1	5	20.7
		12	7	20.3	20.2	20.2	5	20.7	20.3	20.2	20.2	5	20.7
		12	13	20.3	20.2	20.2	5	20.7	20.3	20.2	20.2	5	20.7
		25	0	20.3	20.2	20.2	5	20.7	20.3	20.2	20.2	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	25.2	25.2	25.4	0	25.7	25.2	25.2	25.4	0	25.7
		1	8	25.4	25.3	25.5	0	25.7	25.4	25.3	25.5	0	25.7
		1	14	25.2	25.2	25.4	0	25.7	25.2	25.2	25.4	0	25.7
		8	0	24.3	24.3	24.4	1	24.7	24.3	24.3	24.4	1	24.7
		8	4	24.4	24.4	24.5	1	24.7	24.4	24.4	24.5	1	24.7
		8	7	24.4	24.3	24.5	1	24.7	24.4	24.3	24.5	1	24.7
	16QAM	15	0	24.3	24.3	24.5	1	24.7	24.3	24.3	24.5	1	24.7
		1	0	24.6	24.6	24.7	1	24.7	24.6	24.6	24.7	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	24.6	24.7	1	24.7	24.6	24.6	24.7	1	24.7
		8	0	23.3	23.3	23.5	2	23.7	23.3	23.3	23.5	2	23.7
		8	4	23.4	23.4	23.5	2	23.7	23.4	23.4	23.5	2	23.7
	64QAM	8	7	23.4	23.4	23.6	2	23.7	23.4	23.4	23.6	2	23.7
		15	0	23.4	23.3	23.6	2	23.7	23.4	23.3	23.6	2	23.7
		1	0	23.4	23.2	23.2	2	23.7	23.4	23.2	23.2	2	23.7
		1	8	23.5	23.3	23.5	2	23.7	23.5	23.3	23.5	2	23.7
		1	14	23.4	23.3	23.2	2	23.7	23.4	23.3	23.2	2	23.7
		8	0	22.3	22.1	22.2	3	22.7	22.3	22.1	22.2	3	22.7
	256QAM	8	4	22.4	22.2	22.2	3	22.7	22.4	22.2	22.2	3	22.7
		8	7	22.4	22.2	22.3	3	22.7	22.4	22.2	22.3	3	22.7
		15	0	22.3	22.2	22.1	3	22.7	22.3	22.2	22.1	3	22.7
		1	0	20.4	20.2	20.2	5	20.7	20.4	20.2	20.2	5	20.7
		1	8	20.5	20.4	20.4	5	20.7	20.5	20.4	20.4	5	20.7
		1	14	20.3	20.3	20.3	5	20.7	20.3	20.3	20.3	5	20.7
1.4	QPSK	8	0	20.3	20.1	20.2	5	20.7	20.3	20.1	20.2	5	20.7
		8	4	20.4	20.2	20.2	5	20.7	20.4	20.2	20.2	5	20.7
		8	7	20.4	20.2	20.3	5	20.7	20.4	20.2	20.3	5	20.7
		15	0	20.3	20.2	20.2	5	20.7	20.3	20.2	20.2	5	20.7
	16QAM	1	0	25.3	25.2	25.5	0	25.7	25.3	25.2	25.5	0	25.7
		1	3	25.3	25.2	25.5	0	25.7	25.3	25.2	25.5	0	25.7
		1	5	25.3	25.3	25.4	0	25.7	25.3	25.3	25.4	0	25.7
		3	0	25.3	25.3	25.5	0	25.7	25.3	25.3	25.5	0	25.7
		3	1	25.3	25.3	25.5	0	25.7	25.3	25.3	25.5	0	25.7
		3	3	25.3	25.3	25.5	0	25.7	25.3	25.3	25.5	0	25.7
	64QAM	6	0	24.3	24.3	24.4	1	24.7	24.3	24.3	24.4	1	24.7
		1	0	24.7	24.5	24.7	1	24.7	24.7	24.5	24.7	1	24.7
		1	3	24.7	24.5	24.7	1	24.7	24.7	24.5	24.7	1	24.7
		1	5	24.7	24.5	24.7	1	24.7	24.7	24.5	24.7	1	24.7
		3	0	24.5	24.4	24.6	1	24.7	24.5	24.4	24.6	1	24.7
		3	1	24.5	24.4	24.6	1	24.7	24.5	24.4	24.6	1	24.7
	256QAM	3	3	24.5	24.4	24.7	1	24.7	24.5	24.4	24.7	1	24.7
		6	0	23.4	23.3	23.5	2	23.7	23.4	23.3	23.5	2	23.7
		1	0	23.2	23.5	23.5	2	23.7	23.2	23.5	23.5	2	23.7
		1	3	23.2	23.4	23.4	2	23.7	23.2	23.4	23.4	2	23.7
		1	5	23.1	23.5	23.5	2	23.7	23.1	23.5	23.5	2	23.7
		3	0	23.4	23.1	23.2	2	23.7	23.4	23.1	23.2	2	23.7
1.4	QPSK	3	1	23.4	23.1	23.3	2	23.7	23.4	23.1	23.3	2	23.7
		3	3	23.4	23.1	23.3	2	23.7	23.4	23.1	23.3	2	23.7
		3	3	23.4	23.1	23.3	2	23.7	23.4	23.1	23.3	2	23.7
		6	0	22.3	22.2	22.2	3	22.7	22.3	22.2	22.2	3	22.7
	16QAM	1	0	20.2	20.3	20.2	5	20.7	20.2	20.3	20.2	5	20.7
		1	3	20.3	20.3	20.2	5	20.7	20.3	20.3	20.2	5	20.7
		1	5	20.3	20.3	20.4	5	20.7	20.3	20.3	20.4	5	20.7
		3	0	20.3	20.2	20.2	5	20.7	20.3	20.2	20.2	5	20.7
		3	1	20.3	20.3	20.2	5	20.7	20.3	20.3	20.2	5	20.7
		3	3	20.3	20.3	20.2	5	20.7	20.3	20.3	20.2	5	20.7
	64QAM	6	0	20.5	20.3	20.2	5	20.7	20.5	20.3	20.2	5	20.7
		1	0	25.3	25.2	25.5	0	25.7	25.3	25.2	25.5	0	25.7
		1	3	25.3	25.2	25.5	0	25.7	25.3	25.2	25.5	0	25.7
		1	5	25.3	25.3	25.4	0	25.7	25.3	25.3	25.4	0	25.7
		3	0	25.3	25.3	25.5	0	25.7	25.3	25.3	25.5	0	25.7
		3	1	25.3	25.3	25.5	0	25.7	25.3	25.3	25.5	0	25.7
	256QAM	3	3	25.3	25.3	25.5	0	25.7	25.3	25.3	25.5	0	25.7
		6	0	24.3	24.3	24.4	1	24.7	24.3	24.3	24.4	1	24.7
		1	0	24.7	24.5	24.7	1	24.7	24.7	24.5	24.7	1	24.7
		1	3	24.7	24.5	24.7	1	24.7	24.7	24.5	24.7	1	24.7
		1	5	24.7	24.5	24.7	1	24.7	24.7	24.5	24.7	1	24.7
		3	0	24.5	24.4	24.6	1	24.7	24.5	24.4	24.6	1	24.7
	64QAM	3	1	24.5	24.4	24.6	1	24.7	24.5	24.4	24.6	1	24.7
		3	3	24.5	24.4	24.7	1	24.7	24.5	24.4	24.7	1	24.7
		6	0	23.4	23.3	23.5	2	23.7	23.4	23.3	23.5	2	23.7
		1	0	23.2	23.5	23.5	2	23.7	23.2	23.5	23.5	2	23.7
		1	3	23.2	23.4	23.4	2	23.7	23.2	23.4	23.4	2	23.7
		1	5	23.1	23.5	23.5	2	23.7	23.1	23.5	23.5	2	23.7
	256QAM	3	0	23.4	23.1	23.2	2	23.7	23.4	23.1	23.2	2	23.7
		3	1	23.4	23.1	23.3	2	23.7	23.4	23.1	23.3	2	23.7
		3	3	23.4	23.1	23.3	2	23.7	23.4	23.1	23.3	2	23.7
		6	0	22.3	22.2	22.2	3	22.7	22.3	22.2	22.2	3	22.7
		1	0	20.2	20.3	20.2	5	20.7	20.2	20.3	20.2	5	20.7
		1	3	20.3	20.3	20.2	5	20.7	20.3	20.3	20.2	5	20.7
	64QAM	1	5	20.3	20.3	20.4	5	20.7	20.3	20.3	20.4	5	20.7
		3	0	20.3	20.2	20.2	5	20.7	20.3	20.2	20.2	5	20.7
		3	1	20.3	20.3	20.2	5	20.7	20.3	20.3	20.2	5	20.7
		3	3	20.3	20.3	20.2	5	20.7	20.3	20.3	20.2	5	20.7
		6	0	20.5	20.3	20.2	5	20.7	20.5	20.3	20.2	5	20.7
		1	0	20.2	20.3	20.2	5	20.7	20.2	20.3	20.2	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		24.3		0	24.7		24.3		0	24.7
		1	25		24.3		0	24.7		24.3		0	24.7
		1	49		24.3		0	24.7		24.3		0	24.7
		25	0		23.2		1	23.7		23.2		1	23.7
		25	12		23.3		1	23.7		23.3		1	23.7
		25	25		23.3		1	23.7		23.3		1	23.7
		50	0		23.3		1	23.7		23.3		1	23.7
	16QAM	1	0		23.5		1	23.7		23.5		1	23.7
		1	25		23.5		1	23.7		23.5		1	23.7
		1	49		23.5		1	23.7		23.5		1	23.7
		25	0		22.3		2	22.7		22.3		2	22.7
		25	12		22.3		2	22.7		22.3		2	22.7
		25	25		22.3		2	22.7		22.3		2	22.7
		50	0		22.3		2	22.7		22.3		2	22.7
	64QAM	1	0		22.1		2	22.7		22.1		2	22.7
		1	25		22.1		2	22.7		22.1		2	22.7
		1	49		22.1		2	22.7		22.1		2	22.7
		25	0		21.0		3	21.7		21.0		3	21.7
		25	12		21.0		3	21.7		21.0		3	21.7
		25	25		21.0		3	21.7		21.0		3	21.7
		50	0		20.9		3	21.7		20.9		3	21.7
	256QAM	1	0		19.1		5	19.7		19.1		5	19.7
		1	25		19.1		5	19.7		19.1		5	19.7
		1	49		19.1		5	19.7		19.1		5	19.7
		25	0		19.0		5	19.7		19.0		5	19.7
		25	12		19.0		5	19.7		19.0		5	19.7
		25	25		19.0		5	19.7		19.0		5	19.7
		50	0		19.0		5	19.7		19.0		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	24.2	24.2	24.2	0	24.7	24.2	24.2	24.2	0	24.7
		1	12	24.3	24.3	24.3	0	24.7	24.3	24.3	24.3	0	24.7
		1	24	24.2	24.2	24.2	0	24.7	24.2	24.2	24.2	0	24.7
		12	0	23.2	23.2	23.2	1	23.7	23.2	23.2	23.2	1	23.7
		12	7	23.3	23.3	23.3	1	23.7	23.3	23.3	23.3	1	23.7
		12	13	23.3	23.3	23.3	1	23.7	23.3	23.3	23.3	1	23.7
	16QAM	25	0	23.3	23.2	23.3	1	23.7	23.3	23.2	23.3	1	23.7
		1	0	23.6	23.5	23.7	1	23.7	23.6	23.5	23.7	1	23.7
		1	12	23.7	23.6	23.7	1	23.7	23.7	23.6	23.7	1	23.7
		1	24	23.6	23.5	23.7	1	23.7	23.6	23.5	23.7	1	23.7
		12	0	22.2	22.2	22.3	2	22.7	22.2	22.2	22.3	2	22.7
		12	7	22.3	22.3	22.4	2	22.7	22.3	22.3	22.4	2	22.7
	64QAM	12	13	22.3	22.2	22.4	2	22.7	22.3	22.2	22.4	2	22.7
		25	0	22.3	22.3	22.4	2	22.7	22.3	22.3	22.4	2	22.7
		1	0	22.2	22.1	22.3	2	22.7	22.2	22.1	22.3	2	22.7
		1	12	22.4	22.2	22.4	2	22.7	22.4	22.2	22.4	2	22.7
		1	24	22.3	22.1	22.4	2	22.7	22.3	22.1	22.4	2	22.7
		12	0	21.1	20.9	21.0	3	21.7	21.1	20.9	21.0	3	21.7
	256QAM	12	7	21.1	21.0	21.1	3	21.7	21.1	21.0	21.1	3	21.7
		12	13	21.0	20.9	21.1	3	21.7	21.0	20.9	21.1	3	21.7
		25	0	21.0	20.9	21.1	3	21.7	21.0	20.9	21.1	3	21.7
		1	0	19.4	19.0	19.1	5	19.7	19.4	19.0	19.1	5	19.7
		1	12	19.4	19.1	19.2	5	19.7	19.4	19.1	19.2	5	19.7
		1	24	19.2	19.0	19.2	5	19.7	19.2	19.0	19.2	5	19.7
		12	0	19.2	19.0	19.0	5	19.7	19.2	19.0	19.0	5	19.7
		12	7	19.1	19.0	19.1	5	19.7	19.1	19.0	19.1	5	19.7
		12	13	19.1	19.0	19.1	5	19.7	19.1	19.0	19.1	5	19.7
		25	0	19.1	19.0	19.1	5	19.7	19.1	19.0	19.1	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	24.1	24.1	24.2	0	24.7	24.1	24.1	24.2	0	24.7
		1	8	24.2	24.2	24.3	0	24.7	24.2	24.2	24.3	0	24.7
		1	14	24.1	24.1	24.2	0	24.7	24.1	24.1	24.2	0	24.7
		8	0	23.2	23.1	23.2	1	23.7	23.2	23.1	23.2	1	23.7
		8	4	23.3	23.2	23.3	1	23.7	23.3	23.2	23.3	1	23.7
		8	7	23.2	23.2	23.4	1	23.7	23.2	23.2	23.4	1	23.7
	16QAM	15	0	23.2	23.2	23.3	1	23.7	23.2	23.2	23.3	1	23.7
		1	0	23.5	23.5	23.6	1	23.7	23.5	23.5	23.6	1	23.7
		1	8	23.5	23.6	23.7	1	23.7	23.5	23.6	23.7	1	23.7
		1	14	23.5	23.5	23.6	1	23.7	23.5	23.5	23.6	1	23.7
		8	0	22.3	22.3	22.3	2	22.7	22.3	22.3	22.3	2	22.7
		8	4	22.3	22.2	22.4	2	22.7	22.3	22.2	22.4	2	22.7
	64QAM	8	7	22.3	22.3	22.4	2	22.7	22.3	22.3	22.4	2	22.7
		15	0	22.2	22.3	22.4	2	22.7	22.2	22.3	22.4	2	22.7
		1	0	22.3	21.9	22.2	2	22.7	22.3	21.9	22.2	2	22.7
		1	8	22.2	21.9	22.3	2	22.7	22.2	21.9	22.3	2	22.7
		1	14	22.1	22.0	22.0	2	22.7	22.1	22.0	22.0	2	22.7
		8	0	21.1	21.0	21.0	3	21.7	21.1	21.0	21.0	3	21.7
	256QAM	8	4	21.2	21.0	21.0	3	21.7	21.2	21.0	21.0	3	21.7
		8	7	21.2	21.0	21.1	3	21.7	21.2	21.0	21.1	3	21.7
		15	0	21.1	20.9	21.1	3	21.7	21.1	20.9	21.1	3	21.7
		1	0	19.2	19.0	19.1	5	19.7	19.2	19.0	19.1	5	19.7
		1	8	19.3	19.1	19.3	5	19.7	19.3	19.1	19.3	5	19.7
		1	14	19.2	19.1	19.2	5	19.7	19.2	19.1	19.2	5	19.7
		8	0	19.2	19.0	19.0	5	19.7	19.2	19.0	19.0	5	19.7
		8	4	19.2	19.0	19.1	5	19.7	19.2	19.0	19.1	5	19.7
		8	7	19.2	19.0	19.1	5	19.7	19.2	19.0	19.1	5	19.7
		15	0	19.2	19.0	19.1	5	19.7	19.2	19.0	19.1	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	24.2	24.1	24.2	0	24.7	24.2	24.1	24.2	0	24.7
		1	3	24.2	24.2	24.3	0	24.7	24.2	24.2	24.3	0	24.7
		1	5	24.2	24.1	24.3	0	24.7	24.2	24.1	24.3	0	24.7
		3	0	24.2	24.2	24.3	0	24.7	24.2	24.2	24.3	0	24.7
		3	1	24.3	24.2	24.3	0	24.7	24.3	24.2	24.3	0	24.7
		3	3	24.2	24.2	24.3	0	24.7	24.2	24.2	24.3	0	24.7
	16QAM	6	0	23.2	23.2	23.3	1	23.7	23.2	23.2	23.3	1	23.7
		1	0	23.5	23.3	23.6	1	23.7	23.5	23.3	23.6	1	23.7
		1	3	23.6	23.4	23.6	1	23.7	23.6	23.4	23.6	1	23.7
		1	5	23.6	23.4	23.6	1	23.7	23.6	23.4	23.6	1	23.7
		3	0	23.4	23.3	23.4	1	23.7	23.4	23.3	23.4	1	23.7
		3	1	23.4	23.3	23.4	1	23.7	23.4	23.3	23.4	1	23.7
	64QAM	3	3	23.4	23.4	23.4	1	23.7	23.4	23.4	23.4	1	23.7
		6	0	22.3	22.3	22.3	2	22.7	22.3	22.3	22.3	2	22.7
		1	0	22.0	22.1	22.3	2	22.7	22.0	22.1	22.3	2	22.7
		1	3	22.2	22.2	22.3	2	22.7	22.2	22.2	22.3	2	22.7
		1	5	22.0	22.0	22.3	2	22.7	22.0	22.0	22.3	2	22.7
		3	0	22.2	21.8	22.2	2	22.7	22.2	21.8	22.2	2	22.7
	256QAM	3	1	22.2	21.8	22.2	2	22.7	22.2	21.8	22.2	2	22.7
		3	3	22.2	21.8	22.2	2	22.7	22.2	21.8	22.2	2	22.7
		6	0	21.1	20.9	21.0	3	21.7	21.1	20.9	21.0	3	21.7
		1	0	19.2	19.0	19.2	5	19.7	19.2	19.0	19.2	5	19.7
		1	3	19.3	19.1	19.3	5	19.7	19.3	19.1	19.3	5	19.7
		1	5	19.2	19.1	19.1	5	19.7	19.2	19.1	19.1	5	19.7
	256QAM	3	0	19.1	19.0	19.0	5	19.7	19.1	19.0	19.0	5	19.7
		3	1	19.1	19.0	19.0	5	19.7	19.1	19.0	19.0	5	19.7
		3	3	19.1	19.0	19.1	5	19.7	19.1	19.0	19.1	5	19.7
		6	0	18.9	19.0	19.0	5	19.7	18.9	19.0	19.0	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		24.8		0	25.4		24.8		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		23.8		1	24.4		23.8		1	24.4
		25	12		23.9		1	24.4		23.9		1	24.4
		25	25		23.9		1	24.4		23.9		1	24.4
		50	0		23.9		1	24.4		23.9		1	24.4
	16QAM	1	0		24.1		1	24.4		24.1		1	24.4
		1	25		24.1		1	24.4		24.1		1	24.4
		1	49		24.1		1	24.4		24.1		1	24.4
		25	0		22.8		2	23.4		22.8		2	23.4
		25	12		22.9		2	23.4		22.9		2	23.4
		25	25		22.9		2	23.4		22.9		2	23.4
		50	0		22.9		2	23.4		22.9		2	23.4
	64QAM	1	0		23.1		2	23.4		23.1		2	23.4
		1	25		23.1		2	23.4		23.1		2	23.4
		1	49		23.1		2	23.4		23.1		2	23.4
		25	0		21.8		3	22.4		21.8		3	22.4
		25	12		21.9		3	22.4		21.9		3	22.4
		25	25		21.9		3	22.4		21.9		3	22.4
		50	0		21.9		3	22.4		21.9		3	22.4
	256QAM	1	0		20.0		5	20.4		20.0		5	20.4
		1	25		20.0		5	20.4		20.0		5	20.4
		1	49		20.1		5	20.4		20.1		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	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	24.8	24.9	0	25.4	23.8	24.8	24.9	0	25.4
		1	12	24.9	24.9	25.0	0	25.4	24.9	24.9	25.0	0	25.4
		1	24	24.7	24.8	24.9	0	25.4	24.7	24.8	24.9	0	25.4
		12	0	23.8	23.8	23.9	1	24.4	23.8	23.8	23.9	1	24.4
		12	7	23.9	24.0	24.0	1	24.4	23.9	24.0	24.0	1	24.4
		12	13	23.9	23.9	24.0	1	24.4	23.9	23.9	24.0	1	24.4
	16QAM	25	0	23.8	23.9	24.0	1	24.4	23.8	23.9	24.0	1	24.4
		1	0	24.1	24.2	24.3	1	24.4	24.1	24.2	24.3	1	24.4
		1	12	24.2	24.3	24.4	1	24.4	24.2	24.3	24.4	1	24.4
		1	24	24.2	24.3	24.4	1	24.4	24.2	24.3	24.4	1	24.4
		12	0	22.7	22.9	22.9	2	23.4	22.7	22.9	22.9	2	23.4
		12	7	22.8	23.0	23.1	2	23.4	22.8	23.0	23.1	2	23.4
	64QAM	12	13	22.8	23.0	23.0	2	23.4	22.8	23.0	23.0	2	23.4
		25	0	22.9	22.9	23.0	2	23.4	22.9	22.9	23.0	2	23.4
		1	0	23.0	23.0	23.0	2	23.4	23.0	23.0	23.0	2	23.4
		1	12	23.1	23.0	23.1	2	23.4	23.1	23.0	23.1	2	23.4
		1	24	23.0	23.0	23.0	2	23.4	23.0	23.0	23.0	2	23.4
		12	0	21.9	21.9	21.9	3	22.4	21.9	21.9	21.9	3	22.4
	256QAM	12	7	22.0	22.0	22.0	3	22.4	22.0	22.0	22.0	3	22.4
		12	13	21.9	21.9	22.0	3	22.4	21.9	21.9	22.0	3	22.4
		25	0	21.9	21.9	22.0	3	22.4	21.9	21.9	22.0	3	22.4
		1	0	20.0	20.0	20.0	5	20.4	20.0	20.0	20.0	5	20.4
		1	12	20.2	20.2	20.1	5	20.4	20.2	20.2	20.1	5	20.4
		1	24	20.1	20.1	20.0	5	20.4	20.1	20.1	20.0	5	20.4
		12	0	19.9	19.9	19.9	5	20.4	19.9	19.9	19.9	5	20.4
		12	7	20.0	20.0	20.0	5	20.4	20.0	20.0	20.0	5	20.4

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	23.8	24.8	24.9	0	25.4	23.8	24.8	24.9	0	25.4
		1	8	24.9	24.9	25.0	0	25.4	24.9	24.9	25.0	0	25.4
		1	14	24.7	24.8	24.9	0	25.4	24.7	24.8	24.9	0	25.4
		8	0	23.8	23.9	23.9	1	24.4	23.8	23.9	23.9	1	24.4
		8	4	23.9	23.9	23.9	1	24.4	23.9	23.9	23.9	1	24.4
		8	7	23.9	24.0	24.0	1	24.4	23.9	24.0	24.0	1	24.4
	16QAM	15	0	23.9	23.9	23.9	1	24.4	23.9	23.9	23.9	1	24.4
		1	0	24.1	24.2	24.2	1	24.4	24.1	24.2	24.2	1	24.4
		1	8	24.3	24.3	24.3	1	24.4	24.3	24.3	24.3	1	24.4
		1	14	24.1	24.2	24.2	1	24.4	24.1	24.2	24.2	1	24.4
		8	0	22.8	22.9	23.0	2	23.4	22.8	22.9	23.0	2	23.4
		8	4	23.0	23.0	23.0	2	23.4	23.0	23.0	23.0	2	23.4
	64QAM	8	7	22.9	23.0	23.1	2	23.4	22.9	23.0	23.1	2	23.4
		15	0	22.9	22.9	23.0	2	23.4	22.9	22.9	23.0	2	23.4
		1	0	23.0	23.1	23.1	2	23.4	23.0	23.1	23.1	2	23.4
		1	8	23.1	23.1	23.1	2	23.4	23.1	23.1	23.1	2	23.4
		1	14	23.0	23.1	23.0	2	23.4	23.0	23.1	23.0	2	23.4
		8	0	21.8	21.8	21.9	3	22.4	21.8	21.8	21.9	3	22.4
	256QAM	8	4	21.9	21.9	22.0	3	22.4	21.9	21.9	22.0	3	22.4
		8	7	21.9	21.9	22.0	3	22.4	21.9	21.9	22.0	3	22.4
		15	0	21.9	21.9	21.9	3	22.4	21.9	21.9	21.9	3	22.4
		1	0	19.8	19.8	19.9	5	20.4	19.8	19.8	19.9	5	20.4
		1	8	20.0	20.0	20.1	5	20.4	20.0	20.0	20.1	5	20.4
		1	14	20.0	19.9	20.0	5	20.4	20.0	19.9	20.0	5	20.4
		8	0	19.8	19.8	19.9	5	20.4	19.8	19.8	19.9	5	20.4
		8	4	20.0	19.9	19.9	5	20.4	20.0	19.9	19.9	5	20.4
		8	7	19.9	19.9	20.0	5	20.4	19.9	19.9	20.0	5	20.4
		15	0	19.9	19.9	19.9	5	20.4	19.9	19.9	19.9	5	20.4
		1	0	24.8	24.8	24.9	0	25.4	24.8	24.8	24.9	0	25.4
		1	3	24.8	24.9	25.0	0	25.4	24.8	24.9	25.0	0	25.4
		1	5	24.8	24.9	25.0	0	25.4	24.8	24.9	25.0	0	25.4
		3	0	24.9	24.9	25.0	0	25.4	24.9	24.9	25.0	0	25.4
		3	1	24.9	24.9	25.0	0	25.4	24.9	24.9	25.0	0	25.4
		3	3	24.9	24.9	25.0	0	25.4	24.9	24.9	25.0	0	25.4
		6	0	23.8	23.9	24.0	1	24.4	23.8	23.9	24.0	1	24.4
1.4	QPSK	1	0	24.0	24.1	24.3	1	24.4	24.0	24.1	24.3	1	24.4
		1	3	24.0	24.2	24.3	1	24.4	24.0	24.2	24.3	1	24.4
		1	5	24.0	24.2	24.3	1	24.4	24.0	24.2	24.3	1	24.4
		3	0	23.9	24.0	24.1	1	24.4	23.9	24.0	24.1	1	24.4
		3	1	23.9	24.0	24.1	1	24.4	23.9	24.0	24.1	1	24.4
		3	3	23.9	24.0	24.1	1	24.4	23.9	24.0	24.1	1	24.4
	16QAM	6	0	22.9	22.9	23.0	2	23.4	22.9	22.9	23.0	2	23.4
		1	0	22.8	23.1	23.1	2	23.4	22.8	23.1	23.1	2	23.4
		1	3	22.9	23.1	23.2	2	23.4	22.9	23.1	23.2	2	23.4
		1	5	22.9	23.1	23.2	2	23.4	22.9	23.1	23.2	2	23.4
		3	0	23.0	22.9	23.0	2	23.4	23.0	22.9	23.0	2	23.4
		3	1	23.0	22.9	23.0	2	23.4	23.0	22.9	23.0	2	23.4
	64QAM	3	3	23.0	22.9	23.0	2	23.4	23.0	22.9	23.0	2	23.4
		6	0	21.8	21.8	22.0	3	22.4	21.8	21.8	22.0	3	22.4
		1	0	19.8	19.8	20.0	5	20.4	19.8	19.8	20.0	5	20.4
		1	3	19.9	20.0	20.1	5	20.4	19.9	20.0	20.1	5	20.4
		1	5	19.9	19.9	20.2	5	20.4	19.9	19.9	20.2	5	20.4
		3	0	19.8	19.9	20.0	5	20.4	19.8	19.9	20.0	5	20.4
	256QAM	3	1	19.8	19.9	20.0	5	20.4	19.8	19.9	20.0	5	20.4
		3	3	19.8	19.9	20.1	5	20.4	19.8	19.9	20.1	5	20.4
		6	0	19.9	19.9	20.0	5	20.4	19.9	19.9	20.0	5	20.4
		1	0	24.8	24.8	24.9	0	25.4	24.8	24.8	24.9	0	25.4
		1	3	24.8	24.9	25.0	0	25.4	24.8	24.9	25.0	0	25.4
		1	5	24.8	24.9	25.0	0	25.4	24.8	24.9	25.0	0	25.4

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		25.2		0	25.7		25.2		0	25.7
		1	25		25.3		0	25.7		25.3		0	25.7
		1	49		25.2		0	25.7		25.2		0	25.7
		25	0		24.3		1	24.7		24.3		1	24.7
		25	12		24.3		1	24.7		24.3		1	24.7
		25	25		24.2		1	24.7		24.2		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		24.7		1	24.7		24.7		1	24.7
		1	49		24.5		1	24.7		24.5		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		23.2		2	23.7		23.2		2	23.7
		50	0		23.3		2	23.7		23.3		2	23.7
	64QAM	1	0		23.1		2	23.7		23.1		2	23.7
		1	25		23.3		2	23.7		23.3		2	23.7
		1	49		23.3		2	23.7		23.3		2	23.7
		25	0		22.1		3	22.7		22.1		3	22.7
		25	12		22.2		3	22.7		22.2		3	22.7
		25	25		22.2		3	22.7		22.2		3	22.7
		50	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	25		20.4		5	20.7		20.4		5	20.7
		1	49		20.4		5	20.7		20.4		5	20.7
		25	0		20.1		5	20.7		20.1		5	20.7
		25	12		20.2		5	20.7		20.2		5	20.7
		25	25		20.3		5	20.7		20.3		5	20.7
		50	0		20.2		5	20.7		20.2		5	20.7
BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
					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		25.3		0	25.7		25.3		0	25.7
		1	24		25.2		0	25.7		25.2		0	25.7
		12	0		24.2		1	24.7		24.2		1	24.7
		12	7		24.3		1	24.7		24.3		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		24.7		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		23.2		2	23.7		23.2		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		23.3		2	23.7		23.3		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		22.2		3	22.7		22.2		3	22.7
		12	7		22.2		3	22.7		22.2		3	22.7
		12	13		22.3		3	22.7		22.3		3	22.7
		25	0		22.1		3	22.7		22.1		3	22.7
	256QAM	1	0		20.2		5	20.7		20.2		5	20.7
		1	12		20.4		5	20.7		20.4		5	20.7
		1	24		20.4		5	20.7		20.4		5	20.7
		12	0		20.2		5	20.7		20.2		5	20.7
		12	7		20.2		5	20.7		20.2		5	20.7
		12	13		20.3		5	20.7		20.3		5	20.7
		25	0		20.2		5	20.7		20.2		5	20.7

LTE Band 13 Measured Results (ANT2)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)					Power Mode B (dBm)				
					23230 782 MHz		MPR	Max Output Pwr		23230 782 MHz		MPR	Max Output Pwr
10	QPSK	1	0		23.9		0	24.5		23.9		0	24.5
		1	25		23.9		0	24.5		23.9		0	24.5
		1	49		23.9		0	24.5		23.9		0	24.5
		25	0		23.1		0.8	23.7		23.1		0.8	23.7
		25	12		23.2		0.8	23.7		23.2		0.8	23.7
		25	25		23.2		0.8	23.7		23.2		0.8	23.7
		50	0		23.2		0.8	23.7		23.2		0.8	23.7
	16QAM	1	0		23.4		0.8	23.7		23.4		0.8	23.7
		1	25		23.4		0.8	23.7		23.4		0.8	23.7
		1	49		23.4		0.8	23.7		23.4		0.8	23.7
		25	0		22.1		1.8	22.7		22.1		1.8	22.7
		25	12		22.2		1.8	22.7		22.2		1.8	22.7
		25	25		22.2		1.8	22.7		22.2		1.8	22.7
		50	0		22.2		1.8	22.7		22.2		1.8	22.7
	64QAM	1	0		22.3		1.8	22.7		22.3		1.8	22.7
		1	25		22.4		1.8	22.7		22.4		1.8	22.7
		1	49		22.4		1.8	22.7		22.4		1.8	22.7
		25	0		21.1		2.8	21.7		21.1		2.8	21.7
		25	12		21.1		2.8	21.7		21.1		2.8	21.7
		25	25		21.2		2.8	21.7		21.2		2.8	21.7
		50	0		21.2		2.8	21.7		21.2		2.8	21.7
	256QAM	1	0		19.2		4.8	19.7		19.2		4.8	19.7
		1	25		19.4		4.8	19.7		19.4		4.8	19.7
		1	49		19.4		4.8	19.7		19.4		4.8	19.7
		25	0		19.2		4.8	19.7		19.2		4.8	19.7
		25	12		19.2		4.8	19.7		19.2		4.8	19.7
		25	25		19.3		4.8	19.7		19.3		4.8	19.7
		50	0		19.3		4.8	19.7		19.3		4.8	19.7
BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
					23230 782 MHz		MPR	Max Output Pwr		23230 782 MHz		MPR	Max Output Pwr
5	QPSK	1	0		23.9		0	24.5		23.9		0	24.5
		1	12		24.0		0	24.5		24.0		0	24.5
		1	24		23.9		0	24.5		23.9		0	24.5
		12	0		23.0		0.8	23.7		23.0		0.8	23.7
		12	7		23.1		0.8	23.7		23.1		0.8	23.7
		12	13		23.1		0.8	23.7		23.1		0.8	23.7
		25	0		23.1		0.8	23.7		23.1		0.8	23.7
	16QAM	1	0		23.5		0.8	23.7		23.5		0.8	23.7
		1	12		23.5		0.8	23.7		23.5		0.8	23.7
		1	24		23.5		0.8	23.7		23.5		0.8	23.7
		12	0		22.0		1.8	22.7		22.0		1.8	22.7
		12	7		22.1		1.8	22.7		22.1		1.8	22.7
		12	13		22.1		1.8	22.7		22.1		1.8	22.7
		25	0		22.2		1.8	22.7		22.2		1.8	22.7
	64QAM	1	0		22.5		1.8	22.7		22.5		1.8	22.7
		1	12		22.5		1.8	22.7		22.5		1.8	22.7
		1	24		22.4		1.8	22.7		22.4		1.8	22.7
		12	0		21.2		2.8	21.7		21.2		2.8	21.7
		12	7		21.2		2.8	21.7		21.2		2.8	21.7
		12	13		21.2		2.8	21.7		21.2		2.8	21.7
		25	0		21.2		2.8	21.7		21.2		2.8	21.7
	256QAM	1	0		19.3		4.8	19.7		19.3		4.8	19.7
		1	12		19.4		4.8	19.7		19.4		4.8	19.7
		1	24		19.4		4.8	19.7		19.4		4.8	19.7
		12	0		19.2		4.8	19.7		19.2		4.8	19.7
		12	7		19.2		4.8	19.7		19.2		4.8	19.7
		12	13		19.3		4.8	19.7		19.3		4.8	19.7
		25	0		19.3		4.8	19.7		19.3		4.8	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	25.0	0	25.4		25.0	0	25.4	
		1	25	25.0	0	25.4		25.0	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	24.4	1	24.4		24.4	1	24.4	
		1	25	24.4	1	24.4		24.4	1	24.4	
		1	49	24.2	1	24.4		24.2	1	24.4	
		25	0	23.2	2	23.4		23.2	2	23.4	
		25	12	23.2	2	23.4		23.2	2	23.4	
		25	25	23.1	2	23.4		23.1	2	23.4	
	64QAM	1	0	23.2	2	23.4		23.2	2	23.4	
		1	25	23.3	2	23.4		23.3	2	23.4	
		1	49	23.0	2	23.4		23.0	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	21.9	3	22.4		21.9	3	22.4	
		50	0	22.0	3	22.4		22.0	3	22.4	
	256QAM	1	0	20.1	5	20.4		20.1	5	20.4	
		1	25	20.2	5	20.4		20.2	5	20.4	
		1	49	19.9	5	20.4		19.9	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	19.9	5	20.4		19.9	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	25.1	0	25.4		25.1	0	25.4	
		1	12	25.2	0	25.4		25.2	0	25.4	
		1	24	25.0	0	25.4		25.0	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	24.1	1	24.4		24.1	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	23.1	2	23.4		23.1	2	23.4	
		12	7	23.2	2	23.4		23.2	2	23.4	
		12	13	23.1	2	23.4		23.1	2	23.4	
	64QAM	25	0	23.1	2	23.4		23.1	2	23.4	
		1	0	23.2	2	23.4		23.2	2	23.4	
		1	12	23.2	2	23.4		23.2	2	23.4	
		1	24	23.1	2	23.4		23.1	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	22.0	3	22.4		22.0	3	22.4	
	256QAM	25	0	22.0	3	22.4		22.0	3	22.4	
		1	0	20.1	5	20.4		20.1	5	20.4	
		1	12	20.3	5	20.4		20.3	5	20.4	
		1	24	20.1	5	20.4		20.1	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	20.0	5	20.4		20.0	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	793 MHz	MPR	Max Output Pwr	23330	793 MHz	MPR	Max Output Pwr	
10	QPSK	1	0	25.2	0	25.7	25.2	0	25.7	25.2	0	25.7
		1	25	25.1	0	25.7	25.1	0	25.7	25.1	0	25.7
		1	49	25.1	0	25.7	25.1	0	25.7	25.1	0	25.7
		25	0	24.2	1	24.7	24.2	1	24.7	24.2	1	24.7
		25	12	24.2	1	24.7	24.2	1	24.7	24.2	1	24.7
		25	25	24.1	1	24.7	24.1	1	24.7	24.1	1	24.7
		50	0	24.1	1	24.7	24.1	1	24.7	24.1	1	24.7
	16QAM	1	0	24.5	1	24.7	24.5	1	24.7	24.5	1	24.7
		1	25	24.4	1	24.7	24.4	1	24.7	24.4	1	24.7
		1	49	24.4	1	24.7	24.4	1	24.7	24.4	1	24.7
		25	0	23.2	2	23.7	23.2	2	23.7	23.2	2	23.7
		25	12	23.2	2	23.7	23.2	2	23.7	23.2	2	23.7
		25	25	23.2	2	23.7	23.2	2	23.7	23.2	2	23.7
	64QAM	50	0	23.1	2	23.7	23.1	2	23.7	23.1	2	23.7
		1	0	23.2	2	23.7	23.2	2	23.7	23.2	2	23.7
		1	25	23.2	2	23.7	23.2	2	23.7	23.2	2	23.7
		1	49	23.2	2	23.7	23.2	2	23.7	23.2	2	23.7
		25	0	22.0	3	22.7	22.0	3	22.7	22.0	3	22.7
		25	12	22.1	3	22.7	22.1	3	22.7	22.1	3	22.7
	256QAM	25	25	22.1	3	22.7	22.1	3	22.7	22.1	3	22.7
		50	0	22.1	3	22.7	22.1	3	22.7	22.1	3	22.7
		1	0	20.2	5	20.7	20.2	5	20.7	20.2	5	20.7
		1	25	20.3	5	20.7	20.3	5	20.7	20.3	5	20.7
		1	49	20.3	5	20.7	20.3	5	20.7	20.3	5	20.7
		25	0	20.0	5	20.7	20.0	5	20.7	20.0	5	20.7
		25	12	20.1	5	20.7	20.1	5	20.7	20.1	5	20.7
		25	25	20.1	5	20.7	20.1	5	20.7	20.1	5	20.7
	50	0	20.1	5	20.7	20.1	5	20.7	20.1	5	20.7	
BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)				Power Mode B (dBm)				
				23330	793 MHz	MPR	Max Output Pwr	23330	793 MHz	MPR	Max Output Pwr	
5	QPSK	1	0	25.1	0	25.7	25.1	0	25.7	25.1	0	25.7
		1	12	25.2	0	25.7	25.2	0	25.7	25.2	0	25.7
		1	24	25.1	0	25.7	25.1	0	25.7	25.1	0	25.7
		12	0	24.1	1	24.7	24.1	1	24.7	24.1	1	24.7
		12	7	24.2	1	24.7	24.2	1	24.7	24.2	1	24.7
		12	13	24.1	1	24.7	24.1	1	24.7	24.1	1	24.7
		25	0	24.1	1	24.7	24.1	1	24.7	24.1	1	24.7
	16QAM	1	0	24.5	1	24.7	24.5	1	24.7	24.5	1	24.7
		1	12	24.6	1	24.7	24.6	1	24.7	24.6	1	24.7
		1	24	24.5	1	24.7	24.5	1	24.7	24.5	1	24.7
		12	0	23.2	2	23.7	23.2	2	23.7	23.2	2	23.7
		12	7	23.1	2	23.7	23.1	2	23.7	23.1	2	23.7
		12	13	23.1	2	23.7	23.1	2	23.7	23.1	2	23.7
	64QAM	25	0	23.1	2	23.7	23.1	2	23.7	23.1	2	23.7
		1	0	23.3	2	23.7	23.3	2	23.7	23.3	2	23.7
		1	12	23.3	2	23.7	23.3	2	23.7	23.3	2	23.7
		1	24	23.2	2	23.7	23.2	2	23.7	23.2	2	23.7
		12	0	22.1	3	22.7	22.1	3	22.7	22.1	3	22.7
		12	7	22.1	3	22.7	22.1	3	22.7	22.1	3	22.7
		12	13	22.1	3	22.7	22.1	3	22.7	22.1	3	22.7
	256QAM	25	0	22.1	3	22.7	22.1	3	22.7	22.1	3	22.7
		1	0	20.2	5	20.7	20.2	5	20.7	20.2	5	20.7
		1	12	20.2	5	20.7	20.2	5	20.7	20.2	5	20.7
		1	24	20.2	5	20.7	20.2	5	20.7	20.2	5	20.7
		12	0	20.1	5	20.7	20.1	5	20.7	20.1	5	20.7
		12	7	20.1	5	20.7	20.1	5	20.7	20.1	5	20.7
		12	13	20.1	5	20.7	20.1	5	20.7	20.1	5	20.7

LTE Band 14 Measured Results (ANT2)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)					Power Mode B (dBm)				
					23330 793 MHz		MPR	Max Output Pwr		23330 793 MHz		MPR	Max Output Pwr
10	QPSK	1	0		23.9		0	24.5		23.9		0	24.5
		1	25		23.9		0	24.5		23.9		0	24.5
		1	49		23.8		0	24.5		23.8		0	24.5
		25	0		23.1		0.8	23.7		23.1		0.8	23.7
		25	12		23.1		0.8	23.7		23.1		0.8	23.7
		25	25		23.0		0.8	23.7		23.0		0.8	23.7
		50	0		23.1		0.8	23.7		23.1		0.8	23.7
	16QAM	1	0		23.4		0.8	23.7		23.4		0.8	23.7
		1	25		23.5		0.8	23.7		23.5		0.8	23.7
		1	49		23.4		0.8	23.7		23.4		0.8	23.7
		25	0		22.0		1.8	22.7		22.0		1.8	22.7
		25	12		22.0		1.8	22.7		22.0		1.8	22.7
		25	25		22.0		1.8	22.7		22.0		1.8	22.7
		50	0		22.0		1.8	22.7		22.0		1.8	22.7
	64QAM	1	0		22.3		1.8	22.7		22.3		1.8	22.7
		1	25		22.3		1.8	22.7		22.3		1.8	22.7
		1	49		22.3		1.8	22.7		22.3		1.8	22.7
		25	0		21.2		2.8	21.7		21.2		2.8	21.7
		25	12		21.2		2.8	21.7		21.2		2.8	21.7
		25	25		21.2		2.8	21.7		21.2		2.8	21.7
		50	0		21.2		2.8	21.7		21.2		2.8	21.7
	256QAM	1	0		19.2		4.8	19.7		19.2		4.8	19.7
		1	25		19.4		4.8	19.7		19.4		4.8	19.7
		1	49		19.2		4.8	19.7		19.2		4.8	19.7
		25	0		19.2		4.8	19.7		19.2		4.8	19.7
		25	12		19.2		4.8	19.7		19.2		4.8	19.7
		25	25		19.2		4.8	19.7		19.2		4.8	19.7
		50	0		19.2		4.8	19.7		19.2		4.8	19.7
BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
					23330 793 MHz		MPR	Max Output Pwr		23330 793 MHz		MPR	Max Output Pwr
5	QPSK	1	0		23.9		0	24.5		23.9		0	24.5
		1	12		23.9		0	24.5		23.9		0	24.5
		1	24		23.9		0	24.5		23.9		0	24.5
		12	0		23.0		0.8	23.7		23.0		0.8	23.7
		12	7		23.1		0.8	23.7		23.1		0.8	23.7
		12	13		23.1		0.8	23.7		23.1		0.8	23.7
		25	0		23.1		0.8	23.7		23.1		0.8	23.7
	16QAM	1	0		23.4		0.8	23.7		23.4		0.8	23.7
		1	12		23.4		0.8	23.7		23.4		0.8	23.7
		1	24		23.4		0.8	23.7		23.4		0.8	23.7
		12	0		22.0		1.8	22.7		22.0		1.8	22.7
		12	7		22.1		1.8	22.7		22.1		1.8	22.7
		12	13		22.1		1.8	22.7		22.1		1.8	22.7
		25	0		22.1		1.8	22.7		22.1		1.8	22.7
	64QAM	1	0		22.5		1.8	22.7		22.5		1.8	22.7
		1	12		22.5		1.8	22.7		22.5		1.8	22.7
		1	24		22.4		1.8	22.7		22.4		1.8	22.7
		12	0		21.2		2.8	21.7		21.2		2.8	21.7
		12	7		21.2		2.8	21.7		21.2		2.8	21.7
		12	13		21.2		2.8	21.7		21.2		2.8	21.7
		25	0		21.2		2.8	21.7		21.2		2.8	21.7
	256QAM	1	0		19.3		4.8	19.7		19.3		4.8	19.7
		1	12		19.4		4.8	19.7		19.4		4.8	19.7
		1	24		19.2		4.8	19.7		19.2		4.8	19.7
		12	0		19.2		4.8	19.7		19.2		4.8	19.7
		12	7		19.3		4.8	19.7		19.3		4.8	19.7
		12	13		19.2		4.8	19.7		19.2		4.8	19.7
		25	0		19.2		4.8	19.7		19.2		4.8	19.7

LTE Band 14 Measured Results (ANT3)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)				Power Mode B (dBm)				
				23330 793 MHz		MPR	Max Output Pwr	23330 793 MHz		MPR	Max Output Pwr	
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	24.8		0	25.4	24.8		0	25.4	
		25	0	23.9		1	24.4	23.9		1	24.4	
		25	12	23.9		1	24.4	23.9		1	24.4	
		25	25	23.9		1	24.4	23.9		1	24.4	
	16QAM	50	0	23.9		1	24.4	23.9		1	24.4	
		1	0	24.1		1	24.4	24.1		1	24.4	
		1	25	24.1		1	24.4	24.1		1	24.4	
		1	49	24.1		1	24.4	24.1		1	24.4	
		25	0	23.0		2	23.4	23.0		2	23.4	
		25	12	23.0		2	23.4	23.0		2	23.4	
	64QAM	25	25	23.0		2	23.4	23.0		2	23.4	
		50	0	22.9		2	23.4	22.9		2	23.4	
		1	0	23.2		2	23.4	23.2		2	23.4	
		1	25	23.2		2	23.4	23.2		2	23.4	
		1	49	23.0		2	23.4	23.0		2	23.4	
		25	0	22.0		3	22.4	22.0		3	22.4	
	256QAM	25	12	21.9		3	22.4	21.9		3	22.4	
		25	25	21.9		3	22.4	21.9		3	22.4	
		50	0	21.9		3	22.4	21.9		3	22.4	
		1	0	20.2		5	20.4	20.2		5	20.4	
		1	25	20.1		5	20.4	20.1		5	20.4	
		1	49	20.1		5	20.4	20.1		5	20.4	
5	QPSK	25	0	19.9		5	20.4	19.9		5	20.4	
		25	12	20.0		5	20.4	20.0		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	
		16QAM	1	0	24.3		1	24.4	24.3		1	24.4
			1	12	24.3		1	24.4	24.3		1	24.4
	1		24	24.2		1	24.4	24.2		1	24.4	
	12		0	23.0		2	23.4	23.0		2	23.4	
	12		7	23.0		2	23.4	23.0		2	23.4	
	12		13	23.0		2	23.4	23.0		2	23.4	
	64QAM	25	0	22.9		2	23.4	22.9		2	23.4	
		1	0	23.2		2	23.4	23.2		2	23.4	
		1	12	23.2		2	23.4	23.2		2	23.4	
		1	24	23.1		2	23.4	23.1		2	23.4	
		12	0	21.9		3	22.4	21.9		3	22.4	
		12	7	21.9		3	22.4	21.9		3	22.4	
	256QAM	12	13	21.9		3	22.4	21.9		3	22.4	
		25	0	21.9		3	22.4	21.9		3	22.4	
		1	0	20.1		5	20.4	20.1		5	20.4	
		1	12	20.1		5	20.4	20.1		5	20.4	
		1	24	20.1		5	20.4	20.1		5	20.4	
		12	0	19.9		5	20.4	19.9		5	20.4	
	256QAM	12	7	20.0		5	20.4	20.0		5	20.4	
		12	13	19.9		5	20.4	19.9		5	20.4	
25		0	19.9		5	20.4	19.9		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	25.4	25.3	25.4	0	25.7	18.5	18.6	18.8	0	19.5
		1	49	25.3	25.3	25.3	0	25.7	18.6	18.6	18.5	0	19.5
		1	99	25.3	25.3	25.4	0	25.7	18.6	18.7	18.8	0	19.5
		50	0	24.4	24.4	24.4	1	24.7	18.6	18.8	18.8	0	19.5
		50	24	24.5	24.4	24.5	1	24.7	18.7	18.7	18.7	0	19.5
		50	50	24.4	24.5	24.5	1	24.7	18.7	18.8	18.9	0	19.5
		100	0	24.5	24.4	24.4	1	24.7	18.7	18.7	18.7	0	19.5
	16QAM	1	0	24.7	24.7	24.4	1	24.7	18.8	19.0	18.6	0	19.5
		1	49	24.7	23.8	24.1	1	24.7	18.8	19.0	18.8	0	19.5
		1	99	24.5	24.7	24.5	1	24.7	18.8	19.0	18.9	0	19.5
		50	0	23.5	23.4	23.4	2	23.7	18.6	18.8	18.6	0	19.5
		50	24	23.5	23.4	23.5	2	23.7	18.7	18.8	18.7	0	19.5
		50	50	23.5	23.5	23.5	2	23.7	18.7	18.8	18.7	0	19.5
		100	0	23.5	23.4	23.5	2	23.7	18.7	18.8	18.7	0	19.5
	64QAM	1	0	23.3	23.4	23.5	2	23.7	18.4	18.8	18.8	0	19.5
		1	49	23.4	23.4	23.6	2	23.7	18.7	19.0	18.8	0	19.5
		1	99	23.3	23.4	23.6	2	23.7	18.7	18.7	18.7	0	19.5
		50	0	22.2	22.3	22.4	3	22.7	18.4	18.5	18.6	0	19.5
		50	24	22.3	22.4	22.4	3	22.7	18.5	18.6	18.6	0	19.5
		50	50	22.2	22.4	22.5	3	22.7	18.5	18.6	18.7	0	19.5
		100	0	22.3	22.4	22.4	3	22.7	18.5	18.6	18.6	0	19.5
	256QAM	1	0	20.3	20.4	20.4	5	20.7	18.5	18.6	18.7	0	19.5
		1	49	20.4	20.5	20.4	5	20.7	18.6	18.6	18.6	0	19.5
		1	99	20.4	20.6	20.5	5	20.7	18.6	18.8	18.7	0	19.5
		50	0	20.2	20.3	20.4	5	20.7	18.4	18.5	18.6	0	19.5
		50	24	20.3	20.4	20.4	5	20.7	18.5	18.6	18.6	0	19.5
		50	50	20.3	20.4	20.5	5	20.7	18.5	18.6	18.7	0	19.5
		100	0	20.3	20.4	20.4	5	20.7	18.5	18.6	18.6	0	19.5
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	25.4	25.4	25.3	0	25.7	18.5	18.7	18.7	0	19.5
		1	37	25.4	25.4	25.4	0	25.7	18.6	18.7	18.8	0	19.5
		1	74	25.3	25.4	25.4	0	25.7	18.6	18.7	18.7	0	19.5
		36	0	24.5	24.4	24.4	1	24.7	18.6	18.7	18.8	0	19.5
		36	20	24.5	24.4	24.5	1	24.7	18.7	18.8	18.8	0	19.5
		36	39	24.5	24.5	24.5	1	24.7	18.7	18.8	18.9	0	19.5
		75	0	24.5	24.4	24.6	1	24.7	18.7	18.8	18.9	0	19.5
	16QAM	1	0	24.5	24.3	24.6	1	24.7	19.0	19.0	19.0	0	19.5
		1	37	24.6	24.2	24.7	1	24.7	18.6	18.7	18.9	0	19.5
		1	74	24.7	24.2	24.6	1	24.7	18.6	18.7	18.7	0	19.5
		36	0	23.5	23.4	23.4	2	23.7	18.6	18.8	18.9	0	19.5
		36	20	23.5	23.4	23.5	2	23.7	18.7	18.8	18.8	0	19.5
		36	39	23.5	23.5	23.5	2	23.7	18.7	18.8	18.9	0	19.5
		75	0	23.5	23.4	23.5	2	23.7	18.7	18.9	18.8	0	19.5
	64QAM	1	0	23.3	23.4	23.5	2	23.7	18.4	18.7	18.6	0	19.5
		1	37	23.4	23.5	23.5	2	23.7	18.5	18.7	18.7	0	19.5
		1	74	23.4	23.5	23.4	2	23.7	18.6	18.7	18.6	0	19.5
		36	0	22.2	22.3	22.4	3	22.7	18.4	18.5	18.6	0	19.5
		36	20	22.3	22.3	22.4	3	22.7	18.5	18.6	18.6	0	19.5
		36	39	22.3	22.4	22.5	3	22.7	18.5	18.6	18.7	0	19.5
		75	0	22.2	22.4	22.4	3	22.7	18.5	18.6	18.6	0	19.5
	256QAM	1	0	20.1	20.3	20.4	5	20.7	18.4	18.6	18.7	0	19.5
		1	37	20.2	20.5	20.5	5	20.7	18.5	18.7	18.7	0	19.5
		1	74	20.3	20.6	20.5	5	20.7	18.6	18.7	18.8	0	19.5
		36	0	20.2	20.3	20.4	5	20.7	18.4	18.5	18.6	0	19.5
		36	20	20.3	20.4	20.4	5	20.7	18.5	18.6	18.6	0	19.5
		36	39	20.3	20.4	20.5	5	20.7	18.5	18.6	18.7	0	19.5
		75	0	20.3	20.4	20.4	5	20.7	18.5	18.6	18.7	0	19.5

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	25.6	25.5	25.5	0	25.7	18.6	18.8	18.9	0	19.5
		1	25	25.6	25.5	25.6	0	25.7	18.8	18.9	19.0	0	19.5
		1	49	25.5	25.5	25.6	0	25.7	18.7	18.9	19.0	0	19.5
		25	0	24.6	24.5	24.5	1	24.7	18.7	18.8	18.9	0	19.5
		25	12	24.6	24.5	24.6	1	24.7	18.8	19.0	19.0	0	19.5
		25	25	24.6	24.6	24.6	1	24.7	18.8	18.9	19.0	0	19.5
	16QAM	50	0	24.6	24.5	24.5	1	24.7	18.8	18.9	19.0	0	19.5
		1	0	24.4	24.2	24.7	1	24.7	19.0	18.8	19.0	0	19.5
		1	25	24.3	24.4	24.2	1	24.7	19.0	18.9	19.0	0	19.5
		1	49	23.9	23.9	24.6	1	24.7	19.0	18.8	19.0	0	19.5
		25	0	23.6	23.5	23.6	2	23.7	18.7	18.9	18.9	0	19.5
		25	12	23.7	23.5	23.6	2	23.7	18.9	19.0	18.7	0	19.5
	64QAM	25	25	23.7	23.6	23.6	2	23.7	18.8	19.0	19.0	0	19.5
		50	0	23.6	23.5	23.6	2	23.7	18.8	19.0	19.0	0	19.5
		1	0	23.4	23.5	23.7	2	23.7	18.7	18.7	18.7	0	19.5
		1	25	23.5	23.6	23.7	2	23.7	18.8	18.8	18.8	0	19.5
		1	49	23.4	23.6	23.6	2	23.7	18.8	18.9	18.8	0	19.5
		25	0	22.3	22.4	22.5	3	22.7	18.5	18.6	18.7	0	19.5
5	QPSK	25	12	22.4	22.5	22.6	3	22.7	18.6	18.8	18.8	0	19.5
		25	25	22.4	22.5	22.6	3	22.7	18.6	18.7	18.8	0	19.5
		50	0	22.4	22.5	22.6	3	22.7	18.6	18.7	18.8	0	19.5
	16QAM	1	0	20.4	20.5	20.6	5	20.7	18.6	18.7	18.8	0	19.5
		1	25	20.5	20.6	20.7	5	20.7	18.7	18.9	19.0	0	19.5
		1	49	20.5	20.6	20.7	5	20.7	18.7	18.8	18.9	0	19.5
		25	0	20.3	20.4	20.5	5	20.7	18.5	18.6	18.7	0	19.5
		25	12	20.4	20.5	20.6	5	20.7	18.6	18.7	18.8	0	19.5
		25	25	20.4	20.5	20.6	5	20.7	18.6	18.7	18.8	0	19.5
	256QAM	50	0	20.3	20.5	20.6	5	20.7	18.6	18.7	18.8	0	19.5
		1	0	25.5	25.5	25.6	0	25.7	18.6	18.8	18.9	0	19.5
		1	12	25.6	25.6	25.6	0	25.7	18.7	18.9	19.0	0	19.5
		1	24	25.5	25.5	25.6	0	25.7	18.7	18.8	18.9	0	19.5
		12	0	24.6	24.5	24.6	1	24.7	18.8	18.8	18.9	0	19.5
		12	7	24.7	24.5	24.7	1	24.7	18.8	19.0	19.0	0	19.5
5	QPSK	12	13	24.6	24.6	24.7	1	24.7	18.8	18.9	19.0	0	19.5
		25	0	24.6	24.5	24.6	1	24.7	18.8	18.9	18.9	0	19.5
	16QAM	1	0	23.8	24.4	24.7	1	24.7	18.7	18.6	18.8	0	19.5
		1	12	23.8	23.9	24.5	1	24.7	18.7	18.8	19.0	0	19.5
		1	24	24.4	24.6	24.0	1	24.7	18.7	18.8	18.9	0	19.5
		12	0	23.7	23.5	23.6	2	23.7	18.8	18.9	18.8	0	19.5
	64QAM	12	7	23.7	23.5	23.7	2	23.7	18.8	19.0	18.8	0	19.5
		12	13	23.7	23.6	23.6	2	23.7	18.8	19.0	18.9	0	19.5
		25	0	23.6	23.5	23.6	2	23.7	18.8	19.0	19.0	0	19.5
	256QAM	1	0	23.4	23.5	23.6	2	23.7	18.6	18.8	18.9	0	19.5
		1	12	23.5	23.7	23.7	2	23.7	18.7	18.9	19.0	0	19.5
		1	24	23.4	23.6	23.7	2	23.7	18.7	18.9	19.0	0	19.5
		12	0	22.3	22.4	22.5	3	22.7	18.6	18.6	18.8	0	19.5
		12	7	22.3	22.5	22.5	3	22.7	18.6	18.7	18.8	0	19.5
		12	13	22.3	22.5	22.6	3	22.7	18.6	18.7	18.8	0	19.5
	256QAM	25	0	22.3	22.4	22.5	3	22.7	18.6	18.7	18.8	0	19.5
		1	0	20.4	20.4	20.7	5	20.7	18.5	18.7	18.9	0	19.5
		1	12	20.4	20.5	20.7	5	20.7	18.7	18.8	19.0	0	19.5
		1	24	20.5	20.5	20.6	5	20.7	18.7	18.8	19.0	0	19.5
		12	0	20.3	20.4	20.5	5	20.7	18.6	18.6	18.7	0	19.5
		12	7	20.3	20.5	20.6	5	20.7	18.6	18.7	18.8	0	19.5
		12	13	20.3	20.5	20.6	5	20.7	18.6	18.7	18.9	0	19.5
		25	0	20.3	20.4	20.5	5	20.7	18.6	18.7	18.7	0	19.5

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	25.5	25.4	25.5	0	25.7	18.4	18.7	18.9	0	19.5
		1	8	25.6	25.5	25.6	0	25.7	18.5	18.8	18.9	0	19.5
		1	14	25.5	25.4	25.5	0	25.7	18.5	18.8	18.9	0	19.5
		8	0	24.6	24.5	24.5	1	24.7	18.6	18.8	19.0	0	19.5
		8	4	24.6	24.5	24.6	1	24.7	18.6	18.9	19.0	0	19.5
		8	7	24.6	24.6	24.7	1	24.7	18.6	18.9	19.0	0	19.5
	16QAM	15	0	24.6	24.4	24.5	1	24.7	18.6	18.8	19.0	0	19.5
		1	0	23.9	24.2	23.8	1	24.7	18.8	18.8	18.9	0	19.5
		1	8	23.7	23.9	23.9	1	24.7	19.0	18.9	19.0	0	19.5
		1	14	24.6	24.2	23.9	1	24.7	18.9	18.8	19.0	0	19.5
		8	0	23.7	23.6	23.6	2	23.7	18.7	18.9	18.8	0	19.5
		8	4	23.7	23.6	23.6	2	23.7	18.8	19.0	18.8	0	19.5
	64QAM	8	7	23.7	23.7	23.7	2	23.7	18.8	19.0	18.8	0	19.5
		15	0	23.6	23.5	23.6	2	23.7	18.8	18.9	18.7	0	19.5
		1	0	23.5	23.6	23.6	2	23.7	18.6	18.8	18.9	0	19.5
		1	8	23.6	23.6	23.0	2	23.7	18.7	18.8	19.0	0	19.5
		1	14	23.6	23.6	23.6	2	23.7	18.7	18.7	19.0	0	19.5
		8	0	22.3	22.4	22.6	3	22.7	18.6	18.7	18.8	0	19.5
	256QAM	8	4	22.3	22.5	22.6	3	22.7	18.6	18.8	18.9	0	19.5
		8	7	22.3	22.5	22.6	3	22.7	18.6	18.8	18.9	0	19.5
		15	0	22.3	22.5	22.6	3	22.7	18.6	18.7	18.8	0	19.5
		1	0	20.3	20.6	20.6	5	20.7	18.5	18.8	18.8	0	19.5
		1	8	20.5	20.6	20.0	5	20.7	18.7	18.9	18.9	0	19.5
		1	14	20.4	20.7	20.6	5	20.7	18.6	18.8	19.0	0	19.5
1.4	QPSK	8	0	20.3	20.4	20.6	5	20.7	18.6	18.7	18.8	0	19.5
		8	4	20.3	20.5	20.6	5	20.7	18.6	18.7	18.8	0	19.5
		8	7	20.4	20.5	20.6	5	20.7	18.6	18.7	18.9	0	19.5
		15	0	20.3	20.4	20.5	5	20.7	18.6	18.7	18.8	0	19.5
		1	0	25.5	25.5	25.5	0	25.7	18.6	18.9	18.9	0	19.5
		1	3	25.6	25.5	25.6	0	25.7	18.6	18.9	19.0	0	19.5
	16QAM	1	5	25.6	25.5	25.6	0	25.7	18.6	18.9	18.9	0	19.5
		3	0	25.6	25.5	25.6	0	25.7	18.7	18.8	18.9	0	19.5
		3	1	25.6	25.6	25.6	0	25.7	18.7	18.9	19.0	0	19.5
		3	3	25.6	25.6	25.6	0	25.7	18.7	18.9	19.0	0	19.5
		6	0	24.6	24.5	24.6	1	24.7	18.7	18.9	18.9	0	19.5
		1	0	23.9	24.7	24.5	1	24.7	18.8	18.7	18.7	0	19.5
	64QAM	1	3	23.8	24.7	24.5	1	24.7	18.8	18.8	18.9	0	19.5
		1	5	24.1	24.7	24.4	1	24.7	18.9	18.7	18.7	0	19.5
		3	0	24.7	24.6	24.7	1	24.7	18.8	19.0	19.0	0	19.5
		3	1	23.9	24.6	24.7	1	24.7	18.9	19.0	19.0	0	19.5
		3	3	24.3	24.6	24.7	1	24.7	18.8	19.0	18.8	0	19.5
		6	0	23.7	23.6	23.6	2	23.7	18.7	18.9	19.0	0	19.5
	256QAM	1	0	23.2	23.6	23.7	2	23.7	18.7	18.8	19.0	0	19.5
		1	3	23.3	23.7	23.7	2	23.7	18.8	18.9	19.0	0	19.5
		1	5	23.3	23.6	23.7	2	23.7	18.8	18.7	18.9	0	19.5
		3	0	23.2	23.5	23.7	2	23.7	18.5	18.8	18.8	0	19.5
		3	1	23.3	23.5	23.7	2	23.7	18.6	18.8	18.9	0	19.5
		3	3	23.3	23.6	23.7	2	23.7	18.6	18.8	18.8	0	19.5
	256QAM	6	0	22.3	22.5	22.4	3	22.7	18.5	18.6	18.8	0	19.5
		1	0	20.3	20.5	20.5	5	20.7	18.6	18.8	18.7	0	19.5
		1	3	20.4	20.7	20.7	5	20.7	18.7	18.8	18.9	0	19.5
		1	5	20.4	20.5	20.5	5	20.7	18.7	18.8	18.8	0	19.5
		3	0	20.3	20.5	20.6	5	20.7	18.5	18.7	18.7	0	19.5
		3	1	20.4	20.5	20.7	5	20.7	18.6	18.7	18.8	0	19.5
		3	3	20.4	20.5	20.6	5	20.7	18.6	18.7	18.8	0	19.5
		6	0	20.4	20.4	20.5	5	20.7	18.6	18.8	18.9	0	19.5

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	19.6	19.6	19.6	0	20.6	19.6	19.6	19.6	0	20.1
		1	49	19.6	19.6	19.6	0	20.6	19.6	19.6	19.6	0	20.1
		1	99	19.6	19.5	19.6	0	20.6	19.6	19.5	19.6	0	20.1
		50	0	19.8	19.7	19.6	0	20.6	19.8	19.7	19.6	0	20.1
		50	24	19.8	19.7	19.7	0	20.6	19.8	19.7	19.7	0	20.1
		50	50	19.7	19.7	19.6	0	20.6	19.7	19.7	19.6	0	20.1
	16QAM	100	0	19.7	19.7	19.6	0	20.6	19.7	19.7	19.6	0	20.1
		1	0	19.9	19.9	19.9	0	20.6	19.9	19.9	19.9	0	20.1
		1	49	19.9	20.1	20.2	0	20.6	19.9	20.1	20.1	0	20.1
		1	99	19.8	20.0	19.8	0	20.6	19.8	20.0	19.8	0	20.1
		50	0	19.7	19.6	19.6	0	20.6	19.7	19.6	19.6	0	20.1
		50	24	19.7	19.7	19.6	0	20.6	19.7	19.7	19.6	0	20.1
	64QAM	50	50	19.7	19.7	19.7	0	20.6	19.7	19.7	19.7	0	20.1
		100	0	19.7	19.7	19.6	0	20.6	19.7	19.7	19.6	0	20.1
		1	0	19.7	19.5	19.4	0	20.6	19.7	19.5	19.4	0	20.1
		1	49	19.7	19.6	19.5	0	20.6	19.7	19.6	19.5	0	20.1
		1	99	19.6	19.3	19.4	0	20.6	19.6	19.3	19.4	0	20.1
		50	0	19.5	19.3	19.3	0.2	20.4	19.5	19.3	19.3	0	20.1
	256QAM	50	24	19.5	19.4	19.3	0.2	20.4	19.5	19.4	19.3	0	20.1
		50	50	19.5	19.4	19.3	0.2	20.4	19.5	19.4	19.3	0	20.1
		100	0	19.5	19.4	19.3	0.2	20.4	19.5	19.4	19.3	0	20.1
		1	0	18.3	18.1	17.8	2.2	18.4	18.3	18.1	17.8	1.7	18.4
		1	49	18.2	18.1	17.8	2.2	18.4	18.2	18.1	17.8	1.7	18.4
		1	99	18.2	18.2	17.9	2.2	18.4	18.2	18.2	17.9	1.7	18.4
15	QPSK	50	0	18.2	17.9	17.8	2.2	18.4	18.2	17.9	17.8	1.7	18.4
		50	24	18.2	18.0	17.9	2.2	18.4	18.2	18.0	17.9	1.7	18.4
		50	50	18.1	18.0	17.8	2.2	18.4	18.1	18.0	17.8	1.7	18.4
		100	0	18.2	18.0	17.9	2.2	18.4	18.2	18.0	17.9	1.7	18.4
	16QAM	1	0	20.0	20.0	19.8	0	20.6	20.0	20.0	19.8	0	20.1
		1	37	20.3	20.0	19.8	0	20.6	20.1	20.0	19.8	0	20.1
		1	74	20.1	20.0	19.7	0	20.6	20.1	20.0	19.7	0	20.1
		36	0	19.8	19.7	19.6	0	20.6	19.8	19.7	19.6	0	20.1
		36	20	19.8	19.7	19.7	0	20.6	19.8	19.7	19.7	0	20.1
		36	39	19.8	19.7	19.6	0	20.6	19.8	19.7	19.6	0	20.1
	64QAM	75	0	19.8	19.7	19.7	0	20.6	19.8	19.7	19.7	0	20.1
		1	0	19.6	19.4	19.3	0	20.6	19.6	19.4	19.3	0	20.1
		1	37	19.6	19.4	19.3	0	20.6	19.6	19.4	19.3	0	20.1
		1	74	19.5	19.4	19.3	0	20.6	19.5	19.4	19.3	0	20.1
		36	0	19.6	19.3	19.2	0.2	20.4	19.6	19.3	19.2	0	20.1
		36	20	19.5	19.3	19.2	0.2	20.4	19.5	19.3	19.2	0	20.1
	256QAM	36	39	19.5	19.4	19.3	0.2	20.4	19.5	19.4	19.3	0	20.1
		75	0	19.5	19.4	19.3	0.2	20.4	19.5	19.4	19.3	0	20.1
		1	0	18.1	18.0	17.9	2.2	18.4	18.1	18.0	17.9	1.7	18.4
		1	37	18.1	18.1	17.9	2.2	18.4	18.1	18.1	17.9	1.7	18.4
		1	74	18.1	18.1	17.9	2.2	18.4	18.1	18.1	17.9	1.7	18.4
		36	0	18.2	18.0	17.8	2.2	18.4	18.2	18.0	17.8	1.7	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	19.7	19.8	19.7	0	20.6	19.7	19.8	19.7	0	20.1
		1	25	19.8	19.8	19.7	0	20.6	19.8	19.8	19.7	0	20.1
		1	49	19.8	19.7	19.6	0	20.6	19.8	19.7	19.6	0	20.1
		25	0	19.8	19.8	19.8	0	20.6	19.8	19.8	19.8	0	20.1
		25	12	19.9	19.9	19.8	0	20.6	19.9	19.9	19.8	0	20.1
		25	25	19.8	19.8	19.7	0	20.6	19.8	19.8	19.7	0	20.1
	16QAM	50	0	19.8	19.8	19.7	0	20.6	19.8	19.8	19.7	0	20.1
		1	0	20.0	20.1	20.0	0	20.6	20.0	20.1	20.0	0	20.1
		1	25	20.1	20.0	20.0	0	20.6	20.1	20.0	20.0	0	20.1
		1	49	20.0	20.1	20.0	0	20.6	20.0	20.1	20.0	0	20.1
		25	0	19.9	19.8	19.8	0	20.6	19.9	19.8	19.8	0	20.1
		25	12	19.9	19.9	19.8	0	20.6	19.9	19.9	19.8	0	20.1
	64QAM	25	25	19.9	19.9	19.8	0	20.6	19.9	19.9	19.8	0	20.1
		50	0	19.9	19.8	19.7	0	20.6	19.9	19.8	19.7	0	20.1
		1	0	19.8	19.6	19.4	0	20.6	19.8	19.6	19.4	0	20.1
		1	25	19.9	19.7	19.5	0	20.6	19.9	19.7	19.5	0	20.1
		1	49	19.8	19.6	19.3	0	20.6	19.8	19.6	19.3	0	20.1
		25	0	19.7	19.4	19.3	0.2	20.4	19.7	19.4	19.3	0	20.1
	256QAM	25	12	19.7	19.5	19.4	0.2	20.4	19.7	19.5	19.4	0	20.1
		25	25	19.7	19.5	19.4	0.2	20.4	19.7	19.5	19.4	0	20.1
		50	0	19.7	19.5	19.4	0.2	20.4	19.7	19.5	19.4	0	20.1
		1	0	18.4	18.2	18.0	2.2	18.4	18.4	18.2	18.0	1.7	18.4
		1	25	18.4	18.3	18.2	2.2	18.4	18.4	18.3	18.2	1.7	18.4
		1	49	18.3	18.3	18.1	2.2	18.4	18.3	18.3	18.1	1.7	18.4
		25	0	18.3	18.1	17.9	2.2	18.4	18.3	18.1	17.9	1.7	18.4
		25	12	18.3	18.1	18.0	2.2	18.4	18.3	18.1	18.0	1.7	18.4
		25	25	18.3	18.1	18.0	2.2	18.4	18.3	18.1	18.0	1.7	18.4
		50	0	18.3	18.1	18.0	2.2	18.4	18.3	18.1	18.0	1.7	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	19.7	19.7	19.7	0	20.6	19.7	19.7	19.7	0	20.1
		1	12	19.8	19.8	19.7	0	20.6	19.8	19.8	19.7	0	20.1
		1	24	19.7	19.7	19.6	0	20.6	19.7	19.7	19.6	0	20.1
		12	0	19.8	19.8	19.7	0	20.6	19.8	19.8	19.7	0	20.1
		12	7	19.9	19.8	19.8	0	20.6	19.9	19.8	19.8	0	20.1
		12	13	19.9	19.8	19.7	0	20.6	19.9	19.8	19.7	0	20.1
	16QAM	25	0	19.8	19.8	19.7	0	20.6	19.8	19.8	19.7	0	20.1
		1	0	20.2	20.1	20.1	0	20.6	20.0	20.1	20.1	0	20.1
		1	12	20.3	20.2	20.2	0	20.6	20.0	20.0	20.0	0	20.1
		1	24	20.2	20.1	20.1	0	20.6	20.0	20.1	20.1	0	20.1
		12	0	19.9	19.9	19.7	0	20.6	19.9	19.9	19.7	0	20.1
		12	7	19.9	19.9	19.8	0	20.6	19.9	19.9	19.8	0	20.1
	64QAM	12	13	19.9	19.9	19.8	0	20.6	19.9	19.9	19.8	0	20.1
		25	0	19.9	19.9	19.7	0	20.6	19.9	19.9	19.7	0	20.1
		1	0	19.9	19.6	19.4	0	20.6	19.9	19.6	19.4	0	20.1
		1	12	19.9	19.8	19.5	0	20.6	19.9	19.8	19.5	0	20.1
		1	24	19.8	19.7	19.5	0	20.6	19.8	19.7	19.5	0	20.1
		12	0	19.7	19.4	19.3	0.2	20.4	19.7	19.4	19.3	0	20.1
	256QAM	12	7	19.7	19.5	19.4	0.2	20.4	19.7	19.5	19.4	0	20.1
		12	13	19.7	19.5	19.3	0.2	20.4	19.7	19.5	19.3	0	20.1
		25	0	19.7	19.5	19.3	0.2	20.4	19.7	19.5	19.3	0	20.1
		1	0	18.4	18.1	18.0	2.2	18.4	18.4	18.1	18.0	1.7	18.4
		1	12	18.4	18.3	18.1	2.2	18.4	18.4	18.3	18.1	1.7	18.4
		1	24	18.4	18.2	18.1	2.2	18.4	18.4	18.2	18.1	1.7	18.4
		12	0	18.3	18.0	17.9	2.2	18.4	18.3	18.0	17.9	1.7	18.4
		12	7	18.3	18.1	18.0	2.2	18.4	18.3	18.1	18.0	1.7	18.4
		12	13	18.3	18.1	18.0	2.2	18.4	18.3	18.1	18.0	1.7	18.4
		25	0	18.3	18.1	17.9	2.2	18.4	18.3	18.1	17.9	1.7	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	19.7	19.6	19.6	0	20.6	19.7	19.6	19.6	0	20.1
		1	8	19.8	19.7	19.7	0	20.6	19.8	19.7	19.7	0	20.1
		1	14	19.7	19.6	19.6	0	20.6	19.7	19.6	19.6	0	20.1
		8	0	19.8	19.7	19.7	0	20.6	19.8	19.7	19.7	0	20.1
		8	4	19.8	19.8	19.7	0	20.6	19.8	19.8	19.7	0	20.1
		8	7	19.8	19.8	19.7	0	20.6	19.8	19.8	19.7	0	20.1
	16QAM	15	0	19.8	19.7	19.7	0	20.6	19.8	19.7	19.7	0	20.1
		1	0	20.0	20.1	20.0	0	20.6	20.0	20.1	20.0	0	20.1
		1	8	20.1	20.2	20.0	0	20.6	20.1	20.0	20.0	0	20.1
		1	14	20.1	20.1	20.0	0	20.6	20.1	20.1	20.0	0	20.1
		8	0	19.8	19.8	19.8	0	20.6	19.8	19.8	19.8	0	20.1
		8	4	19.9	19.9	19.8	0	20.6	19.9	19.9	19.8	0	20.1
	64QAM	8	7	19.9	19.9	19.8	0	20.6	19.9	19.9	19.8	0	20.1
		15	0	19.8	19.8	19.7	0	20.6	19.8	19.8	19.7	0	20.1
		1	0	19.9	19.6	19.4	0	20.6	19.9	19.6	19.4	0	20.1
		1	8	19.9	19.6	19.5	0	20.6	19.9	19.6	19.5	0	20.1
		1	14	19.9	19.6	19.4	0	20.6	19.9	19.6	19.4	0	20.1
		8	0	19.7	19.4	19.4	0.2	20.4	19.7	19.4	19.4	0	20.1
	256QAM	8	4	19.7	19.5	19.4	0.2	20.4	19.7	19.5	19.4	0	20.1
		8	7	19.7	19.5	19.4	0.2	20.4	19.7	19.5	19.4	0	20.1
		15	0	19.7	19.5	19.4	0.2	20.4	19.7	19.5	19.4	0	20.1
		1	0	18.4	18.1	17.9	2.2	18.4	18.4	18.1	17.9	1.7	18.4
		1	8	18.4	18.3	18.1	2.2	18.4	18.4	18.3	18.1	1.7	18.4
		1	14	18.4	18.2	18.0	2.2	18.4	18.4	18.2	18.0	1.7	18.4
		8	0	18.3	18.0	18.0	2.2	18.4	18.3	18.0	18.0	1.7	18.4
		8	4	18.4	18.1	18.0	2.2	18.4	18.4	18.1	18.0	1.7	18.4
		8	7	18.3	18.2	18.0	2.2	18.4	18.3	18.2	18.0	1.7	18.4
		15	0	18.3	18.1	17.9	2.2	18.4	18.3	18.1	17.9	1.7	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	19.7	19.6	19.6	0	20.6	19.7	19.6	19.6	0	20.1
		1	3	19.7	19.7	19.7	0	20.6	19.7	19.7	19.7	0	20.1
		1	5	19.7	19.7	19.6	0	20.6	19.7	19.7	19.6	0	20.1
		3	0	19.8	19.7	19.7	0	20.6	19.8	19.7	19.7	0	20.1
		3	1	19.7	19.7	19.7	0	20.6	19.7	19.7	19.7	0	20.1
		3	3	19.7	19.7	19.7	0	20.6	19.7	19.7	19.7	0	20.1
	16QAM	6	0	19.7	19.7	19.7	0	20.6	19.7	19.7	19.7	0	20.1
		1	0	20.1	19.9	20.0	0	20.6	20.1	19.9	20.0	0	20.1
		1	3	20.1	19.9	20.0	0	20.6	20.1	19.9	20.0	0	20.1
		1	5	20.1	19.9	20.0	0	20.6	20.1	19.9	20.0	0	20.1
		3	0	19.9	19.8	19.8	0	20.6	19.9	19.8	19.8	0	20.1
		3	1	19.9	19.9	19.8	0	20.6	19.9	19.9	19.8	0	20.1
	64QAM	3	3	19.9	19.9	19.8	0	20.6	19.9	19.9	19.8	0	20.1
		6	0	19.8	19.8	19.7	0	20.6	19.8	19.8	19.7	0	20.1
		1	0	19.9	19.6	19.3	0	20.6	19.9	19.6	19.3	0	20.1
		1	3	19.8	19.5	19.3	0	20.6	19.8	19.5	19.3	0	20.1
		1	5	19.9	19.7	19.3	0	20.6	19.9	19.7	19.3	0	20.1
		3	0	19.6	19.5	19.4	0	20.6	19.6	19.5	19.4	0	20.1
	256QAM	3	1	19.6	19.5	19.5	0	20.6	19.6	19.5	19.5	0	20.1
		3	3	19.6	19.5	19.4	0	20.6	19.6	19.5	19.4	0	20.1
		6	0	19.7	19.4	19.3	0.2	20.4	19.7	19.4	19.3	0	20.1
		1	0	18.4	18.3	18.0	2.2	18.4	18.4	18.3	18.0	1.7	18.4
		1	3	18.4	18.2	18.1	2.2	18.4	18.4	18.2	18.1	1.7	18.4
		1	5	18.4	18.2	18.0	2.2	18.4	18.4	18.2	18.0	1.7	18.4
		3	0	18.3	18.1	17.9	2.2	18.4	18.3	18.1	17.9	1.7	18.4
		3	1	18.4	18.1	17.9	2.2	18.4	18.4	18.1	17.9	1.7	18.4
		3	3	18.4	18.1	17.9	2.2	18.4	18.4	18.1	17.9	1.7	18.4
		6	0	18.3	18.0	18.0	2.2	18.4	18.3	18.0	18.0	1.7	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	23.0	22.9	23.0	0	23.3	21.4	21.3	21.4	0	21.9
		1	49	23.2	23.1	23.0	0	23.3	21.8	21.5	21.5	0	21.9
		1	99	22.9	22.9	23.0	0	23.3	21.3	21.3	21.4	0	21.9
		50	0	23.1	23.1	23.0	0	23.3	21.4	21.4	21.4	0	21.9
		50	24	23.3	23.1	23.1	0	23.3	21.7	21.6	21.6	0	21.9
		50	50	23.1	23.1	23.1	0	23.3	21.5	21.4	21.5	0	21.9
		100	0	23.2	23.2	23.2	0	23.3	21.7	21.7	21.7	0	21.9
	16QAM	1	0	23.2	23.3	22.8	0	23.3	21.6	21.7	21.8	0	21.9
		1	49	23.3	23.3	23.3	0	23.3	21.7	21.8	21.8	0	21.9
		1	99	23.1	23.3	22.8	0	23.3	21.5	21.7	21.8	0	21.9
		50	0	23.1	23.1	23.0	0	23.3	21.5	21.4	21.4	0	21.9
		50	24	23.2	23.0	23.1	0	23.3	21.6	21.5	21.5	0	21.9
		50	50	23.1	23.1	23.1	0	23.3	21.5	21.5	21.5	0	21.9
		100	0	23.1	23.0	23.0	0	23.3	21.5	21.4	21.4	0	21.9
	64QAM	1	0	23.1	23.1	23.1	0	23.3	21.5	21.5	21.5	0	21.9
		1	49	23.2	23.3	23.2	0	23.3	21.6	21.7	21.6	0	21.9
		1	99	23.1	23.1	23.1	0	23.3	21.5	21.4	21.5	0	21.9
		50	0	22.2	22.2	22.2	0.8	22.5	21.3	21.4	21.4	0	21.9
		50	24	22.3	22.2	22.2	0.8	22.5	21.5	21.4	21.3	0	21.9
		50	50	22.3	22.3	22.2	0.8	22.5	21.4	21.5	21.4	0	21.9
		100	0	22.3	22.2	22.2	0.8	22.5	21.5	21.4	21.4	0	21.9
	256QAM	1	0	20.3	20.3	20.2	2.8	20.5	20.3	20.2	20.1	1.4	20.5
		1	49	20.4	20.5	20.3	2.8	20.5	20.3	20.3	20.0	1.4	20.5
		1	99	20.4	20.4	20.3	2.8	20.5	20.4	20.3	20.1	1.4	20.5
		50	0	20.2	20.2	20.2	2.8	20.5	20.1	20.1	20.0	1.4	20.5
		50	24	20.3	20.2	20.2	2.8	20.5	20.2	20.1	19.9	1.4	20.5
		50	50	20.3	20.3	20.2	2.8	20.5	20.2	20.2	19.9	1.4	20.5
		100	0	20.3	20.2	20.2	2.8	20.5	20.2	20.1	19.9	1.4	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	22.9	23.1	22.9	0	23.3	21.4	21.4	21.3	0	21.9
		1	37	22.9	23.1	23.0	0	23.3	21.4	21.5	21.3	0	21.9
		1	74	22.9	23.1	23.0	0	23.3	21.4	21.4	21.3	0	21.9
		36	0	23.0	23.1	23.0	0	23.3	21.5	21.4	21.4	0	21.9
		36	20	23.1	23.0	23.1	0	23.3	21.6	21.4	21.5	0	21.9
		36	39	23.0	23.1	23.1	0	23.3	21.6	21.5	21.5	0	21.9
		75	0	23.1	23.1	23.2	0	23.3	21.6	21.4	21.5	0	21.9
	16QAM	1	0	23.3	23.2	23.2	0	23.3	21.6	21.6	21.6	0	21.9
		1	37	23.2	23.2	23.3	0	23.3	21.8	21.6	21.7	0	21.9
		1	74	23.3	23.3	23.2	0	23.3	21.8	21.8	21.7	0	21.9
		36	0	23.0	23.1	23.0	0	23.3	21.5	21.5	21.4	0	21.9
		36	20	23.1	23.1	23.1	0	23.3	21.6	21.4	21.5	0	21.9
		36	39	23.1	23.1	23.1	0	23.3	21.5	21.5	21.5	0	21.9
		75	0	23.1	23.1	23.1	0	23.3	21.6	21.5	21.5	0	21.9
	64QAM	1	0	23.1	23.1	23.1	0	23.3	21.4	21.4	21.4	0	21.9
		1	37	23.1	23.2	23.2	0	23.3	21.4	21.5	21.5	0	21.9
		1	74	23.2	23.2	23.1	0	23.3	21.4	21.4	21.3	0	21.9
		36	0	22.2	22.2	22.1	0.8	22.5	21.3	21.3	21.2	0	21.9
		36	20	22.3	22.2	22.2	0.8	22.5	21.4	21.3	21.3	0	21.9
		36	39	22.3	22.3	22.2	0.8	22.5	21.4	21.4	21.3	0	21.9
		75	0	22.3	22.2	22.2	0.8	22.5	21.4	21.4	21.3	0	21.9
	256QAM	1	0	20.2	20.3	20.3	2.8	20.5	20.1	20.2	20.0	1.4	20.5
		1	37	20.3	20.4	20.3	2.8	20.5	20.2	20.2	20.1	1.4	20.5
		1	74	20.3	20.5	20.3	2.8	20.5	20.2	20.2	20.1	1.4	20.5
		36	0	20.2	20.2	20.2	2.8	20.5	20.0	20.0	20.0	1.4	20.5
		36	20	20.3	20.2	20.2	2.8	20.5	20.1	20.0	20.0	1.4	20.5
		36	39	20.3	20.3	20.2	2.8	20.5	20.1	20.1	20.0	1.4	20.5
		75	0	20.3	20.2	20.2	2.8	20.5	20.1	20.0	20.0	1.4	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	23.1	23.1	23.1	0	23.3	21.5	21.5	21.6	0	21.9
		1	25	23.1	23.1	23.1	0	23.3	21.6	21.5	21.5	0	21.9
		1	49	23.1	23.1	23.1	0	23.3	21.5	21.5	21.5	0	21.9
		25	0	23.1	23.1	23.1	0	23.3	21.5	21.5	21.5	0	21.9
		25	12	23.2	23.1	23.2	0	23.3	21.6	21.5	21.6	0	21.9
		25	25	23.2	23.2	23.2	0	23.3	21.6	21.6	21.6	0	21.9
	16QAM	50	0	23.1	23.1	23.2	0	23.3	21.6	21.5	21.6	0	21.9
		1	0	23.3	23.2	23.2	0	23.3	21.8	21.8	21.8	0	21.9
		1	25	23.2	23.2	23.3	0	23.3	21.8	21.7	21.7	0	21.9
		1	49	23.3	23.2	23.3	0	23.3	21.8	21.7	21.7	0	21.9
		25	0	23.1	23.1	23.1	0	23.3	21.6	21.6	21.6	0	21.9
		25	12	23.2	23.1	23.2	0	23.3	21.7	21.6	21.7	0	21.9
	64QAM	25	25	23.2	23.2	23.2	0	23.3	21.6	21.6	21.7	0	21.9
		50	0	23.1	23.1	23.2	0	23.3	21.6	21.5	21.7	0	21.9
		1	0	23.3	23.3	23.3	0	23.3	21.6	21.6	21.6	0	21.9
		1	25	23.2	23.2	23.3	0	23.3	21.7	21.6	21.6	0	21.9
		1	49	23.3	23.3	23.2	0	23.3	21.7	21.5	21.6	0	21.9
		25	0	22.3	22.3	22.3	0.8	22.5	21.4	21.5	21.4	0	21.9
5	QPSK	25	12	22.4	22.4	22.4	0.8	22.5	21.5	21.5	21.5	0	21.9
		25	25	22.4	22.4	22.4	0.8	22.5	21.5	21.5	21.5	0	21.9
		50	0	22.4	22.3	22.4	0.8	22.5	21.5	21.5	21.4	0	21.9
	16QAM	1	0	20.4	20.4	20.4	2.8	20.5	20.2	20.3	20.2	1.4	20.5
		1	25	20.5	20.5	20.5	2.8	20.5	20.3	20.4	20.3	1.4	20.5
		1	49	20.5	20.5	20.5	2.8	20.5	20.4	20.3	20.3	1.4	20.5
		25	0	20.3	20.4	20.3	2.8	20.5	20.1	20.1	20.0	1.4	20.5
		25	12	20.4	20.4	20.4	2.8	20.5	20.2	20.2	20.1	1.4	20.5
		25	25	20.4	20.4	20.3	2.8	20.5	20.2	20.2	20.1	1.4	20.5
	64QAM	50	0	20.4	20.3	20.3	2.8	20.5	20.2	20.1	20.1	1.4	20.5
		1	0	20.4	20.4	20.4	2.8	20.5	20.2	20.3	20.2	1.4	20.5
		1	12	20.5	20.4	20.4	2.8	20.5	20.2	20.4	20.4	1.4	20.5
		1	24	20.4	20.5	20.5	2.8	20.5	20.2	20.3	20.3	1.4	20.5
		12	0	20.4	20.3	20.3	2.8	20.5	20.2	20.1	20.0	1.4	20.5
		12	7	20.4	20.4	20.4	2.8	20.5	20.2	20.2	20.1	1.4	20.5
	256QAM	12	13	20.4	20.4	20.4	2.8	20.5	20.1	20.2	20.1	1.4	20.5
		25	0	20.4	20.4	20.3	2.8	20.5	20.1	20.1	20.1	1.4	20.5
		1	0	23.0	23.0	23.1	0	23.3	21.5	21.5	21.5	0	21.9
		1	12	23.1	23.1	23.1	0	23.3	21.5	21.5	21.6	0	21.9
		1	24	23.0	23.0	23.1	0	23.3	21.5	21.5	21.5	0	21.9
		12	0	23.1	23.1	23.1	0	23.3	21.6	21.5	21.5	0	21.9
5	QPSK	12	7	23.1	23.1	23.2	0	23.3	21.6	21.5	21.6	0	21.9
		12	13	23.1	23.1	23.2	0	23.3	21.5	21.6	21.6	0	21.9
		25	0	23.1	23.1	23.2	0	23.3	21.6	21.5	21.6	0	21.9
	16QAM	1	0	23.2	23.2	23.3	0	23.3	21.7	21.8	21.7	0	21.9
		1	12	23.3	23.3	23.3	0	23.3	21.8	21.8	21.8	0	21.9
		1	24	23.2	23.2	23.1	0	23.3	21.7	21.7	21.7	0	21.9
		12	0	23.2	23.1	23.2	0	23.3	21.6	21.6	21.6	0	21.9
		12	7	23.2	23.1	23.3	0	23.3	21.6	21.6	21.7	0	21.9
		12	13	23.2	23.2	23.3	0	23.3	21.6	21.7	21.7	0	21.9
	64QAM	25	0	23.1	23.1	23.2	0	23.3	21.6	21.5	21.6	0	21.9
		1	0	23.2	23.3	23.3	0	23.3	21.5	21.6	21.5	0	21.9
		1	12	23.3	23.3	23.3	0	23.3	21.6	21.6	21.6	0	21.9
		1	24	23.2	23.3	23.3	0	23.3	21.5	21.6	21.5	0	21.9
		12	0	22.4	22.3	22.3	0.8	22.5	21.5	21.4	21.4	0	21.9
		12	7	22.4	22.4	22.4	0.8	22.5	21.5	21.5	21.5	0	21.9
	256QAM	12	13	22.3	22.4	22.4	0.8	22.5	21.5	21.5	21.4	0	21.9
		25	0	22.4	22.3	22.3	0.8	22.5	21.5	21.4	21.4	0	21.9
		1	0	20.4	20.4	20.5	2.8	20.5	20.2	20.3	20.2	1.4	20.5
		1	12	20.5	20.4	20.4	2.8	20.5	20.2	20.4	20.4	1.4	20.5
		1	24	20.4	20.5	20.5	2.8	20.5	20.2	20.3	20.3	1.4	20.5
		12	0	20.4	20.3	20.3	2.8	20.5	20.2	20.1	20.0	1.4	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	23.1	23.1	23.1	0	23.3	21.5	21.4	21.4	0	21.9
		1	8	23.2	23.2	23.2	0	23.3	21.6	21.6	21.6	0	21.9
		1	14	23.1	23.1	23.1	0	23.3	21.5	21.4	21.5	0	21.9
		8	0	23.2	23.2	23.1	0	23.3	21.6	21.5	21.5	0	21.9
		8	4	23.3	23.3	23.2	0	23.3	21.7	21.6	21.5	0	21.9
		8	7	23.3	23.2	23.2	0	23.3	21.7	21.6	21.5	0	21.9
	16QAM	15	0	23.2	23.1	23.1	0	23.3	21.6	21.5	21.5	0	21.9
		1	0	23.1	23.2	23.2	0	23.3	21.8	21.8	21.8	0	21.9
		1	8	23.3	23.3	23.3	0	23.3	21.7	21.8	21.6	0	21.9
		1	14	23.1	23.2	23.2	0	23.3	21.7	21.7	21.6	0	21.9
		8	0	23.3	23.2	23.2	0	23.3	21.6	21.6	21.6	0	21.9
		8	4	23.3	23.3	23.2	0	23.3	21.6	21.7	21.6	0	21.9
	64QAM	8	7	23.3	23.3	23.2	0	23.3	21.6	21.7	21.6	0	21.9
		15	0	23.2	23.1	23.1	0	23.3	21.6	21.5	21.5	0	21.9
		1	0	23.3	23.3	23.3	0	23.3	21.5	21.6	21.6	0	21.9
		1	8	23.3	23.3	23.3	0	23.3	21.6	21.7	21.7	0	21.9
		1	14	23.3	23.3	23.3	0	23.3	21.5	21.6	21.6	0	21.9
		8	0	22.4	22.4	22.3	0.8	22.5	21.5	21.5	21.4	0	21.9
	256QAM	8	4	22.5	22.5	22.3	0.8	22.5	21.5	21.6	21.4	0	21.9
		8	7	22.4	22.5	22.3	0.8	22.5	21.6	21.6	21.4	0	21.9
		15	0	22.3	22.3	22.3	0.8	22.5	21.5	21.5	21.4	0	21.9
		1	0	20.4	20.4	20.3	2.8	20.5	20.1	20.3	20.2	1.4	20.5
		1	8	20.5	20.4	20.4	2.8	20.5	20.4	20.4	20.3	1.4	20.5
		1	14	20.4	20.5	20.4	2.8	20.5	20.2	20.3	20.2	1.4	20.5
		8	0	20.4	20.4	20.3	2.8	20.5	20.2	20.1	20.1	1.4	20.5
		8	4	20.4	20.5	20.3	2.8	20.5	20.2	20.3	20.1	1.4	20.5
		8	7	20.4	20.5	20.3	2.8	20.5	20.3	20.3	20.1	1.4	20.5
		15	0	20.4	20.4	20.3	2.8	20.5	20.2	20.1	20.0	1.4	20.5
		1	0	20.4	20.4	20.3	2.8	20.5	20.2	20.1	20.0	1.4	20.5
		1	8	20.5	20.4	20.4	2.8	20.5	20.4	20.4	20.3	1.4	20.5
		1	14	20.4	20.5	20.4	2.8	20.5	20.2	20.3	20.2	1.4	20.5
		8	0	20.4	20.4	20.3	2.8	20.5	20.2	20.1	20.1	1.4	20.5
		8	4	20.4	20.5	20.3	2.8	20.5	20.2	20.3	20.1	1.4	20.5
		8	7	20.4	20.5	20.3	2.8	20.5	20.3	20.3	20.1	1.4	20.5
		15	0	20.4	20.4	20.3	2.8	20.5	20.2	20.1	20.0	1.4	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	23.2	23.1	23.2	0	23.3	21.6	21.6	21.6	0	21.9
		1	3	23.2	23.1	23.2	0	23.3	21.6	21.6	21.6	0	21.9
		1	5	23.2	23.1	23.2	0	23.3	21.5	21.5	21.6	0	21.9
		3	0	23.2	23.2	23.3	0	23.3	21.6	21.6	21.6	0	21.9
		3	1	23.2	23.2	23.3	0	23.3	21.6	21.6	21.6	0	21.9
		3	3	23.2	23.2	23.3	0	23.3	21.6	21.6	21.6	0	21.9
	16QAM	6	0	23.2	23.2	23.2	0	23.3	21.6	21.6	21.6	0	21.9
		1	0	23.2	23.1	23.2	0	23.3	21.8	21.8	21.8	0	21.9
		1	3	23.3	23.1	23.3	0	23.3	21.8	21.8	21.8	0	21.9
		1	5	23.3	23.1	23.2	0	23.3	21.8	21.8	21.8	0	21.9
		3	0	23.1	23.3	23.0	0	23.3	21.7	21.7	21.8	0	21.9
		3	1	23.3	23.3	23.1	0	23.3	21.8	21.7	21.7	0	21.9
	64QAM	3	3	23.1	23.3	23.1	0	23.3	21.7	21.7	21.8	0	21.9
		6	0	23.3	23.3	23.3	0	23.3	21.7	21.6	21.7	0	21.9
		1	0	23.3	23.3	23.3	0	23.3	21.5	21.7	21.6	0	21.9
		1	3	23.3	23.3	23.3	0	23.3	21.5	21.7	21.7	0	21.9
		1	5	23.3	23.3	23.3	0	23.3	21.5	21.7	21.7	0	21.9
		3	0	23.3	23.3	23.2	0	23.3	21.5	21.5	21.5	0	21.9
	256QAM	3	1	23.2	23.3	23.2	0	23.3	21.6	21.5	21.5	0	21.9
		3	3	23.2	23.3	23.2	0	23.3	21.6	21.5	21.5	0	21.9
		6	0	22.3	22.4	22.4	0.8	22.5	21.5	21.5	21.4	0	21.9
		1	0	20.4	20.5	20.5	2.8	20.5	20.3	20.2	20.2	1.4	20.5
		1	3	20.5	20.5	20.5	2.8	20.5	20.3	20.3	20.3	1.4	20.5
		1	5	20.4	20.5	20.5	2.8	20.5	20.3	20.2	20.2	1.4	20.5
	256QAM	3	0	20.3	20.5	20.4	2.8	20.5	20.1	20.2	20.1	1.4	20.5
		3	1	20.4	20.5	20.4	2.8	20.5	20.2	20.2	20.2	1.4	20.5
		3	3	20.4	20.5	20.4	2.8	20.5	20.2	20.2	20.2	1.4	20.5
		6	0	20.4	20.3	20.4	2.8	20.5	20.3	20.1	20.2	1.4	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	19.9	19.9	20.0	0	21.1	20.9	21.0	20.8	0	21.3
		1	49	19.9	20.0	20.1	0	21.1	21.0	21.0	21.0	0	21.3
		1	99	19.9	20.0	20.0	0	21.1	21.0	21.0	20.9	0	21.3
		50	0	20.1	20.0	20.1	0	21.1	20.9	21.1	21.1	0	21.3
		50	24	20.1	20.0	20.2	0	21.1	21.1	21.1	21.2	0	21.3
		50	50	20.1	20.0	20.2	0	21.1	21.0	21.1	21.1	0	21.3
	16QAM	100	0	20.1	20.1	20.1	0	21.1	21.1	21.1	21.1	0	21.3
		1	0	20.4	20.2	20.4	0	21.1	21.1	21.0	21.0	0	21.3
		1	49	20.1	20.3	20.4	0	21.1	21.0	21.0	21.2	0	21.3
		1	99	20.3	20.3	20.3	0	21.1	20.9	20.9	20.9	0	21.3
		50	0	20.1	20.0	20.1	0.2	20.9	20.9	20.7	20.7	0.4	20.9
		50	24	20.1	20.1	20.3	0.2	20.9	20.9	20.7	20.7	0.4	20.9
	64QAM	50	50	20.1	20.1	20.2	0.2	20.9	20.8	20.7	20.7	0.4	20.9
		100	0	20.1	20.1	20.2	0.2	20.9	20.9	20.7	20.7	0.4	20.9
		1	0	20.8	20.9	20.8	0.2	20.9	20.5	20.4	20.7	0.4	20.9
		1	49	20.8	20.8	20.8	0.2	20.9	20.5	20.6	20.8	0.4	20.9
		1	99	20.8	20.8	20.8	0.2	20.9	20.4	20.5	20.7	0.4	20.9
		50	0	19.8	19.8	19.8	1.2	19.9	19.5	19.5	19.6	1.4	19.9
15	QPSK	50	24	19.9	19.9	19.8	1.2	19.9	19.5	19.5	19.7	1.4	19.9
		50	50	19.8	19.8	19.9	1.2	19.9	19.5	19.6	19.7	1.4	19.9
		100	0	19.9	19.8	19.9	1.2	19.9	19.5	19.5	19.8	1.4	19.9
	16QAM	1	0	17.9	17.8	17.8	3.2	17.9	17.7	17.5	17.6	3.4	17.9
		1	49	17.9	17.8	17.8	3.2	17.9	17.5	17.6	17.7	3.4	17.9
		1	99	17.9	17.9	17.8	3.2	17.9	17.7	17.7	17.8	3.4	17.9
	64QAM	50	0	17.8	17.8	17.8	3.2	17.9	17.4	17.4	17.6	3.4	17.9
		50	24	17.9	17.8	17.8	3.2	17.9	17.5	17.5	17.8	3.4	17.9
		50	50	17.9	17.8	17.9	3.2	17.9	17.5	17.5	17.7	3.4	17.9
	256QAM	100	0	17.9	17.8	17.9	3.2	17.9	17.5	17.5	17.7	3.4	17.9
		1	0	20.0	20.0	20.0	0	21.1	20.8	20.7	20.6	0	21.3
	QPSK	1	37	20.0	20.0	20.1	0	21.1	20.8	20.7	20.6	0	21.3
		1	74	20.0	20.0	20.0	0	21.1	20.7	20.5	20.5	0	21.3
		36	0	20.1	20.0	20.1	0	21.1	20.9	20.7	20.7	0	21.3
		36	20	20.1	20.1	20.1	0	21.1	20.8	20.7	20.7	0	21.3
	16QAM	36	39	20.1	20.1	20.2	0	21.1	20.8	20.7	20.7	0	21.3
		75	0	20.2	20.1	20.1	0	21.1	20.9	20.8	20.7	0	21.3
	64QAM	1	0	19.7	20.4	20.4	0	21.1	21.3	21.0	20.9	0	21.3
		1	37	19.6	19.7	20.4	0	21.1	21.3	21.0	20.9	0	21.3
		1	74	19.7	20.3	20.3	0	21.1	21.2	21.0	20.9	0	21.3
		36	0	20.1	20.1	20.1	0.2	20.9	20.9	20.7	20.7	0.4	20.9
	256QAM	36	20	20.1	20.1	20.1	0.2	20.9	20.9	20.7	20.7	0.4	20.9
		36	39	20.2	20.1	20.2	0.2	20.9	20.8	20.8	20.7	0.4	20.9
		75	0	20.2	20.1	20.2	0.2	20.9	20.8	20.8	20.8	0.4	20.9
	64QAM	1	0	20.8	20.8	20.8	0.2	20.9	20.5	20.5	20.6	0.4	20.9
		1	37	20.9	20.9	20.9	0.2	20.9	20.4	20.5	20.6	0.4	20.9
		1	74	20.9	20.8	20.8	0.2	20.9	20.5	20.5	20.6	0.4	20.9
		36	0	19.8	19.8	19.9	1.2	19.9	19.5	19.4	19.6	1.4	19.9
	256QAM	36	20	19.8	19.9	19.8	1.2	19.9	19.5	19.4	19.6	1.4	19.9
		36	39	19.8	19.9	19.9	1.2	19.9	19.5	19.5	19.7	1.4	19.9
		75	0	19.8	19.8	19.9	1.2	19.9	19.5	19.5	19.7	1.4	19.9
	64QAM	1	0	17.8	17.8	17.8	3.2	17.9	17.5	17.5	17.7	3.4	17.9
		1	37	17.8	17.9	17.8	3.2	17.9	17.5	17.6	17.7	3.4	17.9
		1	74	17.8	17.8	17.8	3.2	17.9	17.4	17.6	17.8	3.4	17.9
	256QAM	36	0	17.8	17.8	17.8	3.2	17.9	17.5	17.4	17.6	3.4	17.9
		36	20	17.8	17.8	17.9	3.2	17.9	17.5	17.4	17.6	3.4	17.9
		36	39	17.9	17.8	17.8	3.2	17.9	17.5	17.5	17.7	3.4	17.9
		75	0	17.9	17.8	17.8	3.2	17.9	17.5	17.5	17.7	3.4	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	20.2	20.1	20.2	0	21.1	21.0	20.8	20.8	0	21.3
		1	25	20.2	20.2	20.3	0	21.1	21.0	20.8	20.8	0	21.3
		1	49	20.2	20.1	20.2	0	21.1	20.9	20.8	20.8	0	21.3
		25	0	20.3	20.2	20.2	0	21.1	21.1	20.8	20.8	0	21.3
		25	12	20.3	20.2	20.3	0	21.1	21.0	20.9	20.8	0	21.3
		25	25	20.3	20.3	20.3	0	21.1	21.0	20.9	20.9	0	21.3
	16QAM	50	0	20.3	20.2	20.2	0	21.1	21.0	20.8	20.8	0	21.3
		1	0	20.4	19.9	20.1	0	21.1	21.3	21.1	21.1	0	21.3
		1	25	19.6	20.0	20.1	0	21.1	21.3	21.2	21.1	0	21.3
		1	49	20.4	19.9	20.1	0	21.1	21.2	21.1	21.1	0	21.3
		25	0	20.3	20.2	20.2	0.2	20.9	20.9	20.8	20.8	0.4	20.9
		25	12	20.3	20.2	20.3	0.2	20.9	20.9	20.9	20.8	0.4	20.9
	64QAM	25	25	20.3	20.3	20.3	0.2	20.9	20.9	20.9	20.9	0.4	20.9
		50	0	20.2	20.1	20.2	0.2	20.9	20.9	20.8	20.8	0.4	20.9
		1	0	20.9	20.8	20.8	0.2	20.9	20.6	20.5	20.8	0.4	20.9
		1	25	20.8	20.8	20.8	0.2	20.9	20.7	20.6	20.8	0.4	20.9
		1	49	20.9	20.8	20.8	0.2	20.9	20.7	20.5	20.8	0.4	20.9
		25	0	19.9	19.8	19.9	1.2	19.9	19.6	19.6	19.8	1.4	19.9
5	QPSK	25	12	19.8	19.9	19.8	1.2	19.9	19.6	19.6	19.9	1.4	19.9
		25	25	19.8	19.8	19.8	1.2	19.9	19.6	19.7	19.9	1.4	19.9
		50	0	19.8	19.8	19.8	1.2	19.9	19.6	19.6	19.8	1.4	19.9
	16QAM	1	0	17.8	17.9	17.9	3.2	17.9	17.7	17.6	17.8	3.4	17.9
		1	25	17.8	17.8	17.9	3.2	17.9	17.8	17.8	17.9	3.4	17.9
		1	49	17.9	17.8	17.9	3.2	17.9	17.7	17.8	17.9	3.4	17.9
		25	0	17.8	17.9	17.9	3.2	17.9	17.6	17.6	17.8	3.4	17.9
		25	12	17.8	17.8	17.8	3.2	17.9	17.6	17.6	17.9	3.4	17.9
		25	25	17.8	17.9	17.8	3.2	17.9	17.6	17.7	17.9	3.4	17.9
	64QAM	50	0	17.9	17.8	17.8	3.2	17.9	17.6	17.6	17.9	3.4	17.9
		1	0	20.2	20.1	20.2	0	21.1	21.0	20.8	20.8	0	21.3
		1	12	20.3	20.2	20.3	0	21.1	21.2	20.9	20.9	0	21.3
		1	24	20.2	20.2	20.3	0	21.1	21.0	20.8	20.8	0	21.3
		12	0	20.3	20.2	20.3	0	21.1	21.0	20.8	20.8	0	21.3
		12	7	20.3	20.2	20.4	0	21.1	21.1	20.8	20.9	0	21.3
5	QPSK	12	13	20.3	20.3	20.4	0	21.1	21.1	20.9	20.9	0	21.3
		25	0	20.3	20.2	20.4	0	21.1	21.1	20.8	20.9	0	21.3
	16QAM	1	0	19.8	19.8	19.8	0	21.1	21.3	21.1	21.2	0	21.3
		1	12	19.9	19.9	19.9	0	21.1	21.3	21.2	21.3	0	21.3
		1	24	19.8	19.8	19.8	0	21.1	21.3	21.1	21.2	0	21.3
		12	0	20.3	20.1	20.3	0.2	20.9	20.9	20.8	20.9	0.4	20.9
	64QAM	12	7	20.4	20.2	20.0	0.2	20.9	20.9	20.9	20.9	0.4	20.9
		12	13	20.3	20.2	20.4	0.2	20.9	20.9	20.9	20.9	0.4	20.9
	256QAM	25	0	20.3	20.2	20.3	0.2	20.9	20.9	20.8	20.9	0.4	20.9
		1	0	20.8	20.8	20.9	0.2	20.9	20.7	20.6	20.8	0.4	20.9
		1	12	20.8	20.8	20.8	0.2	20.9	20.7	20.8	20.9	0.4	20.9
		1	24	20.8	20.8	20.8	0.2	20.9	20.6	20.7	20.9	0.4	20.9
		12	0	19.8	19.8	19.9	1.2	19.9	19.6	19.5	19.7	1.4	19.9
		12	7	19.8	19.8	19.8	1.2	19.9	19.6	19.6	19.9	1.4	19.9
5	QPSK	12	13	19.8	19.8	19.8	1.2	19.9	19.6	19.6	19.8	1.4	19.9
		25	0	19.9	19.8	19.8	1.2	19.9	19.6	19.5	19.8	1.4	19.9
	16QAM	1	0	17.8	17.8	17.8	3.2	17.9	17.7	17.6	17.9	3.4	17.9
		1	12	17.8	17.9	17.8	3.2	17.9	17.7	17.7	17.9	3.4	17.9
		1	24	17.9	17.8	17.9	3.2	17.9	17.7	17.7	17.9	3.4	17.9
		12	0	17.8	17.8	17.8	3.2	17.9	17.6	17.6	17.8	3.4	17.9
	64QAM	12	7	17.8	17.8	17.8	3.2	17.9	17.6	17.6	17.9	3.4	17.9
		12	13	17.8	17.8	17.8	3.2	17.9	17.6	17.6	17.9	3.4	17.9
		25	0	17.9	17.8	17.8	3.2	17.9	17.6	17.6	17.9	3.4	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	20.2	20.1	20.2	0	21.1	21.0	20.7	20.7	0	21.3
		1	8	20.3	20.2	20.3	0	21.1	21.1	20.8	20.8	0	21.3
		1	14	20.2	20.1	20.3	0	21.1	20.9	20.7	20.7	0	21.3
		8	0	20.2	20.2	20.3	0	21.1	21.1	20.8	20.8	0	21.3
		8	4	20.3	20.2	20.4	0	21.1	21.0	20.8	20.9	0	21.3
		8	7	20.3	20.2	20.4	0	21.1	21.0	20.8	20.9	0	21.3
	16QAM	15	0	20.3	20.2	20.3	0	21.1	21.0	20.8	20.8	0	21.3
		1	0	20.2	20.1	20.2	0	21.1	21.3	21.1	21.0	0	21.3
		1	8	20.3	20.1	20.2	0	21.1	21.3	21.2	21.1	0	21.3
		1	14	20.3	20.1	20.2	0	21.1	21.2	21.1	21.0	0	21.3
		8	0	20.3	20.2	20.3	0.2	20.9	20.9	20.8	20.8	0.4	20.9
		8	4	20.3	20.2	20.4	0.2	20.9	20.9	20.8	20.9	0.4	20.9
	64QAM	8	7	20.3	20.2	20.4	0.2	20.9	20.9	20.8	20.9	0.4	20.9
		15	0	20.2	20.2	20.3	0.2	20.9	20.9	20.8	20.8	0.4	20.9
		1	0	20.8	20.9	20.8	0.2	20.9	20.7	20.5	20.8	0.4	20.9
		1	8	20.8	20.8	20.8	0.2	20.9	20.7	20.7	20.9	0.4	20.9
		1	14	20.9	20.8	20.8	0.2	20.9	20.8	20.6	20.9	0.4	20.9
		8	0	19.8	19.8	19.8	1.2	19.9	19.6	19.5	19.8	1.4	19.9
	256QAM	8	4	19.9	19.9	19.8	1.2	19.9	19.6	19.6	19.9	1.4	19.9
		8	7	19.8	19.9	19.8	1.2	19.9	19.7	19.6	19.9	1.4	19.9
		15	0	19.8	19.8	19.9	1.2	19.9	19.6	19.5	19.8	1.4	19.9
		1	0	17.8	17.9	17.8	3.2	17.9	17.7	17.7	17.8	3.4	17.9
		1	8	17.8	17.9	17.8	3.2	17.9	17.8	17.7	17.9	3.4	17.9
		1	14	17.8	17.8	17.8	3.2	17.9	17.7	17.7	17.8	3.4	17.9
		8	0	17.8	17.9	17.8	3.2	17.9	17.7	17.6	17.8	3.4	17.9
		8	4	17.9	17.8	17.8	3.2	17.9	17.7	17.6	17.9	3.4	17.9
		8	7	17.9	17.8	17.8	3.2	17.9	17.7	17.6	17.9	3.4	17.9
		15	0	17.8	17.8	17.8	3.2	17.9	17.6	17.6	17.8	3.4	17.9
BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26047	26365	26590	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	20.2	20.1	20.2	0	21.1	20.7	20.7	20.7	0	21.3
		1	3	20.2	20.2	20.3	0	21.1	20.7	20.7	20.8	0	21.3
		1	5	20.2	20.2	20.2	0	21.1	20.7	20.7	20.8	0	21.3
		3	0	20.2	20.2	20.3	0	21.1	20.8	20.8	20.8	0	21.3
		3	1	20.2	20.2	20.3	0	21.1	20.7	20.7	20.8	0	21.3
		3	3	20.2	20.2	20.3	0	21.1	20.8	20.7	20.8	0	21.3
	16QAM	6	0	20.2	20.1	20.2	0	21.1	20.7	20.7	20.7	0	21.3
		1	0	20.4	20.1	20.2	0	21.1	21.0	21.0	20.9	0	21.3
		1	3	20.4	20.2	20.2	0	21.1	21.1	21.1	20.9	0	21.3
		1	5	20.3	20.3	20.3	0	21.1	21.1	21.1	20.9	0	21.3
		3	0	20.2	20.3	20.4	0	21.1	20.9	20.9	20.8	0	21.3
		3	1	20.2	20.3	20.4	0	21.1	20.9	20.9	20.8	0	21.3
	64QAM	3	3	20.2	20.3	20.4	0	21.1	20.9	20.9	20.9	0	21.3
		6	0	20.2	20.1	20.3	0.2	20.9	20.8	20.8	20.8	0.4	20.9
		1	0	20.8	20.9	20.8	0.2	20.9	20.7	20.4	20.9	0.4	20.9
		1	3	20.8	20.8	20.8	0.2	20.9	20.7	20.4	20.8	0.4	20.9
		1	5	20.8	20.9	20.9	0.2	20.9	20.7	20.5	20.9	0.4	20.9
		3	0	19.8	19.8	19.8	0.2	20.9	20.6	20.5	20.6	0.4	20.9
	256QAM	3	1	19.8	19.9	19.8	0.2	20.9	20.6	20.5	20.7	0.4	20.9
		3	3	19.8	19.8	19.9	0.2	20.9	20.6	20.5	20.7	0.4	20.9
		6	0	19.8	19.8	19.8	1.2	19.9	19.5	19.5	19.8	1.4	19.9
		1	0	17.8	17.9	17.9	3.2	17.9	17.6	17.5	17.9	3.4	17.9
		1	3	17.8	17.8	17.8	3.2	17.9	17.6	17.7	17.9	3.4	17.9
		1	5	17.9	17.8	17.9	3.2	17.9	17.6	17.7	17.9	3.4	17.9
		3	0	17.8	17.8	17.9	3.2	17.9	17.7	17.6	17.9	3.4	17.9
		3	1	17.8	17.9	17.8	3.2	17.9	17.7	17.6	17.9	3.4	17.9
		3	3	17.8	17.8	17.8	3.2	17.9	17.7	17.6	17.9	3.4	17.9
		6	0	17.8	17.8	17.8	3.2	17.9	17.8	17.6	17.9	3.4	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	25.2	25.2	25.2	0	25.7	25.2	25.2	25.2	0	25.7
		1	25	25.3	25.3	25.3	0	25.7	25.3	25.3	25.3	0	25.7
		1	49	25.3	25.3	25.2	0	25.7	25.3	25.3	25.2	0	25.7
		25	0	24.3	24.3	24.3	1	24.7	24.3	24.3	24.3	1	24.7
		25	12	24.4	24.4	24.4	1	24.7	24.4	24.4	24.4	1	24.7
		25	25	24.4	24.4	24.3	1	24.7	24.4	24.4	24.3	1	24.7
		50	0	24.3	24.3	24.3	1	24.7	24.3	24.3	24.3	1	24.7
	16QAM	1	0	24.6	24.7	24.6	1	24.7	24.6	24.7	24.6	1	24.7
		1	25	24.6	24.7	24.6	1	24.7	24.6	24.7	24.6	1	24.7
		1	49	24.5	24.6	24.6	1	24.7	24.5	24.6	24.6	1	24.7
		25	0	23.3	23.4	23.3	2	23.7	23.3	23.4	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	23.4	23.3	2	23.7	23.4	23.4	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	23.6	23.6	23.5	2	23.7	23.6	23.6	23.5	2	23.7
		1	25	23.6	23.6	23.5	2	23.7	23.6	23.6	23.5	2	23.7
		1	49	23.6	23.5	23.5	2	23.7	23.6	23.5	23.5	2	23.7
		25	0	22.3	22.3	22.3	3	22.7	22.3	22.3	22.3	3	22.7
		25	12	22.4	22.4	22.3	3	22.7	22.4	22.4	22.3	3	22.7
		25	25	22.4	22.4	22.3	3	22.7	22.4	22.4	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	20.6	20.5	5	20.7	20.6	20.6	20.5	5	20.7
		1	49	20.6	20.5	20.5	5	20.7	20.6	20.5	20.5	5	20.7
		25	0	20.4	20.4	20.3	5	20.7	20.4	20.4	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	20.4	20.4	5	20.7	20.4	20.4	20.4	5	20.7
		50	0	20.5	20.3	20.3	5	20.7	20.5	20.3	20.3	5	20.7
BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26715	26865	27015	MPR	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	25.2	25.3	25.2	0	25.7	25.2	25.3	25.2	0	25.7
		1	12	25.4	25.4	25.3	0	25.7	25.4	25.4	25.3	0	25.7
		1	24	25.3	25.3	25.2	0	25.7	25.3	25.3	25.2	0	25.7
		12	0	24.3	24.3	24.2	1	24.7	24.3	24.3	24.2	1	24.7
		12	7	24.4	24.3	24.3	1	24.7	24.4	24.3	24.3	1	24.7
		12	13	24.4	24.3	24.3	1	24.7	24.4	24.3	24.3	1	24.7
		25	0	24.4	24.3	24.2	1	24.7	24.4	24.3	24.2	1	24.7
	16QAM	1	0	24.7	24.7	24.6	1	24.7	24.7	24.7	24.6	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	24.6	24.7	1	24.7	24.7	24.6	24.7	1	24.7
		12	0	23.3	23.4	23.2	2	23.7	23.3	23.4	23.2	2	23.7
		12	7	23.4	23.4	23.3	2	23.7	23.4	23.4	23.3	2	23.7
		12	13	23.4	23.4	23.3	2	23.7	23.4	23.4	23.3	2	23.7
		25	0	23.3	23.3	23.2	2	23.7	23.3	23.3	23.2	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	23.5	23.5	2	23.7	23.6	23.5	23.5	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	22.3	22.2	3	22.7	22.4	22.3	22.2	3	22.7
		12	7	22.5	22.4	22.3	3	22.7	22.5	22.4	22.3	3	22.7
		12	13	22.4	22.4	22.3	3	22.7	22.4	22.4	22.3	3	22.7
		25	0	22.4	22.3	22.2	3	22.7	22.4	22.3	22.2	3	22.7
	256QAM	1	0	20.5	20.4	20.3	5	20.7	20.5	20.4	20.3	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	20.5	20.5	20.4	5	20.7	20.5	20.5	20.4	5	20.7
		12	0	20.4	20.4	20.3	5	20.7	20.4	20.4	20.3	5	20.7
		12	7	20.5	20.4	20.4	5	20.7	20.5	20.4	20.4	5	20.7
		12	13	20.5	20.4	20.3	5	20.7	20.5	20.4	20.3	5	20.7
		25	0	20.5	20.3	20.2	5	20.7	20.5	20.3	20.2	5	20.7

LTE Band 26 Measured Results (ANT1) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					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	25.2	25.3	25.2	0	25.7	25.2	25.3	25.2	0	25.7
		1	8	25.3	25.4	25.3	0	25.7	25.3	25.4	25.3	0	25.7
		1	14	25.2	25.3	25.1	0	25.7	25.2	25.3	25.1	0	25.7
		8	0	24.3	24.3	24.3	1	24.7	24.3	24.3	24.3	1	24.7
		8	4	24.4	24.3	24.3	1	24.7	24.4	24.3	24.3	1	24.7
		8	7	24.4	24.4	24.3	1	24.7	24.4	24.4	24.3	1	24.7
	16QAM	15	0	24.4	24.3	24.3	1	24.7	24.4	24.3	24.3	1	24.7
		1	0	24.5	24.7	24.6	1	24.7	24.5	24.7	24.6	1	24.7
		1	8	24.6	24.7	24.6	1	24.7	24.6	24.7	24.6	1	24.7
		1	14	24.5	24.7	24.5	1	24.7	24.5	24.7	24.5	1	24.7
		8	0	23.4	23.4	23.4	2	23.7	23.4	23.4	23.4	2	23.7
		8	4	23.4	23.4	23.4	2	23.7	23.4	23.4	23.4	2	23.7
	64QAM	8	7	23.4	23.5	23.4	2	23.7	23.4	23.5	23.4	2	23.7
		15	0	23.4	23.3	23.4	2	23.7	23.4	23.3	23.4	2	23.7
		1	0	23.5	23.2	23.2	2	23.7	23.5	23.2	23.2	2	23.7
		1	8	23.7	23.5	23.5	2	23.7	23.7	23.5	23.5	2	23.7
		1	14	23.7	23.4	23.5	2	23.7	23.7	23.4	23.5	2	23.7
		8	0	22.5	22.4	22.3	3	22.7	22.5	22.4	22.3	3	22.7
	256QAM	8	4	22.5	22.4	22.3	3	22.7	22.5	22.4	22.3	3	22.7
		8	7	22.5	22.5	22.3	3	22.7	22.5	22.5	22.3	3	22.7
		15	0	22.5	22.3	22.3	3	22.7	22.5	22.3	22.3	3	22.7
		1	0	20.4	20.4	20.4	5	20.7	20.4	20.4	20.4	5	20.7
		1	8	20.6	20.6	20.5	5	20.7	20.6	20.6	20.5	5	20.7
		1	14	20.5	20.5	20.4	5	20.7	20.5	20.5	20.4	5	20.7
1.4	QPSK	8	0	20.5	20.4	20.3	5	20.7	20.5	20.4	20.3	5	20.7
		8	4	20.5	20.4	20.4	5	20.7	20.5	20.4	20.4	5	20.7
		8	7	20.5	20.4	20.4	5	20.7	20.5	20.4	20.4	5	20.7
		15	0	20.5	20.3	20.3	5	20.7	20.5	20.3	20.3	5	20.7
		1	0	25.2	25.2	25.2	0	25.7	25.2	25.2	25.2	0	25.7
		1	3	25.3	25.4	25.3	0	25.7	25.3	25.4	25.3	0	25.7
	16QAM	1	5	25.3	25.3	25.3	0	25.7	25.3	25.3	25.3	0	25.7
		3	0	25.3	25.3	25.3	0	25.7	25.3	25.3	25.3	0	25.7
		3	1	25.3	25.3	25.3	0	25.7	25.3	25.3	25.3	0	25.7
		3	3	25.3	25.4	25.3	0	25.7	25.3	25.4	25.3	0	25.7
		6	0	24.3	24.3	24.3	1	24.7	24.3	24.3	24.3	1	24.7
		1	0	24.6	24.4	24.6	1	24.7	24.6	24.4	24.6	1	24.7
	64QAM	1	3	24.7	24.6	24.6	1	24.7	24.7	24.6	24.6	1	24.7
		1	5	24.7	24.6	24.6	1	24.7	24.7	24.6	24.6	1	24.7
		3	0	24.5	24.4	24.4	1	24.7	24.5	24.4	24.4	1	24.7
		3	1	24.5	24.5	24.4	1	24.7	24.5	24.5	24.4	1	24.7
		3	3	24.5	24.5	24.4	1	24.7	24.5	24.5	24.4	1	24.7
		6	0	23.4	23.4	23.3	2	23.7	23.4	23.4	23.3	2	23.7
	256QAM	1	0	23.6	23.2	23.4	2	23.7	23.6	23.2	23.4	2	23.7
		1	3	23.6	23.3	23.4	2	23.7	23.6	23.3	23.4	2	23.7
		1	5	23.7	23.3	23.4	2	23.7	23.7	23.3	23.4	2	23.7
		3	0	23.3	23.2	23.3	2	23.7	23.3	23.2	23.3	2	23.7
		3	1	23.3	23.3	23.4	2	23.7	23.3	23.3	23.4	2	23.7
		3	3	23.3	23.3	23.4	2	23.7	23.3	23.3	23.4	2	23.7
1.4	QPSK	6	0	22.4	22.3	22.3	3	22.7	22.4	22.3	22.3	3	22.7
		1	0	20.4	20.4	20.4	5	20.7	20.4	20.4	20.4	5	20.7
		1	3	20.5	20.6	20.4	5	20.7	20.5	20.6	20.4	5	20.7
		1	5	20.4	20.5	20.4	5	20.7	20.4	20.5	20.4	5	20.7
		3	0	20.5	20.4	20.3	5	20.7	20.5	20.4	20.3	5	20.7
		3	1	20.5	20.4	20.3	5	20.7	20.5	20.4	20.3	5	20.7
	16QAM	3	3	20.5	20.4	20.3	5	20.7	20.5	20.4	20.3	5	20.7
		6	0	20.3	20.1	20.4	5	20.7	20.3	20.1	20.4	5	20.7
		1	0	25.2	25.2	25.2	0	25.7	25.2	25.2	25.2	0	25.7
		1	3	25.3	25.4	25.3	0	25.7	25.3	25.4	25.3	0	25.7
		1	5	25.3	25.3	25.3	0	25.7	25.3	25.3	25.3	0	25.7
		3	0	25.3	25.3	25.3	0	25.7	25.3	25.3	25.3	0	25.7
	64QAM	3	1	25.3	25.3	25.3	0	25.7	25.3	25.3	25.3	0	25.7
		3	3	25.3	25.4	25.3	0	25.7	25.3	25.4	25.3	0	25.7
		6	0	24.3	24.3	24.3	1	24.7	24.3	24.3	24.3	1	24.7
		1	0	24.6	24.4	24.6	1	24.7	24.6	24.4	24.6	1	24.7
		1	3	24.7	24.6	24.6	1	24.7	24.7	24.6	24.6	1	24.7
		1	5	24.7	24.6	24.6	1	24.7	24.7	24.6	24.6	1	24.7
	256QAM	3	0	24.5	24.4	24.4	1	24.7	24.5	24.4	24.4	1	24.7
		3	1	24.5	24.5	24.4	1	24.7	24.5	24.5	24.4	1	24.7
		3	3	24.5	24.5	24.4	1	24.7	24.5	24.5	24.4	1	24.7
		6	0	23.4	23.4	23.3	2	23.7	23.4	23.4	23.3	2	23.7
		1	0	23.6	23.2	23.4	2	23.7	23.6	23.2	23.4	2	23.7
		1	3	23.6	23.3	23.4	2	23.7	23.6	23.3	23.4	2	23.7
	QPSK	1	5	23.7	23.3	23.4	2	23.7	23.7	23.3	23.4	2	23.7
		3	0	23.3	23.2	23.3	2	23.7	23.3	23.2	23.3	2	23.7
		3	1	23.3	23.3	23.4	2	23.7	23.3	23.3	23.4	2	23.7
		3	3	23.3	23.3	23.4	2	23.7	23.3	23.3	23.4	2	23.7
		6	0	22.4	22.3	22.3	3	22.7	22.4	22.3	22.3	3	22.7
		1	0	20.4	20.4	20.4	5	20.7	20.4	20.4	20.4	5	20.7
	16QAM	1	3	20.5	20.6	20.4	5	20.7	20.5	20.6	20.4	5	20.7
		1	5	20.4	20.5	20.4	5	20.7	20.4	20.5	20.4	5	20.7
		3	0	20.5	20.4	20.3	5	20.7	20.5	20.4	20.3	5	20.7
		3	1	20.5	20.4	20.3	5	20.7	20.5	20.4	20.3	5	20.7
		3	3	20.5	20.4	20.3	5	20.7	20.5	20.4	20.3	5	20.7
		6	0	20.3	20.1	20.4	5	20.7	20.3	20.1	20.4	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	23.8	23.9	23.8	0	24.5	24.0	24.1	24.1	0	24.7
		1	25	23.9	23.9	23.9	0	24.5	24.1	24.2	24.1	0	24.7
		1	49	23.8	23.9	23.8	0	24.5	24.1	24.1	24.0	0	24.7
		25	0	23.1	23.2	23.1	0.8	23.7	23.1	23.2	23.1	1	23.7
		25	12	23.2	23.3	23.1	0.8	23.7	23.2	23.3	23.1	1	23.7
		25	25	23.1	23.1	23.1	0.8	23.7	23.2	23.2	23.1	1	23.7
	16QAM	50	0	23.0	23.0	23.0	0.8	23.7	23.2	23.2	23.1	1	23.7
		1	0	23.3	23.4	23.3	0.8	23.7	23.3	23.4	23.3	1	23.7
		1	25	23.4	23.5	23.3	0.8	23.7	23.3	23.4	23.3	1	23.7
		1	49	23.4	23.3	23.2	0.8	23.7	23.3	23.4	23.2	1	23.7
		25	0	22.1	22.2	22.1	1.8	22.7	22.2	22.3	22.1	2	22.7
		25	12	22.2	22.2	22.1	1.8	22.7	22.3	22.3	22.1	2	22.7
	64QAM	25	25	22.2	22.3	22.1	1.8	22.7	22.3	22.3	22.1	2	22.7
		50	0	22.2	22.2	22.1	1.8	22.7	22.2	22.2	22.1	2	22.7
		1	0	22.2	22.4	22.3	1.8	22.7	22.3	22.4	22.2	2	22.7
		1	25	22.3	22.5	22.3	1.8	22.7	22.4	22.4	22.2	2	22.7
		1	49	22.2	22.4	22.2	1.8	22.7	22.4	22.3	22.2	2	22.7
		25	0	21.2	21.2	21.1	2.8	21.7	21.2	21.2	21.1	3	21.7
	256QAM	25	12	21.3	21.3	21.1	2.8	21.7	21.3	21.2	21.1	3	21.7
		25	25	21.2	21.3	21.1	2.8	21.7	21.2	21.3	21.1	3	21.7
		50	0	21.2	21.2	21.1	2.8	21.7	21.2	21.2	21.1	3	21.7
		1	0	19.2	19.3	19.2	4.8	19.7	19.3	19.3	19.2	5	19.7
		1	25	19.4	19.5	19.3	4.8	19.7	19.4	19.4	19.3	5	19.7
		1	49	19.4	19.4	19.2	4.8	19.7	19.4	19.4	19.2	5	19.7
5	QPSK	25	0	19.2	19.2	19.1	4.8	19.7	19.1	19.2	19.1	5	19.7
		25	12	19.3	19.3	19.1	4.8	19.7	19.2	19.3	19.1	5	19.7
		25	25	19.2	19.3	19.1	4.8	19.7	19.2	19.3	19.2	5	19.7
		50	0	19.2	19.2	19.1	4.8	19.7	19.2	19.2	19.1	5	19.7
	16QAM	1	0	23.8	23.9	23.8	0	24.5	24.0	24.1	24.0	0	24.7
		1	12	23.9	24.0	23.9	0	24.5	24.1	24.2	24.0	0	24.7
		1	24	23.8	23.9	23.8	0	24.5	24.0	24.1	23.9	0	24.7
		12	0	23.1	23.2	23.1	0.8	23.7	23.1	23.2	23.1	1	23.7
		12	7	23.2	23.2	23.1	0.8	23.7	23.2	23.2	23.1	1	23.7
		12	13	23.2	23.2	23.1	0.8	23.7	23.2	23.3	23.1	1	23.7
	64QAM	25	0	23.2	23.2	23.1	0.8	23.7	23.2	23.2	23.1	1	23.7
		1	0	23.4	23.5	23.4	0.8	23.7	23.4	23.5	23.4	1	23.7
		1	12	23.5	23.6	23.5	0.8	23.7	23.5	23.6	23.5	1	23.7
		1	24	23.4	23.5	23.4	0.8	23.7	23.4	23.6	23.4	1	23.7
		12	0	22.1	22.2	22.1	1.8	22.7	22.2	22.3	22.1	2	22.7
		12	7	22.2	22.3	22.1	1.8	22.7	22.3	22.3	22.2	2	22.7
	256QAM	12	13	22.2	22.3	22.1	1.8	22.7	22.2	22.4	22.1	2	22.7
		25	0	22.2	22.2	22.1	1.8	22.7	22.2	22.2	22.1	2	22.7
		1	0	22.3	22.3	22.2	1.8	22.7	22.3	22.4	22.3	2	22.7
		1	12	22.4	22.4	22.2	1.8	22.7	22.4	22.5	22.3	2	22.7
		1	24	22.3	22.3	22.1	1.8	22.7	22.4	22.4	22.2	2	22.7
		12	0	21.1	21.2	21.1	2.8	21.7	21.1	21.2	21.1	3	21.7
5	QPSK	12	7	21.2	21.3	21.1	2.8	21.7	21.2	21.3	21.1	3	21.7
		12	13	21.2	21.3	21.1	2.8	21.7	21.2	21.3	21.1	3	21.7
		25	0	21.2	21.2	21.1	2.8	21.7	21.2	21.2	21.1	3	21.7
	16QAM	1	0	19.2	19.2	19.2	4.8	19.7	19.2	19.3	19.2	5	19.7
		1	12	19.4	19.4	19.2	4.8	19.7	19.3	19.4	19.2	5	19.7
		1	24	19.3	19.4	19.1	4.8	19.7	19.2	19.3	19.1	5	19.7
	64QAM	12	0	19.1	19.2	19.1	4.8	19.7	19.1	19.2	19.1	5	19.7
		12	7	19.2	19.3	19.1	4.8	19.7	19.2	19.3	19.1	5	19.7
		12	13	19.2	19.3	19.1	4.8	19.7	19.2	19.3	19.1	5	19.7
	256QAM	25	0	19.2	19.2	19.1	4.8	19.7	19.2	19.2	19.1	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	23.8	23.9	23.8	0	24.5	24.0	24.1	23.9	0	24.7
		1	8	24.0	24.0	23.8	0	24.5	24.1	24.2	24.0	0	24.7
		1	14	23.8	24.0	23.7	0	24.5	24.0	24.1	23.9	0	24.7
		8	0	23.1	23.2	23.1	0.8	23.7	23.1	23.2	23.0	1	23.7
		8	4	23.2	23.2	23.1	0.8	23.7	23.1	23.2	23.2	1	23.7
		8	7	23.2	23.2	23.1	0.8	23.7	23.2	23.2	23.1	1	23.7
	16QAM	15	0	23.2	23.2	23.0	0.8	23.7	23.1	23.1	23.0	1	23.7
		1	0	23.3	23.4	23.3	0.8	23.7	23.4	23.4	23.3	1	23.7
		1	8	23.5	23.5	23.3	0.8	23.7	23.5	23.5	23.3	1	23.7
		1	14	23.3	23.5	23.3	0.8	23.7	23.4	23.4	23.2	1	23.7
		8	0	22.2	22.3	22.2	1.8	22.7	22.1	22.2	22.1	2	22.7
		8	4	22.3	22.3	22.2	1.8	22.7	22.2	22.2	22.1	2	22.7
	64QAM	8	7	22.3	22.3	22.1	1.8	22.7	22.3	22.2	22.1	2	22.7
		15	0	22.2	22.2	22.1	1.8	22.7	22.2	22.2	22.1	2	22.7
		1	0	22.1	22.3	21.9	1.8	22.7	22.1	22.3	22.0	2	22.7
		1	8	22.2	22.4	22.1	1.8	22.7	22.3	22.4	22.2	2	22.7
		1	14	22.1	22.4	22.0	1.8	22.7	22.3	22.3	22.1	2	22.7
		8	0	21.1	21.2	21.1	2.8	21.7	21.1	21.2	21.1	3	21.7
	256QAM	8	4	21.2	21.2	21.2	2.8	21.7	21.2	21.2	21.1	3	21.7
		8	7	21.2	21.2	21.1	2.8	21.7	21.2	21.2	21.1	3	21.7
		15	0	21.2	21.2	21.1	2.8	21.7	21.2	21.2	21.1	3	21.7
		1	0	19.1	19.3	19.3	4.8	19.7	19.1	19.3	19.2	5	19.7
		1	8	19.4	19.5	19.2	4.8	19.7	19.3	19.5	19.2	5	19.7
		1	14	19.2	19.4	19.1	4.8	19.7	19.2	19.3	19.1	5	19.7
		8	0	19.1	19.2	19.1	4.8	19.7	19.1	19.2	19.1	5	19.7
		8	4	19.2	19.3	19.1	4.8	19.7	19.2	19.2	19.1	5	19.7
		8	7	19.2	19.3	19.1	4.8	19.7	19.2	19.2	19.1	5	19.7
		15	0	19.2	19.2	19.1	4.8	19.7	19.2	19.2	19.1	5	19.7
		1	0	23.8	23.9	23.8	0	24.5	24.0	24.1	24.0	0	24.7
		1	3	23.8	24.0	23.8	0	24.5	24.0	24.2	24.0	0	24.7
		1	5	23.9	24.0	23.8	0	24.5	24.1	24.2	24.0	0	24.7
		3	0	23.8	23.9	23.8	0	24.5	24.0	24.1	24.0	0	24.7
		3	1	23.9	23.9	23.8	0	24.5	24.1	24.1	24.0	0	24.7
		3	3	23.9	24.0	23.8	0	24.5	24.1	24.2	24.0	0	24.7
		6	0	23.1	23.1	23.0	0.8	23.7	23.1	23.2	23.0	1	23.7
	16QAM	1	0	23.3	23.5	23.3	0.8	23.7	23.3	23.5	23.3	1	23.7
		1	3	23.3	23.6	23.4	0.8	23.7	23.3	23.6	23.4	1	23.7
		1	5	23.4	23.5	23.4	0.8	23.7	23.4	23.6	23.3	1	23.7
		3	0	23.2	23.3	23.1	0.8	23.7	23.2	23.3	23.1	1	23.7
		3	1	23.3	23.3	23.1	0.8	23.7	23.2	23.3	23.2	1	23.7
		3	3	23.2	23.4	23.2	0.8	23.7	23.3	23.4	23.2	1	23.7
	64QAM	6	0	22.2	22.2	22.1	1.8	22.7	22.2	22.2	22.1	2	22.7
		1	0	22.3	22.3	22.2	1.8	22.7	22.0	22.3	22.0	2	22.7
		1	3	22.1	22.4	22.2	1.8	22.7	22.2	22.5	22.1	2	22.7
		1	5	22.1	22.3	22.2	1.8	22.7	22.2	22.5	22.2	2	22.7
		3	0	22.0	22.2	22.2	1.8	22.7	22.0	22.2	22.1	2	22.7
		3	1	22.1	22.2	22.2	1.8	22.7	22.1	22.2	22.1	2	22.7
	256QAM	3	3	22.1	22.3	22.2	1.8	22.7	22.1	22.3	22.1	2	22.7
		6	0	21.1	21.2	21.0	2.8	21.7	21.2	21.2	21.1	3	21.7
		1	0	19.1	19.3	19.1	4.8	19.7	19.2	19.3	19.1	5	19.7
		1	3	19.2	19.3	19.2	4.8	19.7	19.2	19.5	19.1	5	19.7
		1	5	19.2	19.4	19.2	4.8	19.7	19.2	19.4	19.1	5	19.7
		3	0	19.1	19.1	19.1	4.8	19.7	19.1	19.2	19.1	5	19.7
	256QAM	3	1	19.2	19.1	19.1	4.8	19.7	19.2	19.2	19.1	5	19.7
		3	3	19.2	19.2	19.1	4.8	19.7	19.2	19.3	19.1	5	19.7
		6	0	19.1	19.2	19.2	4.8	19.7	19.1	19.1	19.0	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	25.0	25.1	25.2	0	25.4	24.8	24.9	25.1	0	25.3
		1	25	25.0	25.1	25.2	0	25.4	24.9	25.0	25.1	0	25.3
		1	49	25.0	25.1	25.2	0	25.4	24.9	24.9	25.0	0	25.3
		25	0	24.1	24.2	24.2	1	24.4	24.0	24.1	24.1	0.9	24.4
		25	12	24.1	24.2	24.2	1	24.4	24.1	24.2	24.2	0.9	24.4
		25	25	24.1	24.2	24.3	1	24.4	24.1	24.2	24.2	0.9	24.4
	16QAM	50	0	24.1	24.2	24.2	1	24.4	24.1	24.2	24.2	0.9	24.4
		1	0	24.3	24.4	24.4	1	24.4	24.1	24.2	24.4	0.9	24.4
		1	25	24.3	24.4	24.4	1	24.4	24.3	24.4	24.4	0.9	24.4
		1	49	24.3	24.4	24.4	1	24.4	24.3	24.4	24.4	0.9	24.4
		25	0	23.1	23.2	23.3	2	23.4	23.0	23.2	23.2	1.9	23.4
		25	12	23.2	23.3	23.4	2	23.4	23.1	23.2	23.2	1.9	23.4
	64QAM	25	25	23.2	23.2	23.3	2	23.4	23.1	23.2	23.3	1.9	23.4
		50	0	23.2	23.2	23.2	2	23.4	23.1	23.2	23.2	1.9	23.4
		1	0	23.3	23.4	23.4	2	23.4	23.3	23.4	23.4	1.9	23.4
		1	25	23.4	23.4	23.4	2	23.4	23.4	23.4	23.4	1.9	23.4
		1	49	23.4	23.4	23.4	2	23.4	23.4	23.4	23.4	1.9	23.4
		25	0	22.1	22.2	22.3	3	22.4	22.1	22.2	22.3	2.9	22.4
	256QAM	25	12	22.2	22.3	22.4	3	22.4	22.2	22.3	22.4	2.9	22.4
		25	25	22.2	22.3	22.3	3	22.4	22.2	22.3	22.4	2.9	22.4
		50	0	22.2	22.3	22.3	3	22.4	22.2	22.3	22.3	2.9	22.4
		1	0	20.2	20.4	20.4	5	20.4	20.2	20.3	20.4	4.9	20.4
		1	25	20.3	20.4	20.3	5	20.4	20.3	20.4	20.4	4.9	20.4
		1	49	20.3	20.4	20.4	5	20.4	20.3	20.4	20.4	4.9	20.4
5	QPSK	25	0	20.1	20.2	20.3	5	20.4	20.1	20.2	20.2	4.9	20.4
		25	12	20.2	20.3	20.4	5	20.4	20.2	20.3	20.4	4.9	20.4
		25	25	20.2	20.3	20.3	5	20.4	20.2	20.3	20.3	4.9	20.4
		50	0	20.2	20.3	20.3	5	20.4	20.2	20.3	20.3	4.9	20.4
	16QAM	1	0	25.0	25.1	25.2	0	25.4	24.8	25.0	25.0	0	25.3
		1	12	25.1	25.2	25.3	0	25.4	24.9	25.0	25.0	0	25.3
		1	24	25.0	25.1	25.2	0	25.4	24.8	25.0	25.0	0	25.3
		12	0	24.1	24.2	24.2	1	24.4	23.9	24.1	24.1	0.9	24.4
		12	7	24.2	24.3	24.3	1	24.4	24.1	24.2	24.2	0.9	24.4
		12	13	24.1	24.2	24.3	1	24.4	24.0	24.1	24.2	0.9	24.4
	64QAM	25	0	24.1	24.2	24.2	1	24.4	24.0	24.2	24.1	0.9	24.4
		1	0	24.4	24.4	24.4	1	24.4	24.3	24.4	24.4	0.9	24.4
		1	12	24.4	24.4	24.4	1	24.4	24.4	24.4	24.4	0.9	24.4
		1	24	24.4	24.4	24.4	1	24.4	24.3	24.4	24.4	0.9	24.4
		12	0	23.2	23.2	23.3	2	23.4	23.0	23.1	23.2	1.9	23.4
		12	7	23.4	23.3	23.4	2	23.4	23.1	23.3	23.3	1.9	23.4
	256QAM	12	13	23.3	23.3	23.3	2	23.4	23.1	23.2	23.2	1.9	23.4
		25	0	23.2	23.3	23.2	2	23.4	23.1	23.2	23.1	1.9	23.4
		1	0	23.2	23.4	23.4	2	23.4	23.3	23.4	23.4	1.9	23.4
		1	12	23.3	23.4	23.4	2	23.4	23.2	23.4	23.4	1.9	23.4
		1	24	23.3	23.4	23.4	2	23.4	23.2	23.4	23.4	1.9	23.4
		12	0	22.1	22.2	22.2	3	22.4	22.1	22.2	22.2	2.9	22.4
5	64QAM	12	7	22.3	22.3	22.3	3	22.4	22.2	22.3	22.4	2.9	22.4
		12	13	22.2	22.3	22.3	3	22.4	22.2	22.3	22.3	2.9	22.4
		25	0	22.2	22.3	22.2	3	22.4	22.2	22.3	22.2	2.9	22.4
	256QAM	1	0	20.1	20.4	20.4	5	20.4	20.2	20.3	20.4	4.9	20.4
		1	12	20.3	20.4	20.3	5	20.4	20.3	20.4	20.4	4.9	20.4
		1	24	20.3	20.4	20.4	5	20.4	20.3	20.3	20.4	4.9	20.4
		12	0	20.1	20.2	20.2	5	20.4	20.1	20.2	20.3	4.9	20.4
		12	7	20.2	20.3	20.4	5	20.4	20.2	20.3	20.4	4.9	20.4
		12	13	20.2	20.3	20.3	5	20.4	20.2	20.3	20.3	4.9	20.4
	256QAM	25	0	20.2	20.3	20.2	5	20.4	20.2	20.3	20.2	4.9	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	25.0	25.1	25.2	0	25.4	24.8	24.9	25.0	0	25.3
		1	8	25.1	25.2	25.3	0	25.4	24.9	25.0	25.0	0	25.3
		1	14	25.0	25.1	25.1	0	25.4	24.8	24.9	24.9	0	25.3
		8	0	24.0	24.2	24.2	1	24.4	23.9	24.1	24.2	0.9	24.4
		8	4	24.1	24.2	24.3	1	24.4	24.0	24.2	24.2	0.9	24.4
		8	7	24.1	24.2	24.2	1	24.4	24.0	24.2	24.2	0.9	24.4
	16QAM	15	0	24.1	24.2	24.2	1	24.4	24.0	24.1	24.1	0.9	24.4
		1	0	24.4	24.4	24.4	1	24.4	24.2	24.4	24.4	0.9	24.4
		1	8	24.4	24.4	24.4	1	24.4	24.3	24.4	24.4	0.9	24.4
		1	14	24.4	24.4	24.4	1	24.4	24.2	24.4	24.4	0.9	24.4
		8	0	23.1	23.2	23.4	2	23.4	23.0	23.2	23.3	1.9	23.4
		8	4	23.2	23.3	23.4	2	23.4	23.1	23.3	23.3	1.9	23.4
	64QAM	8	7	23.2	23.3	23.3	2	23.4	23.1	23.2	23.3	1.9	23.4
		15	0	23.2	23.3	23.3	2	23.4	23.0	23.2	23.2	1.9	23.4
		1	0	23.2	23.4	23.4	2	23.4	23.4	23.3	23.4	1.9	23.4
		1	8	23.3	23.4	23.4	2	23.4	23.4	23.4	23.4	1.9	23.4
		1	14	23.3	23.3	23.3	2	23.4	23.4	23.4	23.4	1.9	23.4
		8	0	22.0	22.1	22.3	3	22.4	22.1	22.2	22.3	2.9	22.4
	256QAM	8	4	22.1	22.3	22.3	3	22.4	22.2	22.3	22.3	2.9	22.4
		8	7	22.1	22.2	22.3	3	22.4	22.2	22.3	22.3	2.9	22.4
		15	0	22.1	22.2	22.3	3	22.4	22.1	22.3	22.3	2.9	22.4
		1	0	20.2	20.3	20.3	5	20.4	20.1	20.3	20.4	4.9	20.4
		1	8	20.3	20.4	20.3	5	20.4	20.3	20.4	20.4	4.9	20.4
		1	14	20.2	20.4	20.3	5	20.4	20.2	20.4	20.3	4.9	20.4
1.4	QPSK	8	0	20.0	20.2	20.3	5	20.4	20.1	20.2	20.3	4.9	20.4
		8	4	20.1	20.2	20.3	5	20.4	20.2	20.3	20.4	4.9	20.4
		8	7	20.1	20.3	20.3	5	20.4	20.2	20.3	20.3	4.9	20.4
		15	0	20.1	20.2	20.3	5	20.4	20.2	20.3	20.3	4.9	20.4
		1	0	25.1	25.1	25.2	0	25.4	24.8	24.9	25.0	0	25.3
		1	3	25.1	25.2	25.2	0	25.4	24.8	25.1	25.0	0	25.3
	16QAM	1	5	25.1	25.1	25.1	0	25.4	24.8	25.0	25.0	0	25.3
		3	0	25.1	25.2	25.2	0	25.4	24.8	25.0	25.0	0	25.3
		3	1	25.1	25.2	25.2	0	25.4	24.9	25.0	25.0	0	25.3
		3	3	25.1	25.2	25.2	0	25.4	24.9	25.0	25.0	0	25.3
		6	0	24.1	24.2	24.2	1	24.4	24.0	24.1	24.1	0.9	24.4
		1	0	24.4	24.2	24.4	1	24.4	24.1	24.4	24.4	0.9	24.4
	64QAM	1	3	24.4	24.4	24.4	1	24.4	24.1	24.4	24.4	0.9	24.4
		1	5	24.4	24.3	24.4	1	24.4	24.2	24.4	24.4	0.9	24.4
		3	0	24.2	24.3	24.3	1	24.4	24.0	24.3	24.3	0.9	24.4
		3	1	24.2	24.3	24.4	1	24.4	24.1	24.3	24.2	0.9	24.4
		3	3	24.2	24.3	24.3	1	24.4	24.1	24.3	24.2	0.9	24.4
		6	0	23.1	23.3	23.3	2	23.4	23.0	23.2	23.2	1.9	23.4
	256QAM	1	0	23.3	23.3	23.3	2	23.4	23.2	23.3	23.4	1.9	23.4
		1	3	23.2	23.4	23.3	2	23.4	23.2	23.4	23.4	1.9	23.4
		1	5	23.2	23.4	23.3	2	23.4	23.1	23.4	23.4	1.9	23.4
		3	0	23.1	23.2	23.3	2	23.4	23.2	23.3	23.3	1.9	23.4
		3	1	23.1	23.2	23.3	2	23.4	23.2	23.3	23.4	1.9	23.4
		3	3	23.1	23.2	23.3	2	23.4	23.2	23.3	23.3	1.9	23.4
	16QAM	6	0	22.1	22.2	22.1	3	22.4	22.1	22.3	22.2	2.9	22.4
		1	0	20.2	20.1	20.2	5	20.4	20.2	20.3	20.3	4.9	20.4
		1	3	20.3	20.2	20.3	5	20.4	20.2	20.4	20.4	4.9	20.4
		1	5	20.2	20.3	20.2	5	20.4	20.3	20.4	20.3	4.9	20.4
		3	0	20.1	20.3	20.2	5	20.4	20.1	20.3	20.3	4.9	20.4
		3	1	20.2	20.2	20.2	5	20.4	20.1	20.3	20.3	4.9	20.4
	64QAM	3	3	20.2	20.2	20.2	5	20.4	20.1	20.3	20.3	4.9	20.4
		6	0	20.0	20.3	20.2	5	20.4	20.1	20.3	20.2	4.9	20.4

LTE Band 30 Measured Results (ANT1)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)				Power Mode B (dBm)					
					27710		MPR	Max Output Pwr		27710		MPR	Max Output Pwr
				2310 MHz					2310 MHz				
10	QPSK	1	0	25.3		0	25.7		23.7		0	24.3	
		1	25	25.3		0	25.7		23.7		0	24.3	
		1	49	25.2		0	25.7		23.6		0	24.3	
		25	0	23.6		1	24.7		23.7		0	24.3	
		25	12	24.3		1	24.7		23.8		0	24.3	
		25	25	24.2		1	24.7		23.6		0	24.3	
	16QAM	50	0	23.5		1	24.7		23.8		0	24.3	
		1	0	24.6		1	24.7		24.0		0	24.3	
		1	25	24.6		1	24.7		24.0		0	24.3	
		1	49	24.6		1	24.7		23.9		0	24.3	
		25	0	23.4		2	23.7		23.4		0.6	23.7	
		25	12	23.4		2	23.7		23.5		0.6	23.7	
	64QAM	25	25	23.3		2	23.7		23.4		0.6	23.7	
		50	0	23.3		2	23.7		23.4		0.6	23.7	
		1	0	23.1		2	23.7		23.1		0.6	23.7	
		1	25	23.1		2	23.7		23.1		0.6	23.7	
		1	49	23.1		2	23.7		22.8		0.6	23.7	
		25	0	22.0		3	22.7		21.9		1.6	22.7	
	256QAM	25	12	22.0		3	22.7		21.9		1.6	22.7	
		25	25	21.9		3	22.7		21.8		1.6	22.7	
		50	0	21.9		3	22.7		21.9		1.6	22.7	
		1	0	20.1		5	20.7		20.0		3.6	20.7	
		1	25	20.1		5	20.7		20.0		3.6	20.7	
		1	49	19.9		5	20.7		19.9		3.6	20.7	
5	QPSK	25	0	19.9		5	20.7		19.9		3.6	20.7	
		25	12	20.0		5	20.7		19.9		3.6	20.7	
		25	25	19.9		5	20.7		19.8		3.6	20.7	
		50	0	19.9		5	20.7		19.9		3.6	20.7	
		1	0	25.3		0	25.7		23.6		0	24.3	
		1	12	25.3		0	25.7		23.7		0	24.3	
	16QAM	1	24	25.3		0	25.7		23.6		0	24.3	
		12	0	24.4		1	24.7		23.7		0	24.3	
		12	7	24.4		1	24.7		23.7		0	24.3	
		12	13	24.3		1	24.7		23.7		0	24.3	
		25	0	24.3		1	24.7		23.7		0	24.3	
		1	0	24.7		1	24.7		24.0		0	24.3	
	64QAM	1	12	24.7		1	24.7		24.0		0	24.3	
		1	24	24.7		1	24.7		24.0		0	24.3	
		12	0	23.4		2	23.7		23.5		0.6	23.7	
		12	7	23.5		2	23.7		23.5		0.6	23.7	
		12	13	23.4		2	23.7		23.5		0.6	23.7	
		25	0	23.4		2	23.7		23.4		0.6	23.7	
	256QAM	1	0	23.2		2	23.7		23.1		0.6	23.7	
		1	12	23.3		2	23.7		23.2		0.6	23.7	
		1	24	23.1		2	23.7		23.1		0.6	23.7	
		12	0	22.0		3	22.7		21.9		1.6	22.7	
		12	7	22.0		3	22.7		21.9		1.6	22.7	
		12	13	21.9		3	22.7		21.8		1.6	22.7	
5	16QAM	25	0	22.0		3	22.7		21.9		1.6	22.7	
		1	0	20.1		5	20.7		20.0		3.6	20.7	
		1	12	20.2		5	20.7		20.1		3.6	20.7	
		1	24	20.1		5	20.7		19.9		3.6	20.7	
		12	0	20.0		5	20.7		19.9		3.6	20.7	
		12	7	20.0		5	20.7		19.9		3.6	20.7	
	256QAM	12	13	19.9		5	20.7		19.8		3.6	20.7	
		25	0	20.0		5	20.7		19.9		3.6	20.7	

LTE Band 30 Measured Results (ANT2)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)				Power Mode B (dBm)			
				27710	MPR	Max Output Pwr		27710	MPR	Max Output Pwr	
				2310 MHz				2310 MHz			
10	QPSK	1	0	21.1	0	22.3		21.8	0	22.0	
		1	25	21.2	0	22.3		21.9	0	22.0	
		1	49	21.1	0	22.3		21.8	0	22.0	
		25	0	21.2	0	22.3		21.9	0	22.0	
		25	12	21.2	0	22.3		21.9	0	22.0	
		25	25	21.1	0	22.3		21.8	0	22.0	
		50	0	21.2	0	22.3		21.8	0	22.0	
	16QAM	1	0	21.4	0	22.3		22.0	0	22.0	
		1	25	21.4	0	22.3		22.0	0	22.0	
		1	49	21.4	0	22.3		22.0	0	22.0	
		25	0	21.1	0.6	21.7		21.1	0.3	21.7	
		25	12	21.1	0.6	21.7		21.1	0.3	21.7	
		25	25	21.1	0.6	21.7		21.1	0.3	21.7	
		50	0	21.1	0.6	21.7		21.0	0.3	21.7	
	64QAM	1	0	21.4	0.6	21.7		21.3	0.3	21.7	
		1	25	21.4	0.6	21.7		21.4	0.3	21.7	
		1	49	21.4	0.6	21.7		21.3	0.3	21.7	
		25	0	20.2	1.6	20.7		20.2	1.3	20.7	
		25	12	20.1	1.6	20.7		20.1	1.3	20.7	
		25	25	20.1	1.6	20.7		20.1	1.3	20.7	
		50	0	20.1	1.6	20.7		20.1	1.3	20.7	
	256QAM	1	0	18.3	3.6	18.7		18.2	3.3	18.7	
		1	25	18.4	3.6	18.7		18.3	3.3	18.7	
		1	49	18.2	3.6	18.7		18.2	3.3	18.7	
		25	0	18.1	3.6	18.7		18.1	3.3	18.7	
		25	12	18.1	3.6	18.7		18.1	3.3	18.7	
		25	25	18.1	3.6	18.7		18.1	3.3	18.7	
		50	0	18.1	3.6	18.7		18.1	3.3	18.7	
BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)				Power Mode B (dBm)			
				27710	MPR	Max Output Pwr		27710	MPR	Max Output Pwr	
				2310 MHz				2310 MHz			
5	QPSK	1	0	21.1	0	22.3		21.8	0	22.0	
		1	12	21.2	0	22.3		21.9	0	22.0	
		1	24	21.1	0	22.3		21.8	0	22.0	
		12	0	21.2	0	22.3		21.9	0	22.0	
		12	7	21.2	0	22.3		21.8	0	22.0	
		12	13	21.1	0	22.3		21.8	0	22.0	
		25	0	21.1	0	22.3		21.8	0	22.0	
	16QAM	1	0	21.5	0	22.3		22.0	0	22.0	
		1	12	21.6	0	22.3		22.0	0	22.0	
		1	24	21.5	0	22.3		22.0	0	22.0	
		12	0	21.1	0.6	21.7		21.1	0.3	21.7	
		12	7	21.0	0.6	21.7		21.1	0.3	21.7	
		12	13	21.0	0.6	21.7		21.1	0.3	21.7	
		25	0	21.1	0.6	21.7		21.0	0.3	21.7	
	64QAM	1	0	21.5	0.6	21.7		21.2	0.3	21.7	
		1	12	21.5	0.6	21.7		21.3	0.3	21.7	
		1	24	21.4	0.6	21.7		21.2	0.3	21.7	
		12	0	20.1	1.6	20.7		20.2	1.3	20.7	
		12	7	20.1	1.6	20.7		20.1	1.3	20.7	
		12	13	20.1	1.6	20.7		20.1	1.3	20.7	
		25	0	20.1	1.6	20.7		20.1	1.3	20.7	
	256QAM	1	0	18.2	3.6	18.7		18.1	3.3	18.7	
		1	12	18.3	3.6	18.7		18.2	3.3	18.7	
		1	24	18.1	3.6	18.7		18.1	3.3	18.7	
		12	0	18.2	3.6	18.7		18.2	3.3	18.7	
		12	7	18.1	3.6	18.7		18.1	3.3	18.7	
		12	13	18.1	3.6	18.7		18.1	3.3	18.7	
		25	0	18.1	3.6	18.7		18.1	3.3	18.7	

LTE Band 30 Measured Results (ANT3)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)				Power Mode B (dBm)			
				27710	MPR	Max Output Pwr		27710	MPR	Max Output Pwr	
				2310 MHz				2310 MHz			
10	QPSK	1	0	21.9	0	22.3		19.5	0	20.2	
		1	25	22.0	0	22.3		19.7	0	20.2	
		1	49	21.8	0	22.3		19.5	0	20.2	
		25	0	21.9	0	22.3		19.7	0	20.2	
		25	12	22.0	0	22.3		19.7	0	20.2	
		25	25	21.9	0	22.3		19.6	0	20.2	
		50	0	21.9	0	22.3		19.6	0	20.2	
	16QAM	1	0	22.2	0	22.3		19.9	0	20.2	
		1	25	22.3	0	22.3		20.0	0	20.2	
		1	49	22.2	0	22.3		20.0	0	20.2	
		25	0	22.0	0	22.3		19.7	0	20.2	
		25	12	22.1	0	22.3		19.7	0	20.2	
		25	25	22.0	0	22.3		19.7	0	20.2	
		50	0	22.0	0	22.3		19.7	0	20.2	
	64QAM	1	0	21.9	0	22.3		19.4	0	20.2	
		1	25	21.9	0	22.3		19.5	0	20.2	
		1	49	21.9	0	22.3		19.4	0	20.2	
		25	0	21.4	0.3	22.0		19.4	0	20.2	
		25	12	21.5	0.3	22.0		19.4	0	20.2	
		25	25	21.5	0.3	22.0		19.5	0	20.2	
		50	0	21.4	0.3	22.0		19.4	0	20.2	
	256QAM	1	0	19.4	2.3	20.0		19.4	0.2	20.0	
		1	25	19.5	2.3	20.0		19.5	0.2	20.0	
		1	49	19.5	2.3	20.0		19.5	0.2	20.0	
		25	0	19.4	2.3	20.0		19.4	0.2	20.0	
		25	12	19.4	2.3	20.0		19.4	0.2	20.0	
		25	25	19.5	2.3	20.0		19.5	0.2	20.0	
		50	0	19.4	2.3	20.0		19.3	0.2	20.0	
BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)				Power Mode B (dBm)			
				27710	MPR	Max Output Pwr		27710	MPR	Max Output Pwr	
				2310 MHz				2310 MHz			
5	QPSK	1	0	22.0	0	22.3		19.7	0	20.2	
		1	12	22.1	0	22.3		19.8	0	20.2	
		1	24	21.9	0	22.3		19.6	0	20.2	
		12	0	21.9	0	22.3		19.7	0	20.2	
		12	7	22.0	0	22.3		19.7	0	20.2	
		12	13	21.9	0	22.3		19.7	0	20.2	
		25	0	21.9	0	22.3		19.6	0	20.2	
	16QAM	1	0	22.3	0	22.3		20.0	0	20.2	
		1	12	22.3	0	22.3		20.0	0	20.2	
		1	24	22.3	0	22.3		20.0	0	20.2	
		12	0	22.1	0	22.3		19.7	0	20.2	
		12	7	22.1	0	22.3		19.8	0	20.2	
		12	13	22.1	0	22.3		19.7	0	20.2	
		25	0	22.0	0	22.3		19.7	0	20.2	
	64QAM	1	0	22.0	0	22.3		19.7	0	20.2	
		1	12	22.0	0	22.3		19.7	0	20.2	
		1	24	22.0	0	22.3		19.7	0	20.2	
		12	0	21.4	0.3	22.0		19.5	0	20.2	
		12	7	21.5	0.3	22.0		19.5	0	20.2	
		12	13	21.5	0.3	22.0		19.5	0	20.2	
		25	0	21.4	0.3	22.0		19.4	0	20.2	
	256QAM	1	0	19.5	2.3	20.0		19.6	0.2	20.0	
		1	12	19.7	2.3	20.0		19.7	0.2	20.0	
		1	24	19.6	2.3	20.0		19.6	0.2	20.0	
		12	0	19.5	2.3	20.0		19.4	0.2	20.0	
		12	7	19.5	2.3	20.0		19.5	0.2	20.0	
		12	13	19.5	2.3	20.0		19.5	0.2	20.0	
		25	0	19.4	2.3	20.0		19.4	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	20.6		0	21.7	18.5		0	19.9
		1	25	20.6		0	21.7	18.6		0	19.9
		1	49	20.5		0	21.7	18.5		0	19.9
		25	0	20.6		0	21.7	18.5		0	19.9
		25	12	20.6		0	21.7	18.6		0	19.9
		25	25	20.6		0	21.7	18.6		0	19.9
		50	0	20.6		0	21.7	18.5		0	19.9
	16QAM	1	0	20.9		0	21.7	18.8		0	19.9
		1	25	20.9		0	21.7	18.9		0	19.9
		1	49	20.8		0	21.7	18.8		0	19.9
		25	0	20.0		1	20.7	18.6		0	19.9
		25	12	20.1		1	20.7	18.6		0	19.9
		25	25	20.0		1	20.7	18.6		0	19.9
	64QAM	1	0	20.0		1	20.7	18.5		0	19.9
		1	25	20.0		1	20.7	18.3		0	19.9
		1	49	20.1		1	20.7	18.4		0	19.9
		25	0	20.0		1	20.7	18.4		0	19.9
		25	12	18.9		2	19.7	18.4		0.2	19.7
		25	25	18.9		2	19.7	18.4		0.2	19.7
		50	0	18.9		2	19.7	18.4		0.2	19.7
	256QAM	1	0	17.0		4	17.7	17.0		2.2	17.7
		1	25	17.1		4	17.7	17.1		2.2	17.7
		1	49	17.0		4	17.7	17.0		2.2	17.7
		25	0	16.9		4	17.7	16.9		2.2	17.7
		25	12	17.0		4	17.7	16.9		2.2	17.7
		25	25	16.9		4	17.7	16.9		2.2	17.7
		50	0	16.9		4	17.7	16.9		2.2	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	20.5		0	21.7	18.5		0	19.9
		1	12	20.7		0	21.7	18.6		0	19.9
		1	24	20.5		0	21.7	18.5		0	19.9
		12	0	20.6		0	21.7	18.5		0	19.9
		12	7	20.6		0	21.7	18.6		0	19.9
		12	13	20.6		0	21.7	18.6		0	19.9
		25	0	20.6		0	21.7	18.5		0	19.9
	16QAM	1	0	21.0		0	21.7	18.9		0	19.9
		1	12	21.1		0	21.7	19.0		0	19.9
		1	24	21.0		0	21.7	18.9		0	19.9
		12	0	20.1		1	20.7	18.6		0	19.9
		12	7	20.1		1	20.7	18.6		0	19.9
		12	13	20.1		1	20.7	18.6		0	19.9
	64QAM	25	0	20.0		1	20.7	18.5		0	19.9
		1	0	20.1		1	20.7	18.6		0	19.9
		1	12	20.2		1	20.7	18.7		0	19.9
		1	24	20.1		1	20.7	18.6		0	19.9
		12	0	19.0		2	19.7	18.5		0.2	19.7
		12	7	19.0		2	19.7	18.5		0.2	19.7
		12	13	19.0		2	19.7	18.5		0.2	19.7
	256QAM	25	0	19.0		2	19.7	18.5		0.2	19.7
		1	0	17.0		4	17.7	17.1		2.2	17.7
		1	12	17.2		4	17.7	17.3		2.2	17.7
		1	24	17.0		4	17.7	17.2		2.2	17.7
		12	0	17.0		4	17.7	16.9		2.2	17.7
		12	7	17.0		4	17.7	17.0		2.2	17.7
		12	13	17.0		4	17.7	17.0		2.2	17.7
		25	0	17.0		4	17.7	17.0		2.2	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	25.4	25.4	25.6	25.5	25.4	0	25.7	22.5	22.5	22.7	22.8	22.6	0	22.8
		1	49	25.5	25.5	25.6	25.5	25.5	0	25.7	22.5	22.5	22.8	22.8	22.8	0	22.8
		1	99	25.4	25.4	25.6	25.5	25.4	0	25.7	22.5	22.5	22.7	22.8	22.7	0	22.8
		50	0	24.6	24.5	24.6	24.6	24.5	1	24.7	22.6	22.6	22.8	22.8	22.8	0	22.8
		50	24	24.6	24.6	24.7	24.6	24.6	1	24.7	22.7	22.7	22.8	22.8	22.8	0	22.8
		50	50	24.6	24.5	24.6	24.5	24.5	1	24.7	22.6	22.6	22.8	22.8	22.8	0	22.8
	16QAM	100	0	24.6	24.5	24.6	24.6	24.5	1	24.7	22.6	22.6	22.8	22.8	22.8	0	22.8
		1	0	24.6	24.6	24.7	24.6	24.6	1	24.7	22.8	22.5	22.8	22.8	22.8	0	22.8
		1	49	24.6	24.7	24.7	24.6	24.7	1	24.7	22.8	22.7	22.8	22.8	22.8	0	22.8
		1	99	24.5	24.6	24.6	24.6	24.7	1	24.7	22.7	22.6	22.8	22.8	22.8	0	22.8
		50	0	23.6	23.6	23.7	23.6	23.5	2	23.7	22.5	22.4	22.6	22.7	22.6	0	22.8
		50	24	23.6	23.5	23.6	23.6	23.6	2	23.7	22.5	22.5	22.6	22.8	22.7	0	22.8
	64QAM	50	50	23.6	23.5	23.6	23.6	23.5	2	23.7	22.5	22.4	22.7	22.7	22.6	0	22.8
		100	0	23.6	23.5	23.6	23.6	23.6	2	23.7	22.4	22.5	22.6	22.7	22.6	0	22.8
		1	0	23.0	23.0	23.3	23.1	23.0	2	23.7	22.4	22.3	22.5	22.6	22.5	0	22.8
		1	49	23.1	23.2	23.3	23.1	23.0	2	23.7	22.3	22.4	22.6	22.7	22.5	0	22.8
		1	99	23.0	23.2	23.3	23.1	23.0	2	23.7	22.4	22.4	22.8	22.8	22.6	0	22.8
		50	0	22.1	22.2	22.4	22.2	22.0	3	22.7	21.5	21.4	21.7	21.7	21.6	0.1	22.7
15	QPSK	50	24	22.1	22.2	22.3	22.3	22.0	3	22.7	21.4	21.4	21.6	21.7	21.6	0.1	22.7
		50	50	22.1	22.2	22.3	22.2	21.9	3	22.7	21.5	21.3	21.7	21.7	21.6	0.1	22.7
		100	0	22.1	22.2	22.3	22.2	22.0	3	22.7	21.5	21.4	21.6	21.7	21.6	0.1	22.7
	256QAM	1	0	20.0	20.0	20.2	20.2	19.9	5	20.7	19.4	19.3	19.5	19.7	19.6	2.1	20.7
		1	49	20.0	20.1	20.2	20.2	19.9	5	20.7	19.3	19.4	19.5	19.7	19.6	2.1	20.7
		1	99	20.2	20.2	20.2	20.2	19.9	5	20.7	19.4	19.5	19.6	19.7	19.7	2.1	20.7
		50	0	20.0	20.2	20.3	20.2	20.0	5	20.7	19.5	19.4	19.6	19.7	19.6	2.1	20.7
		50	24	20.1	20.2	20.3	20.3	20.0	5	20.7	19.5	19.4	19.6	19.7	19.7	2.1	20.7
		50	50	20.1	20.2	20.3	20.2	20.0	5	20.7	19.5	19.4	19.7	19.7	19.6	2.1	20.7
	16QAM	100	0	20.1	20.1	20.3	20.3	20.0	5	20.7	19.5	19.4	19.6	19.7	19.6	2.1	20.7
		1	0	25.4	25.4	25.6	25.4	25.4	0	25.7	22.5	22.5	22.7	22.7	22.7	0	22.8
		1	37	25.5	25.4	25.6	25.5	25.4	0	25.7	22.6	22.5	22.7	22.8	22.7	0	22.8
		1	74	25.4	25.5	25.6	25.5	25.4	0	25.7	22.5	22.6	22.8	22.8	22.7	0	22.8
		36	0	24.6	24.6	24.7	24.6	24.5	1	24.7	22.7	22.6	22.8	22.8	22.8	0	22.8
		36	20	24.6	24.5	24.6	24.6	24.5	1	24.7	22.7	22.7	22.8	22.8	22.8	0	22.8
15	QPSK	36	39	24.5	24.5	24.6	24.5	24.5	1	24.7	22.6	22.6	22.8	22.8	22.8	0	22.8
		75	0	24.6	24.5	24.6	24.6	24.6	1	24.7	22.6	22.7	22.8	22.8	22.8	0	22.8
	16QAM	1	0	24.5	24.4	24.6	24.6	24.4	1	24.7	22.5	22.5	22.6	22.7	22.6	0	22.8
		1	37	24.5	24.5	24.6	24.6	24.3	1	24.7	22.5	22.5	22.7	22.7	22.7	0	22.8
		1	74	24.4	24.4	24.6	24.6	24.4	1	24.7	22.5	22.6	22.8	22.8	22.7	0	22.8
		36	0	23.5	23.6	23.7	23.6	23.5	2	23.7	22.5	22.4	22.6	22.7	22.6	0	22.8
	64QAM	36	20	23.5	23.5	23.6	23.6	23.5	2	23.7	22.5	22.5	22.6	22.7	22.6	0	22.8
		36	39	23.5	23.5	23.6	23.5	23.5	2	23.7	22.4	22.4	22.6	22.7	22.6	0	22.8
		75	0	23.6	23.5	23.6	23.6	23.6	2	23.7	22.4	22.5	22.6	22.7	22.6	0	22.8
	256QAM	1	0	23.0	23.0	23.2	23.1	22.8	2	23.7	22.4	22.1	22.5	22.6	22.4	0	22.8
		1	37	23.1	23.0	23.2	23.1	22.9	2	23.7	22.4	22.3	22.6	22.6	22.5	0	22.8
		1	74	22.9	23.1	23.2	23.1	23.0	2	23.7	22.3	22.4	22.7	22.6	22.5	0	22.8
		36	0	22.0	22.2	22.4	22.2	22.0	3	22.7	21.5	21.4	21.6	21.7	21.6	0.1	22.7
		36	20	22.1	22.1	22.3	22.2	22.0	3	22.7	21.5	21.5	21.6	21.7	21.6	0.1	22.7
		36	39	22.0	22.2	22.3	22.2	21.9	3	22.7	21.4	21.4	21.6	21.7	21.5	0.1	22.7

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	25.6	25.6	25.7	25.6	25.6	0	25.7	22.7	22.6	22.8	22.8	22.8	0	22.8
		1	25	25.6	25.6	25.7	25.6	25.6	0	25.7	22.7	22.7	22.8	22.8	22.8	0	22.8
		1	49	25.6	25.6	25.7	25.5	25.5	0	25.7	22.7	22.7	22.8	22.8	22.8	0	22.8
		25	0	24.7	24.7	24.7	24.7	24.6	1	24.7	22.8	22.8	22.8	22.8	22.8	0	22.8
		25	12	24.7	24.7	24.7	24.7	24.7	1	24.7	22.8	22.8	22.8	22.8	22.8	0	22.8
		25	25	24.7	24.6	24.7	24.6	24.6	1	24.7	22.7	22.7	22.8	22.8	22.8	0	22.8
		50	0	24.7	24.6	24.7	24.7	24.6	1	24.7	22.7	22.8	22.8	22.8	22.8	0	22.8
	16QAM	1	0	24.7	24.6	24.7	24.6	24.5	1	24.7	22.7	22.5	22.8	22.8	22.8	0	22.8
		1	25	24.7	24.6	24.7	24.7	24.6	1	24.7	22.7	22.7	22.8	22.8	22.8	0	22.8
		1	49	24.7	24.6	24.7	24.7	24.5	1	24.7	22.7	22.7	22.8	22.8	22.8	0	22.8
		25	0	23.7	23.7	23.7	23.7	23.6	2	23.7	22.6	22.6	22.8	22.8	22.7	0	22.8
		25	12	23.7	23.7	23.7	23.7	23.7	2	23.7	22.7	22.6	22.8	22.8	22.8	0	22.8
		25	25	23.7	23.6	23.7	23.7	23.6	2	23.7	22.6	22.6	22.8	22.8	22.8	0	22.8
		50	0	23.7	23.6	23.7	23.7	23.7	2	23.7	22.5	22.6	22.7	22.8	22.8	0	22.8
	64QAM	1	0	23.2	23.1	23.2	23.2	23.1	2	23.7	22.5	22.3	22.8	22.8	22.7	0	22.8
		1	25	23.3	23.2	23.4	23.2	23.1	2	23.7	22.5	22.4	22.8	22.8	22.8	0	22.8
		1	49	23.3	23.2	23.3	23.2	23.1	2	23.7	22.4	22.4	22.8	22.8	22.8	0	22.8
		25	0	22.2	22.3	22.5	22.3	22.1	3	22.7	21.6	21.6	21.8	21.8	21.7	0.1	22.7
		25	12	22.2	22.4	22.5	22.4	22.1	3	22.7	21.6	21.6	21.8	21.8	21.9	0.1	22.7
		25	25	22.2	22.3	22.5	22.3	22.1	3	22.7	21.6	21.6	21.8	21.8	21.8	0.1	22.7
		50	0	22.2	22.3	22.4	22.4	22.1	3	22.7	21.5	21.6	21.7	21.9	21.8	0.1	22.7
	256QAM	1	0	20.0	20.2	20.4	20.2	20.0	5	20.7	19.5	19.4	19.7	19.8	19.7	2.1	20.7
		1	25	20.1	20.3	20.5	20.3	20.1	5	20.7	19.6	19.6	19.8	19.9	19.8	2.1	20.7
		1	49	20.1	20.2	20.3	20.2	20.0	5	20.7	19.5	19.6	19.8	19.8	19.7	2.1	20.7
		25	0	20.2	20.3	20.4	20.3	20.1	5	20.7	19.6	19.6	19.8	19.8	19.7	2.1	20.7
		25	12	20.2	20.4	20.4	20.4	20.2	5	20.7	19.6	19.6	19.7	19.9	19.7	2.1	20.7
		25	25	20.2	20.3	20.4	20.3	20.1	5	20.7	19.6	19.6	19.8	19.8	19.8	2.1	20.7
		50	0	20.2	20.3	20.4	20.3	20.1	5	20.7	19.5	19.6	19.7	19.8	19.7	2.1	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	25.7	25.6	25.7	25.6	25.5	0	25.7	22.7	22.6	22.8	22.8	22.8	0	22.8
		1	12	25.7	25.7	25.7	25.7	25.6	0	25.7	22.8	22.7	22.8	22.8	22.8	0	22.8
		1	24	25.6	25.6	25.7	25.6	25.5	0	25.7	22.7	22.7	22.8	22.8	22.8	0	22.8
		12	0	24.7	24.7	24.7	24.7	24.6	1	24.7	22.8	22.7	22.8	22.8	22.8	0	22.8
		12	7	24.7	24.7	24.7	24.7	24.7	1	24.7	22.8	22.8	22.8	22.8	22.8	0	22.8
		12	13	24.7	24.7	24.7	24.7	24.6	1	24.7	22.7	22.8	22.8	22.8	22.8	0	22.8
		25	0	24.7	24.7	24.7	24.7	24.6	1	24.7	22.8	22.8	22.8	22.8	22.8	0	22.8
	16QAM	1	0	24.7	24.6	24.7	24.7	24.6	1	24.7	22.7	22.7	22.8	22.8	22.8	0	22.8
		1	12	24.7	24.7	24.7	24.7	24.7	1	24.7	22.8	22.8	22.8	22.8	22.8	0	22.8
		1	24	24.7	24.6	24.7	24.7	24.6	1	24.7	22.8	22.7	22.8	22.8	22.8	0	22.8
		12	0	23.7	23.6	23.7	23.7	23.7	2	23.7	22.6	22.5	22.8	22.8	22.7	0	22.8
		12	7	23.7	23.6	23.7	23.7	23.7	2	23.7	22.7	22.6	22.8	22.8	22.8	0	22.8
	64QAM	12	13	23.7	23.6	23.7	23.7	23.7	2	23.7	22.6	22.6	22.8	22.8	22.7	0	22.8
		25	0	23.7	23.7	23.7	23.7	23.6	2	23.7	22.6	22.6	22.7	22.8	22.7	0	22.8
		1	0	23.1	23.3	23.5	23.4	23.0	2	23.7	22.5	22.6	22.7	22.8	22.7	0	22.8
		1	12	23.2	23.4	23.6	23.5	23.1	2	23.7	22.6	22.7	22.8	22.8	22.8	0	22.8
		1	24	23.2	23.4	23.5	23.4	23.0	2	23.7	22.5	22.5	22.7	22.8	22.7	0	22.8
		12	0	22.2	22.4	22.5	22.3	22.1	3	22.7	21.6	21.6	21.8	21.8	21.8	0.1	22.7
		12	7	22.2	22.4	22.4	22.3	22.1	3	22.7	21.7	21.6	21.8	21.9	21.8	0.1	22.7
	256QAM	12	13	22.2	22.3	22.4	22.3	22.1	3	22.7	21.6	21.6	21.7	21.8	21.7	0.1	22.7
		25	0	22.2	22.4	22.4	22.3	22.1	3	22.7	21.6	21.6	21.7	21.8	21.8	0.1	22.7
		1	0	20.1	20.2	20.4	20.3	20.1	5	20.7	19.6	19.6	19.8	19.8	19.7	2.1	20.7
		1	12	20.2	20.2	20.4	20.4	20.1	5	20.7	19.6	19.7	19.8	19.9	19.8	2.1	20.7
		1	24	20.1	20.2	20.3	20.2	20.1	5	20.7	19.5	19.6	19.7	19.8	19.6	2.1	20.7
		12	0	20.2	20.3	20.4	20.3	20.1	5	20.7	19.6	19.6	19.8	19.8	19.7	2.1	20.7
		12	7	20.2	20.4	20.4	20.3	20.1	5	20.7	19.6	19.6	19.8	19.9	19.8	2.1	20.7
		12	13	20.2	20.3	20.4	20.3	20.1	5	20.7	19.5	19.6	19.7	19.8	19.7	2.1	20.7
		25	0	20.2	20.3	20.4	20.3	20.1	5	20.7	19.6	19.6	19.7	19.8	19.7	2.1	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	19.4	19.3	19.3	19.4	19.5	0	20.5	20.2	20.0	20.1	20.2	20.1	0	21.5
		1	49	19.9	19.9	19.8	19.8	19.8	0	20.5	20.6	20.6	20.6	20.5	20.5	0	21.5
		1	99	19.4	19.3	19.5	19.6	19.6	0	20.5	20.2	20.1	20.2	20.4	20.4	0	21.5
		50	0	19.6	19.4	19.4	19.5	19.6	0	20.5	20.3	20.2	20.2	20.3	20.3	0	21.5
		50	24	19.6	19.9	19.9	19.9	19.9	0	20.5	20.7	20.6	20.6	20.6	20.6	0	21.5
		50	50	19.5	19.4	19.5	19.6	19.6	0	20.5	20.3	20.1	20.2	20.3	20.3	0	21.5
		100	0	19.5	20.0	20.0	20.0	19.9	0	20.5	20.2	20.6	20.6	20.7	20.6	0	21.5
	16QAM	1	0	19.6	19.4	19.4	19.5	19.6	0	20.5	20.3	20.2	20.2	20.4	20.3	0	21.5
		1	49	19.6	19.5	19.6	19.6	19.7	0	20.5	20.4	20.2	20.2	20.5	20.4	0	21.5
		1	99	19.6	19.5	19.5	19.7	19.8	0	20.5	20.4	20.1	20.3	20.5	20.5	0	21.5
		50	0	19.6	19.4	19.4	19.6	19.6	0	20.5	20.3	20.2	20.2	20.3	20.4	0	21.5
		50	24	19.6	19.4	19.4	19.6	19.7	0	20.5	20.4	20.1	20.2	20.4	20.4	0	21.5
		50	50	19.5	19.4	19.5	19.6	19.6	0	20.5	20.3	20.1	20.2	20.3	20.4	0	21.5
		100	0	19.5	19.4	19.4	19.6	19.6	0	20.5	20.2	20.1	20.2	20.4	20.4	0	21.5
	64QAM	1	0	19.4	19.0	19.1	19.1	19.1	0	20.5	20.0	19.9	19.8	19.8	19.8	0	21.5
		1	49	19.3	19.1	19.0	19.3	19.1	0	20.5	20.1	20.0	19.7	19.9	19.8	0	21.5
		1	99	19.3	19.0	19.1	19.4	19.2	0	20.5	20.1	20.1	19.9	19.9	20.0	0	21.5
		50	0	19.3	19.2	19.3	19.2	19.2	0	20.5	20.2	20.0	19.9	19.9	19.9	0	21.5
		50	24	19.3	19.1	19.3	19.2	19.2	0	20.5	20.1	20.0	19.9	20.0	19.9	0	21.5
		50	50	19.3	19.1	19.3	19.2	19.2	0	20.5	20.1	20.0	19.9	19.9	19.9	0	21.5
		100	0	19.3	19.1	19.2	19.2	19.2	0	20.5	20.1	19.9	19.9	19.9	19.9	0	21.5
	256QAM	1	0	19.4	19.0	19.2	19.2	19.0	0	20.5	20.0	19.7	19.8	19.8	19.5	0.8	20.7
		1	49	19.3	19.1	19.2	19.2	19.0	0	20.5	20.1	19.8	19.7	19.7	19.6	0.8	20.7
		1	99	19.3	19.1	19.2	19.2	19.2	0	20.5	20.1	19.8	19.8	19.8	19.7	0.8	20.7
		50	0	19.3	19.2	19.3	19.2	19.2	0	20.5	20.1	19.9	19.8	19.8	19.8	0.8	20.7
		50	24	19.2	19.1	19.3	19.3	19.3	0	20.5	20.0	19.8	19.8	19.9	19.9	0.8	20.7
		50	50	19.2	19.2	19.3	19.2	19.2	0	20.5	20.0	19.9	19.8	19.8	19.8	0.8	20.7
		100	0	19.2	19.2	19.2	19.2	19.2	0	20.5	20.0	19.8	19.9	19.8	19.8	0.8	20.7
15	QPSK	1	0	19.5	19.3	19.3	19.4	19.4	0	20.5	20.2	20.0	20.1	20.1	20.2	0	21.5
		1	37	19.5	19.3	19.4	19.5	19.6	0	20.5	20.3	20.1	20.2	20.2	20.3	0	21.5
		1	74	19.5	19.4	19.5	19.6	19.6	0	20.5	20.2	20.1	20.2	20.3	20.3	0	21.5
		36	0	19.6	19.4	19.4	19.5	19.6	0	20.5	20.3	20.2	20.2	20.3	20.3	0	21.5
		36	20	19.6	19.3	19.5	19.6	19.6	0	20.5	20.3	20.1	20.2	20.3	20.3	0	21.5
		36	39	19.6	19.4	19.4	19.5	19.5	0	20.5	20.2	20.1	20.2	20.3	20.3	0	21.5
		75	0	19.7	19.4	19.4	19.6	19.6	0	20.5	20.3	20.1	20.1	20.3	20.4	0	21.5
	16QAM	1	0	19.5	19.2	19.4	19.4	19.4	0	20.5	20.2	20.0	20.1	20.2	20.1	0	21.5
		1	37	19.6	19.3	19.5	19.5	19.4	0	20.5	20.2	20.0	20.2	20.3	20.2	0	21.5
		1	74	19.5	19.3	19.5	19.5	19.5	0	20.5	20.2	20.0	20.2	20.3	20.2	0	21.5
		36	0	19.6	19.4	19.5	19.6	19.6	0	20.5	20.3	20.2	20.2	20.3	20.4	0	21.5
		36	20	19.6	19.4	19.5	19.6	19.6	0	20.5	20.3	20.1	20.2	20.3	20.4	0	21.5
		36	39	19.6	19.4	19.4	19.6	19.6	0	20.5	20.2	20.1	20.2	20.3	20.3	0	21.5
		75	0	19.6	19.3	19.4	19.6	19.6	0	20.5	20.3	20.1	20.2	20.3	20.4	0	21.5
	64QAM	1	0	19.3	19.1	19.2	19.0	19.1	0	20.5	20.0	19.8	19.9	19.8	19.6	0	21.5
		1	37	19.2	19.2	19.3	19.0	19.2	0	20.5	19.8	19.9	19.9	19.9	19.7	0	21.5
		1	74	19.1	19.2	19.1	19.1	19.2	0	20.5	19.9	19.9	19.9	19.8	19.7	0	21.5
		36	0	19.3	19.2	19.3	19.2	19.2	0	20.5	20.1	20.0	19.9	19.9	19.9	0	21.5
		36	20	19.3	19.2	19.3	19.2	19.2	0	20.5	20.1	20.0	20.0	19.9	20.0	0	21.5
		36	39	19.3	19.2	19.3	19.2	19.2	0	20.5	20.0	19.9	19.9	19.9	19.9	0	21.5
		75	0	19.3	19.2	19.2	19.2	19.2	0	20.5	20.1	20.0	19.9	20.0	19.9	0	21.5
	256QAM	1	0	19.3	19.1	19.1	19.1	19.0	0	20.5	20.1	19.7	19.7	19.8	19.7	0.8	20.7
		1	37	19.2	19.2	19.1	19.2	19.0	0	20.5	20.1	19.8	19.7	19.9	19.9	0.8	20.7
		1	74	19.2	19.1	19.1	19.2	19.1	0	20.5	20.0	19.8	19.7	19.8	19.8	0.8	20.7
		36	0	19.3	19.2	19.3	19.2	19.2	0	20.5	20.1	19.9	19.9	19.8	19.8	0.8	20.7
		36	20	19.3	19.2	19.3	19.2	19.2	0	20.5	20.1	19.9	19.9	19.9	19.8	0.8	20.7
		36	39	19.3	19.2	19.3	19.2	19.2	0	20.5	20.0	19.8	19.8	19.8	19.8	0.8	20.7
		75	0	19.2	19.2	19.2	19.2	19.2	0	20.5	20.0	19.9	19.8	19.9	19.9	0.8	20.7

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	19.6	19.4	19.4	19.5	19.6	0	20.5	20.5	20.3	20.3	20.4	20.4	0	21.5
		1	25	19.7	19.5	19.6	19.7	19.7	0	20.5	20.5	20.4	20.4	20.5	20.5	0	21.5
		1	49	19.6	19.5	19.5	19.6	19.7	0	20.5	20.5	20.3	20.4	20.5	20.5	0	21.5
		25	0	19.7	19.5	19.6	19.7	19.7	0	20.5	20.5	20.4	20.4	20.5	20.6	0	21.5
		25	12	19.7	19.5	19.6	19.7	19.8	0	20.5	20.6	20.4	20.5	20.6	20.6	0	21.5
		25	25	19.6	19.5	19.5	19.7	19.7	0	20.5	20.5	20.4	20.4	20.5	20.6	0	21.5
	16QAM	50	0	19.7	19.4	19.5	19.7	19.7	0	20.5	20.5	20.3	20.4	20.5	20.6	0	21.5
		1	0	19.8	19.4	19.5	19.6	19.6	0	20.5	20.4	20.3	20.3	20.3	20.6	0	21.5
		1	25	19.8	19.4	19.6	19.8	19.7	0	20.5	20.4	20.4	20.4	20.4	20.7	0	21.5
		1	49	19.8	19.4	19.6	19.8	19.6	0	20.5	20.3	20.4	20.4	20.4	20.7	0	21.5
		25	0	19.7	19.5	19.5	19.7	19.7	0	20.5	20.5	20.4	20.4	20.5	20.6	0	21.5
		25	12	19.7	19.5	19.6	19.7	19.7	0	20.5	20.5	20.3	20.4	20.6	20.7	0	21.5
	64QAM	25	25	19.6	19.5	19.5	19.6	19.6	0	20.5	20.5	20.3	20.4	20.5	20.6	0	21.5
		50	0	19.7	19.5	19.5	19.7	19.8	0	20.5	20.5	20.3	20.4	20.6	20.6	0	21.5
		1	0	19.4	19.3	19.1	19.2	19.2	0	20.5	20.3	19.9	20.0	20.1	19.9	0	21.5
		1	25	19.5	19.4	19.2	19.2	19.3	0	20.5	20.2	20.1	20.1	20.2	20.0	0	21.5
		1	49	19.4	19.4	19.2	19.2	19.2	0	20.5	20.2	20.0	20.0	20.1	20.0	0	21.5
		25	0	19.5	19.4	19.3	19.3	19.3	0	20.5	20.4	20.2	20.1	20.2	20.1	0	21.5
	256QAM	25	12	19.5	19.4	19.4	19.3	19.4	0	20.5	20.4	20.2	20.2	20.2	20.2	0	21.5
		25	25	19.4	19.3	19.3	19.4	19.3	0	20.5	20.3	20.2	20.1	20.2	20.1	0	21.5
		50	0	19.4	19.3	19.2	19.3	19.3	0	20.5	20.3	20.2	20.1	20.2	20.1	0	21.5
		1	0	19.3	19.2	19.2	19.2	19.1	0	20.5	20.3	20.1	19.9	19.9	19.8	0.8	20.7
		1	25	19.4	19.3	19.3	19.3	19.3	0	20.5	20.3	20.2	20.1	20.0	19.9	0.8	20.7
		1	49	19.2	19.2	19.2	19.2	19.2	0	20.5	20.2	20.1	20.0	19.9	19.9	0.8	20.7
		25	0	19.4	19.3	19.3	19.3	19.3	0	20.5	20.3	20.2	20.1	20.0	20.0	0.8	20.7
		25	12	19.5	19.4	19.3	19.3	19.4	0	20.5	20.4	20.2	20.1	20.1	20.1	0.8	20.7
		25	25	19.4	19.3	19.2	19.3	19.3	0	20.5	20.2	20.1	20.1	20.1	20.0	0.8	20.7
		50	0	19.4	19.3	19.2	19.3	19.3	0	20.5	20.2	20.1	20.0	20.1	20.0	0.8	20.7
		1	0	19.7	19.5	19.5	19.6	19.6	0	20.5	20.5	20.3	20.3	20.4	20.5	0	21.5
		1	12	19.7	19.6	19.5	19.7	19.7	0	20.5	20.5	20.4	20.4	20.5	20.6	0	21.5
5	QPSK	1	24	19.7	19.5	19.5	19.6	19.6	0	20.5	20.5	20.5	20.4	20.4	20.5	0	21.5
		12	0	19.7	19.6	19.6	19.7	19.7	0	20.5	20.5	20.4	20.4	20.5	20.6	0	21.5
		12	7	19.8	19.5	19.6	19.7	19.7	0	20.5	20.6	20.3	20.4	20.5	20.6	0	21.5
		12	13	19.7	19.5	19.5	19.7	19.7	0	20.5	20.5	20.3	20.3	20.5	20.6	0	21.5
		25	0	19.7	19.5	19.6	19.7	19.7	0	20.5	20.6	20.3	20.4	20.5	20.6	0	21.5
		1	0	19.7	19.7	19.5	19.6	19.8	0	20.5	20.5	20.4	20.5	20.4	20.6	0	21.5
	16QAM	1	12	19.7	19.7	19.6	19.7	19.9	0	20.5	20.5	20.5	20.6	20.5	20.6	0	21.5
		1	24	19.6	19.7	19.6	19.6	19.8	0	20.5	20.5	20.4	20.5	20.4	20.6	0	21.5
		12	0	19.8	19.6	19.6	19.7	19.8	0	20.5	20.6	20.3	20.5	20.5	20.6	0	21.5
		12	7	19.8	19.5	19.6	19.7	19.8	0	20.5	20.6	20.3	20.5	20.6	20.6	0	21.5
		12	13	19.7	19.5	19.5	19.7	19.8	0	20.5	20.5	20.3	20.4	20.6	20.6	0	21.5
		25	0	19.7	19.5	19.6	19.7	19.8	0	20.5	20.5	20.3	20.4	20.5	20.6	0	21.5
	64QAM	1	0	19.5	19.2	19.2	19.2	19.2	0	20.5	20.3	20.2	20.1	20.0	20.1	0	21.5
		1	12	19.6	19.3	19.3	19.3	19.2	0	20.5	20.4	20.2	20.2	20.2	20.1	0	21.5
		1	24	19.5	19.2	19.2	19.3	19.3	0	20.5	20.3	20.2	20.1	20.1	20.1	0	21.5
		12	0	19.6	19.3	19.3	19.3	19.3	0	20.5	20.3	20.2	20.2	20.1	20.1	0	21.5
		12	7	19.6	19.4	19.4	19.4	19.4	0	20.5	20.4	20.3	20.2	20.2	20.2	0	21.5
		12	13	19.5	19.3	19.2	19.3	19.3	0	20.5	20.3	20.2	20.1	20.2	20.2	0	21.5
	256QAM	25	0	19.5	19.4	19.3	19.3	19.3	0	20.5	20.2	20.2	20.1	20.1	20.1	0	21.5
		1	0	19.5	19.2	19.2	19.2	19.2	0	20.5	20.2	20.0	20.0	20.0	19.8	0.8	20.7
		1	12	19.5	19.3	19.4	19.2	19.3	0	20.5	20.3	20.0	20.1	20.1	19.9	0.8	20.7
		1	24	19.4	19.2	19.2	19.1	19.2	0	20.5	20.2	19.9	20.0	19.9	20.1	0.8	20.7
		12	0	19.5	19.3	19.3	19.4	19.3	0	20.5	20.2	20.1	20.1	20.0	20.5	0.8	20.7
		12	7	19.5	19.4	19.4	19.4	19.3	0	20.5	20.3	20.1	20.1	20.0	20.3	0.8	20.7
		12	13	19.5	19.3	19.3	19.3	19.3	0	20.5	20.2	20.0	20.0	20.0	20.2	0.8	20.7
		25	0	19.5	19.3	19.2	19.3	19.3	0	20.5	20.1	20.1	20.0	20.0	20.2	0.8	20.7
		1	0	19.7	19.5	19.5	19.6	19.6	0	20.5	20.5	20.3	20.3	20.4	20.5	0	21.5
		1	12	19.7	19.6	19.5	19.7	19.7	0	20.5	20.5	20.4	20.4	20.5	20.6	0	21.5
		1	24	19.7	19.5	19.5	19.6	19.6	0	20.5	20.5	20.5	20.4	20.4	20.5	0	21.5
		12	0	19.7	19.6	19.6	19.7	19.7	0	20.5	20.5	20.4	20.4	20.5	20.6	0	21.5

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	23.6	24.1	24.2	24.2	24.1	0	24.7	20.1	20.4	20.5	20.4	20.5	0	20.9
		1	49	24.1	24.2	24.2	24.2	24.1	0	24.7	20.3	20.4	20.5	20.4	20.5	0	20.9
		1	99	24.1	24.2	24.2	24.2	24.1	0	24.7	20.3	20.4	20.5	20.4	20.5	0	20.9
		50	0	24.0	24.1	24.2	24.1	24.2	0	24.7	20.4	20.5	20.5	20.4	20.5	0	20.9
		50	24	24.2	24.1	24.3	24.2	24.2	0	24.7	20.4	20.5	20.5	20.4	20.5	0	20.9
		50	50	24.2	24.1	24.3	24.2	24.2	0	24.7	20.4	20.5	20.5	20.4	20.5	0	20.9
	16QAM	100	0	24.1	24.1	24.3	24.2	24.1	0	24.7	20.3	20.3	20.4	20.3	20.4	0	20.9
		1	0	23.6	24.1	24.3	24.2	24.1	0	24.7	20.3	20.9	20.9	20.8	20.8	0	20.9
		1	49	24.2	24.2	24.2	24.3	24.2	0	24.7	20.8	20.9	20.9	20.8	20.9	0	20.9
		1	99	24.2	24.2	24.3	24.3	24.2	0	24.7	20.7	20.9	20.9	20.7	20.9	0	20.9
		50	0	23.0	23.1	23.2	23.2	23.1	1	23.7	20.6	20.8	20.8	20.7	20.7	0	20.9
		50	24	23.2	23.1	23.3	23.2	23.2	1	23.7	20.7	20.8	20.8	20.8	20.8	0	20.9
	64QAM	50	50	23.2	23.2	23.3	23.3	23.2	1	23.7	20.7	20.8	20.8	20.8	20.8	0	20.9
		100	0	23.1	23.1	23.3	23.2	23.2	1	23.7	20.6	20.8	20.8	20.8	20.8	0	20.9
		1	0	23.7	23.7	23.7	23.7	23.7	1	23.7	19.9	20.1	20.1	20.0	20.2	0	20.9
		1	49	23.2	23.1	23.3	23.2	23.2	1	23.7	20.3	20.2	20.1	20.1	20.2	0	20.9
		1	99	23.2	23.1	23.4	23.3	23.1	1	23.7	20.2	20.0	20.2	20.2	20.3	0	20.9
		50	0	22.1	22.1	22.2	22.1	22.1	2	22.7	20.3	20.1	20.2	20.1	20.1	0	20.9
15	QPSK	50	24	22.2	22.1	22.3	22.2	22.2	2	22.7	20.4	20.2	20.2	20.2	20.3	0	20.9
		50	50	22.3	22.2	22.3	22.2	22.2	2	22.7	20.4	20.2	20.2	20.2	20.3	0	20.9
		100	0	22.2	22.1	22.2	22.2	22.1	2	22.7	20.3	20.2	20.1	20.2	20.3	0	20.9
	256QAM	1	0	19.6	20.1	20.1	20.0	20.2	4	20.7	20.0	20.3	20.4	20.1	20.2	0.2	20.7
		1	49	20.1	20.2	20.1	20.2	20.2	4	20.7	20.4	20.3	20.3	20.2	20.3	0.2	20.7
		1	99	20.3	20.3	20.2	20.2	20.2	4	20.7	20.4	20.3	20.5	20.4	20.4	0.2	20.7
		50	0	20.1	20.1	20.2	20.1	20.1	4	20.7	20.4	20.3	20.4	20.3	20.3	0.2	20.7
		50	24	20.2	20.1	20.3	20.2	20.2	4	20.7	20.5	20.4	20.4	20.4	20.4	0.2	20.7
		50	50	20.3	20.2	20.3	20.2	20.2	4	20.7	20.6	20.4	20.4	20.4	20.4	0.2	20.7
	16QAM	100	0	20.2	20.1	20.3	20.1	20.1	4	20.7	20.5	20.4	20.4	20.4	20.4	0.2	20.7
		1	0	23.9	24.1	24.2	24.3	24.1	0	24.7	20.5	20.7	20.7	20.6	20.7	0	20.9
		1	37	24.2	24.2	24.3	24.3	24.2	0	24.7	20.6	20.7	20.7	20.6	20.7	0	20.9
		1	74	24.2	24.2	24.4	24.4	24.3	0	24.7	20.5	20.8	20.7	20.7	20.7	0	20.9
		36	0	24.1	24.1	24.2	24.2	24.2	0	24.7	20.6	20.9	20.8	20.7	20.7	0	20.9
		36	20	24.2	24.1	24.2	24.2	24.2	0	24.7	20.7	20.9	20.8	20.8	20.8	0	20.9
15	QPSK	36	39	24.2	24.2	24.2	24.3	24.2	0	24.7	20.6	20.8	20.8	20.8	20.8	0	20.9
		75	0	24.2	24.1	24.3	24.2	24.2	0	24.7	20.6	20.8	20.8	20.8	20.8	0	20.9
	16QAM	1	0	23.9	24.1	24.2	24.2	24.1	0	24.7	20.5	20.7	20.7	20.7	20.6	0	20.9
		1	37	24.2	24.3	24.4	24.4	24.4	0	24.7	20.6	20.6	20.7	20.7	20.6	0	20.9
		1	74	24.1	24.2	24.4	24.4	24.3	0	24.7	20.6	20.7	20.8	20.7	20.7	0	20.9
		36	0	23.1	23.1	23.2	23.2	23.1	1	23.7	20.7	20.8	20.8	20.7	20.7	0	20.9
	64QAM	36	20	23.2	23.1	23.2	23.2	23.2	1	23.7	20.7	20.9	20.8	20.8	20.8	0	20.9
		36	39	23.2	23.2	23.3	23.3	23.2	1	23.7	20.7	20.8	20.8	20.8	20.8	0	20.9
		75	0	23.2	23.1	23.2	23.2	23.2	1	23.7	20.6	20.8	20.8	20.8	20.8	0	20.9
	256QAM	1	0	23.7	23.7	23.7	23.7	23.7	1	23.7	20.0	20.2	20.1	20.0	20.2	0	20.9
		1	37	23.3	23.3	23.7	23.7	23.3	1	23.7	20.3	20.1	20.1	20.0	20.3	0	20.9
		1	74	23.3	23.2	23.7	23.4	23.3	1	23.7	20.3	20.2	20.2	20.1	20.3	0	20.9
		36	0	22.0	22.1	22.5	22.1	22.2	2	22.7	20.3	20.2	20.1	20.1	20.2	0	20.9
		36	20	22.1	22.1	22.5	22.2	22.2	2	22.7	20.3	20.2	20.2	20.2	20.2	0	20.9
		36	39	22.2	22.2	22.5	22.2	22.2	2	22.7	20.3	20.2	20.2	20.2	20.3	0	20.9
	16QAM	75	0	22.1	22.1	22.5	22.1	22.2	2	22.7	20.3	20.2	20.2	20.2	20.3	0	20.9
		1	0	19.7	19.9	20.2	20.0	20.0	4	20.7	20.4	20.2	20.4	20.2	20.2	0.2	20.7
		1	37	20.3	20.1	20.3	20.2	20.2	4	20.7	20.5	20.2	20.3	20.3	20.3	0.2	20.7
		1	74	20.3	20.2	20.3	20.2	20.2	4	20.7	20.5	20.3	20.4	20.4	20.4	0.2	20.7
		36	0	20.0	20.0	20.2	20.1	20.2	4	20.7	20.5	20.4	20.3	20.3	20.4	0.2	20.7
		36	20	20.2	20.1	20.2	20.1	20.2	4	20.7	20.5	20.4	20.4	20.4	20.4	0.2	20.7
	256QAM	36	39	20.2	20.2	20.2	20.2	20.2	4	20.7	20.6	20.4	20.4	20.4	20.5	0.2	20.7
		75	0	20.1	20.1	20.2	20.1	20.2	4	20.7	20.5	20.4	20.4	20.4	20.4	0.2	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	24.2	24.0	24.2	24.2	24.1	0	24.7	20.7	20.8	20.8	20.8	20.8	0	20.9
		1	25	24.3	24.1	24.3	24.3	24.2	0	24.7	20.7	20.9	20.9	20.8	20.9	0	20.9
		1	49	24.3	24.1	24.2	24.3	24.1	0	24.7	20.7	20.9	20.9	20.8	20.8	0	20.9
		25	0	24.3	24.0	24.2	24.1	24.1	0	24.7	20.8	20.8	20.9	20.9	20.9	0	20.9
		25	12	24.3	24.0	24.2	24.2	24.2	0	24.7	20.8	20.8	20.8	20.9	20.8	0	20.9
		25	25	24.3	24.1	24.2	24.2	24.2	0	24.7	20.7	20.9	20.8	20.9	20.8	0	20.9
		50	0	24.3	24.1	24.2	24.2	24.1	0	24.7	20.7	20.9	20.9	20.9	20.9	0	20.9
	16QAM	1	0	24.2	24.1	24.3	24.3	24.1	0	24.7	20.8	20.8	20.9	20.9	20.8	0	20.9
		1	25	24.3	24.1	24.3	24.3	24.2	0	24.7	20.8	20.9	20.8	20.8	20.8	0	20.9
		1	49	24.4	24.1	24.4	24.4	24.3	0	24.7	20.9	20.9	20.8	20.8	20.8	0	20.9
		25	0	23.3	23.0	23.2	23.1	23.1	1	23.7	20.8	20.8	20.9	20.8	20.8	0	20.9
		25	12	23.3	23.0	23.2	23.2	23.2	1	23.7	20.8	20.8	20.8	20.8	20.8	0	20.9
		25	25	23.3	23.1	23.2	23.2	23.2	1	23.7	20.8	20.8	20.8	20.8	20.8	0	20.9
		50	0	23.3	23.1	23.2	23.2	23.1	1	23.7	20.8	20.9	20.8	20.9	20.8	0	20.9
	64QAM	1	0	23.7	23.7	23.7	23.7	23.7	1	23.7	20.4	20.3	20.1	20.2	20.1	0	20.9
		1	25	23.3	23.2	23.1	23.3	23.2	1	23.7	20.5	20.4	20.2	20.3	20.3	0	20.9
		1	49	23.7	23.2	23.2	23.2	23.3	1	23.7	20.5	20.4	20.2	20.3	20.2	0	20.9
		25	0	22.7	22.0	22.1	22.1	22.1	2	22.7	20.5	20.3	20.3	20.2	20.3	0	20.9
		25	12	22.0	22.0	22.2	22.1	22.2	2	22.7	20.5	20.3	20.3	20.4	20.4	0	20.9
		25	25	22.1	22.1	22.2	22.1	22.2	2	22.7	20.5	20.3	20.3	20.4	20.4	0	20.9
		50	0	22.0	22.1	22.2	22.1	22.2	2	22.7	20.5	20.3	20.3	20.4	20.4	0	20.9
	256QAM	1	0	19.4	19.9	20.2	20.0	20.1	4	20.7	20.5	20.4	20.3	20.4	20.5	0.2	20.7
		1	25	20.1	20.0	20.2	20.1	20.2	4	20.7	20.6	20.5	20.4	20.6	20.6	0.2	20.7
		1	49	20.0	20.0	20.2	20.1	20.1	4	20.7	20.6	20.4	20.4	20.5	20.6	0.2	20.7
		25	0	19.8	20.0	20.2	20.1	20.1	4	20.7	20.6	20.5	20.5	20.4	20.5	0.2	20.7
		25	12	20.1	20.1	20.2	20.2	20.2	4	20.7	20.7	20.5	20.5	20.6	20.6	0.2	20.7
		25	25	20.1	20.1	20.2	20.2	20.2	4	20.7	20.7	20.5	20.5	20.5	20.6	0.2	20.7
		50	0	20.0	20.0	20.2	20.1	20.2	4	20.7	20.6	20.5	20.5	20.6	20.5	0.2	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	24.5	24.2	24.2	24.2	24.1	0	24.7	20.7	20.9	20.9	20.8	20.8	0	20.9
		1	12	24.6	24.2	24.3	24.3	24.2	0	24.7	20.8	20.8	20.9	20.9	20.9	0	20.9
		1	24	24.5	24.3	24.2	24.3	24.1	0	24.7	20.7	20.9	20.9	20.8	20.9	0	20.9
		12	0	24.5	24.3	24.2	24.1	24.1	0	24.7	20.8	20.8	20.9	20.9	20.9	0	20.9
		12	7	24.5	24.3	24.2	24.2	24.2	0	24.7	20.8	20.8	20.9	20.9	20.9	0	20.9
		12	13	24.5	24.3	24.2	24.2	24.2	0	24.7	20.7	20.9	20.9	20.9	20.9	0	20.9
		25	0	24.5	24.2	24.2	24.2	24.1	0	24.7	20.7	20.9	20.9	20.9	20.9	0	20.9
	16QAM	1	0	24.5	24.2	24.3	24.3	24.1	0	24.7	20.8	20.8	20.8	20.9	20.8	0	20.9
		1	12	24.6	24.3	24.3	24.3	24.2	0	24.7	20.8	20.8	20.8	20.9	20.8	0	20.9
		1	24	24.6	24.3	24.4	24.4	24.3	0	24.7	20.7	20.8	20.8	20.9	20.8	0	20.9
		12	0	23.4	23.5	23.2	23.1	23.1	1	23.7	20.8	20.8	20.8	20.8	20.9	0	20.9
		12	7	23.5	23.5	23.2	23.2	23.2	1	23.7	20.9	20.8	20.8	20.8	20.8	0	20.9
		12	13	23.4	23.5	23.2	23.2	23.2	1	23.7	20.7	20.8	20.8	20.8	20.9	0	20.9
		25	0	23.5	23.3	23.2	23.2	23.1	1	23.7	20.8	20.9	20.9	20.8	20.9	0	20.9
	64QAM	1	0	23.5	23.5	23.5	23.5	23.5	1	23.7	20.5	20.2	20.2	20.2	20.3	0	20.9
		1	12	23.2	23.5	23.1	23.3	23.2	1	23.7	20.6	20.3	20.2	20.3	20.4	0	20.9
		1	24	23.4	23.5	23.2	23.2	23.3	1	23.7	20.6	20.2	20.2	20.3	20.4	0	20.9
		12	0	22.7	22.7	22.1	22.1	22.1	2	22.7	20.4	20.3	20.3	20.2	20.3	0	20.9
		12	7	22.7	22.7	22.2	22.1	22.2	2	22.7	20.5	20.3	20.3	20.4	20.4	0	20.9
		12	13	22.7	22.7	22.2	22.1	22.2	2	22.7	20.5	20.3	20.3	20.3	20.4	0	20.9
		25	0	22.2	22.7	22.2	22.1	22.2	2	22.7	20.4	20.3	20.3	20.3	20.4	0	20.9
	256QAM	1	0	19.9	20.3	20.2	20.0	20.1	4	20.7	20.6	20.3	20.4	20.3	20.4	0.2	20.7
		1	12	20.1	20.3	20.2	20.1	20.2	4	20.7	20.7	20.4	20.5	20.5	20.5	0.2	20.7
		1	24	20.2	20.3	20.2	20.1	20.1	4	20.7	20.6	20.3	20.5	20.5	20.5	0.2	20.7
		12	0	20.1	20.2	20.2	20.1	20.1	4	20.7	20.6	20.5	20.5	20.4	20.5	0.2	20.7
		12	7	20.2	20.2	20.2	20.2	20.2	4	20.7	20.6	20.5	20.5	20.6	20.6	0.2	20.7
		12	13	20.2	20.2	20.2	20.2	20.2	4	20.7	20.7	20.5	20.5	20.6	20.6	0.2	20.7
		25	0	20.2	20.2	20.2	20.1	20.2	4	20.7	20.6	20.5	20.5	20.5	20.6	0.2	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	20.4	20.9	20.8	20.8	20.9	0	22.1	19.5	20.0	20.0	20.0	20.1	0	20.8		
		1	49	20.6	20.9	20.8	20.8	20.9	0	22.1	19.8	20.1	20.0	20.0	20.2	0	20.8		
		1	99	20.6	20.9	20.8	20.8	21.0	0	22.1	19.8	20.1	20.0	20.0	20.2	0	20.8		
		50	0	20.6	21.0	20.9	20.9	21.0	0	22.1	19.8	20.1	20.1	20.1	20.2	0	20.8		
		50	24	20.7	21.0	20.9	20.9	21.0	0	22.1	19.9	20.1	20.2	20.1	20.3	0	20.8		
		50	50	20.7	20.9	20.8	20.8	21.0	0	22.1	19.8	20.1	20.1	20.0	20.2	0	20.8		
		100	0	20.7	20.9	20.9	20.9	20.9	0	22.1	19.9	20.1	20.1	20.1	20.3	0	20.8		
	16QAM	1	0	20.4	21.0	20.9	20.9	21.1	0	22.1	19.6	20.2	20.2	20.1	20.3	0	20.8		
		1	49	20.7	21.1	20.8	20.9	21.1	0	22.1	19.9	20.3	20.2	20.1	20.3	0	20.8		
		1	99	20.7	21.0	20.9	20.9	21.2	0	22.1	19.9	20.3	20.1	20.1	20.3	0	20.8		
		50	0	20.6	21.0	20.9	20.9	21.0	0	22.1	19.8	20.2	20.2	20.1	20.3	0	20.8		
		50	24	20.7	21.0	21.0	20.9	21.1	0	22.1	19.9	20.1	20.2	20.1	20.3	0	20.8		
		50	50	20.7	20.9	20.9	20.9	21.0	0	22.1	19.9	20.1	20.1	20.1	20.3	0	20.8		
		100	0	20.7	21.0	20.9	20.9	21.1	0	22.1	19.9	20.1	20.2	20.1	20.3	0	20.8		
	64QAM	1	0	20.6	20.6	20.6	20.5	20.5	0	22.1	19.3	19.7	19.6	19.7	19.9	0	20.8		
		1	49	20.6	20.7	20.5	20.6	20.6	0	22.1	19.7	20.0	19.6	19.8	19.9	0	20.8		
		1	99	20.7	20.5	20.6	20.7	20.6	0	22.1	19.8	19.9	19.6	19.9	20.0	0	20.8		
		50	0	20.4	20.7	20.5	20.6	20.8	0	22.1	19.6	20.0	19.7	19.8	20.0	0	20.8		
		50	24	20.5	20.8	20.5	20.7	20.8	0	22.1	19.7	20.0	19.8	19.9	20.1	0	20.8		
		50	50	20.6	20.6	20.5	20.6	20.8	0	22.1	19.8	19.9	19.7	19.9	20.0	0	20.8		
		100	0	20.5	20.8	20.5	20.7	20.8	0	22.1	19.7	20.0	19.7	19.9	20.0	0	20.8		
	256QAM	1	0	19.6	20.0	19.8	20.0	20.0	1.4	20.7	19.5	19.9	19.6	19.7	19.7	0.1	20.7		
		1	49	19.9	20.0	19.8	20.1	20.1	1.4	20.7	19.8	19.9	19.7	19.8	19.8	0.1	20.7		
		1	99	20.1	20.0	19.8	20.1	20.0	1.4	20.7	19.9	19.9	19.7	19.9	19.9	0.1	20.7		
		50	0	19.8	20.2	19.9	20.0	20.2	1.4	20.7	19.6	20.0	19.7	19.8	20.0	0.1	20.7		
		50	24	19.9	20.2	19.9	20.1	20.2	1.4	20.7	19.7	20.1	19.7	19.9	20.1	0.1	20.7		
		50	50	20.0	20.1	19.9	20.0	20.2	1.4	20.7	19.8	20.0	19.7	19.8	20.0	0.1	20.7		
		100	0	19.9	20.2	19.9	20.1	20.2	1.4	20.7	19.7	20.0	19.7	19.8	20.0	0.1	20.7		
15	QPSK	1	0	20.4	20.9	20.8	20.7	20.9	0	22.1	19.5	20.0	20.1	20.0	20.1	0	20.8		
		1	37	20.5	20.9	20.8	20.8	20.9	0	22.1	19.8	20.0	20.0	20.0	20.1	0	20.8		
		1	74	20.6	21.0	20.8	20.8	21.0	0	22.1	19.8	20.0	20.1	20.0	20.2	0	20.8		
		36	0	20.6	21.0	20.9	20.9	21.0	0	22.1	19.8	20.0	20.1	20.0	20.2	0	20.8		
		36	20	20.7	20.9	20.9	20.9	21.0	0	22.1	19.9	20.0	20.1	20.1	20.2	0	20.8		
		36	39	20.6	20.9	20.8	20.8	20.9	0	22.1	19.8	20.0	20.0	20.0	20.1	0	20.8		
		75	0	20.7	20.9	20.9	20.9	21.0	0	22.1	19.9	20.0	20.1	20.1	20.2	0	20.8		
	16QAM	1	0	20.4	20.8	20.8	20.8	20.8	0	22.1	19.7	20.0	20.1	20.0	20.0	0	20.8		
		1	37	20.6	20.8	20.9	20.9	20.9	0	22.1	19.8	20.0	20.1	20.0	20.1	0	20.8		
		1	74	20.7	20.8	20.8	20.8	20.8	0	22.1	19.8	20.0	20.1	20.0	20.1	0	20.8		
		36	0	20.6	21.0	20.9	20.9	21.0	0	22.1	19.8	20.0	20.2	20.1	20.2	0	20.8		
		36	20	20.7	20.9	20.9	20.9	21.0	0	22.1	19.9	20.0	20.1	20.1	20.2	0	20.8		
		36	39	20.6	20.9	20.8	20.8	21.0	0	22.1	19.8	20.0	20.1	20.0	20.2	0	20.8		
		75	0	20.7	20.9	20.9	20.9	21.0	0	22.1	19.9	20.0	20.2	20.1	20.3	0	20.8		
	64QAM	1	0	20.6	20.5	20.6	20.4	20.5	0	22.1	19.4	19.8	19.6	19.7	19.6	0	20.8		
		1	37	20.3	20.5	20.5	20.5	20.6	0	22.1	19.7	19.9	19.7	19.7	19.7	0	20.8		
		1	74	20.5	20.5	20.4	20.5	20.6	0	22.1	19.7	19.9	19.7	19.7	19.7	0	20.8		
		36	0	20.4	20.7	20.5	20.6	20.8	0	22.1	19.6	19.9	19.7	19.8	20.0	0	20.8		
		36	20	20.5	20.7	20.5	20.6	20.8	0	22.1	19.7	19.9	19.7	19.9	20.0	0	20.8		
		36	39	20.5	20.7	20.5	20.6	20.7	0	22.1	19.7	19.9	19.6	19.8	19.9	0	20.8		
		75	0	20.5	20.7	20.5	20.6	20.8	0	22.1	19.6	19.9	19.7	19.8	20.0	0	20.8		
	256QAM	1	0	19.7	20.0	19.7	19.9	20.0	1.4	20.7	19.4	19.9	19.5	19.6	19.8	0.1	20.7		
		1	37	19.9	20.2	19.8	20.0	20.1	1.4	20.7	19.8	19.9	19.6	19.8	19.8	0.1	20.7		
		1	74	20.0	20.1	19.7	19.9	20.1	1.4	20.7	19.8	19.8	19.5	19.9	19.9	0.1	20.7		
		36	0	19.8	20.2	19.9	20.0	20.1	1.4	20.7	19.6	20.0	19.7	19.8	19.9	0.1	20.7		
		36	20	19.9	20.2	19.9	20.0	20.2	1.4	20.7	19.7	20.0	19.7	19.8	20.0	0.1	20.7		
		36	39	19.9	20.1	19.8	20.0	20.1	1.4	20.7	19.8	19.9	19.6	19.8	19.9	0.1	20.7		
		75	0	19.8	20.1	19.9	20.0	20.2	1.4	20.7	19.6	20.0	19.7	19.8	20.0	0.1	20.7		

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

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)							Power Mode B (dBm)						
				39750	40185	40620	41055	41490	MPR	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	20.6	21.0	20.9	20.8	21.0	0	22.1	19.8	20.1	20.1	20.1	20.2	0	20.8
		1	25	20.7	21.1	20.9	20.9	21.1	0	22.1	19.9	20.2	20.1	20.1	20.3	0	20.8
		1	49	20.7	21.0	20.9	20.9	21.0	0	22.1	20.0	20.2	20.0	20.1	20.2	0	20.8
		25	0	20.7	21.1	20.9	21.0	21.1	0	22.1	19.9	20.2	20.2	20.2	20.3	0	20.8
		25	12	20.8	21.0	21.0	21.0	21.1	0	22.1	20.0	20.2	20.2	20.2	20.4	0	20.8
		25	25	20.7	21.0	20.9	21.0	21.1	0	22.1	19.9	20.2	20.1	20.1	20.4	0	20.8
		50	0	20.8	21.0	21.0	21.0	21.1	0	22.1	20.0	20.2	20.1	20.2	20.3	0	20.8
	16QAM	1	0	20.7	20.9	20.9	20.9	20.9	0	22.1	19.9	20.1	20.1	20.2	20.1	0	20.8
		1	25	20.8	20.9	21.0	21.0	21.0	0	22.1	20.0	20.1	20.1	20.3	20.2	0	20.8
		1	49	20.8	20.9	20.9	21.0	20.9	0	22.1	20.0	20.1	20.1	20.2	20.2	0	20.8
		25	0	20.7	21.1	21.0	21.0	21.2	0	22.1	19.9	20.3	20.2	20.2	20.3	0	20.8
		25	12	20.8	21.1	21.0	21.0	21.2	0	22.1	20.0	20.2	20.2	20.2	20.4	0	20.8
		25	25	20.7	21.1	20.9	21.0	21.2	0	22.1	19.9	20.2	20.1	20.1	20.4	0	20.8
		50	0	20.8	21.0	21.0	21.0	21.2	0	22.1	20.0	20.2	20.2	20.2	20.4	0	20.8
	64QAM	1	0	20.4	20.7	20.7	20.6	20.9	0	22.1	19.7	19.9	19.7	19.7	19.7	0	20.8
		1	25	20.5	20.7	20.7	20.7	20.9	0	22.1	19.9	20.0	19.8	19.8	19.9	0	20.8
		1	49	20.5	20.7	20.7	20.7	20.9	0	22.1	19.9	19.9	19.7	19.8	19.9	0	20.8
		25	0	20.7	20.9	20.7	20.8	20.9	0	22.1	19.8	20.1	19.8	20.0	20.1	0	20.8
		25	12	20.7	20.9	20.7	20.8	21.0	0	22.1	19.9	20.1	19.8	20.0	20.2	0	20.8
		25	25	20.7	20.9	20.6	20.7	20.9	0	22.1	19.9	20.0	19.8	19.9	20.1	0	20.8
		50	0	20.7	20.9	20.7	20.8	21.0	0	22.1	19.8	20.1	19.9	20.0	20.2	0	20.8
	256QAM	1	0	19.9	20.1	19.9	20.0	20.2	1.4	20.7	19.7	20.0	19.7	19.9	20.0	0.1	20.7
		1	25	20.0	20.2	20.0	20.2	20.3	1.4	20.7	19.8	20.1	19.8	20.0	20.1	0.1	20.7
		1	49	20.1	20.1	19.9	20.1	20.2	1.4	20.7	19.8	20.0	19.7	19.9	20.0	0.1	20.7
		25	0	20.0	20.3	20.0	20.2	20.4	1.4	20.7	19.8	20.1	19.8	20.0	20.1	0.1	20.7
		25	12	20.0	20.3	20.1	20.2	20.4	1.4	20.7	19.9	20.1	19.9	20.0	20.2	0.1	20.7
		25	25	20.1	20.2	20.0	20.2	20.3	1.4	20.7	19.9	20.0	19.8	20.0	20.1	0.1	20.7
		50	0	20.0	20.3	20.1	20.2	20.4	1.4	20.7	19.8	20.1	19.9	20.0	20.1	0.1	20.7
BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)							Power Mode B (dBm)						
				39750	40185	40620	41055	41490	MPR	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	20.8	21.0	20.9	20.8	21.0	0	22.1	19.9	20.2	20.1	20.0	20.2	0	20.8
		1	12	20.7	21.0	20.9	20.9	21.1	0	22.1	19.9	20.3	20.2	20.1	20.3	0	20.8
		1	24	20.7	21.0	21.0	20.9	21.1	0	22.1	19.9	20.2	20.1	20.1	20.2	0	20.8
		12	0	20.6	21.0	20.9	20.9	21.0	0	22.1	19.9	20.3	20.2	20.1	20.3	0	20.8
		12	7	20.7	21.0	20.9	20.9	21.0	0	22.1	20.0	20.2	20.2	20.2	20.4	0	20.8
		12	13	20.7	21.1	21.0	21.0	21.1	0	22.1	19.9	20.1	20.1	20.1	20.3	0	20.8
		25	0	20.7	21.1	21.0	21.0	21.1	0	22.1	19.9	20.2	20.2	20.1	20.3	0	20.8
	16QAM	1	0	20.5	21.0	21.0	20.8	21.0	0	22.1	19.9	20.4	20.2	20.1	20.4	0	20.8
		1	12	20.6	21.1	21.1	20.9	21.2	0	22.1	19.9	20.4	20.3	20.2	20.5	0	20.8
		1	24	20.6	21.1	21.1	20.8	21.2	0	22.1	19.9	20.3	20.2	20.1	20.4	0	20.8
		12	0	20.8	21.0	21.0	21.0	21.1	0	22.1	20.0	20.2	20.2	20.1	20.3	0	20.8
		12	7	20.9	21.0	21.0	21.0	21.1	0	22.1	20.0	20.2	20.3	20.2	20.4	0	20.8
		12	13	20.9	21.1	21.1	21.0	21.1	0	22.1	20.0	20.2	20.1	20.2	20.4	0	20.8
		25	0	20.8	21.1	21.0	21.0	21.1	0	22.1	20.0	20.2	20.2	20.2	20.4	0	20.8
	64QAM	1	0	20.6	20.7	20.6	20.5	20.7	0	22.1	19.8	20.0	19.7	19.7	20.0	0	20.8
		1	12	20.6	20.8	20.7	20.6	20.8	0	22.1	20.0	20.1	19.8	19.9	20.1	0	20.8
		1	24	20.6	20.8	20.7	20.6	20.9	0	22.1	20.0	20.1	19.7	19.9	20.0	0	20.8
		12	0	20.6	20.9	20.6	20.7	20.9	0	22.1	19.8	20.0	19.8	19.9	20.1	0	20.8
		12	7	20.6	20.9	20.7	20.8	20.9	0	22.1	19.9	20.1	19.9	20.0	20.1	0	20.8
		12	13	20.7	21.0	20.7	20.8	21.0	0	22.1	19.9	20.1	19.9	20.0	20.1	0	20.8
		25	0	20.6	20.9	20.7	20.8	20.9	0	22.1	19.9	20.1	19.9	20.0	20.1	0	20.8
	256QAM	1	0	19.9	20.3	19.9	20.0	20.2	1.4	20.7	19.7	20.0	19.7	19.9	20.0	0.1	20.7
		1	12	20.0	20.4	20.0	20.2	20.3	1.4	20.7	19.9	20.0	19.9	20.0	20.1	0.1	20.7
		1	24	20.1	20.4	20.0	20.1	20.3	1.4	20.7	19.9	20.0	19.9	20.0	20.1	0.1	20.7
		12	0	19.9	20.3	20.0	20.1	20.3	1.4	20.7	19.8	20.0	19.8	19.9	20.1	0.1	20.7
		12	7	20.0	20.3	20.1	20.2	20.4	1.4	20.7	19.8	20.1	19.9	20.0	20.1	0.1	20.7
		12	13	20.1	20.4	20.1	20.2	20.4	1.4	20.7	19.9	20.1	19.9	20.0	20.1	0.1	20.7
		25	0	20.0	20.3	20.0	20.2	20.4	1.4	20.7	19.8	20.1	19.9	20.0	20.1	0.1	20.7

LTE Band 41 Power Class 2 Measured Results (ANT1)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)						
				39750	40185	40620	41055	41490	MPR	Max Output Power
				2506 MHz	2549.5 MHz	2593 MHz	2636.5 MHz	2680 MHz		
20	QPSK	1	0	27.5	27.4	27.4	27.5	27.5	0	28.1
		1	49	27.5	27.4	27.5	27.5	27.5	0	28.1
		1	99	27.4	27.4	27.5	27.5	27.5	0	28.1
		50	0	27.1	27.1	27.0	27.1	27.1	0.4	27.7
		50	24	27.1	27.1	27.0	27.1	27.1	0.4	27.7
		50	50	27.0	27.1	27.0	27.1	27.1	0.4	27.7
		100	0	27.1	27.0	27.1	27.1	27.1	0.4	27.7
	16QAM	1	0	27.1	27.1	27.1	27.0	27.1	0.4	27.7
		1	49	27.1	27.1	27.1	27.1	27.1	0.4	27.7
		1	99	27.1	27.1	27.0	27.0	27.1	0.4	27.7
		50	0	26.1	26.0	26.1	26.1	26.1	1.4	26.7
		50	24	26.0	26.1	26.1	26.1	26.1	1.4	26.7
		50	50	26.1	26.0	26.1	26.1	26.1	1.4	26.7
		100	0	26.0	26.0	26.0	26.1	26.0	1.4	26.7
	64QAM	1	0	26.1	26.1	26.0	26.1	26.0	1.4	26.7
		1	49	26.1	26.1	26.0	26.1	26.1	1.4	26.7
		1	99	26.1	26.0	26.1	26.1	26.0	1.4	26.7
		50	0	25.1	25.0	25.1	25.1	25.0	2.4	25.7
		50	24	25.0	25.1	25.1	25.0	25.1	2.4	25.7
		50	50	25.1	25.1	25.1	25.1	25.1	2.4	25.7
		100	0	25.0	25.0	25.0	25.1	25.0	2.4	25.7
	256QAM	1	0	23.1	23.1	23.1	23.1	23.1	4.4	23.7
		1	49	23.1	23.0	23.0	23.0	23.0	4.4	23.7
		1	99	23.1	23.1	23.1	23.0	23.1	4.4	23.7
		50	0	23.1	23.0	23.1	23.1	23.0	4.4	23.7
		50	24	23.0	23.1	23.1	23.1	23.1	4.4	23.7
		50	50	23.1	23.1	23.1	23.1	23.1	4.4	23.7
		100	0	23.1	23.1	23.1	23.1	23.1	4.4	23.7
15	QPSK	1	0	27.5	27.5	27.4	27.4	27.5	0	28.1
		1	37	27.5	27.5	27.4	27.5	27.5	0	28.1
		1	74	27.4	27.5	27.5	27.5	27.5	0	28.1
		36	0	27.0	27.1	27.0	27.0	27.0	0.4	27.7
		36	20	27.1	27.1	27.0	27.1	27.0	0.4	27.7
		36	39	27.0	27.1	27.0	27.0	27.1	0.4	27.7
		75	0	27.1	27.1	27.1	27.1	27.0	0.4	27.7
	16QAM	1	0	27.1	27.1	27.0	27.1	27.1	0.4	27.7
		1	37	27.1	27.1	27.1	27.1	27.1	0.4	27.7
		1	74	27.0	27.1	27.0	27.1	27.1	0.4	27.7
		36	0	26.1	26.0	26.1	26.0	26.1	1.4	26.7
		36	20	26.0	26.1	26.0	26.1	26.1	1.4	26.7
		36	39	26.1	26.0	26.1	26.1	26.0	1.4	26.7
		75	0	26.1	26.1	26.1	26.0	26.1	1.4	26.7
	64QAM	1	0	26.1	26.1	26.1	26.1	26.0	1.4	26.7
		1	37	26.0	26.0	26.1	26.1	26.1	1.4	26.7
		1	74	26.0	26.0	26.0	26.0	26.1	1.4	26.7
		36	0	25.0	25.1	25.1	25.1	25.0	2.4	25.7
		36	20	25.0	25.0	25.1	25.1	25.0	2.4	25.7
		36	39	25.0	25.0	25.1	25.0	25.1	2.4	25.7
		75	0	25.1	25.1	25.1	25.1	25.1	2.4	25.7
	256QAM	1	0	23.0	23.1	23.1	23.1	23.1	4.4	23.7
		1	37	23.1	23.0	23.1	23.1	23.1	4.4	23.7
		1	74	23.0	23.0	23.1	23.0	23.0	4.4	23.7
		36	0	23.0	23.1	23.1	23.1	23.1	4.4	23.7
		36	20	23.1	23.1	23.1	23.1	23.1	4.4	23.7
		36	39	23.1	23.1	23.1	23.0	23.1	4.4	23.7
		75	0	23.1	23.0	23.0	23.1	23.0	4.4	23.7

LTE Band 41 Power Class 2 Measured Results (ANT1) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						
				39750	40185	40620	41055	41490	MFR	Max Output Power
				2506 MHz	2549.5 MHz	2593 MHz	2636.5 MHz	2680 MHz		
10	QPSK	1	0	27.5	27.5	27.5	27.4	27.5	0	28.1
		1	25	27.5	27.4	27.5	27.4	27.4	0	28.1
		1	49	27.4	27.4	27.5	27.5	27.5	0	28.1
		25	0	27.1	27.1	27.0	27.0	27.0	0.4	27.7
		25	12	27.1	27.1	27.1	27.1	27.0	0.4	27.7
		25	25	27.1	27.1	27.1	27.0	27.0	0.4	27.7
	16QAM	50	0	27.1	27.1	27.1	27.1	27.1	0.4	27.7
		1	0	27.0	27.1	27.1	27.1	27.0	0.4	27.7
		1	25	27.1	27.1	27.1	27.1	27.1	0.4	27.7
		1	49	27.1	27.1	27.0	27.1	27.0	0.4	27.7
		25	0	26.1	26.0	26.0	26.1	26.1	1.4	26.7
		25	12	26.1	26.0	26.1	26.0	26.1	1.4	26.7
	64QAM	25	25	26.0	26.1	26.1	26.1	26.1	1.4	26.7
		50	0	26.1	26.0	26.1	26.0	26.1	1.4	26.7
		1	0	26.1	26.0	26.0	26.0	26.1	1.4	26.7
		1	25	26.0	26.1	26.1	26.0	26.0	1.4	26.7
		1	49	26.0	26.0	26.1	26.1	26.0	1.4	26.7
		25	0	25.1	25.1	25.1	25.0	25.1	2.4	25.7
	256QAM	25	12	25.0	25.0	25.1	25.0	25.1	2.4	25.7
		25	25	25.1	25.1	25.1	25.0	25.1	2.4	25.7
		50	0	25.1	25.1	25.1	25.1	25.1	2.4	25.7
		1	0	23.1	23.1	23.1	23.1	23.0	4.4	23.7
		1	25	23.1	23.0	23.1	23.0	23.1	4.4	23.7
		1	49	23.1	23.0	23.1	23.1	23.1	4.4	23.7
5	QPSK	25	0	23.1	23.1	23.0	23.1	23.1	4.4	23.7
		25	12	23.1	23.0	23.0	23.1	23.0	4.4	23.7
		25	25	23.1	23.1	23.1	23.1	23.0	4.4	23.7
	16QAM	50	0	23.1	23.0	23.1	23.1	23.0	4.4	23.7
		1	0	27.1	27.0	27.1	27.1	27.0	0.4	27.7
1		12	27.1	27.1	27.1	27.0	27.1	0.4	27.7	
1		24	27.1	27.0	27.0	27.0	27.0	0.4	27.7	
12		0	26.1	26.0	26.1	26.1	26.1	1.4	26.7	
12		7	26.0	26.1	26.0	26.0	26.0	1.4	26.7	
64QAM	12	13	26.0	26.1	26.1	26.0	26.1	1.4	26.7	
	25	0	26.1	26.1	26.1	26.0	26.1	1.4	26.7	
	1	0	26.1	26.1	26.0	26.0	26.1	1.4	26.7	
	1	12	26.0	26.1	26.1	26.1	26.0	1.4	26.7	
	1	24	26.0	26.1	26.1	26.0	26.1	1.4	26.7	
	12	0	25.1	25.1	25.1	25.1	25.1	2.4	25.7	
256QAM	12	7	25.1	25.1	25.1	25.1	25.0	2.4	25.7	
	12	13	25.0	25.1	25.0	25.1	25.1	2.4	25.7	
	25	0	25.1	25.1	25.0	25.1	25.1	2.4	25.7	
	1	0	23.0	23.1	23.1	23.1	23.1	4.4	23.7	
	1	12	23.1	23.0	23.1	23.0	23.1	4.4	23.7	
	1	24	23.1	23.1	23.1	23.0	23.1	4.4	23.7	

LTE Band 48 Measured Results (ANT7)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)						Power Mode B (dBm)					
				55340	55773	56207	56640	MPR	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	24.4	24.3	24.3	24.2	0	25.0	21.6	21.5	21.5	21.6	0	22.8
		1	49	24.4	24.3	24.3	24.2	0	25.0	22.3	22.4	22.2	21.9	0	22.8
		1	99	24.4	24.3	24.2	24.1	0	25.0	21.5	21.5	21.5	21.5	0	22.8
		50	0	24.5	24.5	24.4	24.3	0	25.0	21.6	21.6	21.6	21.6	0	22.8
		50	24	24.6	24.5	24.5	24.3	0	25.0	22.4	22.5	22.4	22.1	0	22.8
		50	50	24.6	24.5	24.4	24.2	0	25.0	21.6	21.6	21.7	21.6	0	22.8
	16QAM	100	0	24.5	24.4	24.4	24.2	0	25.0	22.4	22.4	22.4	22.0	0	22.8
		1	0	24.6	24.4	24.4	24.3	0	25.0	21.6	21.7	21.6	21.7	0	22.8
		1	49	24.6	24.4	24.4	24.3	0	25.0	21.6	21.8	21.6	21.7	0	22.8
		1	99	24.5	24.4	24.3	24.1	0	25.0	21.5	21.7	21.6	21.6	0	22.8
		50	0	23.6	23.5	23.5	23.3	1	24.0	21.6	21.6	21.6	21.7	0	22.8
		50	24	23.6	23.5	23.5	23.3	1	24.0	21.6	21.7	21.7	21.7	0	22.8
	64QAM	50	50	23.6	23.5	23.5	23.2	1	24.0	21.6	21.6	21.7	21.7	0	22.8
		100	0	23.6	23.5	23.4	23.3	1	24.0	21.6	21.6	21.7	21.6	0	22.8
		1	0	23.5	23.6	23.1	23.2	1	24.0	22.2	22.2	21.5	22.0	0	22.8
		1	49	23.6	23.6	23.2	23.2	1	24.0	22.2	22.2	21.5	21.9	0	22.8
		1	99	23.6	23.5	23.1	23.0	1	24.0	22.1	22.2	21.5	21.8	0	22.8
		50	0	22.6	22.5	22.3	22.3	2	23.0	22.1	22.1	21.6	21.9	0	22.8
15	QPSK	50	24	22.6	22.5	22.3	22.3	2	23.0	22.2	22.1	21.7	21.9	0	22.8
		50	50	22.6	22.5	22.3	22.3	2	23.0	22.1	22.1	21.7	21.8	0	22.8
		100	0	22.6	22.5	22.3	22.3	2	23.0	22.2	22.1	21.7	21.8	0	22.8
	256QAM	1	0	20.6	20.4	20.3	20.3	4	21.0	20.1	19.9	19.8	19.9	1.8	21.0
		1	49	20.6	20.4	20.3	20.2	4	21.0	20.1	20.0	19.9	19.9	1.8	21.0
		1	99	20.6	20.4	20.4	20.1	4	21.0	20.1	20.0	19.9	19.8	1.8	21.0
	16QAM	50	0	20.6	20.5	20.3	20.3	4	21.0	20.1	20.1	19.9	19.9	1.8	21.0
		50	24	20.6	20.6	20.3	20.3	4	21.0	20.2	20.1	19.9	19.9	1.8	21.0
		50	50	20.6	20.5	20.3	20.2	4	21.0	20.2	20.1	19.9	19.8	1.8	21.0
		100	0	20.6	20.6	20.3	20.2	4	21.0	20.1	20.1	19.9	19.9	1.8	21.0
	64QAM	1	0	23.3	23.3	23.1	23.2	1	24.0	22.1	22.0	21.5	21.9	0	22.8
		1	37	23.3	23.3	23.2	23.2	1	24.0	22.2	22.0	21.5	21.9	0	22.8
		1	74	23.3	23.2	23.1	23.1	1	24.0	22.2	22.1	21.6	21.8	0	22.8
		36	0	22.6	22.5	22.3	22.3	2	23.0	22.2	22.1	21.6	21.9	0	22.8
		36	20	22.6	22.5	22.3	22.3	2	23.0	22.1	22.1	21.6	21.8	0	22.8
		36	39	22.6	22.5	22.3	22.2	2	23.0	22.2	22.1	21.6	21.8	0	22.8
15	256QAM	75	0	22.6	22.5	22.3	22.3	2	23.0	22.2	22.1	21.6	21.8	0	22.8
		1	0	20.6	20.5	20.3	20.1	4	21.0	19.9	20.0	19.8	19.8	1.8	21.0
		1	37	20.6	20.4	20.3	20.1	4	21.0	20.0	20.0	19.8	19.9	1.8	21.0
		1	74	20.6	20.5	20.3	20.1	4	21.0	20.0	20.1	19.9	19.8	1.8	21.0
		36	0	20.6	20.5	20.3	20.3	4	21.0	20.1	20.1	19.9	19.9	1.8	21.0
		36	20	20.6	20.5	20.3	20.3	4	21.0	20.1	20.1	19.9	19.8	1.8	21.0
	16QAM	36	39	20.6	20.5	20.3	20.3	4	21.0	20.1	20.1	19.9	19.8	1.8	21.0
		75	0	20.6	20.5	20.3	20.3	4	21.0	20.2	20.1	19.9	19.9	1.8	21.0
		1	0	24.3	24.3	24.3	24.1	0	25.0	21.5	21.5	21.5	21.5	0	22.8
		1	37	24.4	24.3	24.3	24.1	0	25.0	21.6	21.6	21.6	21.6	0	22.8
		1	74	24.3	24.3	24.2	24.0	0	25.0	21.5	21.5	21.6	21.5	0	22.8
		36	0	24.5	24.5	24.5	24.2	0	25.0	21.7	21.6	21.6	21.7	0	22.8
	QPSK	36	20	24.5	24.5	24.5	24.2	0	25.0	21.7	21.6	21.6	21.7	0	22.8
		36	39	24.5	24.5	24.5	24.2	0	25.0	21.6	21.6	21.7	21.6	0	22.8
		75	0	24.5	24.5	24.5	24.3	0	25.0	21.6	21.6	21.7	21.7	0	22.8
		1	0	24.4	24.4	24.4	24.2	0	25.0	21.5	21.4	21.5	21.5	0	22.8
		1	37	24.5	24.4	24.4	24.1	0	25.0	21.6	21.5	21.6	21.6	0	22.8
		1	74	24.4	24.4	24.3	24.1	0	25.0	21.5	21.4	21.5	21.5	0	22.8

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	24.5	24.5	24.5	24.3	0	25.0	21.7	21.6	21.7	21.7	0	22.8
		1	25	24.6	24.5	24.6	24.3	0	25.0	21.7	21.7	21.7	21.7	0	22.8
		1	49	24.5	24.5	24.4	24.2	0	25.0	21.7	21.7	21.7	21.7	0	22.8
		25	0	24.6	24.6	24.6	24.3	0	25.0	21.7	21.7	21.7	21.7	0	22.8
		25	12	24.6	24.6	24.6	24.3	0	25.0	21.8	21.7	21.8	21.7	0	22.8
		25	25	24.6	24.6	24.6	24.3	0	25.0	21.7	21.7	21.7	21.7	0	22.8
		50	0	24.6	24.6	24.6	24.3	0	25.0	21.7	21.7	21.7	21.7	0	22.8
	16QAM	1	0	24.5	24.5	24.5	24.3	0	25.0	21.8	21.5	21.7	21.7	0	22.8
		1	25	24.5	24.5	24.5	24.3	0	25.0	21.8	21.6	21.8	21.8	0	22.8
		1	49	24.5	24.4	24.4	24.3	0	25.0	21.8	21.6	21.8	21.7	0	22.8
		25	0	23.5	23.4	23.4	23.3	1	24.0	21.8	21.7	21.7	21.7	0	22.8
		25	12	23.5	23.4	23.4	23.3	1	24.0	21.8	21.7	21.7	21.8	0	22.8
		25	25	23.5	23.4	23.4	23.3	1	24.0	21.8	21.7	21.7	21.7	0	22.8
		50	0	23.4	23.4	23.4	23.3	1	24.0	21.8	21.7	21.7	21.7	0	22.8
	64QAM	1	0	23.6	23.4	23.2	23.3	1	24.0	22.3	22.1	21.6	21.9	0	22.8
		1	25	23.6	23.4	23.3	23.2	1	24.0	22.4	22.1	21.6	21.9	0	22.8
		1	49	23.6	23.4	23.2	23.2	1	24.0	22.3	22.1	21.5	21.9	0	22.8
		25	0	22.6	22.5	22.2	22.4	2	23.0	22.3	22.2	21.8	22.0	0	22.8
		25	12	22.6	22.5	22.2	22.4	2	23.0	22.3	22.3	21.8	22.0	0	22.8
		25	25	22.6	22.5	22.2	22.4	2	23.0	22.3	22.3	21.8	22.0	0	22.8
		50	0	22.6	22.5	22.2	22.4	2	23.0	22.3	22.2	21.7	22.0	0	22.8
	256QAM	1	0	20.5	20.4	20.1	20.2	4	21.0	20.2	20.2	19.9	19.9	1.8	21.0
		1	25	20.6	20.4	20.1	20.3	4	21.0	20.3	20.3	19.9	19.9	1.8	21.0
		1	49	20.5	20.4	20.1	20.3	4	21.0	20.3	20.2	19.9	19.8	1.8	21.0
		25	0	20.6	20.4	20.2	20.4	4	21.0	20.3	20.2	19.9	19.9	1.8	21.0
		25	12	20.6	20.5	20.2	20.4	4	21.0	20.3	20.3	20.0	20.0	1.8	21.0
		25	25	20.6	20.5	20.2	20.4	4	21.0	20.3	20.2	20.0	19.9	1.8	21.0
		50	0	20.6	20.5	20.2	20.4	4	21.0	20.3	20.2	19.9	19.9	1.8	21.0
5	QPSK	1	0	24.5	24.5	24.5	24.2	0	25.0	21.7	21.6	21.7	21.6	0	22.8
		1	12	24.6	24.6	24.5	24.3	0	25.0	21.8	21.7	21.8	21.7	0	22.8
		1	24	24.5	24.5	24.5	24.2	0	25.0	21.7	21.7	21.7	21.7	0	22.8
		12	0	24.6	24.6	24.5	24.3	0	25.0	21.8	21.7	21.7	21.7	0	22.8
		12	7	24.6	24.6	24.6	24.3	0	25.0	21.7	21.7	21.8	21.7	0	22.8
		12	13	24.6	24.6	24.6	24.3	0	25.0	21.7	21.7	21.7	21.7	0	22.8
		25	0	24.6	24.6	24.5	24.3	0	25.0	21.8	21.7	21.7	21.7	0	22.8
	16QAM	1	0	24.6	24.6	24.6	24.4	0	25.0	21.7	21.8	21.6	21.7	0	22.8
		1	12	24.5	24.5	24.6	24.5	0	25.0	21.8	21.9	21.7	21.7	0	22.8
		1	24	24.4	24.4	24.6	24.4	0	25.0	21.7	21.8	21.7	21.7	0	22.8
		12	0	23.4	23.4	23.6	23.3	1	24.0	21.7	21.6	21.7	21.7	0	22.8
		12	7	23.4	23.5	23.6	23.3	1	24.0	21.7	21.7	21.7	21.7	0	22.8
		12	13	23.4	23.4	23.6	23.3	1	24.0	21.7	21.6	21.7	21.7	0	22.8
		25	0	23.4	23.4	23.6	23.3	1	24.0	21.7	21.7	21.7	21.7	0	22.8
	64QAM	1	0	23.5	23.4	23.1	23.4	1	24.0	22.4	22.3	21.7	22.0	0	22.8
		1	12	23.6	23.5	23.3	23.4	1	24.0	22.4	22.4	21.8	22.0	0	22.8
		1	24	23.5	23.4	23.2	23.3	1	24.0	22.4	22.3	21.7	21.9	0	22.8
		12	0	22.6	22.5	22.4	22.4	2	23.0	22.3	22.2	21.7	22.0	0	22.8
		12	7	22.6	22.5	22.4	22.4	2	23.0	22.4	22.3	21.8	22.0	0	22.8
		12	13	22.6	22.5	22.4	22.4	2	23.0	22.3	22.2	21.7	21.9	0	22.8
		25	0	22.6	22.5	22.4	22.4	2	23.0	22.3	22.2	21.7	22.0	0	22.8
	256QAM	1	0	20.5	20.4	20.3	20.3	4	21.0	20.3	20.1	19.9	19.9	1.8	21.0
		1	12	20.5	20.5	20.4	20.3	4	21.0	20.3	20.2	20.0	20.0	1.8	21.0
		1	24	20.5	20.4	20.4	20.3	4	21.0	20.3	20.1	19.9	19.9	1.8	21.0
		12	0	20.5	20.4	20.4	20.3	4	21.0	20.3	20.2	19.9	19.9	1.8	21.0
		12	7	20.6	20.5	20.4	20.4	4	21.0	20.4	20.3	20.0	20.0	1.8	21.0
		12	13	20.6	20.5	20.3	20.4	4	21.0	20.3	20.2	19.9	19.9	1.8	21.0
		25	0	20.6	20.4	20.4	20.3	4	21.0	20.3	20.2	19.9	20.0	1.8	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	19.0	19.1	18.7	19.1	0	20.4	19.5	19.5	19.6	19.6	0	20.9
		1	49	19.1	19.1	18.8	19.2	0	20.4	19.5	19.6	19.7	19.6	0	20.9
		1	99	19.0	19.1	18.7	19.1	0	20.4	19.5	19.5	19.6	19.6	0	20.9
		50	0	19.1	19.1	18.8	19.2	0	20.4	19.5	19.6	19.6	19.7	0	20.9
		50	24	19.2	19.2	18.9	19.3	0	20.4	19.6	19.7	19.7	19.8	0	20.9
	16QAM	50	50	19.2	19.2	18.9	19.2	0	20.4	19.6	19.7	19.7	19.7	0	20.9
		100	0	19.2	19.2	19.2	19.2	0	20.4	19.6	19.7	19.7	19.7	0	20.9
		1	0	19.1	19.2	18.8	19.2	0	20.4	19.6	19.7	19.7	19.7	0	20.9
		1	49	19.2	19.2	18.8	19.3	0	20.4	19.7	19.7	19.8	19.8	0	20.9
		1	99	19.1	19.1	18.8	19.2	0	20.4	19.6	19.6	19.8	19.7	0	20.9
	64QAM	50	0	19.0	19.1	18.8	19.2	0	20.4	19.5	19.6	19.6	19.7	0	20.9
		50	24	19.1	19.2	18.8	19.2	0	20.4	19.6	19.7	19.7	19.7	0	20.9
		50	50	19.1	19.2	18.8	19.2	0	20.4	19.6	19.7	19.7	19.7	0	20.9
		100	0	19.1	19.2	18.8	19.2	0	20.4	19.6	19.7	19.7	19.7	0	20.9
		1	0	19.0	19.0	18.8	19.1	0	20.4	19.5	19.4	19.7	19.6	0	20.9
	256QAM	1	49	19.1	19.1	18.8	19.1	0	20.4	19.5	19.5	19.5	19.5	0	20.9
		1	99	19.2	19.1	18.8	19.2	0.5	19.9	19.6	19.6	19.6	19.6	1	19.9
		50	0	19.1	19.0	18.8	19.1	0.5	19.9	19.5	19.6	19.6	19.7	1	19.9
		50	24	19.2	19.1	18.8	19.1	0.5	19.9	19.6	19.7	19.7	19.7	1	19.9
		50	50	19.1	19.1	18.8	19.2	0.5	19.9	19.6	19.7	19.7	19.7	1	19.9
15	QPSK	1	0	19.0	19.1	18.7	19.1	0	20.4	19.5	19.5	19.6	19.6	0	20.9
		1	37	19.1	19.1	18.8	19.2	0	20.4	19.6	19.6	19.9	19.7	0	20.9
		1	74	19.0	19.1	18.8	19.2	0	20.4	19.5	19.6	19.8	19.7	0	20.9
		36	0	19.1	19.2	18.8	19.2	0	20.4	19.6	19.6	20.0	19.7	0	20.9
		36	20	19.2	19.2	18.8	19.3	0	20.4	19.7	19.7	20.0	19.8	0	20.9
	16QAM	36	39	19.2	19.2	18.9	19.3	0	20.4	19.6	19.7	20.0	19.8	0	20.9
		75	0	19.2	19.3	18.8	19.3	0	20.4	19.7	19.7	20.0	19.8	0	20.9
		1	0	19.0	19.0	18.8	19.1	0	20.4	19.5	19.6	19.9	19.5	0	20.9
		1	37	19.2	19.0	18.8	19.2	0	20.4	19.6	19.7	19.9	19.7	0	20.9
		1	74	19.0	19.0	18.8	19.1	0	20.4	19.5	19.6	19.9	19.6	0	20.9
	64QAM	36	0	19.1	19.1	18.8	19.2	0	20.4	19.5	19.6	19.9	19.7	0	20.9
		36	20	19.1	19.1	18.8	19.3	0	20.4	19.6	19.7	20.0	19.7	0	20.9
		36	39	19.1	19.1	18.8	19.3	0	20.4	19.6	19.6	19.9	19.8	0	20.9
		75	0	19.1	19.2	18.8	19.3	0	20.4	19.6	19.7	19.9	19.8	0	20.9
		1	0	18.9	19.0	18.6	19.0	0	20.4	19.4	19.2	19.8	19.3	0	20.9
	256QAM	1	37	19.0	19.1	18.7	19.1	0	20.4	19.4	19.3	19.8	19.7	0	20.9
		1	74	19.0	19.1	18.6	19.0	0	20.4	19.4	19.2	19.8	19.4	0	20.9
		36	0	19.1	19.1	18.8	19.1	0	20.4	19.5	19.5	19.9	19.7	0	20.9
		36	20	19.1	19.2	18.8	19.2	0	20.4	19.6	19.6	19.9	19.8	0	20.9
		36	39	19.1	19.2	18.9	19.2	0	20.4	19.6	19.6	19.9	19.7	0	20.9
15	QPSK	1	0	19.0	19.1	18.7	19.1	0	20.4	19.5	19.5	19.6	19.6	0	20.9
		1	37	19.1	19.1	18.8	19.2	0	20.4	19.6	19.6	19.9	19.7	0	20.9
		1	74	19.0	19.1	18.8	19.2	0	20.4	19.5	19.6	19.8	19.7	0	20.9
		36	0	19.1	19.2	18.8	19.2	0	20.4	19.6	19.6	20.0	19.7	0	20.9
		36	20	19.2	19.2	18.8	19.3	0	20.4	19.7	19.7	20.0	19.8	0	20.9
	16QAM	36	39	19.2	19.2	18.9	19.3	0	20.4	19.6	19.7	20.0	19.8	0	20.9
		75	0	19.2	19.3	18.8	19.3	0	20.4	19.7	19.7	20.0	19.8	0	20.9
		1	0	19.0	19.0	18.8	19.1	0	20.4	19.5	19.6	19.9	19.5	0	20.9
		1	37	19.2	19.0	18.8	19.2	0	20.4	19.6	19.7	19.9	19.7	0	20.9
		1	74	19.0	19.0	18.8	19.1	0	20.4	19.5	19.6	19.9	19.6	0	20.9
	64QAM	36	0	19.1	19.1	18.8	19.2	0	20.4	19.5	19.6	19.9	19.7	0	20.9
		36	20	19.1	19.1	18.8	19.3	0	20.4	19.6	19.7	20.0	19.7	0	20.9
		36	39	19.1	19.1	18.8	19.3	0	20.4	19.6	19.6	19.9	19.8	0	20.9
		75	0	19.1	19.2	18.8	19.3	0	20.4	19.6	19.7	19.9	19.8	0	20.9
		1	0	19.0	19.0	18.8	19.1	0.5	19.9	19.5	19.5	19.8	19.5	1	19.9
	256QAM	1	37	19.0	19.1	18.9	19.2	0.5	19.9	19.5	19.5	19.9	19.7	1	19.9
		1	74	19.1	19.1	18.9	19.2	0.5	19.9	19.6	19.6	19.8	19.8	1	19.9
		36	0	19.1	19.1	18.8	19.2	0.5	19.9	19.5	19.5	19.9	19.7	1	19.9
		36	20	19.2	19.2	18.8	19.2	0.5	19.9	19.6	19.6	19.9	19.7	1	19.9
		36	39	19.2	19.2	18.9	19.2	0.5	19.9	19.6	19.6	19.9	19.7	1	19.9
15	QPSK	1	0	19.0	19.1	18.7	19.1	0	20.4	19.5	19.5	19.6	19.6	0	20.9
		1	37	19.1	19.1	18.8	19.2	0	20.4	19.6	19.6	19.9	19.7	0	20.9
		1	74	19.0	19.1	18.8	19.2	0	20.4	19.5	19.6	19.8	19.7	0	20.9
		36	0	19.1	19.2	18.8	19.2	0	20.4	19.6	19.6	20.0	19.7	0	20.9
		36	20	19.2	19.2	18.8	19.3	0	20.4	19.7	19.7	20.0	19.8	0	20.9
	16QAM	36	39	19.2	19.2	18.9	19.3	0	20.4	19.6	19.7	20.0	19.8	0	20.9
		75	0	19.2	19.3	18.8	19.3	0	20.4	19.7	19.7	20.0	19.8	0	20.9
		1	0	19.0	19.0	18.8	19.1	0	20.4	19.5	19.6	19.9	19.5	0	20.9
		1	37	19.2	19.0	18.8	19.2	0	20.4	19.6	19.7	19.9	19.7	0	20.9
		1	74	19.0	19.0	18.8	19.1	0	20.4	19.5	19.6	19.9	19.6	0	20.9
	64QAM	36	0	19.1	19.1	18.8	19.2	0	20.4	19.5	19.6	19.9	19.7	0	20.9
		36	20	19.1	19.1	18.8	19.3	0	20.4	19.6	19.7	20.0	19.7	0	20.9
		36	39	19.1	19.1	18.8	19.3	0	20.4	19.6	19.6	19.9	19.8	0	20.9
		75	0	19.1	19.2	18.8	19.3	0	20.4	19.6	19.7	19.9	19.8	0	20.9
		1	0	19.0	19.0	18.8	19.1	0.5	19.9	19.5	19.5	19.8	19.5	1	19.9
	256QAM	1	37	19.0	19.1	18.9	19.2	0.5	19.9	19.5	19.5	19.9	19.7	1	19.9
		1	74	19.1	19.1	18.9	19.2	0.5	19.9	19.6	19.6	19.8	19.8	1	19.9
		36	0	19.1	19.1	18.8	19.2	0.5	19.9	19.5	19.5	19.9	19.7	1	19.9
		36	20	19.2	19.2	18.8	19.2	0.5	19.9	19.6	19.6	19.9	19.7	1	19.9
		36	39	19.2	19.2	18.9	19.2	0.5	19.9	19.6	19.6	19.9	19.7	1	19.9

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	19.2	19.2	19.0	19.3	0	20.4	19.6	19.7	19.7	19.8	0	20.9
		1	25	19.3	19.3	19.0	19.4	0	20.4	19.7	19.8	19.8	19.9	0	20.9
		1	49	19.2	19.2	19.0	19.3	0	20.4	19.6	19.7	19.8	19.9	0	20.9
		25	0	19.2	19.3	19.0	19.3	0	20.4	19.6	19.8	19.8	19.9	0	20.9
		25	12	19.3	19.3	19.0	19.3	0	20.4	19.7	19.9	19.9	19.9	0	20.9
		25	25	19.3	19.3	19.0	19.4	0	20.4	19.7	19.8	19.9	20.0	0	20.9
		50	0	19.3	19.3	19.0	19.3	0	20.4	19.7	19.8	19.9	19.9	0	20.9
	16QAM	1	0	19.3	19.1	19.1	19.2	0	20.4	19.7	19.6	19.7	19.8	0	20.9
		1	25	19.3	19.2	19.1	19.4	0	20.4	19.8	19.7	19.8	19.8	0	20.9
		1	49	19.3	19.1	19.1	19.3	0	20.4	19.8	19.6	19.7	19.8	0	20.9
		25	0	19.2	19.3	19.0	19.3	0	20.4	19.6	19.7	19.7	19.8	0	20.9
		25	12	19.3	19.3	19.0	19.3	0	20.4	19.7	19.8	19.7	19.8	0	20.9
		25	25	19.3	19.3	19.0	19.4	0	20.4	19.7	19.7	19.7	19.9	0	20.9
		50	0	19.2	19.2	18.9	19.3	0	20.4	19.7	19.7	19.7	19.8	0	20.9
	64QAM	1	0	19.2	19.1	18.8	19.4	0	20.4	19.7	19.5	19.6	19.5	0	20.9
		1	25	19.2	19.1	18.9	19.4	0	20.4	19.7	19.5	19.8	19.6	0	20.9
		1	49	19.2	19.1	18.8	19.3	0	20.4	19.7	19.5	19.7	19.6	0	20.9
		25	0	19.1	19.3	18.9	19.3	0	20.4	19.6	19.7	19.7	19.8	0	20.9
		25	12	19.2	19.3	19.0	19.3	0	20.4	19.7	19.7	19.8	19.8	0	20.9
		25	25	19.2	19.2	19.0	19.4	0	20.4	19.7	19.7	19.7	19.9	0	20.9
		50	0	19.2	19.2	18.9	19.3	0	20.4	19.7	19.7	19.7	19.8	0	20.9
	256QAM	1	0	19.0	19.1	19.0	19.2	0.5	19.9	19.5	19.5	19.6	19.8	1	19.9
		1	25	19.2	19.2	19.1	19.3	0.5	19.9	19.6	19.7	19.7	19.9	1	19.9
		1	49	19.1	19.2	19.0	19.2	0.5	19.9	19.6	19.6	19.7	19.8	1	19.9
		25	0	19.1	19.2	19.0	19.3	0.5	19.9	19.6	19.7	19.7	19.8	1	19.9
		25	12	19.2	19.3	19.0	19.3	0.5	19.9	19.7	19.7	19.7	19.9	1	19.9
		25	25	19.2	19.2	19.0	19.3	0.5	19.9	19.7	19.7	19.7	19.9	1	19.9
		50	0	19.2	19.2	19.0	19.3	0.5	19.9	19.7	19.7	19.7	19.8	1	19.9
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	19.2	19.2	19.0	19.4	0	20.4	19.7	19.7	19.7	19.9	0	20.9
		1	12	19.3	19.3	19.1	19.4	0	20.4	19.7	19.8	19.7	19.9	0	20.9
		1	24	19.2	19.2	19.0	19.3	0	20.4	19.7	19.8	19.7	19.8	0	20.9
		12	0	19.3	19.3	19.1	19.4	0	20.4	19.8	19.8	19.8	20.0	0	20.9
		12	7	19.3	19.3	19.1	19.4	0	20.4	19.8	19.9	19.8	20.0	0	20.9
		12	13	19.3	19.3	19.1	19.4	0	20.4	19.8	19.9	19.8	20.0	0	20.9
		25	0	19.3	19.3	19.1	19.4	0	20.4	19.8	19.9	19.8	20.0	0	20.9
	16QAM	1	0	19.2	19.3	19.1	19.4	0	20.4	19.7	19.7	19.7	19.9	0	20.9
		1	12	19.3	19.3	19.1	19.4	0	20.4	19.9	19.8	19.9	19.9	0	20.9
		1	24	19.3	19.2	19.1	19.3	0	20.4	19.8	19.7	19.8	19.9	0	20.9
		12	0	19.1	19.3	19.0	19.4	0	20.4	19.8	19.7	19.8	19.9	0	20.9
		12	7	19.2	19.3	19.1	19.5	0	20.4	19.8	19.7	19.8	20.0	0	20.9
		12	13	19.1	19.3	19.0	19.5	0	20.4	19.8	19.7	19.8	19.9	0	20.9
		25	0	19.2	19.3	19.1	19.4	0	20.4	19.7	19.7	19.7	19.9	0	20.9
	64QAM	1	0	19.2	19.1	19.0	19.3	0	20.4	19.8	19.6	19.8	19.8	0	20.9
		1	12	19.2	19.2	19.1	19.4	0	20.4	19.6	19.8	19.6	19.8	0	20.9
		1	24	19.1	19.1	19.0	19.3	0	20.4	19.6	19.7	19.6	19.8	0	20.9
		12	0	19.2	19.2	19.0	19.3	0	20.4	19.7	19.7	19.7	19.9	0	20.9
		12	7	19.2	19.2	19.1	19.4	0	20.4	19.7	19.8	19.7	19.9	0	20.9
		12	13	19.2	19.2	19.0	19.4	0	20.4	19.7	19.7	19.7	19.9	0	20.9
		25	0	19.2	19.2	19.0	19.3	0	20.4	19.7	19.7	19.7	19.9	0	20.9
	256QAM	1	0	19.1	19.1	19.0	19.3	0.5	19.9	19.6	19.6	19.6	19.8	1	19.9
		1	12	19.3	19.3	19.1	19.4	0.5	19.9	19.8	19.7	19.8	19.9	1	19.9
		1	24	19.2	19.2	19.0	19.3	0.5	19.9	19.7	19.7	19.7	19.8	1	19.9
		12	0	19.3	19.2	19.0	19.3	0.5	19.9	19.7	19.7	19.7	19.9	1	19.9
		12	7	19.3	19.2	19.0	19.4	0.5	19.9	19.7	19.7	19.7	19.9	1	19.9
		12	13	19.2	19.2	19.0	19.3	0.5	19.9	19.7	19.7	19.7	19.9	1	19.9
		25	0	19.2	19.2	19.0	19.4	0.5	19.9	19.7	19.7	19.7	19.9	1	19.9

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	22.2	22.3	22.3	22.4	0	23.5	20.1	20.2	20.2	20.3	0	20.9
		1	49	23.1	22.6	23.0	22.8	0	23.5	20.9	20.9	20.8	20.6	0	20.9
		1	99	22.2	22.3	22.3	22.3	0	23.5	20.1	20.2	20.2	20.2	0	20.9
		50	0	22.3	22.4	22.4	22.5	0	23.5	20.1	20.2	20.2	20.3	0	20.9
		50	24	23.2	22.7	23.1	22.8	0	23.5	20.9	20.9	20.9	20.6	0	20.9
		50	50	22.4	22.5	22.5	22.5	0	23.5	20.3	20.3	20.3	20.4	0	20.9
	16QAM	100	0	23.1	23.1	23.0	22.7	0	23.5	20.9	20.9	20.8	20.6	0	20.9
		1	0	22.3	22.4	22.3	22.5	0	23.5	20.1	20.3	20.3	20.4	0	20.9
		1	49	22.4	22.4	22.5	22.7	0	23.5	20.2	20.3	20.4	20.4	0	20.9
		1	99	22.3	22.4	22.4	22.5	0	23.5	20.1	20.3	20.3	20.4	0	20.9
		50	0	22.3	22.4	22.4	22.5	0.1	23.4	20.1	20.2	20.2	20.3	0	20.9
		50	24	22.4	22.5	22.5	22.6	0.1	23.4	20.2	20.3	20.3	20.4	0	20.9
	64QAM	50	50	22.4	22.5	22.5	22.5	0.1	23.4	20.3	20.3	20.3	20.3	0	20.9
		100	0	22.4	22.5	22.5	22.5	0.1	23.4	20.2	20.3	20.3	20.3	0	20.9
		1	0	22.2	22.3	22.4	22.4	0.1	23.4	20.1	20.1	20.1	20.2	0	20.9
		1	49	22.4	22.3	22.5	22.4	0.1	23.4	20.2	20.1	20.2	20.2	0	20.9
		1	99	22.4	22.2	22.4	22.3	0.1	23.4	20.1	20.0	20.1	20.1	0	20.9
		50	0	21.8	21.9	21.9	22.0	1.1	22.4	20.1	20.2	20.2	20.2	0	20.9
15	256QAM	50	24	21.9	22.0	22.0	22.1	1.1	22.4	20.2	20.3	20.3	20.3	0	20.9
		50	50	21.9	22.0	22.0	22.0	1.1	22.4	20.2	20.2	20.3	20.3	0	20.9
		100	0	21.9	22.0	22.0	22.0	1.1	22.4	20.2	20.2	20.3	20.3	0	20.9
		1	0	19.8	19.9	19.9	20.0	3.1	20.4	19.9	19.9	19.9	20.0	0.5	20.4
		1	49	19.7	20.0	20.0	20.0	3.1	20.4	19.9	20.0	19.9	20.0	0.5	20.4
		1	99	19.8	19.9	20.1	20.0	3.1	20.4	20.0	19.9	20.0	20.0	0.5	20.4
	QPSK	50	0	19.8	19.9	19.9	19.9	3.1	20.4	19.8	19.9	19.9	19.9	0.5	20.4
		50	24	19.9	19.9	20.0	20.0	3.1	20.4	19.9	19.9	20.0	20.0	0.5	20.4
		50	50	19.9	19.9	20.0	20.0	3.1	20.4	19.9	19.9	20.0	20.0	0.5	20.4
		100	0	19.9	19.9	20.0	20.0	3.1	20.4	19.9	19.9	20.0	20.0	0.5	20.4
		1	0	22.2	22.2	22.3	22.4	0	23.5	20.1	20.1	20.2	20.3	0	20.9
		1	37	22.3	22.3	22.3	22.4	0	23.5	20.2	20.2	20.2	20.3	0	20.9
	16QAM	1	74	22.2	22.3	22.3	22.3	0	23.5	20.1	20.2	20.2	20.3	0	20.9
		36	0	22.4	22.4	22.4	22.5	0	23.5	20.2	20.3	20.2	20.3	0	20.9
		36	20	22.4	22.4	22.4	22.5	0	23.5	20.2	20.3	20.2	20.3	0	20.9
		36	39	22.4	22.4	22.4	22.5	0	23.5	20.2	20.3	20.2	20.4	0	20.9
		75	0	22.4	22.5	22.5	22.5	0	23.5	20.3	20.3	20.3	20.3	0	20.9
		1	0	22.2	22.2	22.3	22.4	0	23.5	20.1	20.1	20.1	20.3	0	20.9
	64QAM	1	37	22.3	22.3	22.4	22.5	0	23.5	20.2	20.2	20.2	20.3	0	20.9
		1	74	22.3	22.2	22.4	22.4	0	23.5	20.1	20.1	20.1	20.2	0	20.9
		36	0	22.4	22.4	22.4	22.5	0.1	23.4	20.2	20.3	20.2	20.3	0	20.9
		36	20	22.4	22.4	22.4	22.5	0.1	23.4	20.2	20.3	20.2	20.3	0	20.9
		36	39	22.4	22.4	22.4	22.5	0.1	23.4	20.2	20.3	20.2	20.3	0	20.9
		75	0	22.4	22.4	22.4	22.5	0.1	23.4	20.2	20.3	20.2	20.3	0	20.9
	256QAM	1	0	22.0	22.2	22.3	22.3	0.1	23.4	20.0	20.0	20.1	20.1	0	20.9
		1	37	22.1	22.3	22.3	22.4	0.1	23.4	20.1	20.1	20.2	20.3	0	20.9
		1	74	22.1	22.2	22.3	22.2	0.1	23.4	20.0	20.0	20.1	20.1	0	20.9
		36	0	21.9	21.9	21.9	22.0	1.1	22.4	20.2	20.2	20.2	20.2	0	20.9
		36	20	21.9	21.9	21.9	22.0	1.1	22.4	20.2	20.2	20.2	20.2	0	20.9
		36	39	21.9	21.9	21.9	22.0	1.1	22.4	20.2	20.2	20.2	20.3	0	20.9
	QPSK	75	0	21.9	21.9	21.9	21.9	1.1	22.4	20.2	20.2	20.2	20.3	0	20.9
		1	0	19.8	19.8	19.8	19.8	3.1	20.4	19.8	19.7	19.8	19.8	0.5	20.4
		1	37	19.9	19.9	19.9	20.0	3.1	20.4	19.9	19.9	20.0	19.9	0.5	20.4
		1	74	19.9	20.0	19.9	20.0	3.1	20.4	19.8	19.9	20.0	20.0	0.5	20.4
		36	0	19.9	19.9	19.9	19.9	3.1	20.4	19.9	19.9	19.9	19.9	0.5	20.4
		36	20	19.9	20.0	19.9	19.9	3.1	20.4	19.9	19.9	19.9	19.9	0.5	20.4
	16QAM	36	39	19.9	19.9	19.9	20.0	3.1	20.4	19.9	19.9	19.9	20.0	0.5	20.4
		75	0	19.9	19.9	19.9	19.9	3.1	20.4	19.9	19.9	19.9	19.9	0.5	20.4

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	22.4	22.4	22.5	22.6	0	23.5	20.3	20.3	20.4	20.4	0	20.9
		1	25	22.5	22.5	22.6	22.6	0	23.5	20.4	20.4	20.5	20.5	0	20.9
		1	49	22.4	22.5	22.5	22.5	0	23.5	20.3	20.4	20.4	20.4	0	20.9
		25	0	22.5	22.5	22.5	22.5	0	23.5	20.3	20.4	20.3	20.4	0	20.9
		25	12	22.5	22.6	22.6	22.7	0	23.5	20.4	20.4	20.4	20.5	0	20.9
		25	25	22.5	22.5	22.6	22.6	0	23.5	20.4	20.4	20.4	20.5	0	20.9
	16QAM	50	0	22.5	22.5	22.5	22.6	0	23.5	20.3	20.4	20.4	20.4	0	20.9
		1	0	22.5	22.4	22.6	22.5	0	23.5	20.3	20.3	20.3	20.3	0	20.9
		1	25	22.6	22.4	22.6	22.5	0	23.5	20.3	20.3	20.4	20.3	0	20.9
		1	49	22.5	22.4	22.6	22.5	0	23.5	20.3	20.2	20.3	20.3	0	20.9
		25	0	22.5	22.6	22.5	22.6	0.1	23.4	20.3	20.4	20.4	20.4	0	20.9
		25	12	22.5	22.6	22.6	22.7	0.1	23.4	20.3	20.5	20.4	20.5	0	20.9
	64QAM	25	25	22.5	22.6	22.6	22.6	0.1	23.4	20.4	20.4	20.5	20.5	0	20.9
		50	0	22.5	22.6	22.5	22.6	0.1	23.4	20.3	20.4	20.4	20.4	0	20.9
		1	0	22.4	22.5	22.5	22.7	0.1	23.4	20.2	20.2	20.4	20.3	0	20.9
		1	25	22.5	22.4	22.6	22.7	0.1	23.4	20.3	20.3	20.4	20.4	0	20.9
		1	49	22.4	22.5	22.5	22.7	0.1	23.4	20.2	20.2	20.4	20.3	0	20.9
		25	0	22.0	22.1	22.1	22.1	1.1	22.4	20.3	20.4	20.3	20.4	0	20.9
	256QAM	25	12	22.1	22.1	22.1	22.2	1.1	22.4	20.3	20.4	20.4	20.5	0	20.9
		25	25	22.0	22.1	22.2	22.2	1.1	22.4	20.3	20.4	20.4	20.4	0	20.9
		50	0	22.0	22.1	22.1	22.1	1.1	22.4	20.3	20.4	20.3	20.3	0	20.9
		1	0	19.9	20.0	20.0	20.0	3.1	20.4	19.9	19.9	19.9	20.0	0.5	20.4
		1	25	20.1	20.1	20.2	20.1	3.1	20.4	20.0	20.1	20.1	20.1	0.5	20.4
		1	49	20.0	20.1	20.2	20.0	3.1	20.4	20.0	20.0	20.0	20.0	0.5	20.4
5	QPSK	25	0	20.0	20.0	20.0	20.1	3.1	20.4	20.0	20.1	20.0	20.1	0.5	20.4
		25	12	20.1	20.1	20.1	20.2	3.1	20.4	20.0	20.1	20.1	20.2	0.5	20.4
		25	25	20.0	20.0	20.2	20.2	3.1	20.4	20.0	20.1	20.1	20.1	0.5	20.4
		50	0	20.0	20.0	20.1	20.1	3.1	20.4	20.0	20.1	20.0	20.1	0.5	20.4
	16QAM	1	0	22.4	22.5	22.5	22.6	0	23.5	20.3	20.4	20.4	20.4	0	20.9
		1	12	22.4	22.5	22.6	22.6	0	23.5	20.3	20.4	20.5	20.5	0	20.9
		1	24	22.4	22.5	22.5	22.6	0	23.5	20.3	20.4	20.4	20.4	0	20.9
		12	0	22.5	22.5	22.6	22.7	0	23.5	20.3	20.4	20.4	20.5	0	20.9
		12	7	22.5	22.5	22.7	22.7	0	23.5	20.4	20.4	20.5	20.5	0	20.9
		12	13	22.5	22.5	22.6	22.7	0	23.5	20.3	20.4	20.5	20.5	0	20.9
	64QAM	25	0	22.5	22.5	22.5	22.6	0	23.5	20.3	20.4	20.3	20.4	0	20.9
		1	0	22.4	22.5	22.6	22.6	0	23.5	20.2	20.4	20.4	20.5	0	20.9
		1	12	22.5	22.6	22.6	22.7	0	23.5	20.3	20.4	20.4	20.5	0	20.9
		1	24	22.5	22.5	22.6	22.6	0	23.5	20.2	20.4	20.4	20.4	0	20.9
		12	0	22.5	22.5	22.5	22.7	0.1	23.4	20.2	20.4	20.4	20.6	0	20.9
		12	7	22.5	22.5	22.7	22.7	0.1	23.4	20.2	20.4	20.5	20.6	0	20.9
	256QAM	12	13	22.5	22.5	22.7	22.7	0.1	23.4	20.2	20.4	20.5	20.6	0	20.9
		25	0	22.5	22.6	22.6	22.6	0.1	23.4	20.3	20.4	20.4	20.5	0	20.9
		1	0	22.4	22.5	22.6	22.6	0.1	23.4	20.1	20.3	20.5	20.5	0	20.9
		1	12	22.4	22.6	22.7	22.7	0.1	23.4	20.2	20.4	20.6	20.6	0	20.9
		1	24	22.3	22.5	22.6	22.6	0.1	23.4	20.1	20.3	20.5	20.5	0	20.9
		12	0	22.0	22.1	22.1	22.2	1.1	22.4	20.3	20.4	20.3	20.5	0	20.9
5	64QAM	12	7	22.1	22.1	22.2	22.2	1.1	22.4	20.4	20.4	20.5	20.5	0	20.9
		12	13	22.0	22.1	22.2	22.2	1.1	22.4	20.3	20.3	20.4	20.5	0	20.9
		25	0	22.0	22.1	22.1	22.2	1.1	22.4	20.3	20.4	20.4	20.5	0	20.9
	256QAM	1	0	19.9	20.1	20.0	20.2	3.1	20.4	20.0	20.0	20.1	20.2	0.5	20.4
		1	12	20.0	20.0	20.1	20.2	3.1	20.4	20.0	20.1	20.2	20.2	0.5	20.4
		1	24	19.9	20.0	20.1	20.1	3.1	20.4	19.9	20.1	20.2	20.1	0.5	20.4
	256QAM	12	0	20.0	20.0	20.1	20.1	3.1	20.4	20.0	20.1	20.1	20.2	0.5	20.4
		12	7	20.0	20.1	20.1	20.2	3.1	20.4	20.1	20.1	20.2	20.2	0.5	20.4
		12	13	20.0	20.0	20.1	20.2	3.1	20.4	20.0	20.1	20.1	20.2	0.5	20.4
		25	0	20.0	20.0	20.0	20.1	3.1	20.4	20.0	20.1	20.1	20.2	0.5	20.4

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	22.9	22.9	22.9	0	23.2	21.0	21.2	21.4	21.5	0	21.6
		1	49	22.6	22.5	22.9	22.9	0	23.2	21.2	21.4	21.6	21.6	0	21.6
		1	99	22.7	23.0	22.9	22.9	0	23.2	21.0	21.3	21.4	21.5	0	21.6
		50	0	22.8	23.0	23.0	23.0	0	23.2	21.1	21.3	21.5	21.6	0	21.6
		50	24	22.7	23.0	23.0	23.0	0	23.2	21.3	21.5	21.6	21.6	0	21.6
		50	50	22.9	23.2	23.1	23.1	0	23.2	21.1	21.4	21.5	21.6	0	21.6
	16QAM	100	0	22.7	22.9	23.0	23.0	0	23.2	21.2	21.5	21.6	21.5	0	21.6
		1	0	22.8	23.0	23.0	23.0	0	23.2	21.0	21.2	21.4	21.6	0	21.6
		1	49	22.9	23.2	23.1	23.0	0	23.2	21.1	21.4	21.5	21.6	0	21.6
		1	99	22.8	23.2	23.0	22.9	0	23.2	21.1	21.3	21.5	21.6	0	21.6
		50	0	21.8	22.0	22.0	22.0	1	22.2	21.1	21.3	21.4	21.6	0	21.6
		50	24	21.9	22.2	22.1	22.0	1	22.2	21.2	21.4	21.6	21.6	0	21.6
	64QAM	50	50	21.9	22.2	22.1	22.1	1	22.2	21.2	21.4	21.6	21.6	0	21.6
		100	0	21.9	22.1	22.1	22.0	1	22.2	21.2	21.4	21.5	21.6	0	21.6
		1	0	21.8	22.0	21.9	22.0	1	22.2	21.1	21.1	21.5	21.4	0	21.6
		1	49	21.9	22.0	22.0	22.0	1	22.2	21.2	21.3	21.4	21.5	0	21.6
		1	99	21.8	21.9	22.0	21.9	1	22.2	21.1	21.3	21.5	21.4	0	21.6
		50	0	20.9	21.0	21.0	21.0	2	21.2	20.6	20.8	21.0	21.0	0.4	21.2
15	QPSK	50	24	21.0	21.1	21.1	21.0	2	21.2	20.8	20.9	21.1	21.0	0.4	21.2
		50	50	21.0	21.1	21.1	21.1	2	21.2	20.7	20.9	21.1	21.1	0.4	21.2
		100	0	20.9	21.1	21.1	21.0	2	21.2	20.7	20.8	21.1	21.0	0.4	21.2
	16QAM	1	0	18.8	19.0	18.9	19.1	4	19.2	18.5	18.7	18.9	19.1	2.4	19.2
		1	49	18.8	19.0	19.0	19.1	4	19.2	18.6	18.8	18.9	19.1	2.4	19.2
		1	99	18.9	19.1	19.1	19.2	4	19.2	18.6	18.9	19.1	19.1	2.4	19.2
	64QAM	50	0	18.9	18.9	19.0	19.0	4	19.2	18.6	18.7	19.0	19.0	2.4	19.2
		50	24	19.0	19.1	19.1	19.0	4	19.2	18.7	18.8	19.1	19.1	2.4	19.2
		50	50	19.0	19.1	19.1	19.1	4	19.2	18.7	18.9	19.1	19.1	2.4	19.2
		100	0	19.0	19.1	19.1	19.0	4	19.2	18.7	18.8	19.1	19.0	2.4	19.2
	256QAM	1	0	22.7	22.9	23.0	23.0	0	23.2	21.1	21.2	21.4	21.5	0	21.6
		1	37	22.8	22.9	23.0	23.0	0	23.2	21.1	21.3	21.5	21.6	0	21.6
		1	74	22.8	22.9	23.0	23.0	0	23.2	21.1	21.3	21.5	21.5	0	21.6
		36	0	22.9	23.0	23.1	23.1	0	23.2	21.1	21.3	21.4	21.6	0	21.6
		36	20	22.9	23.1	23.2	23.2	0	23.2	21.2	21.3	21.5	21.6	0	21.6
		36	39	22.9	23.1	23.2	23.2	0	23.2	21.2	21.4	21.5	21.6	0	21.6
15	QPSK	75	0	23.0	23.1	23.2	23.2	0	23.2	21.2	21.4	21.6	21.6	0	21.6
		1	0	22.7	22.9	22.9	23.1	0	23.2	21.0	21.1	21.4	21.4	0	21.6
		1	37	22.9	23.0	23.0	23.0	0	23.2	21.1	21.2	21.5	21.5	0	21.6
		1	74	22.8	23.0	23.0	23.0	0	23.2	21.1	21.2	21.5	21.5	0	21.6
		36	0	21.9	22.0	22.1	22.1	1	22.2	21.1	21.3	21.5	21.6	0	21.6
		36	20	21.9	22.1	22.2	22.2	1	22.2	21.2	21.4	21.6	21.6	0	21.6
	16QAM	36	39	21.9	22.1	22.2	22.2	1	22.2	21.2	21.4	21.6	21.6	0	21.6
		75	0	22.0	22.1	22.2	22.2	1	22.2	21.2	21.4	21.6	21.6	0	21.6
		1	0	21.9	21.7	22.0	21.9	1	22.2	21.0	21.0	21.3	21.4	0	21.6
		1	37	21.9	21.8	22.0	22.1	1	22.2	20.9	21.1	21.4	21.5	0	21.6
		1	74	21.7	21.8	22.0	22.0	1	22.2	21.1	21.1	21.4	21.4	0	21.6
		36	0	20.9	21.0	21.1	21.1	2	21.2	20.6	20.7	21.0	21.1	0.4	21.2
15	QPSK	36	20	20.9	21.1	21.2	21.2	2	21.2	20.7	20.8	21.1	21.2	0.4	21.2
		36	39	20.9	21.1	21.2	21.2	2	21.2	20.7	20.8	21.1	21.1	0.4	21.2
		75	0	21.0	21.1	21.2	21.2	2	21.2	20.7	20.8	21.1	21.1	0.4	21.2
	16QAM	1	0	18.9	18.8	18.9	19.0	4	19.2	18.5	18.6	18.9	19.0	2.4	19.2
		1	37	18.9	19.0	19.1	19.1	4	19.2	18.7	18.7	19.0	19.0	2.4	19.2
		1	74	19.0	19.1	19.2	19.2	4	19.2	18.7	18.8	19.1	19.1	2.4	19.2
	64QAM	36	0	18.9	18.9	19.1	19.1	4	19.2	18.6	18.7	18.9	19.0	2.4	19.2
		36	20	18.9	19.0	19.2	19.2	4	19.2	18.7	18.8	19.0	19.1	2.4	19.2
		36	39	18.9	19.0	19.2	19.2	4	19.2	18.7	18.8	19.0	19.1	2.4	19.2
		75	0	18.9	19.0	19.2	19.2	4	19.2	18.7	18.8	19.1	19.1	2.4	19.2
	256QAM	1	0	22.7	22.9	23.0	23.0	0	23.2	21.1	21.2	21.4	21.5	0	21.6
		1	37	22.8	22.9	23.0	23.0	0	23.2	21.1	21.3	21.5	21.6	0	21.6
		1	74	22.8	22.9	23.0	23.0	0	23.2	21.1	21.3	21.5	21.5	0	21.6
		36	0	22.9	23.0	23.1	23.1	0	23.2	21.1	21.3	21.4	21.6	0	21.6
		36	20	22.9	23.1	23.2	23.2	0	23.2	21.2	21.3	21.5	21.6	0	21.6
		36	39	22.9	23.1	23.2	23.2	0	23.2	21.2	21.4	21.5	21.6	0	21.6

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	23.0	23.1	23.0	23.1	0	23.2	21.3	21.4	21.6	21.6	0	21.6
		1	25	23.0	23.2	23.1	23.2	0	23.2	21.3	21.5	21.6	21.6	0	21.6
		1	49	23.0	23.2	23.1	23.1	0	23.2	21.3	21.5	21.6	21.5	0	21.6
		25	0	23.0	23.1	23.1	23.1	0	23.2	21.2	21.4	21.6	21.5	0	21.6
		25	12	23.1	23.2	23.1	23.2	0	23.2	21.3	21.5	21.6	21.5	0	21.6
		25	25	23.1	23.2	23.2	23.2	0	23.2	21.3	21.5	21.7	21.6	0	21.6
	16QAM	50	0	23.0	23.2	23.1	23.1	0	23.2	21.3	21.5	21.6	21.5	0	21.6
		1	0	23.0	23.0	23.2	23.0	0	23.2	21.3	21.5	21.6	21.4	0	21.6
		1	25	23.0	23.1	23.2	23.2	0	23.2	21.3	21.5	21.6	21.4	0	21.6
		1	49	22.9	23.0	23.2	23.1	0	23.2	21.3	21.5	21.6	21.4	0	21.6
		25	0	22.0	22.1	22.1	22.2	1	22.2	21.2	21.4	21.6	21.5	0	21.6
		25	12	22.1	22.2	22.1	22.2	1	22.2	21.3	21.5	21.6	21.6	0	21.6
	64QAM	25	25	22.1	22.2	22.2	22.2	1	22.2	21.3	21.5	21.6	21.6	0	21.6
		50	0	22.0	22.2	22.1	22.1	1	22.2	21.3	21.5	21.6	21.5	0	21.6
		1	0	21.9	22.0	22.0	22.1	1	22.2	21.1	21.3	21.4	21.6	0	21.6
		1	25	22.0	22.1	22.1	22.2	1	22.2	21.2	21.4	21.6	21.6	0	21.6
		1	49	22.0	22.1	22.0	22.1	1	22.2	21.1	21.4	21.5	21.5	0	21.6
		25	0	20.9	21.2	21.1	21.2	2	21.2	20.7	20.9	21.1	21.0	0.4	21.2
	256QAM	25	12	21.1	21.2	21.1	21.2	2	21.2	20.9	21.0	21.1	21.0	0.4	21.2
		25	25	21.1	21.2	21.2	21.2	2	21.2	20.8	21.0	21.2	21.1	0.4	21.2
		50	0	21.0	21.2	21.1	21.1	2	21.2	20.8	21.0	21.1	21.0	0.4	21.2
		1	0	18.9	19.1	19.1	19.1	4	19.2	18.7	18.8	19.0	18.9	2.4	19.2
		1	25	19.0	19.2	19.2	19.2	4	19.2	18.8	19.0	19.2	19.0	2.4	19.2
		1	49	18.9	19.2	19.2	19.1	4	19.2	18.8	19.0	19.1	19.0	2.4	19.2
5	QPSK	25	0	18.9	19.2	19.1	19.2	4	19.2	18.8	18.9	19.1	19.0	2.4	19.2
		25	12	19.0	19.2	19.2	19.2	4	19.2	18.9	19.0	19.1	19.0	2.4	19.2
		25	25	19.0	19.2	19.2	19.2	4	19.2	18.8	19.0	19.2	19.1	2.4	19.2
		50	0	19.0	19.2	19.1	19.2	4	19.2	18.8	19.0	19.1	19.0	2.4	19.2
	16QAM	1	0	22.9	23.0	23.1	23.1	0	23.2	21.5	21.4	21.6	21.5	0	21.6
		1	12	23.0	23.1	23.1	23.1	0	23.2	21.6	21.5	21.6	21.6	0	21.6
		1	24	22.9	23.1	23.1	23.1	0	23.2	21.5	21.5	21.6	21.5	0	21.6
		12	0	23.0	23.2	23.1	23.2	0	23.2	21.5	21.4	21.5	21.6	0	21.6
		12	7	23.0	23.2	23.2	23.2	0	23.2	21.5	21.5	21.6	21.6	0	21.6
		12	13	23.0	23.2	23.2	23.2	0	23.2	21.5	21.5	21.6	21.6	0	21.6
	64QAM	25	0	23.0	23.2	23.1	23.2	0	23.2	21.5	21.5	21.6	21.6	0	21.6
		1	0	22.9	23.0	23.1	23.1	0	23.2	21.4	21.4	21.6	21.5	0	21.6
		1	12	23.0	23.2	23.2	23.2	0	23.2	21.5	21.6	21.6	21.6	0	21.6
		1	24	22.9	23.1	23.1	23.1	0	23.2	21.4	21.5	21.6	21.5	0	21.6
		12	0	22.0	22.1	22.0	22.2	1	22.2	21.5	21.6	21.5	21.5	0	21.6
		12	7	22.1	22.1	22.2	22.2	1	22.2	21.6	21.6	21.6	21.6	0	21.6
	256QAM	12	13	22.0	22.1	22.1	22.2	1	22.2	21.5	21.6	21.6	21.5	0	21.6
		25	0	22.0	22.2	22.1	22.2	1	22.2	21.5	21.5	21.6	21.6	0	21.6
		1	0	22.1	22.0	22.2	22.2	1	22.2	21.4	21.4	21.5	21.5	0	21.6
		1	12	21.9	22.2	22.2	22.2	1	22.2	21.5	21.5	21.6	21.5	0	21.6
		1	24	21.9	22.1	22.1	22.2	1	22.2	21.4	21.4	21.5	21.5	0	21.6
		12	0	21.0	21.2	21.1	21.2	2	21.2	21.1	21.0	21.1	21.1	0.4	21.2
5	64QAM	12	7	21.0	21.2	21.2	21.2	2	21.2	21.1	21.0	21.2	21.2	0.4	21.2
		12	13	21.0	21.2	21.2	21.2	2	21.2	21.1	21.0	21.2	21.1	0.4	21.2
		25	0	21.0	21.2	21.1	21.2	2	21.2	21.1	21.0	21.1	21.1	0.4	21.2
	256QAM	1	0	18.9	19.1	19.1	19.2	4	19.2	19.0	18.8	19.0	19.1	2.4	19.2
		1	12	19.0	19.2	19.2	19.2	4	19.2	19.1	19.0	19.2	19.2	2.4	19.2
		1	24	18.9	19.1	19.2	19.2	4	19.2	19.1	18.9	19.2	19.1	2.4	19.2
		12	0	19.0	19.2	19.2	19.2	4	19.2	19.1	19.0	19.1	19.1	2.4	19.2
		12	7	19.0	19.2	19.2	19.2	4	19.2	19.1	19.0	19.2	19.1	2.4	19.2
		12	13	19.0	19.2	19.2	19.2	4	19.2	19.1	19.0	19.2	19.1	2.4	19.2
		25	0	19.0	19.2	19.1	19.2	4	19.2	19.1	19.0	19.1	19.1	2.4	19.2

LTE Band 53 Measured Results (ANT1)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)				Power Mode B (dBm)						
					60197		MPR	Max Output Pwr		60197		MPR	Max Output Pwr	
					2489.2 MHz									
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		20.3		0	20.7		20.3		0	20.7	
		25	0		20.4		0	20.7		20.4		0	20.7	
		25	12		20.4		0	20.7		20.4		0	20.7	
		25	25		20.3		0	20.7		20.3		0	20.7	
		50	0		20.3		0	20.7		20.3		0	20.7	
	16QAM	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		20.3		0	20.7		20.3		0	20.7	
		25	0		20.4		0	20.7		20.4		0	20.7	
		25	12		20.3		0	20.7		20.3		0	20.7	
		25	25		20.3		0	20.7		20.3		0	20.7	
		50	0		20.3		0	20.7		20.3		0	20.7	
	64QAM	1	0		20.2		0	20.7		20.2		0	20.7	
		1	25		20.3		0	20.7		20.3		0	20.7	
		1	49		20.2		0	20.7		20.2		0	20.7	
		25	0		20.2		0	20.7		20.2		0	20.7	
		25	12		20.2		0	20.7		20.2		0	20.7	
		25	25		20.2		0	20.7		20.2		0	20.7	
		50	0		20.2		0	20.7		20.2		0	20.7	
	256QAM	1	0		20.0		0	20.7		20.0		0	20.7	
		1	25		20.2		0	20.7		20.2		0	20.7	
		1	49		20.1		0	20.7		20.1		0	20.7	
		25	0		20.2		0	20.7		20.2		0	20.7	
		25	12		20.2		0	20.7		20.2		0	20.7	
		25	25		20.2		0	20.7		20.2		0	20.7	
50		0		20.2		0	20.7		20.2		0	20.7		
BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)				Power Mode B (dBm)						
					60197		MPR	Max Output Pwr		60197		MPR	Max Output Pwr	
					2489.2 MHz									
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		20.3		0	20.7		20.3		0	20.7	
		12	0		20.4		0	20.7		20.4		0	20.7	
		12	7		20.3		0	20.7		20.3		0	20.7	
		12	13		20.3		0	20.7		20.3		0	20.7	
		25	0		20.3		0	20.7		20.3		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		20.4		0	20.7		20.4		0	20.7	
		12	0		20.4		0	20.7		20.4		0	20.7	
		12	7		20.4		0	20.7		20.4		0	20.7	
		12	13		20.3		0	20.7		20.3		0	20.7	
		25	0		20.3		0	20.7		20.3		0	20.7	
	64QAM	1	0		20.1		0	20.7		20.1		0	20.7	
		1	12		20.2		0	20.7		20.2		0	20.7	
		1	24		20.4		0	20.7		20.4		0	20.7	
		12	0		20.2		0	20.7		20.2		0	20.7	
		12	7		20.2		0	20.7		20.2		0	20.7	
		12	13		20.2		0	20.7		20.2		0	20.7	
		25	0		20.2		0	20.7		20.2		0	20.7	
	256QAM	1	0		20.1		0	20.7		20.1		0	20.7	
		1	12		20.3		0	20.7		20.3		0	20.7	
		1	24		20.2		0	20.7		20.2		0	20.7	
		12	0		20.2		0	20.7		20.2		0	20.7	
		12	7		20.2		0	20.7		20.2		0	20.7	
		12	13		20.2		0	20.7		20.2		0	20.7	
25		0		20.2		0	20.7		20.2		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	20.2	20.3	20.3	0	20.7	20.2	20.3	20.3	0	20.7
		1	8	20.3	20.4	20.3	0	20.7	20.3	20.4	20.3	0	20.7
		1	14	20.2	20.3	20.2	0	20.7	20.2	20.3	20.2	0	20.7
		8	0	20.3	20.4	20.4	0	20.7	20.3	20.4	20.4	0	20.7
		8	4	20.3	20.5	20.4	0	20.7	20.3	20.5	20.4	0	20.7
		8	7	20.4	20.4	20.4	0	20.7	20.4	20.4	20.4	0	20.7
	16QAM	15	0	20.3	20.3	20.3	0	20.7	20.3	20.3	20.3	0	20.7
		1	0	20.3	20.2	20.6	0	20.7	20.3	20.2	20.6	0	20.7
		1	8	20.4	20.3	20.4	0	20.7	20.4	20.3	20.4	0	20.7
		1	14	20.3	20.2	20.2	0	20.7	20.3	20.2	20.2	0	20.7
		8	0	20.3	20.4	20.3	0	20.7	20.3	20.4	20.3	0	20.7
		8	4	20.4	20.4	20.5	0	20.7	20.4	20.4	20.5	0	20.7
	64QAM	8	7	20.4	20.3	20.4	0	20.7	20.4	20.3	20.4	0	20.7
		15	0	20.3	20.3	20.3	0	20.7	20.3	20.3	20.3	0	20.7
		1	0	20.1	20.1	19.9	0	20.7	20.1	20.1	19.9	0	20.7
		1	8	20.3	20.1	20.1	0	20.7	20.3	20.1	20.1	0	20.7
		1	14	20.0	20.1	20.1	0	20.7	20.0	20.1	20.1	0	20.7
		8	0	20.2	20.2	20.2	0	20.7	20.2	20.2	20.2	0	20.7
	256QAM	8	4	20.2	20.2	20.2	0	20.7	20.2	20.2	20.2	0	20.7
		8	7	20.3	20.2	20.2	0	20.7	20.3	20.2	20.2	0	20.7
		15	0	20.2	20.2	20.2	0	20.7	20.2	20.2	20.2	0	20.7
		1	0	20.1	20.1	20.2	0	20.7	20.1	20.1	20.2	0	20.7
		1	8	20.2	20.2	20.2	0	20.7	20.2	20.2	20.2	0	20.7
		1	14	20.1	20.1	20.0	0	20.7	20.1	20.1	20.0	0	20.7
1.4	QPSK	8	0	20.2	20.2	20.2	0	20.7	20.2	20.2	20.2	0	20.7
		8	4	20.2	20.2	20.3	0	20.7	20.2	20.2	20.3	0	20.7
		8	7	20.2	20.2	20.2	0	20.7	20.2	20.2	20.2	0	20.7
		15	0	20.2	20.2	20.2	0	20.7	20.2	20.2	20.2	0	20.7
		1	0	20.1	20.1	20.2	0	20.7	20.1	20.1	20.2	0	20.7
		1	3	20.2	20.3	20.2	0	20.7	20.2	20.3	20.2	0	20.7
	16QAM	1	5	20.2	20.2	20.2	0	20.7	20.2	20.2	20.2	0	20.7
		3	0	20.3	20.3	20.3	0	20.7	20.3	20.3	20.3	0	20.7
		3	1	20.3	20.3	20.3	0	20.7	20.3	20.3	20.3	0	20.7
		3	3	20.3	20.3	20.3	0	20.7	20.3	20.3	20.3	0	20.7
		6	0	20.3	20.3	20.2	0	20.7	20.3	20.3	20.2	0	20.7
		1	0	20.3	20.3	20.2	0	20.7	20.3	20.3	20.2	0	20.7
	64QAM	1	3	20.4	20.3	20.2	0	20.7	20.4	20.3	20.2	0	20.7
		1	5	20.3	20.3	20.2	0	20.7	20.3	20.3	20.2	0	20.7
		3	0	20.2	20.3	20.2	0	20.7	20.2	20.3	20.2	0	20.7
		3	1	20.2	20.3	20.2	0	20.7	20.2	20.3	20.2	0	20.7
		3	3	20.2	20.3	20.2	0	20.7	20.2	20.3	20.2	0	20.7
		6	0	20.3	20.4	20.2	0	20.7	20.3	20.4	20.2	0	20.7
	256QAM	1	0	20.1	20.1	20.2	0	20.7	20.1	20.1	20.2	0	20.7
		1	3	20.1	20.2	20.2	0	20.7	20.1	20.2	20.2	0	20.7
		1	5	20.3	20.2	20.2	0	20.7	20.3	20.2	20.2	0	20.7
		3	0	19.9	20.2	20.2	0	20.7	19.9	20.2	20.2	0	20.7
		3	1	20.0	20.2	20.1	0	20.7	20.0	20.2	20.1	0	20.7
		3	3	20.0	20.3	20.1	0	20.7	20.0	20.3	20.1	0	20.7
1.4	QPSK	6	0	20.2	20.1	20.2	0	20.7	20.2	20.1	20.2	0	20.7
		1	0	20.1	20.1	20.1	0	20.7	20.1	20.1	20.1	0	20.7
		1	3	20.0	20.1	20.2	0	20.7	20.0	20.1	20.2	0	20.7
		1	5	20.2	20.4	20.2	0	20.7	20.2	20.4	20.2	0	20.7
		3	0	20.2	20.1	20.2	0	20.7	20.2	20.1	20.2	0	20.7
		3	1	20.2	20.2	20.1	0	20.7	20.2	20.2	20.1	0	20.7
	16QAM	3	3	20.2	20.2	20.2	0	20.7	20.2	20.2	20.2	0	20.7
		6	0	20.1	20.1	20.2	0	20.7	20.1	20.1	20.2	0	20.7
		1	0	20.1	20.1	20.1	0	20.7	20.1	20.1	20.1	0	20.7
		1	3	20.0	20.1	20.2	0	20.7	20.0	20.1	20.2	0	20.7
		1	5	20.2	20.4	20.2	0	20.7	20.2	20.4	20.2	0	20.7
		3	0	20.2	20.1	20.2	0	20.7	20.2	20.1	20.2	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	19.6		0	20.0	20.3		0	20.7
		1	25	19.7		0	20.0	20.4		0	20.7
		1	49	19.1		0	20.0	20.4		0	20.7
		25	0	19.3		0	20.0	20.5		0	20.7
		25	12	19.8		0	20.0	20.6		0	20.7
		25	25	19.8		0	20.0	20.2		0	20.7
		50	0	19.2		0	20.0	19.9		0	20.7
	16QAM	1	0	19.8		0	20.0	20.4		0	20.7
		1	25	19.8		0	20.0	20.5		0	20.7
		1	49	19.8		0	20.0	20.6		0	20.7
		25	0	19.8		0	20.0	20.5		0	20.7
		25	12	19.8		0	20.0	20.6		0	20.7
		25	25	19.8		0	20.0	20.6		0	20.7
		50	0	19.8		0	20.0	20.5		0	20.7
	64QAM	1	0	19.8		0	20.0	20.3		0	20.7
		1	25	19.8		0	20.0	20.4		0	20.7
		1	49	19.8		0	20.0	20.4		0	20.7
		25	0	19.8		0	20.0	20.5		0	20.7
		25	12	19.8		0	20.0	20.5		0	20.7
		25	25	19.9		0	20.0	20.5		0	20.7
		50	0	19.8		0	20.0	20.5		0	20.7
	256QAM	1	0	18.4		1.3	18.7	18.3		2	18.7
		1	25	18.5		1.3	18.7	18.5		2	18.7
		1	49	18.5		1.3	18.7	18.5		2	18.7
		25	0	18.5		1.3	18.7	18.5		2	18.7
		25	12	18.5		1.3	18.7	18.5		2	18.7
		25	25	18.6		1.3	18.7	18.5		2	18.7
		50	0	18.5		1.3	18.7	18.5		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	19.6		0	20.0	20.4		0	20.7
		1	12	19.8		0	20.0	20.5		0	20.7
		1	24	19.7		0	20.0	20.5		0	20.7
		12	0	19.8		0	20.0	20.5		0	20.7
		12	7	19.8		0	20.0	20.5		0	20.7
		12	13	19.8		0	20.0	20.5		0	20.7
		25	0	19.7		0	20.0	20.5		0	20.7
	16QAM	1	0	19.7		0	20.0	20.5		0	20.7
		1	12	19.9		0	20.0	20.6		0	20.7
		1	24	19.8		0	20.0	20.5		0	20.7
		12	0	19.8		0	20.0	20.4		0	20.7
		12	7	19.8		0	20.0	20.5		0	20.7
		12	13	19.8		0	20.0	20.5		0	20.7
		25	0	19.8		0	20.0	20.5		0	20.7
	64QAM	1	0	19.7		0	20.0	20.5		0	20.7
		1	12	19.8		0	20.0	20.5		0	20.7
		1	24	19.8		0	20.0	20.4		0	20.7
		12	0	19.7		0	20.0	20.5		0	20.7
		12	7	19.8		0	20.0	20.5		0	20.7
		12	13	19.8		0	20.0	20.5		0	20.7
		25	0	19.8		0	20.0	20.5		0	20.7
	256QAM	1	0	18.3		1.3	18.7	18.4		2	18.7
		1	12	18.4		1.3	18.7	18.5		2	18.7
		1	24	18.4		1.3	18.7	18.4		2	18.7
		12	0	18.4		1.3	18.7	18.5		2	18.7
		12	7	18.5		1.3	18.7	18.5		2	18.7
		12	13	18.5		1.3	18.7	18.5		2	18.7
		25	0	18.4		1.3	18.7	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	19.7	19.7	19.7	0	20.0	20.4	20.4	20.4	0	20.7
		1	8	19.7	19.8	19.8	0	20.0	20.4	20.5	20.5	0	20.7
		1	14	19.7	19.7	19.7	0	20.0	20.4	20.4	20.4	0	20.7
		8	0	19.8	19.8	19.8	0	20.0	20.5	20.5	20.5	0	20.7
		8	4	19.8	19.8	19.8	0	20.0	20.5	20.6	20.6	0	20.7
		8	7	19.8	19.8	19.9	0	20.0	20.5	20.6	20.6	0	20.7
	16QAM	15	0	19.7	19.8	19.8	0	20.0	20.5	20.5	20.5	0	20.7
		1	0	19.7	19.7	19.7	0	20.0	20.5	20.3	20.3	0	20.7
		1	8	19.9	19.8	19.7	0	20.0	20.5	20.4	20.4	0	20.7
		1	14	19.8	19.7	19.7	0	20.0	20.5	20.4	20.4	0	20.7
		8	0	19.7	19.8	19.8	0	20.0	20.4	20.5	20.5	0	20.7
		8	4	19.8	19.9	19.8	0	20.0	20.5	20.5	20.6	0	20.7
	64QAM	8	7	19.8	19.8	19.8	0	20.0	20.5	20.5	20.6	0	20.7
		15	0	19.8	19.8	19.8	0	20.0	20.4	20.5	20.5	0	20.7
		1	0	19.6	19.6	19.8	0	20.0	20.4	20.2	20.4	0	20.7
		1	8	19.7	19.7	19.9	0	20.0	20.4	20.4	20.5	0	20.7
		1	14	19.6	19.7	19.8	0	20.0	20.6	20.4	20.6	0	20.7
		8	0	19.8	19.8	19.8	0	20.0	20.4	20.5	20.5	0	20.7
	256QAM	8	4	19.8	19.8	19.8	0	20.0	20.5	20.6	20.5	0	20.7
		8	7	19.8	19.8	19.8	0	20.0	20.5	20.5	20.5	0	20.7
		15	0	19.8	19.8	19.8	0	20.0	20.4	20.5	20.5	0	20.7
		1	0	18.4	18.3	18.4	1.3	18.7	18.3	18.4	18.4	2	18.7
		1	8	18.4	18.4	18.4	1.3	18.7	18.4	18.5	18.4	2	18.7
		1	14	18.4	18.4	18.4	1.3	18.7	18.3	18.4	18.3	2	18.7
1.4	QPSK	8	0	18.5	18.4	18.5	1.3	18.7	18.4	18.5	18.5	2	18.7
		8	4	18.5	18.5	18.5	1.3	18.7	18.5	18.5	18.5	2	18.7
		8	7	18.5	18.5	18.5	1.3	18.7	18.5	18.5	18.5	2	18.7
		15	0	18.5	18.4	18.5	1.3	18.7	18.4	18.5	18.5	2	18.7
	16QAM	1	0	19.6	19.8	19.7	0	20.0	20.4	20.4	20.4	0	20.7
		1	3	19.7	19.8	19.7	0	20.0	20.5	20.5	20.5	0	20.7
		1	5	19.7	19.8	19.7	0	20.0	20.5	20.4	20.5	0	20.7
		3	0	19.8	19.8	19.8	0	20.0	20.5	20.5	20.5	0	20.7
		3	1	19.8	19.9	19.8	0	20.0	20.5	20.5	20.5	0	20.7
		3	3	19.8	19.8	19.8	0	20.0	20.5	20.5	20.5	0	20.7
	64QAM	6	0	19.8	19.8	19.8	0	20.0	20.5	20.5	20.5	0	20.7
		1	0	19.9	19.9	20.0	0	20.0	20.2	20.4	20.6	0	20.7
		1	3	19.9	19.9	19.6	0	20.0	20.4	20.5	20.5	0	20.7
		1	5	19.8	19.7	19.8	0	20.0	20.3	20.4	20.4	0	20.7
		3	0	19.7	19.8	19.8	0	20.0	20.3	20.3	20.4	0	20.7
		3	1	19.7	19.7	19.8	0	20.0	20.4	20.4	20.5	0	20.7
	256QAM	3	3	19.7	19.8	19.7	0	20.0	20.4	20.4	20.5	0	20.7
		6	0	19.8	19.8	19.8	0	20.0	20.4	20.5	20.5	0	20.7
		1	0	19.9	19.8	19.9	0	20.0	20.2	20.3	20.3	0	20.7
		1	3	19.8	19.5	19.6	0	20.0	20.6	20.3	20.5	0	20.7
		1	5	19.7	19.6	19.9	0	20.0	20.6	20.3	20.6	0	20.7
		3	0	19.8	19.7	19.8	0	20.0	20.3	20.6	20.4	0	20.7
1.4	64QAM	3	1	19.7	19.8	19.8	0	20.0	20.3	20.6	20.5	0	20.7
		3	3	19.7	19.8	19.8	0	20.0	20.3	20.6	20.5	0	20.7
		6	0	19.8	19.7	19.8	0	20.0	20.3	20.6	20.5	0	20.7
		1	0	18.5	18.4	18.3	1.3	18.7	18.4	18.5	18.3	2	18.7
		1	3	18.5	18.6	18.5	1.3	18.7	18.5	18.4	18.4	2	18.7
		1	5	18.5	18.4	18.5	1.3	18.7	18.6	18.5	18.6	2	18.7
	256QAM	3	0	18.4	18.4	18.5	1.3	18.7	18.4	18.5	18.6	2	18.7
		3	1	18.5	18.5	18.5	1.3	18.7	18.4	18.4	18.5	2	18.7
		3	3	18.5	18.3	18.5	1.3	18.7	18.4	18.5	18.4	2	18.7
		6	0	18.5	18.5	18.5	1.3	18.7	18.4	18.5	18.5	2	18.7
		1	0	18.5	18.4	18.3	1.3	18.7	18.4	18.5	18.3	2	18.7
		1	3	18.5	18.6	18.5	1.3	18.7	18.5	18.4	18.4	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	24.9	25.0	0	25.3	18.4	18.4	18.3	0	19.5
		1	49	25.1	25.1	25.2	0	25.3	18.4	18.4	18.3	0	19.5
		1	99	25.1	25.0	24.8	0	25.3	18.4	18.3	18.1	0	19.5
		50	0	24.5	24.5	24.4	0.6	24.7	18.2	18.4	18.3	0	19.5
		50	24	24.6	24.7	24.5	0.6	24.7	18.4	18.4	18.3	0	19.5
		50	50	24.6	24.5	24.4	0.6	24.7	18.1	18.4	18.3	0	19.5
	16QAM	100	0	24.6	24.4	24.2	0.6	24.7	18.3	18.4	18.2	0	19.5
		1	0	24.7	24.7	24.7	0.6	24.7	18.1	18.2	18.3	0	19.5
		1	49	24.7	24.7	24.7	0.6	24.7	18.3	18.0	18.2	0	19.5
		1	99	24.7	24.7	24.6	0.6	24.7	18.0	18.3	18.4	0	19.5
		50	0	23.6	23.5	23.4	1.6	23.7	18.3	18.4	18.3	0	19.5
		50	24	23.7	23.6	23.4	1.6	23.7	18.2	18.4	18.4	0	19.5
	64QAM	50	50	23.6	23.5	23.4	1.6	23.7	18.3	18.4	18.3	0	19.5
		100	0	23.6	23.6	23.3	1.6	23.7	18.3	18.4	18.2	0	19.5
		1	0	23.6	23.7	23.5	1.6	23.7	18.4	18.4	18.2	0	19.5
		1	49	23.7	23.7	23.6	1.6	23.7	18.4	18.4	18.2	0	19.5
		1	99	23.6	23.7	23.4	1.6	23.7	18.3	18.3	18.0	0	19.5
		50	0	22.5	22.5	22.4	2.6	22.7	18.2	18.2	18.1	0	19.5
15	QPSK	50	24	22.6	22.5	22.5	2.6	22.7	18.3	18.2	18.2	0	19.5
		50	50	22.6	22.5	22.4	2.6	22.7	18.3	18.2	18.1	0	19.5
		100	0	22.6	22.5	22.3	2.6	22.7	18.3	18.1	18.1	0	19.5
	16QAM	1	0	20.7	20.6	20.4	4.6	20.7	18.4	18.3	18.2	0	19.5
		1	49	20.7	20.6	20.4	4.6	20.7	18.4	18.3	18.1	0	19.5
		1	99	20.7	20.6	20.4	4.6	20.7	18.4	18.4	18.1	0	19.5
	64QAM	50	0	20.6	20.5	20.4	4.6	20.7	18.3	18.1	18.1	0	19.5
		50	24	20.7	20.5	20.4	4.6	20.7	18.3	18.2	18.2	0	19.5
		50	50	20.6	20.5	20.4	4.6	20.7	18.3	18.2	18.1	0	19.5
	256QAM	100	0	20.6	20.5	20.4	4.6	20.7	18.3	18.1	18.1	0	19.5
		1	0	20.7	20.6	20.4	4.6	20.7	18.4	18.3	18.2	0	19.5
		1	49	20.7	20.6	20.4	4.6	20.7	18.4	18.3	18.1	0	19.5
		1	99	20.7	20.6	20.4	4.6	20.7	18.4	18.4	18.1	0	19.5
		50	0	20.6	20.5	20.4	4.6	20.7	18.3	18.1	18.1	0	19.5
		50	24	20.7	20.5	20.4	4.6	20.7	18.3	18.2	18.2	0	19.5
15	QPSK	50	50	20.6	20.5	20.4	4.6	20.7	18.3	18.2	18.1	0	19.5
		100	0	20.6	20.5	20.4	4.6	20.7	18.3	18.1	18.1	0	19.5
	16QAM	1	0	20.7	20.6	20.4	4.6	20.7	18.4	18.3	18.2	0	19.5
		1	49	20.7	20.6	20.4	4.6	20.7	18.4	18.3	18.1	0	19.5
		1	99	20.7	20.6	20.4	4.6	20.7	18.4	18.4	18.1	0	19.5
		50	0	20.6	20.5	20.4	4.6	20.7	18.3	18.1	18.1	0	19.5
	64QAM	50	24	20.7	20.5	20.4	4.6	20.7	18.3	18.2	18.2	0	19.5
		50	50	20.6	20.5	20.4	4.6	20.7	18.3	18.2	18.1	0	19.5
		100	0	20.6	20.5	20.4	4.6	20.7	18.3	18.1	18.1	0	19.5
	256QAM	1	0	20.7	20.6	20.4	4.6	20.7	18.4	18.3	18.2	0	19.5
		1	49	20.7	20.6	20.4	4.6	20.7	18.4	18.3	18.1	0	19.5
		1	99	20.7	20.6	20.4	4.6	20.7	18.4	18.4	18.1	0	19.5
		50	0	20.6	20.5	20.4	4.6	20.7	18.3	18.1	18.1	0	19.5
		50	24	20.7	20.5	20.4	4.6	20.7	18.3	18.2	18.2	0	19.5
		50	50	20.6	20.5	20.4	4.6	20.7	18.3	18.2	18.1	0	19.5

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	25.3	25.2	25.1	0	25.3	18.4	18.3	18.4	0	19.5
		1	25	25.3	25.2	25.1	0	25.3	18.4	18.3	18.4	0	19.5
		1	49	25.3	25.2	25.0	0	25.3	18.4	18.3	18.3	0	19.5
		25	0	24.7	24.6	24.5	0.6	24.7	18.4	18.3	18.4	0	19.5
		25	12	24.7	24.7	24.5	0.6	24.7	18.4	18.4	18.4	0	19.5
		25	25	24.7	24.6	24.5	0.6	24.7	18.4	18.4	18.4	0	19.5
	16QAM	50	0	24.7	24.6	24.5	0.6	24.7	18.4	18.4	18.4	0	19.5
		1	0	24.7	24.7	24.7	0.6	24.7	18.5	18.6	18.4	0	19.5
		1	25	24.7	24.7	24.7	0.6	24.7	18.5	18.6	18.5	0	19.5
		1	49	24.7	24.7	24.7	0.6	24.7	18.6	18.6	18.4	0	19.5
		25	0	23.7	23.6	23.5	1.6	23.7	18.5	18.3	18.4	0	19.5
		25	12	23.7	23.7	23.5	1.6	23.7	18.6	18.4	18.4	0	19.5
	64QAM	25	25	23.7	23.7	23.6	1.6	23.7	18.6	18.4	18.3	0	19.5
		50	0	23.7	23.7	23.5	1.6	23.7	18.5	18.4	18.4	0	19.5
		1	0	23.7	22.7	23.7	1.6	23.7	18.4	18.4	18.3	0	19.5
		1	25	23.7	23.7	23.7	1.6	23.7	18.4	18.4	18.2	0	19.5
		1	49	23.7	23.6	23.7	1.6	23.7	18.3	18.4	18.1	0	19.5
		25	0	22.7	22.6	22.5	2.6	22.7	18.4	18.3	18.2	0	19.5
	256QAM	25	12	22.7	22.7	22.5	2.6	22.7	18.3	18.3	18.2	0	19.5
		25	25	22.7	22.7	22.6	2.6	22.7	18.4	18.4	18.2	0	19.5
		50	0	22.7	22.6	22.5	2.6	22.7	18.4	18.3	18.2	0	19.5
		1	0	20.7	20.7	20.5	4.6	20.7	18.3	18.4	18.3	0	19.5
		1	25	20.7	20.6	20.6	4.6	20.7	18.4	18.3	18.4	0	19.5
		1	49	20.7	20.7	20.5	4.6	20.7	18.3	18.4	18.4	0	19.5
5	QPSK	25	0	20.7	20.6	20.5	4.6	20.7	18.3	18.3	18.2	0	19.5
		25	12	20.7	20.7	20.6	4.6	20.7	18.3	18.3	18.2	0	19.5
		25	25	20.7	20.7	20.6	4.6	20.7	18.4	18.4	18.2	0	19.5
		50	0	20.7	20.6	20.5	4.6	20.7	18.3	18.3	18.2	0	19.5
		1	0	25.3	25.2	25.1	0	25.3	18.4	18.3	18.4	0	19.5
		1	12	25.3	25.3	25.2	0	25.3	18.4	18.3	18.4	0	19.5
	16QAM	1	24	25.2	25.2	25.1	0	25.3	18.4	18.3	18.3	0	19.5
		12	0	24.7	24.6	24.6	0.6	24.7	18.5	18.3	18.2	0	19.5
		12	7	24.7	24.7	24.6	0.6	24.7	18.5	18.4	18.3	0	19.5
		12	13	24.7	24.7	24.6	0.6	24.7	18.5	18.3	18.2	0	19.5
		25	0	24.7	24.7	24.6	0.6	24.7	18.5	18.3	18.4	0	19.5
		1	0	24.7	24.7	24.7	0.6	24.7	18.8	18.5	18.5	0	19.5
	64QAM	1	12	24.7	24.7	24.7	0.6	24.7	18.8	18.6	18.5	0	19.5
		1	24	24.7	24.7	24.7	0.6	24.7	18.9	18.6	18.5	0	19.5
		12	0	23.7	23.6	23.6	1.6	23.7	18.6	18.3	18.4	0	19.5
		12	7	23.7	23.7	23.6	1.6	23.7	18.6	18.4	18.4	0	19.5
		12	13	23.7	23.7	23.6	1.6	23.7	18.6	18.3	18.4	0	19.5
		25	0	23.7	23.7	23.6	1.6	23.7	18.6	18.4	18.2	0	19.5
	256QAM	1	0	23.7	23.6	23.7	1.6	23.7	18.4	18.4	18.4	0	19.5
		1	12	23.7	23.7	23.7	1.6	23.7	18.3	18.4	18.4	0	19.5
		1	24	23.7	23.7	23.6	1.6	23.7	18.4	18.4	18.4	0	19.5
		12	0	22.7	22.6	22.5	2.6	22.7	18.4	18.3	18.2	0	19.5
		12	7	22.7	22.6	22.6	2.6	22.7	18.4	18.3	18.2	0	19.5
		12	13	22.6	22.7	22.5	2.6	22.7	18.4	18.4	18.2	0	19.5
5	QPSK	25	0	22.7	22.6	22.5	2.6	22.7	18.4	18.3	18.2	0	19.5
		1	0	20.7	20.7	20.7	4.6	20.7	18.4	18.4	18.4	0	19.5
		1	12	20.7	20.7	20.7	4.6	20.7	18.4	18.4	18.4	0	19.5
		1	24	20.7	20.7	20.7	4.6	20.7	18.3	18.4	18.4	0	19.5
		12	0	20.7	20.6	20.5	4.6	20.7	18.2	18.3	18.2	0	19.5
		12	7	20.7	20.6	20.6	4.6	20.7	18.3	18.3	18.3	0	19.5
	16QAM	12	13	20.7	20.7	20.5	4.6	20.7	18.4	18.4	18.2	0	19.5
		25	0	20.7	20.6	20.5	4.6	20.7	18.4	18.3	18.2	0	19.5
		1	0	25.3	25.2	25.1	0	25.3	18.4	18.3	18.4	0	19.5
		1	12	25.3	25.3	25.2	0	25.3	18.4	18.3	18.4	0	19.5
		1	24	25.2	25.2	25.1	0	25.3	18.4	18.3	18.3	0	19.5
		12	0	24.7	24.6	24.6	0.6	24.7	18.5	18.3	18.2	0	19.5
	64QAM	12	7	24.7	24.7	24.6	0.6	24.7	18.5	18.4	18.3	0	19.5
		12	13	24.7	24.7	24.6	0.6	24.7	18.5	18.3	18.2	0	19.5
		25	0	24.7	24.7	24.6	0.6	24.7	18.5	18.3	18.4	0	19.5
		1	0	24.7	24.7	24.7	0.6	24.7	18.8	18.5	18.5	0	19.5
		1	12	24.7	24.7	24.7	0.6	24.7	18.8	18.6	18.5	0	19.5
		1	24	24.7	24.7	24.7	0.6	24.7	18.9	18.6	18.5	0	19.5
	256QAM	12	0	23.7	23.6	23.6	1.6	23.7	18.6	18.3	18.4	0	19.5
		12	7	23.7	23.7	23.6	1.6	23.7	18.6	18.4	18.4	0	19.5
		12	13	23.7	23.7	23.6	1.6	23.7	18.6	18.3	18.4	0	19.5
		25	0	23.7	23.7	23.6	1.6	23.7	18.6	18.4	18.2	0	19.5
		1	0	23.7	23.6	23.7	1.6	23.7	18.4	18.4	18.4	0	19.5
		1	12	23.7	23.7	23.7	1.6	23.7	18.3	18.4	18.4	0	19.5
	QPSK	1	24	23.7	23.7	23.6	1.6	23.7	18.4	18.4	18.4	0	19.5
		12	0	22.7	22.6	22.5	2.6	22.7	18.4	18.3	18.2	0	19.5
		12	7	22.7	22.6	22.6	2.6	22.7	18.4	18.3	18.2	0	19.5
		12	13	22.6	22.7	22.5	2.6	22.7	18.4	18.4	18.2	0	19.5
		25	0	22.7	22.6	22.5	2.6	22.7	18.4	18.3	18.2	0	19.5
		1	0	20.7	20.7	20.7	4.6	20.7	18.4	18.4	18.4	0	19.5
	16QAM	1	12	20.7	20.7	20.7	4.6	20.7	18.4	18.4	18.4	0	19.5
		1	24	20.7	20.7	20.7	4.6	20.7	18.3	18.4	18.4	0	19.5
		12	0	20.7	20.6	20.5	4.6	20.7	18.2	18.3	18.2	0	19.5
		12	7	20.7	20.6	20.6	4.6	20.7	18.3	18.3	18.3	0	19.5
		12	13	20.7	20.7	20.5	4.6	20.7	18.4	18.4	18.2	0	19.5
		25	0	20.7	20.6	20.5	4.6	20.7	18.4	18.3	18.2	0	19.5

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	25.3	25.2	25.1	0	25.3	18.4	18.4	18.4	0	19.5
		1	8	25.3	25.2	25.2	0	25.3	18.5	18.3	18.4	0	19.5
		1	14	25.3	25.2	25.0	0	25.3	18.4	18.2	18.3	0	19.5
		8	0	24.7	24.7	24.5	0.6	24.7	18.5	18.3	18.4	0	19.5
		8	4	24.7	24.7	24.6	0.6	24.7	18.5	18.3	18.4	0	19.5
		8	7	24.7	24.7	24.6	0.6	24.7	18.5	18.3	18.4	0	19.5
	16QAM	15	0	24.7	24.6	24.5	0.6	24.7	18.5	18.3	18.4	0	19.5
		1	0	24.7	24.7	24.7	0.6	24.7	18.8	18.5	18.5	0	19.5
		1	8	24.7	24.7	24.7	0.6	24.7	18.8	18.5	18.6	0	19.5
		1	14	24.7	24.7	24.7	0.6	24.7	18.8	18.5	18.5	0	19.5
		8	0	23.7	23.7	23.6	1.6	23.7	18.6	18.4	18.3	0	19.5
		8	4	23.7	23.7	23.6	1.6	23.7	18.6	18.4	18.3	0	19.5
	64QAM	8	7	23.7	23.7	23.6	1.6	23.7	18.6	18.4	18.3	0	19.5
		15	0	23.7	23.7	23.6	1.6	23.7	18.5	18.4	18.3	0	19.5
		1	0	23.7	23.7	23.5	1.6	23.7	18.4	18.4	18.4	0	19.5
		1	8	23.7	23.7	23.6	1.6	23.7	18.3	18.4	18.4	0	19.5
		1	14	23.7	23.7	23.7	1.6	23.7	18.4	18.4	18.3	0	19.5
		8	0	22.7	22.6	22.5	2.6	22.7	18.4	18.3	18.3	0	19.5
	256QAM	8	4	22.7	22.7	22.6	2.6	22.7	18.4	18.4	18.3	0	19.5
		8	7	22.7	22.7	22.6	2.6	22.7	18.3	18.4	18.3	0	19.5
		15	0	22.7	22.6	22.5	2.6	22.7	18.3	18.3	18.2	0	19.5
		1	0	20.7	20.6	20.7	4.6	20.7	18.4	18.3	18.3	0	19.5
		1	8	20.7	20.7	20.7	4.6	20.7	18.3	18.4	18.4	0	19.5
		1	14	20.7	20.7	20.6	4.6	20.7	18.3	18.3	18.3	0	19.5
1.4	QPSK	8	0	20.7	20.6	20.5	4.6	20.7	18.4	18.3	18.2	0	19.5
		8	4	20.7	20.7	20.6	4.6	20.7	18.2	18.4	18.3	0	19.5
		8	7	20.7	20.7	20.6	4.6	20.7	18.4	18.4	18.3	0	19.5
		15	0	20.7	20.6	20.5	4.6	20.7	18.3	18.3	18.2	0	19.5
		1	0	25.3	25.2	25.0	0	25.3	18.5	18.3	18.3	0	19.5
		1	3	25.3	25.2	25.1	0	25.3	18.5	18.3	18.4	0	19.5
	16QAM	1	5	25.3	25.2	25.1	0	25.3	18.4	18.3	18.3	0	19.5
		3	0	25.3	25.3	25.2	0	25.3	18.5	18.3	18.4	0	19.5
		3	1	25.3	25.3	25.1	0	25.3	18.5	18.3	18.4	0	19.5
		3	3	25.3	25.3	25.2	0	25.3	18.5	18.3	18.4	0	19.5
		6	0	24.7	24.6	24.5	0.6	24.7	18.5	18.3	18.4	0	19.5
		1	0	24.7	24.7	24.7	0.6	24.7	18.8	18.6	18.3	0	19.5
	64QAM	1	3	24.7	24.7	24.7	0.6	24.7	18.8	18.6	18.4	0	19.5
		1	5	24.7	24.7	24.7	0.6	24.7	18.7	18.6	18.4	0	19.5
		3	0	24.7	24.7	24.7	0.6	24.7	18.6	18.4	18.3	0	19.5
		3	1	24.7	24.7	24.7	0.6	24.7	18.6	18.4	18.3	0	19.5
		3	3	24.7	24.7	24.6	0.6	24.7	18.6	18.4	18.2	0	19.5
		6	0	23.7	23.7	23.6	1.6	23.7	18.5	18.4	18.2	0	19.5
	256QAM	1	0	23.7	23.7	23.5	1.6	23.7	18.4	18.3	18.3	0	19.5
		1	3	23.7	23.7	23.7	1.6	23.7	18.4	18.2	18.2	0	19.5
		1	5	23.7	23.7	23.6	1.6	23.7	18.3	18.3	18.3	0	19.5
		3	0	23.7	23.7	23.7	1.6	23.7	18.3	18.2	18.3	0	19.5
		3	1	23.7	23.6	23.7	1.6	23.7	18.4	18.2	18.3	0	19.5
		3	3	23.7	23.7	23.7	1.6	23.7	18.4	18.2	18.3	0	19.5
	256QAM	6	0	22.7	22.7	22.5	2.6	22.7	18.4	18.3	18.2	0	19.5
		1	0	20.7	20.7	20.6	4.6	20.7	18.3	18.4	18.3	0	19.5
		1	3	20.7	20.7	20.6	4.6	20.7	18.4	18.4	18.3	0	19.5
		1	5	20.7	20.7	20.5	4.6	20.7	18.4	18.3	18.3	0	19.5
		3	0	20.7	20.7	20.5	4.6	20.7	18.4	18.3	18.2	0	19.5
		3	1	20.7	20.7	20.5	4.6	20.7	18.4	18.3	18.2	0	19.5
		3	3	20.7	20.7	20.5	4.6	20.7	18.4	18.3	18.2	0	19.5
		6	0	20.7	20.7	20.5	4.6	20.7	18.4	18.4	18.3	0	19.5

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	19.0	18.9	18.8	0	20.0	18.8	18.6	18.5	0	19.4
		1	49	19.0	18.9	18.9	0	20.0	18.8	18.6	18.6	0	19.4
		1	99	19.0	18.9	18.8	0	20.0	18.7	18.6	18.5	0	19.4
		50	0	19.2	19.0	18.9	0	20.0	18.8	18.7	18.6	0	19.4
		50	24	19.2	19.0	19.0	0	20.0	18.9	18.8	18.7	0	19.4
		50	50	19.1	19.0	18.9	0	20.0	18.8	18.7	18.6	0	19.4
		100	0	19.1	19.1	18.9	0	20.0	18.5	18.7	18.6	0	19.4
	16QAM	1	0	19.3	19.2	19.2	0	20.0	19.1	18.9	18.8	0	19.4
		1	49	19.3	19.2	19.2	0	20.0	19.0	18.9	18.8	0	19.4
		1	99	19.2	19.3	19.1	0	20.0	19.0	18.9	18.8	0	19.4
		50	0	19.2	19.0	18.9	0	20.0	19.0	18.7	18.6	0	19.4
		50	24	19.2	19.0	19.0	0	20.0	18.9	18.7	18.7	0	19.4
		50	50	19.1	19.0	18.9	0	20.0	18.8	18.7	18.7	0	19.4
		100	0	19.2	19.0	18.9	0	20.0	18.8	18.7	18.6	0	19.4
	64QAM	1	0	19.3	19.3	19.0	0	20.0	19.0	18.7	18.7	0	19.4
		1	49	19.3	19.2	19.0	0	20.0	19.0	18.7	18.8	0	19.4
		1	99	19.3	19.2	19.0	0	20.0	19.0	18.7	18.6	0	19.4
		50	0	19.2	19.0	18.9	0	20.0	18.9	18.7	18.6	0	19.4
		50	24	19.2	19.0	19.0	0	20.0	18.9	18.7	18.7	0	19.4
		50	50	19.1	19.0	18.9	0	20.0	18.8	18.7	18.6	0	19.4
		100	0	19.1	19.0	18.9	0	20.0	18.9	18.7	18.6	0	19.4
	256QAM	1	0	18.4	18.2	18.3	0	20.0	18.4	18.4	18.3	0	19.4
		1	49	18.2	18.4	18.4	0	20.0	18.2	18.4	18.2	0	19.4
		1	99	18.4	18.3	18.3	0	20.0	18.3	18.4	18.2	0	19.4
		50	0	18.2	18.3	18.2	0	20.0	18.2	18.2	18.2	0	19.4
		50	24	18.3	18.3	18.3	0	20.0	18.3	18.3	18.4	0	19.4
		50	50	18.3	18.4	18.4	0	20.0	18.3	18.2	18.2	0	19.4
		100	0	18.2	18.3	18.3	0	20.0	18.2	18.3	18.4	0	19.4
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	19.1	18.9	18.8	0	20.0	18.8	18.6	18.5	0	19.4
		1	37	19.1	18.9	18.9	0	20.0	18.8	18.6	18.6	0	19.4
		1	74	19.1	18.9	18.8	0	20.0	18.8	18.6	18.5	0	19.4
		36	0	19.2	19.0	18.9	0	20.0	18.9	18.7	18.6	0	19.4
		36	20	19.1	19.0	18.8	0	20.0	18.8	18.7	18.6	0	19.4
		36	39	19.1	19.0	18.9	0	20.0	18.9	18.7	18.7	0	19.4
		75	0	19.2	19.0	18.9	0	20.0	18.9	18.7	18.6	0	19.4
	16QAM	1	0	19.3	19.2	19.1	0	20.0	19.0	18.9	18.8	0	19.4
		1	37	19.5	19.2	19.1	0	20.0	19.1	18.9	18.9	0	19.4
		1	74	19.4	19.2	19.0	0	20.0	19.1	18.8	18.8	0	19.4
		36	0	19.2	19.0	18.9	0	20.0	18.9	18.7	18.6	0	19.4
		36	20	19.2	19.0	18.9	0	20.0	18.9	18.7	18.6	0	19.4
		36	39	19.2	19.0	18.9	0	20.0	18.9	18.7	18.6	0	19.4
		75	0	19.2	19.0	18.8	0	20.0	18.9	18.7	18.6	0	19.4
	64QAM	1	0	19.1	19.0	18.9	0	20.0	19.0	18.7	18.7	0	19.4
		1	37	19.1	19.0	18.9	0	20.0	19.1	18.7	18.7	0	19.4
		1	74	19.1	19.0	18.9	0	20.0	19.0	18.7	18.6	0	19.4
		36	0	19.2	19.0	18.9	0	20.0	18.9	18.7	18.6	0	19.4
		36	20	19.2	19.0	18.9	0	20.0	18.9	18.7	18.6	0	19.4
		36	39	19.2	19.0	19.0	0	20.0	18.9	18.7	18.7	0	19.4
		75	0	19.2	19.0	18.8	0	20.0	18.9	18.7	18.6	0	19.4
	256QAM	1	0	18.2	18.2	18.4	0	20.0	18.3	18.2	18.2	0	19.4
		1	37	18.3	18.2	18.4	0	20.0	18.3	18.4	18.2	0	19.4
		1	74	18.3	18.3	18.4	0	20.0	18.3	18.2	18.3	0	19.4
		36	0	18.2	18.3	18.2	0	20.0	18.2	18.3	18.4	0	19.4
		36	20	18.3	18.4	18.2	0	20.0	18.2	18.3	18.2	0	19.4
		36	39	18.2	18.4	18.2	0	20.0	18.3	18.4	18.4	0	19.4
		75	0	18.4	18.3	18.2	0	20.0	18.3	18.4	18.2	0	19.4

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	19.3	19.0	19.0	0	20.0	19.0	18.8	18.7	0	19.4
		1	25	19.3	19.1	19.1	0	20.0	19.0	18.8	18.7	0	19.4
		1	49	19.2	19.1	19.0	0	20.0	18.9	18.8	18.7	0	19.4
		25	0	19.4	19.1	19.0	0	20.0	19.0	18.8	18.7	0	19.4
		25	12	19.3	19.2	19.0	0	20.0	19.0	18.9	18.7	0	19.4
		25	25	19.3	19.1	19.1	0	20.0	18.9	18.8	18.8	0	19.4
	16QAM	50	0	19.3	19.1	19.0	0	20.0	18.9	18.8	18.7	0	19.4
		1	0	19.5	19.4	19.2	0	20.0	19.2	19.0	19.0	0	19.4
		1	25	19.5	19.5	19.3	0	20.0	19.2	19.1	19.1	0	19.4
		1	49	19.5	19.4	19.2	0	20.0	19.2	19.0	19.0	0	19.4
		25	0	19.4	19.1	19.1	0	20.0	19.0	18.9	18.8	0	19.4
		25	12	19.3	19.1	19.1	0	20.0	19.0	18.9	18.8	0	19.4
	64QAM	25	25	19.2	19.1	19.1	0	20.0	19.0	18.9	18.8	0	19.4
		50	0	19.3	19.1	19.0	0	20.0	18.9	18.8	18.7	0	19.4
		1	0	19.4	19.2	19.1	0	20.0	19.2	18.8	18.9	0	19.4
		1	25	19.4	19.3	19.2	0	20.0	19.3	18.9	19.0	0	19.4
		1	49	19.4	19.3	19.1	0	20.0	19.2	18.9	19.0	0	19.4
		25	0	19.4	19.1	19.1	0	20.0	19.1	18.8	18.8	0	19.4
5	QPSK	25	12	19.3	19.2	19.1	0	20.0	19.0	18.9	18.7	0	19.4
		25	25	19.3	19.1	19.1	0	20.0	19.0	18.8	18.8	0	19.4
		50	0	19.3	19.1	19.1	0	20.0	19.0	18.8	18.7	0	19.4
	256QAM	1	0	18.2	18.3	18.2	0	20.0	18.4	18.3	18.3	0	19.4
		1	25	18.4	18.4	18.2	0	20.0	18.2	18.3	18.3	0	19.4
		1	49	18.3	18.4	18.3	0	20.0	18.4	18.2	18.3	0	19.4
	16QAM	25	0	18.3	18.3	18.3	0	20.0	18.2	18.3	18.2	0	19.4
		25	12	18.3	18.3	18.3	0	20.0	18.4	18.2	18.3	0	19.4
		25	25	18.2	18.3	18.3	0	20.0	18.4	18.3	18.3	0	19.4
	64QAM	50	0	18.3	18.4	18.3	0	20.0	18.3	18.3	18.3	0	19.4
		1	0	19.2	19.0	19.0	0	20.0	18.9	18.7	18.7	0	19.4
	256QAM	1	12	19.3	19.1	19.0	0	20.0	19.0	18.8	18.7	0	19.4
		1	24	19.2	19.0	19.0	0	20.0	18.9	18.7	18.7	0	19.4
		12	0	19.3	19.1	19.1	0	20.0	19.0	18.8	18.8	0	19.4
		12	7	19.3	19.1	19.1	0	20.0	19.1	18.9	18.8	0	19.4
	16QAM	12	13	19.3	19.1	19.0	0	20.0	19.0	18.8	18.7	0	19.4
		25	0	19.3	19.1	19.0	0	20.0	19.0	18.8	18.7	0	19.4
	64QAM	1	0	19.6	19.4	19.3	0	20.0	19.3	19.1	19.1	0	19.4
		1	12	19.7	19.5	19.4	0	20.0	19.4	19.2	19.1	0	19.4
		1	24	19.6	19.4	19.4	0	20.0	19.3	19.1	19.0	0	19.4
		12	0	19.3	19.1	19.1	0	20.0	19.0	18.8	18.9	0	19.4
	256QAM	12	13	19.3	19.2	19.2	0	20.0	19.0	18.8	18.8	0	19.4
		25	0	19.3	19.1	19.1	0	20.0	19.0	18.8	18.8	0	19.4
	16QAM	1	0	19.6	19.2	19.2	0	20.0	19.3	19.0	19.0	0	19.4
		1	12	19.7	19.2	19.2	0	20.0	19.2	19.1	19.1	0	19.4
		1	24	19.6	19.2	19.2	0	20.0	19.2	19.0	19.0	0	19.4
		12	0	19.4	19.1	19.1	0	20.0	19.0	18.8	18.8	0	19.4
	256QAM	12	7	19.4	19.2	19.2	0	20.0	19.1	18.9	18.8	0	19.4
		12	13	19.4	19.1	19.1	0	20.0	19.1	18.8	18.8	0	19.4
		25	0	19.4	19.1	19.1	0	20.0	19.1	18.8	18.8	0	19.4
	16QAM	1	0	18.2	18.2	18.4	0	20.0	18.3	18.2	18.4	0	19.4
		1	12	18.2	18.3	18.2	0	20.0	18.2	18.2	18.3	0	19.4
		1	24	18.2	18.2	18.2	0	20.0	18.2	18.4	18.4	0	19.4
		12	0	18.2	18.2	18.2	0	20.0	18.3	18.3	18.3	0	19.4
		12	7	18.2	18.3	18.3	0	20.0	18.4	18.2	18.4	0	19.4
		12	13	18.3	18.3	18.4	0	20.0	18.2	18.3	18.4	0	19.4
	256QAM	25	0	18.3	18.2	18.3	0	20.0	18.4	18.4	18.2	0	19.4

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	19.2	19.0	19.0	0	20.0	19.0	18.7	18.7	0	19.4
		1	8	19.3	19.1	19.0	0	20.0	19.1	18.8	18.8	0	19.4
		1	14	19.2	19.0	19.0	0	20.0	19.0	18.8	18.7	0	19.4
		8	0	19.3	19.1	19.0	0	20.0	19.0	18.8	18.7	0	19.4
		8	4	19.3	19.1	19.0	0	20.0	19.1	18.8	18.8	0	19.4
		8	7	19.3	19.1	19.0	0	20.0	19.0	18.8	18.7	0	19.4
	16QAM	15	0	19.3	19.1	19.0	0	20.0	19.0	18.8	18.7	0	19.4
		1	0	19.5	19.3	19.2	0	20.0	19.2	19.0	19.0	0	19.4
		1	8	19.6	19.4	19.3	0	20.0	19.3	19.1	19.0	0	19.4
		1	14	19.5	19.3	19.2	0	20.0	19.2	19.0	18.9	0	19.4
		8	0	19.4	19.2	19.1	0	20.0	19.1	18.9	18.8	0	19.4
		8	4	19.4	19.2	19.1	0	20.0	19.1	18.9	18.8	0	19.4
	64QAM	8	7	19.4	19.2	19.1	0	20.0	19.1	18.9	18.8	0	19.4
		15	0	19.4	19.2	19.0	0	20.0	19.1	18.8	18.8	0	19.4
		1	0	19.4	19.2	19.3	0	20.0	19.1	19.0	18.8	0	19.4
		1	8	19.4	19.4	19.4	0	20.0	19.1	19.0	19.1	0	19.4
		1	14	19.5	19.2	19.4	0	20.0	19.2	19.0	18.7	0	19.4
		8	0	19.4	19.1	19.0	0	20.0	19.1	18.9	18.8	0	19.4
	256QAM	8	4	19.4	19.2	19.1	0	20.0	19.1	18.9	18.8	0	19.4
		8	7	19.4	19.1	19.1	0	20.0	19.1	18.9	18.8	0	19.4
		15	0	19.4	19.1	19.1	0	20.0	19.1	18.9	18.8	0	19.4
		1	0	18.3	18.3	18.3	0	20.0	18.4	18.4	18.4	0	19.4
		1	8	18.3	18.3	18.3	0	20.0	18.4	18.2	18.2	0	19.4
		1	14	18.3	18.2	18.3	0	20.0	18.4	18.3	18.4	0	19.4
1.4	QPSK	8	0	18.2	18.3	18.4	0	20.0	18.2	18.2	18.3	0	19.4
		8	4	18.3	18.4	18.2	0	20.0	18.3	18.2	18.2	0	19.4
		8	7	18.4	18.3	18.4	0	20.0	18.2	18.3	18.2	0	19.4
		15	0	18.3	18.3	18.3	0	20.0	18.2	18.4	18.3	0	19.4
	16QAM	1	0	19.2	19.0	18.9	0	20.0	19.0	18.7	18.7	0	19.4
		1	3	19.2	19.0	19.0	0	20.0	19.0	18.8	18.7	0	19.4
		1	5	19.2	19.0	18.9	0	20.0	19.0	18.8	18.7	0	19.4
		3	0	19.3	19.0	19.0	0	20.0	19.0	18.7	18.7	0	19.4
		3	1	19.2	19.0	19.0	0	20.0	19.0	18.7	18.7	0	19.4
		3	3	19.3	19.0	18.9	0	20.0	19.0	18.7	18.7	0	19.4
	64QAM	6	0	19.2	19.0	18.9	0	20.0	19.0	18.7	18.6	0	19.4
		1	0	19.4	19.3	19.3	0	20.0	19.2	19.0	18.9	0	19.4
		1	3	19.4	19.3	19.2	0	20.0	19.3	19.1	19.0	0	19.4
		1	5	19.4	19.3	19.2	0	20.0	19.3	19.0	18.9	0	19.4
		3	0	19.4	19.2	19.1	0	20.0	19.2	18.9	18.9	0	19.4
		3	1	19.4	19.2	19.1	0	20.0	19.2	18.9	18.9	0	19.4
	256QAM	3	3	19.4	19.1	19.1	0	20.0	19.2	18.9	18.8	0	19.4
		6	0	19.3	19.1	19.0	0	20.0	19.1	18.8	18.8	0	19.4
		1	0	19.4	19.4	19.0	0	20.0	19.2	19.0	18.8	0	19.4
		1	3	19.3	19.4	19.2	0	20.0	19.2	19.1	18.7	0	19.4
		1	5	19.4	19.0	19.0	0	20.0	19.2	18.9	18.8	0	19.4
		3	0	19.6	19.1	19.2	0	20.0	19.0	18.8	18.8	0	19.4
1.4	64QAM	3	1	19.6	19.1	19.1	0	20.0	19.0	18.8	18.8	0	19.4
		3	3	19.6	19.1	19.1	0	20.0	19.0	18.8	18.8	0	19.4
		6	0	19.3	19.1	19.1	0	20.0	19.1	18.8	18.8	0	19.4
	256QAM	1	0	18.2	18.2	18.3	0	20.0	18.3	18.3	18.3	0	19.4
		1	3	18.4	18.2	18.4	0	20.0	18.3	18.3	18.4	0	19.4
		1	5	18.4	18.3	18.3	0	20.0	18.4	18.3	18.3	0	19.4
		3	0	18.2	18.4	18.3	0	20.0	18.4	18.3	18.2	0	19.4
		3	1	18.2	18.3	18.2	0	20.0	18.2	18.3	18.4	0	19.4
		3	3	18.4	18.4	18.4	0	20.0	18.4	18.2	18.2	0	19.4
		6	0	18.2	18.4	18.3	0	20.0	18.3	18.4	18.4	0	19.4

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	22.5	22.5	22.3	0	22.8	21.5	21.6	21.4	0	22.1
		1	49	22.5	22.4	22.3	0	22.8	21.5	21.6	21.3	0	22.1
		1	99	22.5	22.5	22.2	0	22.8	21.6	21.6	21.3	0	22.1
		50	0	22.5	22.5	22.4	0	22.8	21.6	21.6	21.5	0	22.1
		50	24	22.6	22.5	22.4	0	22.8	21.7	21.6	21.5	0	22.1
		50	50	22.6	22.6	22.4	0	22.8	21.7	21.7	21.4	0	22.1
		100	0	22.6	22.5	22.4	0	22.8	21.6	21.6	21.4	0	22.1
	16QAM	1	0	22.8	22.8	22.8	0	22.8	21.8	21.8	21.7	0	22.1
		1	49	22.8	22.8	22.8	0	22.8	21.9	21.9	21.7	0	22.1
		1	99	22.8	22.8	22.4	0	22.8	21.8	21.8	21.6	0	22.1
		50	0	22.5	22.5	22.4	0	22.8	21.6	21.6	21.5	0	22.1
		50	24	22.8	22.5	22.4	0	22.8	21.7	21.7	21.5	0	22.1
		50	50	22.6	22.6	22.4	0	22.8	21.7	21.7	21.5	0	22.1
		100	0	22.6	22.5	22.4	0	22.8	21.7	21.6	21.5	0	22.1
	64QAM	1	0	22.7	22.6	22.6	0	22.8	21.7	21.8	21.7	0	22.1
		1	49	22.6	22.6	22.7	0	22.8	22.1	22.1	21.9	0	22.1
		1	99	22.7	22.7	22.7	0	22.8	21.8	21.9	21.6	0	22.1
		50	0	22.3	22.4	22.4	0.3	22.5	21.6	21.6	21.5	0	22.1
		50	24	22.4	22.4	22.4	0.3	22.5	21.7	21.6	21.5	0	22.1
		50	50	22.4	22.3	22.4	0.3	22.5	21.7	21.7	21.4	0	22.1
		100	0	22.4	22.4	22.4	0.3	22.5	21.7	21.6	21.5	0	22.1
	256QAM	1	0	20.4	20.4	20.4	2.3	20.5	20.5	20.4	20.4	1.6	20.5
		1	49	20.3	20.4	20.3	2.3	20.5	20.5	20.5	20.3	1.6	20.5
		1	99	20.3	20.3	20.3	2.3	20.5	20.5	20.5	20.3	1.6	20.5
		50	0	20.4	20.4	20.3	2.3	20.5	20.3	20.3	20.2	1.6	20.5
		50	24	20.3	20.4	20.4	2.3	20.5	20.4	20.3	20.2	1.6	20.5
		50	50	20.3	20.3	20.3	2.3	20.5	20.4	20.4	20.1	1.6	20.5
		100	0	20.4	20.4	20.3	2.3	20.5	20.4	20.3	20.2	1.6	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	22.4	22.4	22.4	0	22.8	21.5	21.6	21.6	0	22.1
		1	37	22.4	22.4	22.4	0	22.8	21.5	21.6	21.6	0	22.1
		1	74	22.5	22.4	22.3	0	22.8	21.5	21.7	21.7	0	22.1
		36	0	22.5	22.5	22.4	0	22.8	21.6	21.6	21.6	0	22.1
		36	20	22.8	22.5	22.4	0	22.8	21.7	21.6	21.6	0	22.1
		36	39	22.8	22.6	22.4	0	22.8	21.7	21.6	21.6	0	22.1
		75	0	22.8	22.5	22.4	0	22.8	21.7	21.6	21.6	0	22.1
	16QAM	1	0	22.8	22.8	22.8	0	22.8	22.0	21.8	22.0	0	22.1
		1	37	22.8	22.8	22.8	0	22.8	22.1	22.0	22.1	0	22.1
		1	74	22.8	22.8	22.7	0	22.8	22.0	21.9	22.1	0	22.1
		36	0	22.5	22.5	22.3	0	22.8	21.6	21.6	21.6	0	22.1
		36	20	22.6	22.5	22.3	0	22.8	21.6	21.6	21.6	0	22.1
		36	39	22.6	22.6	22.4	0	22.8	21.6	21.6	21.6	0	22.1
		75	0	22.6	22.5	22.4	0	22.8	21.7	21.6	21.6	0	22.1
	64QAM	1	0	22.7	22.6	22.6	0	22.8	21.6	21.6	21.6	0	22.1
		1	37	22.6	22.6	22.6	0	22.8	21.6	21.6	21.6	0	22.1
		1	74	22.6	22.7	22.7	0	22.8	21.6	21.6	21.6	0	22.1
		36	0	22.4	22.4	22.4	0.3	22.5	21.6	21.6	21.6	0	22.1
		36	20	22.3	22.4	22.3	0.3	22.5	21.6	21.6	21.6	0	22.1
		36	39	22.4	22.4	22.4	0.3	22.5	21.6	21.6	21.6	0	22.1
		75	0	22.4	22.3	22.3	0.3	22.5	21.6	21.6	21.6	0	22.1
	256QAM	1	0	20.4	20.4	20.3	2.3	20.5	20.4	20.5	20.5	1.6	20.5
		1	37	20.3	20.4	20.4	2.3	20.5	20.5	20.5	20.5	1.6	20.5
		1	74	20.4	20.4	20.4	2.3	20.5	20.5	20.5	20.5	1.6	20.5
		36	0	20.3	20.3	20.4	2.3	20.5	20.3	20.3	20.3	1.6	20.5
		36	20	20.4	20.3	20.3	2.3	20.5	20.3	20.3	20.3	1.6	20.5
		36	39	20.4	20.4	20.4	2.3	20.5	20.3	20.3	20.3	1.6	20.5
		75	0	20.3	20.3	20.4	2.3	20.5	20.3	20.3	20.3	1.6	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	22.8	22.6	22.4	0	22.8	21.6	21.6	21.6	0	22.1
		1	25	22.8	22.6	22.5	0	22.8	21.7	21.6	21.5	0	22.1
		1	49	22.8	22.6	22.4	0	22.8	21.7	21.6	21.5	0	22.1
		25	0	22.8	22.6	22.4	0	22.8	21.7	21.6	21.6	0	22.1
		25	12	22.8	22.8	22.5	0	22.8	21.8	21.6	21.6	0	22.1
		25	25	22.8	22.7	22.5	0	22.8	21.8	21.6	21.6	0	22.1
	16QAM	50	0	22.8	22.6	22.4	0	22.8	21.7	21.6	21.6	0	22.1
		1	0	22.8	22.8	22.8	0	22.8	21.9	21.8	22.0	0	22.1
		1	25	22.8	22.8	22.8	0	22.8	22.0	21.8	22.0	0	22.1
		1	49	22.8	22.8	22.8	0	22.8	22.0	21.9	22.0	0	22.1
		25	0	22.8	22.8	22.5	0	22.8	21.7	21.6	21.6	0	22.1
		25	12	22.8	22.8	22.6	0	22.8	21.8	21.7	21.6	0	22.1
	64QAM	25	25	22.8	22.7	22.5	0	22.8	21.8	21.7	21.6	0	22.1
		50	0	22.8	22.6	22.4	0	22.8	21.8	21.6	21.6	0	22.1
		1	0	22.7	22.7	22.7	0	22.8	21.6	21.6	21.6	0	22.1
		1	25	22.6	22.7	22.6	0	22.8	21.9	21.9	22.0	0	22.1
		1	49	22.6	22.7	22.6	0	22.8	22.1	22.1	22.1	0	22.1
		25	0	22.3	22.4	22.4	0.3	22.5	21.6	21.6	21.6	0	22.1
5	QPSK	25	12	22.4	22.4	22.3	0.3	22.5	21.6	21.6	21.6	0	22.1
		25	25	22.4	22.4	22.4	0.3	22.5	21.6	21.6	21.6	0	22.1
		50	0	22.4	22.3	22.4	0.3	22.5	21.6	21.6	21.6	0	22.1
	16QAM	1	0	20.4	20.3	20.4	2.3	20.5	20.5	20.5	20.5	1.6	20.5
		1	25	20.3	20.3	20.4	2.3	20.5	20.4	20.4	20.5	1.6	20.5
		1	49	20.4	20.4	20.4	2.3	20.5	20.4	20.5	20.5	1.6	20.5
		25	0	20.3	20.4	20.4	2.3	20.5	20.3	20.3	20.3	1.6	20.5
		25	12	20.4	20.4	20.4	2.3	20.5	20.3	20.3	20.3	1.6	20.5
		25	25	20.4	20.4	20.4	2.3	20.5	20.3	20.3	20.3	1.6	20.5
	64QAM	50	0	20.4	20.4	20.4	2.3	20.5	20.3	20.3	20.3	1.6	20.5
		1	0	20.4	20.3	20.4	2.3	20.5	20.4	20.4	20.4	1.6	20.5
		1	12	20.4	20.3	20.4	2.3	20.5	20.4	20.4	20.5	1.6	20.5
		1	24	20.4	20.3	20.4	2.3	20.5	20.4	20.5	20.5	1.6	20.5
		12	0	20.4	20.4	20.4	2.3	20.5	20.3	20.3	20.3	1.6	20.5
		12	7	20.4	20.4	20.4	2.3	20.5	20.2	20.3	20.3	1.6	20.5
	256QAM	12	13	20.4	20.4	20.3	2.3	20.5	20.3	20.3	20.3	1.6	20.5
		25	0	20.4	20.4	20.4	2.3	20.5	20.3	20.3	20.3	1.6	20.5
		1	0	22.8	22.6	22.4	0	22.8	21.6	21.6	21.6	0	22.1
		1	12	22.8	22.8	22.8	0	22.8	22.0	21.8	21.9	0	22.1
		1	24	22.8	22.8	22.8	0	22.8	22.1	21.9	22.0	0	22.1
		12	0	22.8	22.8	22.6	0	22.8	21.7	21.6	21.6	0	22.1
5	QPSK	12	7	22.8	22.8	22.5	0	22.8	21.8	21.6	21.6	0	22.1
		12	13	22.8	22.8	22.5	0	22.8	21.7	21.6	21.6	0	22.1
		25	0	22.8	22.6	22.5	0	22.8	21.7	21.6	21.6	0	22.1
	16QAM	1	0	22.8	22.8	22.8	0	22.8	22.0	21.8	21.9	0	22.1
		1	12	22.8	22.8	22.8	0	22.8	22.1	21.8	22.0	0	22.1
		1	24	22.8	22.8	22.8	0	22.8	22.1	21.9	22.0	0	22.1
	64QAM	12	0	22.8	22.8	22.6	0	22.8	21.7	21.6	21.6	0	22.1
		12	7	22.8	22.8	22.6	0	22.8	21.8	21.6	21.6	0	22.1
		12	13	22.8	22.8	22.5	0	22.8	21.7	21.6	21.6	0	22.1
	256QAM	25	0	22.8	22.6	22.5	0	22.8	21.7	21.6	21.6	0	22.1
		1	0	22.6	22.7	22.6	0	22.8	21.6	21.8	21.6	0	22.1
		1	12	22.6	22.6	22.7	0	22.8	21.6	21.8	21.6	0	22.1
		1	24	22.6	22.7	22.7	0	22.8	21.6	21.9	21.9	0	22.1
		12	0	22.4	22.4	22.3	0.3	22.5	21.5	21.6	21.7	0	22.1
		12	7	22.3	22.3	22.4	0.3	22.5	21.6	21.6	21.5	0	22.1
5	QPSK	12	13	22.4	22.3	22.4	0.3	22.5	21.6	21.6	21.6	0	22.1
		25	0	22.4	22.3	22.3	0.3	22.5	21.6	21.6	21.6	0	22.1
	16QAM	1	0	20.4	20.3	20.4	2.3	20.5	20.4	20.4	20.4	1.6	20.5
		1	12	20.4	20.3	20.4	2.3	20.5	20.4	20.4	20.5	1.6	20.5
		1	24	20.4	20.3	20.4	2.3	20.5	20.4	20.5	20.5	1.6	20.5
		12	0	20.4	20.4	20.4	2.3	20.5	20.3	20.3	20.3	1.6	20.5
	64QAM	12	7	20.4	20.4	20.4	2.3	20.5	20.2	20.3	20.3	1.6	20.5
		12	13	20.4	20.4	20.3	2.3	20.5	20.3	20.3	20.3	1.6	20.5
		25	0	20.4	20.4	20.4	2.3	20.5	20.3	20.3	20.3	1.6	20.5
	256QAM	1	0	20.4	20.3	20.4	2.3	20.5	20.4	20.4	20.4	1.6	20.5
		1	12	20.4	20.3	20.4	2.3	20.5	20.4	20.4	20.5	1.6	20.5
		1	24	20.4	20.3	20.4	2.3	20.5	20.4	20.5	20.5	1.6	20.5
		12	0	20.4	20.4	20.4	2.3	20.5	20.3	20.3	20.3	1.6	20.5
		12	7	20.4	20.4	20.4	2.3	20.5	20.2	20.3	20.3	1.6	20.5
		12	13	20.4	20.4	20.3	2.3	20.5	20.3	20.3	20.3	1.6	20.5
	256QAM	25	0	20.4	20.4	20.4	2.3	20.5	20.3	20.3	20.3	1.6	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	22.8	22.8	22.8	0	22.8	21.6	21.6	21.6	0	22.1
		1	8	22.8	22.8	22.8	0	22.8	21.7	21.8	21.5	0	22.1
		1	14	22.8	22.8	22.8	0	22.8	21.6	21.7	21.5	0	22.1
		8	0	22.8	22.8	22.8	0	22.8	21.7	21.7	21.6	0	22.1
		8	4	22.8	22.8	22.8	0	22.8	21.8	21.7	21.6	0	22.1
		8	7	22.8	22.8	22.8	0	22.8	21.8	21.8	21.5	0	22.1
	16QAM	15	0	22.8	22.8	22.8	0	22.8	21.7	21.7	21.5	0	22.1
		1	0	22.8	22.8	22.8	0	22.8	21.9	22.0	22.0	0	22.1
		1	8	22.8	22.8	22.8	0	22.8	22.1	22.1	21.9	0	22.1
		1	14	22.8	22.8	22.8	0	22.8	21.9	22.0	22.0	0	22.1
		8	0	22.8	22.8	22.8	0	22.8	21.8	21.7	21.6	0	22.1
		8	4	22.8	22.8	22.8	0	22.8	21.8	21.8	21.6	0	22.1
	64QAM	8	7	22.8	22.8	22.8	0	22.8	21.8	21.9	21.6	0	22.1
		15	0	22.8	22.8	22.8	0	22.8	21.7	21.7	21.6	0	22.1
		1	0	22.6	22.6	22.6	0	22.8	21.7	21.6	21.6	0	22.1
		1	8	22.7	22.7	22.6	0	22.8	22.0	22.0	21.6	0	22.1
		1	14	22.6	22.7	22.6	0	22.8	21.7	21.7	21.6	0	22.1
		8	0	22.4	22.4	22.3	0.3	22.5	21.8	21.8	21.6	0	22.1
	256QAM	8	4	22.4	22.4	22.3	0.3	22.5	21.6	21.6	21.1	0	22.1
		8	7	22.3	22.4	22.4	0.3	22.5	21.8	21.6	21.6	0	22.1
		15	0	22.4	22.4	22.4	0.3	22.5	21.7	21.6	21.6	0	22.1
		1	0	20.4	20.4	20.4	2.3	20.5	20.4	20.4	20.4	1.6	20.5
		1	8	20.4	20.4	20.3	2.3	20.5	20.5	20.3	20.4	1.6	20.5
		1	14	20.3	20.4	20.4	2.3	20.5	20.5	20.4	20.4	1.6	20.5
1.4	QPSK	8	0	20.4	20.4	20.3	2.3	20.5	20.4	20.3	20.3	1.6	20.5
		8	4	20.4	20.4	20.4	2.3	20.5	20.5	20.2	20.3	1.6	20.5
		8	7	20.3	20.3	20.4	2.3	20.5	20.5	20.3	20.3	1.6	20.5
		15	0	20.4	20.4	20.4	2.3	20.5	20.5	20.3	20.2	1.6	20.5
	16QAM	1	0	22.8	22.8	22.8	0	22.8	21.7	21.7	21.7	0	22.1
		1	3	22.8	22.8	22.8	0	22.8	21.8	21.8	21.8	0	22.1
		1	5	22.8	22.8	22.8	0	22.8	21.8	21.8	21.8	0	22.1
		3	0	22.8	22.8	22.8	0	22.8	21.8	21.8	21.8	0	22.1
		3	1	22.8	22.8	22.8	0	22.8	21.8	21.8	21.8	0	22.1
		3	3	22.8	22.8	22.8	0	22.8	21.8	21.8	21.8	0	22.1
	64QAM	6	0	22.8	22.8	22.8	0	22.8	21.8	21.8	21.8	0	22.1
		1	0	22.8	22.8	22.8	0	22.8	22.1	22.0	22.1	0	22.1
		1	3	22.8	22.8	22.8	0	22.8	22.1	22.0	22.1	0	22.1
		1	5	22.8	22.8	22.8	0	22.8	22.1	22.0	22.1	0	22.1
		3	0	22.8	22.8	22.8	0	22.8	22.0	22.0	21.9	0	22.1
		3	1	22.8	22.8	22.8	0	22.8	22.0	22.0	21.9	0	22.1
	256QAM	3	3	22.8	22.8	22.8	0	22.8	22.0	22.0	22.0	0	22.1
		6	0	22.8	22.8	22.8	0	22.8	21.8	21.9	21.9	0	22.1
		1	0	22.7	22.7	22.7	0	22.8	21.7	21.7	21.9	0	22.1
		1	3	22.6	22.6	22.6	0	22.8	22.1	22.1	22.0	0	22.1
		1	5	22.6	22.7	22.6	0	22.8	21.7	21.7	22.0	0	22.1
		3	0	22.4	22.4	22.4	0	22.8	21.9	22.0	21.9	0	22.1
1.4	64QAM	3	1	22.4	22.4	22.4	0	22.8	21.7	21.7	21.9	0	22.1
		3	3	22.4	22.4	22.4	0	22.8	22.0	21.9	21.9	0	22.1
		6	0	22.4	22.4	22.4	0.3	22.5	21.7	21.7	21.7	0	22.1
	256QAM	1	0	20.4	20.4	20.3	2.3	20.5	20.5	20.5	20.5	1.6	20.5
		1	3	20.4	20.3	20.4	2.3	20.5	20.5	20.5	20.5	1.6	20.5
		1	5	20.3	20.4	20.4	2.3	20.5	20.5	20.5	20.5	1.6	20.5
		3	0	20.3	20.3	20.4	2.3	20.5	20.5	20.5	20.5	1.6	20.5
		3	1	20.4	20.3	20.4	2.3	20.5	20.5	20.5	20.5	1.6	20.5
		3	3	20.4	20.3	20.3	2.3	20.5	20.5	20.5	20.5	1.6	20.5
		6	0	20.3	20.4	20.4	2.3	20.5	20.4	20.5	20.5	1.6	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	19.9	19.7	19.6	0	20.8	21.2	21.3	21.1	0	21.7
		1	49	19.9	19.7	19.6	0	20.8	21.2	21.4	21.1	0	21.7
		1	99	19.9	19.7	19.5	0	20.8	21.2	21.3	20.9	0	21.7
		50	0	20.0	19.7	19.6	0	20.8	21.2	21.4	21.1	0	21.7
		50	24	20.0	19.8	19.7	0	20.8	21.3	21.4	21.1	0	21.7
		50	50	19.9	19.8	19.7	0	20.8	21.3	21.4	21.1	0	21.7
	16QAM	100	0	19.9	19.9	19.6	0	20.8	21.3	21.3	21.1	0	21.7
		1	0	20.2	20.1	19.9	0	20.8	21.4	21.6	21.4	0	21.7
		1	49	20.1	20.1	20.0	0	20.8	21.5	21.7	21.5	0	21.7
		1	99	20.1	20.0	19.8	0	20.8	21.5	21.6	21.2	0	21.7
		50	0	20.0	19.8	19.6	0	20.8	20.8	20.8	20.8	0.8	20.9
		50	24	20.0	19.8	19.7	0	20.8	20.8	20.8	20.9	0.8	20.9
	64QAM	50	50	19.9	19.8	19.6	0	20.8	20.8	20.8	20.8	0.8	20.9
		100	0	20.0	19.8	19.6	0	20.8	20.8	20.8	20.8	0.8	20.9
		1	0	20.7	20.8	20.7	0	20.8	20.8	20.9	20.8	0.8	20.9
		1	49	20.7	20.8	20.8	0	20.8	20.8	20.8	20.8	0.8	20.9
		1	99	20.7	20.8	20.8	0	20.8	20.8	20.9	20.9	0.8	20.9
		50	0	19.9	19.8	19.8	0.9	19.9	19.9	19.8	19.8	1.8	19.9
15	QPSK	50	24	19.8	19.9	19.8	0.9	19.9	19.9	19.8	19.8	1.8	19.9
		50	50	19.9	19.9	19.8	0.9	19.9	19.8	19.9	19.9	1.8	19.9
		100	0	19.9	19.8	19.8	0.9	19.9	19.8	19.9	19.9	1.8	19.9
	16QAM	1	0	17.8	17.9	17.8	2.9	17.9	17.8	17.8	17.8	3.8	17.9
		1	49	17.8	17.8	17.8	2.9	17.9	17.8	17.8	17.9	3.8	17.9
		1	99	17.9	17.9	17.8	2.9	17.9	17.8	17.9	17.8	3.8	17.9
		50	0	17.8	17.8	17.8	2.9	17.9	17.8	17.8	17.8	3.8	17.9
		50	24	17.8	17.8	17.8	2.9	17.9	17.8	17.8	17.8	3.8	17.9
		50	50	17.8	17.9	17.8	2.9	17.9	17.8	17.8	17.8	3.8	17.9
	256QAM	100	0	17.8	17.8	17.9	2.9	17.9	17.8	17.8	17.8	3.8	17.9
		1	0	19.9	19.7	19.6	0	20.8	21.2	21.3	21.1	0	21.7
	QPSK	1	37	19.9	19.7	19.6	0	20.8	21.2	21.3	21.1	0	21.7
		1	74	19.9	19.7	19.5	0	20.8	21.2	21.3	20.9	0	21.7
		36	0	20.0	19.7	19.6	0	20.8	21.2	21.4	21.1	0	21.7
		36	20	20.0	19.8	19.6	0	20.8	21.3	21.3	21.1	0	21.7
	16QAM	36	39	20.0	19.8	19.7	0	20.8	21.3	21.4	21.1	0	21.7
		75	0	20.0	19.8	19.6	0	20.8	21.3	21.4	21.1	0	21.7
	64QAM	1	0	20.2	20.1	19.9	0	20.8	21.5	21.7	21.3	0	21.7
		1	37	20.2	20.1	19.9	0	20.8	21.6	21.7	21.3	0	21.7
		1	74	20.2	20.0	19.7	0	20.8	21.5	21.6	21.1	0	21.7
		36	0	20.0	19.8	19.7	0	20.8	20.9	20.9	20.9	0.8	20.9
		36	20	20.0	19.8	19.6	0	20.8	20.8	20.8	20.8	0.8	20.9
		36	39	20.0	19.8	19.7	0	20.8	20.8	20.8	20.8	0.8	20.9
15	256QAM	75	0	20.0	19.8	19.6	0	20.8	20.9	20.8	20.9	0.8	20.9
		1	0	20.7	20.7	20.7	0	20.8	20.9	20.8	20.8	0.8	20.9
		1	37	20.7	20.7	20.8	0	20.8	20.8	20.8	20.8	0.8	20.9
		1	74	20.7	20.8	20.8	0	20.8	20.9	20.8	20.9	0.8	20.9
		36	0	19.8	19.8	19.8	0.9	19.9	19.9	19.8	19.9	1.8	19.9
		36	20	19.8	19.9	19.8	0.9	19.9	19.8	19.9	19.8	1.8	19.9
	QPSK	36	39	19.8	19.8	19.9	0.9	19.9	19.9	19.8	19.8	1.8	19.9
		75	0	19.9	19.9	19.8	0.9	19.9	19.8	19.8	19.8	1.8	19.9
	16QAM	1	0	17.8	17.8	17.8	2.9	17.9	17.9	17.8	17.8	3.8	17.9
		1	37	17.8	17.9	17.8	2.9	17.9	17.8	17.8	17.8	3.8	17.9
		1	74	17.8	17.8	17.8	2.9	17.9	17.8	17.8	17.8	3.8	17.9
		36	0	17.8	17.8	17.9	2.9	17.9	17.8	17.9	17.8	3.8	17.9
	256QAM	36	20	17.9	17.8	17.8	2.9	17.9	17.8	17.8	17.9	3.8	17.9
		36	39	17.8	17.8	17.9	2.9	17.9	17.8	17.9	17.9	3.8	17.9
		75	0	17.9	17.9	17.8	2.9	17.9	17.8	17.8	17.8	3.8	17.9

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	20.1	19.8	19.8	0	20.8	21.4	21.4	21.2	0	21.7
		1	25	20.1	19.9	19.8	0	20.8	21.5	21.5	21.2	0	21.7
		1	49	20.0	19.8	19.7	0	20.8	21.4	21.4	21.1	0	21.7
		25	0	20.1	19.9	19.7	0	20.8	21.4	21.5	21.3	0	21.7
		25	12	20.1	19.9	19.7	0	20.8	21.5	21.5	21.3	0	21.7
		25	25	20.1	19.9	19.8	0	20.8	21.5	21.5	21.2	0	21.7
	16QAM	50	0	20.1	19.9	19.7	0	20.8	21.5	21.5	21.2	0	21.7
		1	0	20.3	20.2	20.1	0	20.8	21.6	21.7	21.5	0	21.7
		1	25	20.3	20.2	20.1	0	20.8	21.7	21.7	21.5	0	21.7
		1	49	20.3	20.2	20.0	0	20.8	21.7	21.7	21.4	0	21.7
		25	0	20.2	19.9	19.8	0	20.8	20.8	20.9	20.8	0.8	20.9
		25	12	20.2	20.0	19.9	0	20.8	20.8	20.8	20.9	0.8	20.9
	64QAM	25	25	20.2	19.9	19.9	0	20.8	20.8	20.8	20.9	0.8	20.9
		50	0	20.1	19.9	19.8	0	20.8	20.8	20.8	20.9	0.8	20.9
		1	0	20.8	20.7	20.7	0	20.8	20.8	20.9	20.9	0.8	20.9
		1	25	20.8	20.7	20.7	0	20.8	20.8	20.8	20.9	0.8	20.9
		1	49	20.8	20.7	20.7	0	20.8	20.8	20.8	20.8	0.8	20.9
		25	0	19.9	19.8	19.8	0.9	19.9	19.8	19.8	19.8	1.8	19.9
5	QPSK	25	12	19.9	19.8	19.8	0.9	19.9	19.8	19.8	19.8	1.8	19.9
		25	25	19.8	19.8	19.8	0.9	19.9	19.9	19.8	19.8	1.8	19.9
		50	0	19.8	19.8	19.8	0.9	19.9	19.8	19.9	19.9	1.8	19.9
	256QAM	1	0	17.9	17.8	17.8	2.9	17.9	17.8	17.8	17.8	3.8	17.9
		1	25	17.8	17.8	17.8	2.9	17.9	17.8	17.9	17.8	3.8	17.9
		1	49	17.8	17.8	17.9	2.9	17.9	17.8	17.8	17.9	3.8	17.9
		25	0	17.9	17.8	17.8	2.9	17.9	17.9	17.8	17.8	3.8	17.9
		25	12	17.9	17.8	17.8	2.9	17.9	17.9	17.9	17.8	3.8	17.9
		25	25	17.8	17.8	17.8	2.9	17.9	17.8	17.8	17.8	3.8	17.9
	16QAM	50	0	17.8	17.8	17.9	2.9	17.9	17.8	17.8	17.8	3.8	17.9
		1	0	20.1	19.9	19.7	0	20.8	21.3	21.5	21.2	0	21.7
		1	12	20.2	19.9	19.8	0	20.8	21.4	21.6	21.2	0	21.7
		1	24	20.1	19.9	19.7	0	20.8	21.3	21.5	21.1	0	21.7
		12	0	20.2	19.9	19.8	0	20.8	21.4	21.5	21.2	0	21.7
		12	7	20.2	19.9	19.8	0	20.8	21.5	21.5	21.2	0	21.7
5	QPSK	12	13	20.2	19.9	19.8	0	20.8	21.4	21.5	21.2	0	21.7
		25	0	20.1	19.9	19.8	0	20.8	21.4	21.5	21.2	0	21.7
	16QAM	1	0	20.5	20.2	20.1	0	20.8	21.7	21.7	21.6	0	21.7
		1	12	20.6	20.3	20.2	0	20.8	21.7	21.7	21.6	0	21.7
		1	24	20.5	20.2	20.2	0	20.8	21.7	21.7	21.5	0	21.7
		12	0	20.2	20.0	19.8	0	20.8	20.8	20.8	20.9	0.8	20.9
	64QAM	12	7	20.2	20.0	19.9	0	20.8	20.8	20.8	20.8	0.8	20.9
		12	13	20.2	20.0	19.8	0	20.8	20.8	20.8	20.8	0.8	20.9
		25	0	20.2	20.0	19.8	0	20.8	20.8	20.8	20.8	0.8	20.9
	256QAM	1	0	20.7	20.8	20.8	0	20.8	20.8	20.8	20.8	0.8	20.9
		1	12	20.7	20.8	20.7	0	20.8	20.8	20.8	20.8	0.8	20.9
		1	24	20.7	20.7	20.7	0	20.8	20.8	20.9	20.8	0.8	20.9
		12	0	19.8	19.8	19.8	0.9	19.9	19.9	19.8	19.9	1.8	19.9
		12	7	19.8	19.9	19.8	0.9	19.9	19.8	19.9	19.8	1.8	19.9
		12	13	19.8	19.9	19.8	0.9	19.9	19.8	19.9	19.8	1.8	19.9
	256QAM	25	0	19.8	19.9	19.8	0.9	19.9	19.8	19.8	19.8	1.8	19.9
		1	0	17.8	17.8	17.8	2.9	17.9	17.8	17.8	17.8	3.8	17.9
		1	12	17.9	17.8	17.8	2.9	17.9	17.8	17.8	17.8	3.8	17.9
		1	24	17.8	17.8	17.8	2.9	17.9	17.8	17.8	17.8	3.8	17.9
		12	0	17.8	17.9	17.9	2.9	17.9	17.9	17.8	17.8	3.8	17.9
		12	7	17.9	17.8	17.9	2.9	17.9	17.8	17.9	17.8	3.8	17.9
	256QAM	12	13	17.8	17.8	17.9	2.9	17.9	17.8	17.8	17.8	3.8	17.9
		25	0	17.8	17.9	17.9	2.9	17.9	17.8	17.8	17.8	3.8	17.9

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	20.1	19.8	19.7	0	20.8	21.3	21.4	21.1	0	21.7
		1	8	20.1	19.9	19.8	0	20.8	21.4	21.5	21.2	0	21.7
		1	14	20.1	19.8	19.7	0	20.8	21.3	21.4	21.1	0	21.7
		8	0	20.1	19.9	19.8	0	20.8	21.3	21.4	21.2	0	21.7
		8	4	20.1	19.9	19.8	0	20.8	21.4	21.5	21.2	0	21.7
		8	7	20.1	19.9	19.8	0	20.8	21.4	21.5	21.2	0	21.7
	16QAM	15	0	20.2	19.9	19.8	0	20.8	21.4	21.5	21.2	0	21.7
		1	0	20.4	20.2	20.0	0	20.8	21.6	21.7	21.4	0	21.7
		1	8	20.4	20.3	20.1	0	20.8	21.7	21.7	21.5	0	21.7
		1	14	20.3	20.2	20.0	0	20.8	21.6	21.7	21.4	0	21.7
		8	0	20.2	20.0	19.8	0	20.8	20.8	20.9	20.8	0.8	20.9
		8	4	20.3	20.1	19.9	0	20.8	20.9	20.8	20.8	0.8	20.9
	64QAM	8	7	20.2	20.0	19.8	0	20.8	20.8	20.8	20.8	0.8	20.9
		15	0	20.2	20.0	19.8	0	20.8	20.8	20.9	20.8	0.8	20.9
		1	0	20.8	20.8	20.8	0	20.8	20.8	20.8	20.8	0.8	20.9
		1	8	20.8	20.7	20.7	0	20.8	20.8	20.9	20.8	0.8	20.9
		1	14	20.7	20.7	20.7	0	20.8	20.8	20.8	20.8	0.8	20.9
		8	0	19.8	19.8	19.8	0.9	19.9	19.8	19.8	19.9	1.8	19.9
	256QAM	8	4	19.8	19.8	19.9	0.9	19.9	19.8	19.8	19.8	1.8	19.9
		8	7	19.8	19.8	19.8	0.9	19.9	19.9	19.8	19.8	1.8	19.9
		15	0	19.8	19.8	19.8	0.9	19.9	19.8	19.8	19.9	1.8	19.9
		1	0	17.8	17.8	17.9	2.9	17.9	17.8	17.9	17.8	3.8	17.9
		1	8	17.8	17.8	17.8	2.9	17.9	17.8	17.8	17.8	3.8	17.9
		1	14	17.9	17.8	17.8	2.9	17.9	17.8	17.8	17.8	3.8	17.9
		8	0	17.8	17.8	17.8	2.9	17.9	17.9	17.8	17.8	3.8	17.9
		8	4	17.8	17.8	17.8	2.9	17.9	17.8	17.9	17.8	3.8	17.9
		8	7	17.9	17.9	17.8	2.9	17.9	17.9	17.8	17.8	3.8	17.9
		15	0	17.8	17.9	17.8	2.9	17.9	17.8	17.8	17.8	3.8	17.9
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	20.1	19.9	19.7	0	20.8	21.3	21.5	21.1	0	21.7
		1	3	20.1	19.9	19.7	0	20.8	21.4	21.6	21.2	0	21.7
		1	5	20.1	19.9	19.7	0	20.8	21.3	21.5	21.1	0	21.7
		3	0	20.1	19.9	19.7	0	20.8	21.4	21.5	21.1	0	21.7
		3	1	20.1	19.9	19.7	0	20.8	21.4	21.6	21.1	0	21.7
		3	3	20.1	19.9	19.7	0	20.8	21.4	21.6	21.2	0	21.7
	16QAM	6	0	20.1	19.9	19.7	0	20.8	21.4	21.5	21.1	0	21.7
		1	0	20.4	20.2	19.9	0	20.8	21.5	21.7	21.4	0	21.7
		1	3	20.4	20.2	19.9	0	20.8	21.6	21.7	21.4	0	21.7
		1	5	20.4	20.2	19.9	0	20.8	21.6	21.7	21.4	0	21.7
		3	0	20.3	20.1	19.9	0	20.8	21.5	21.7	21.3	0	21.7
		3	1	20.3	20.1	19.9	0	20.8	21.5	21.7	21.3	0	21.7
	64QAM	3	3	20.3	20.1	19.9	0	20.8	21.5	21.7	21.3	0	21.7
		6	0	20.2	20.0	19.8	0	20.8	20.8	20.8	20.8	0.8	20.9
		1	0	20.7	20.7	20.7	0	20.8	20.9	20.9	20.9	0.8	20.9
		1	3	20.7	20.7	20.8	0	20.8	20.8	20.8	20.8	0.8	20.9
		1	5	20.7	20.7	20.7	0	20.8	20.8	20.8	20.8	0.8	20.9
		3	0	19.9	19.8	19.8	0	20.8	19.8	19.8	19.8	0.8	20.9
	256QAM	3	1	19.9	19.8	19.8	0	20.8	19.8	19.9	19.9	0.8	20.9
		3	3	19.9	19.8	19.8	0	20.8	19.8	19.9	19.8	0.8	20.9
		6	0	19.8	19.8	19.8	0.9	19.9	19.8	19.8	19.8	1.8	19.9
		1	0	17.8	17.8	17.8	2.9	17.9	17.8	17.9	17.8	3.8	17.9
		1	3	17.9	17.8	17.9	2.9	17.9	17.8	17.8	17.8	3.8	17.9
		1	5	17.8	17.8	17.8	2.9	17.9	17.8	17.9	17.8	3.8	17.9
		3	0	17.9	17.9	17.9	2.9	17.9	17.8	17.8	17.9	3.8	17.9
		3	1	17.8	17.8	17.8	2.9	17.9	17.8	17.8	17.9	3.8	17.9
		3	3	17.8	17.9	17.8	2.9	17.9	17.9	17.9	17.9	3.8	17.9
		6	0	17.8	17.9	17.8	2.9	17.9	17.9	17.8	17.8	3.8	17.9

LTE Band 71 Measured Results (ANT1)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)					Power Mode B (dBm)				
					133297		MPR	Max Output Pwr		133297		MPR	Max Output Pwr
					680.5 MHz					680.5 MHz			
20	QPSK	1	0		25.2		0	25.7		25.2		0	25.7
		1	49		25.2		0	25.7		25.2		0	25.7
		1	99		25.1		0	25.7		25.1		0	25.7
		50	0		24.2		1	24.7		24.2		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		24.2		1	24.7		24.2		1	24.7
	16QAM	1	0		24.5		1	24.7		24.5		1	24.7
		1	49		24.7		1	24.7		24.7		1	24.7
		1	99		24.4		1	24.7		24.4		1	24.7
		50	0		23.3		2	23.7		23.3		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		23.0		2	23.7		23.0		2	23.7
		1	49		23.2		2	23.7		23.2		2	23.7
		1	99		23.1		2	23.7		23.1		2	23.7
		50	0		22.2		3	22.7		22.2		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		22.1		3	22.7		22.1		3	22.7
	256QAM	1	0		20.3		5	20.7		20.3		5	20.7
		1	49		20.4		5	20.7		20.4		5	20.7
		1	99		20.4		5	20.7		20.4		5	20.7
		50	0		20.2		5	20.7		20.2		5	20.7
		50	24		20.2		5	20.7		20.2		5	20.7
		50	50		20.2		5	20.7		20.2		5	20.7
		100	0		20.2		5	20.7		20.2		5	20.7
BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)					Power Mode B (dBm)				
					133297		MPR	Max Output Pwr		133297		MPR	Max Output Pwr
					680.5 MHz					680.5 MHz			
15	QPSK	1	0		25.2		0	25.7		25.2		0	25.7
		1	37		25.3		0	25.7		25.3		0	25.7
		1	74		25.1		0	25.7		25.1		0	25.7
		36	0		24.4		1	24.7		24.4		1	24.7
		36	20		24.4		1	24.7		24.4		1	24.7
		36	39		24.4		1	24.7		24.4		1	24.7
		75	0		24.4		1	24.7		24.4		1	24.7
	16QAM	1	0		24.7		1	24.7		24.7		1	24.7
		1	37		24.7		1	24.7		24.7		1	24.7
		1	74		24.6		1	24.7		24.6		1	24.7
		36	0		23.4		2	23.7		23.4		2	23.7
		36	20		23.4		2	23.7		23.4		2	23.7
		36	39		23.4		2	23.7		23.4		2	23.7
		75	0		23.4		2	23.7		23.4		2	23.7
	64QAM	1	0		23.3		2	23.7		23.3		2	23.7
		1	37		23.4		2	23.7		23.4		2	23.7
		1	74		23.3		2	23.7		23.3		2	23.7
		36	0		22.2		3	22.7		22.2		3	22.7
		36	20		22.2		3	22.7		22.2		3	22.7
		36	39		22.2		3	22.7		22.2		3	22.7
		75	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	37		20.4		5	20.7		20.4		5	20.7
		1	74		20.3		5	20.7		20.3		5	20.7
		36	0		20.2		5	20.7		20.2		5	20.7
		36	20		20.2		5	20.7		20.2		5	20.7
		36	39		20.2		5	20.7		20.2		5	20.7
		75	0		20.2		5	20.7		20.2		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	25.4	24.2	25.4	0	25.7	25.4	24.2	25.4	0	25.7
		1	25	25.5	25.2	25.3	0	25.7	25.5	25.2	25.3	0	25.7
		1	49	25.5	25.1	25.2	0	25.7	25.5	25.1	25.2	0	25.7
		25	0	24.5	24.1	24.3	1	24.7	24.5	24.1	24.3	1	24.7
		25	12	24.5	24.2	24.3	1	24.7	24.5	24.2	24.3	1	24.7
		25	25	24.5	24.2	24.3	1	24.7	24.5	24.2	24.3	1	24.7
	16QAM	50	0	24.5	24.2	24.3	1	24.7	24.5	24.2	24.3	1	24.7
		1	0	24.7	24.5	24.7	1	24.7	24.7	24.5	24.7	1	24.7
		1	25	24.7	24.6	24.7	1	24.7	24.7	24.6	24.7	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	23.5	23.2	23.4	2	23.7	23.5	23.2	23.4	2	23.7
		25	12	23.6	23.3	23.3	2	23.7	23.6	23.3	23.3	2	23.7
	64QAM	25	25	23.6	23.3	23.4	2	23.7	23.6	23.3	23.4	2	23.7
		50	0	23.6	23.2	23.3	2	23.7	23.6	23.2	23.3	2	23.7
		1	0	23.6	23.5	23.3	2	23.7	23.6	23.5	23.3	2	23.7
		1	25	23.6	23.5	23.3	2	23.7	23.6	23.5	23.3	2	23.7
		1	49	23.5	23.4	23.2	2	23.7	23.5	23.4	23.2	2	23.7
		25	0	22.3	22.3	22.2	3	22.7	22.3	22.3	22.2	3	22.7
	256QAM	25	12	22.4	22.3	22.2	3	22.7	22.4	22.3	22.2	3	22.7
		25	25	22.3	22.3	22.2	3	22.7	22.3	22.3	22.2	3	22.7
		50	0	22.4	22.2	22.1	3	22.7	22.4	22.2	22.1	3	22.7
		1	0	20.5	20.4	20.3	5	20.7	20.5	20.4	20.3	5	20.7
		1	25	20.6	20.5	20.4	5	20.7	20.6	20.5	20.4	5	20.7
		1	49	20.5	20.4	20.4	5	20.7	20.5	20.4	20.4	5	20.7
5	QPSK	25	0	20.3	20.3	20.2	5	20.7	20.3	20.3	20.2	5	20.7
		25	12	20.4	20.3	20.2	5	20.7	20.4	20.3	20.2	5	20.7
		25	25	20.4	20.3	20.2	5	20.7	20.4	20.3	20.2	5	20.7
		50	0	20.4	20.2	20.2	5	20.7	20.4	20.2	20.2	5	20.7
	16QAM	1	0	25.4	25.4	25.2	0	25.7	25.4	25.4	25.2	0	25.7
		1	12	25.5	25.5	25.3	0	25.7	25.5	25.5	25.3	0	25.7
		1	24	25.4	25.4	25.2	0	25.7	25.4	25.4	25.2	0	25.7
		12	0	24.5	24.5	24.3	1	24.7	24.5	24.5	24.3	1	24.7
		12	7	24.5	24.5	24.3	1	24.7	24.5	24.5	24.3	1	24.7
		12	13	24.5	24.5	24.3	1	24.7	24.5	24.5	24.3	1	24.7
	64QAM	25	0	24.5	24.5	24.3	1	24.7	24.5	24.5	24.3	1	24.7
		1	0	24.7	24.7	24.6	1	24.7	24.7	24.7	24.6	1	24.7
		1	12	24.7	24.7	24.6	1	24.7	24.7	24.7	24.6	1	24.7
		1	24	24.7	24.7	24.6	1	24.7	24.7	24.7	24.6	1	24.7
		12	0	23.5	23.5	23.4	2	23.7	23.5	23.5	23.4	2	23.7
		12	7	23.6	23.5	23.4	2	23.7	23.6	23.5	23.4	2	23.7
	256QAM	12	13	23.6	23.6	23.4	2	23.7	23.6	23.6	23.4	2	23.7
		25	0	23.6	23.5	23.3	2	23.7	23.6	23.5	23.3	2	23.7
		1	0	23.6	23.4	23.4	2	23.7	23.6	23.4	23.4	2	23.7
		1	12	23.6	23.5	23.4	2	23.7	23.6	23.5	23.4	2	23.7
		1	24	23.6	23.4	23.3	2	23.7	23.6	23.4	23.3	2	23.7
		12	0	22.4	22.3	22.2	3	22.7	22.4	22.3	22.2	3	22.7
5	QPSK	12	7	22.4	22.3	22.2	3	22.7	22.4	22.3	22.2	3	22.7
		12	13	22.4	22.4	22.2	3	22.7	22.4	22.4	22.2	3	22.7
		25	0	22.4	22.3	22.2	3	22.7	22.4	22.3	22.2	3	22.7
	16QAM	1	0	20.5	20.4	20.4	5	20.7	20.5	20.4	20.4	5	20.7
		1	12	20.6	20.5	20.4	5	20.7	20.6	20.5	20.4	5	20.7
		1	24	20.5	20.5	20.3	5	20.7	20.5	20.5	20.3	5	20.7
		12	0	20.4	20.3	20.2	5	20.7	20.4	20.3	20.2	5	20.7
		12	7	20.5	20.3	20.2	5	20.7	20.5	20.3	20.2	5	20.7
		12	13	20.4	20.4	20.2	5	20.7	20.4	20.4	20.2	5	20.7
	64QAM	25	0	20.4	20.3	20.2	5	20.7	20.4	20.3	20.2	5	20.7
		1	0	25.4	25.4	25.2	0	25.7	25.4	25.4	25.2	0	25.7
		1	12	25.5	25.5	25.3	0	25.7	25.5	25.5	25.3	0	25.7
		1	24	25.4	25.4	25.2	0	25.7	25.4	25.4	25.2	0	25.7
		12	0	24.5	24.5	24.3	1	24.7	24.5	24.5	24.3	1	24.7
		12	7	24.5	24.5	24.3	1	24.7	24.5	24.5	24.3	1	24.7
	256QAM	12	13	24.5	24.5	24.3	1	24.7	24.5	24.5	24.3	1	24.7
		25	0	24.5	24.5	24.3	1	24.7	24.5	24.5	24.3	1	24.7
		1	0	24.7	24.7	24.6	1	24.7	24.7	24.7	24.6	1	24.7
		1	12	24.7	24.7	24.6	1	24.7	24.7	24.7	24.6	1	24.7
		1	24	24.7	24.7	24.6	1	24.7	24.7	24.7	24.6	1	24.7
		12	0	23.5	23.5	23.4	2	23.7	23.5	23.5	23.4	2	23.7
	64QAM	12	7	23.6	23.5	23.4	2	23.7	23.6	23.5	23.4	2	23.7
		12	13	23.6	23.6	23.4	2	23.7	23.6	23.6	23.4	2	23.7
		25	0	23.6	23.5	23.3	2	23.7	23.6	23.5	23.3	2	23.7
		1	0	23.6	23.4	23.4	2	23.7	23.6	23.4	23.4	2	23.7
		1	12	23.6	23.5	23.4	2	23.7	23.6	23.5	23.4	2	23.7
		1	24	23.6	23.4	23.3	2	23.7	23.6	23.4	23.3	2	23.7
	256QAM	12	0	22.4	22.3	22.2	3	22.7	22.4	22.3	22.2	3	22.7
		12	7	22.4	22.3	22.2	3	22.7	22.4	22.3	22.2	3	22.7
		12	13	22.4	22.4	22.2	3	22.7	22.4	22.4	22.2	3	22.7
		25	0	22.4	22.3	22.2	3	22.7	22.4	22.3	22.2	3	22.7
		1	0	20.5	20.4	20.4	5	20.7	20.5	20.4	20.4	5	20.7
		1	12	20.6	20.5	20.4	5	20.7	20.6	20.5	20.4	5	20.7
	64QAM	1	24	20.5	20.5	20.3	5	20.7	20.5	20.5	20.3	5	20.7
		12	0	20.4	20.3	20.2	5	20.7	20.4	20.3	20.2	5	20.7
		12	7	20.5	20.3	20.2	5	20.7	20.5	20.3	20.2	5	20.7
		12	13	20.4	20.4	20.2	5	20.7	20.4	20.4	20.2	5	20.7
		25	0	20.4	20.3	20.2	5	20.7	20.4	20.3	20.2	5	20.7
		1	0	20.4	20.3	20.2	5	20.7	20.4	20.3	20.2	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		MPR	Max Output Pwr		133297		MPR	Max Output Pwr
					680.5 MHz					680.5 MHz			
20	QPSK	1	0		23.9		0	24.7		23.9		0	24.7
		1	49		24.0		0	24.7		24.0		0	24.7
		1	99		23.9		0	24.7		23.9		0	24.7
		50	0		23.0		1	23.7		23.0		1	23.7
		50	24		23.1		1	23.7		23.1		1	23.7
		50	50		23.1		1	23.7		23.1		1	23.7
		100	0		23.1		1	23.7		23.1		1	23.7
	16QAM	1	0		23.1		1	23.7		23.1		1	23.7
		1	49		23.2		1	23.7		23.2		1	23.7
		1	99		23.3		1	23.7		23.3		1	23.7
		50	0		22.0		2	22.7		22.0		2	22.7
		50	24		22.1		2	22.7		22.1		2	22.7
		50	50		22.1		2	22.7		22.1		2	22.7
		100	0		22.1		2	22.7		22.1		2	22.7
	64QAM	1	0		22.0		2	22.7		22.0		2	22.7
		1	49		22.1		2	22.7		22.1		2	22.7
		1	99		22.2		2	22.7		22.2		2	22.7
		50	0		21.0		3	21.7		21.0		3	21.7
		50	24		21.1		3	21.7		21.1		3	21.7
		50	50		21.1		3	21.7		21.1		3	21.7
		100	0		21.1		3	21.7		21.1		3	21.7
	256QAM	1	0		19.2		5	19.7		19.2		5	19.7
		1	49		19.2		5	19.7		19.2		5	19.7
		1	99		19.4		5	19.7		19.4		5	19.7
		50	0		19.0		5	19.7		19.0		5	19.7
		50	24		19.0		5	19.7		19.0		5	19.7
		50	50		19.1		5	19.7		19.1		5	19.7
		100	0		19.1		5	19.7		19.1		5	19.7
BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)					Power Mode B (dBm)				
					133297		MPR	Max Output Pwr		133297		MPR	Max Output Pwr
					680.5 MHz					680.5 MHz			
15	QPSK	1	0		23.8		0	24.7		23.8		0	24.7
		1	37		23.9		0	24.7		23.9		0	24.7
		1	74		24.0		0	24.7		24.0		0	24.7
		36	0		23.0		1	23.7		23.0		1	23.7
		36	20		23.0		1	23.7		23.0		1	23.7
		36	39		23.1		1	23.7		23.1		1	23.7
		75	0		23.1		1	23.7		23.1		1	23.7
	16QAM	1	0		23.3		1	23.7		23.3		1	23.7
		1	37		23.4		1	23.7		23.4		1	23.7
		1	74		23.4		1	23.7		23.4		1	23.7
		36	0		22.0		2	22.7		22.0		2	22.7
		36	20		22.1		2	22.7		22.1		2	22.7
		36	39		22.1		2	22.7		22.1		2	22.7
		75	0		22.1		2	22.7		22.1		2	22.7
	64QAM	1	0		22.1		2	22.7		22.1		2	22.7
		1	37		22.2		2	22.7		22.2		2	22.7
		1	74		22.2		2	22.7		22.2		2	22.7
		36	0		21.0		3	21.7		21.0		3	21.7
		36	20		21.1		3	21.7		21.1		3	21.7
		36	39		21.1		3	21.7		21.1		3	21.7
		75	0		21.1		3	21.7		21.1		3	21.7
	256QAM	1	0		19.1		5	19.7		19.1		5	19.7
		1	37		19.1		5	19.7		19.1		5	19.7
		1	74		19.2		5	19.7		19.2		5	19.7
		36	0		19.0		5	19.7		19.0		5	19.7
		36	20		19.1		5	19.7		19.1		5	19.7
		36	39		19.1		5	19.7		19.1		5	19.7
		75	0		19.1		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	24.1	24.1	24.2	0	24.7	24.1	24.1	24.2	0	24.7
		1	25	24.2	24.1	24.4	0	24.7	24.2	24.1	24.4	0	24.7
		1	49	24.1	24.1	24.3	0	24.7	24.1	24.1	24.3	0	24.7
		25	0	23.1	23.1	23.3	1	23.7	23.1	23.1	23.3	1	23.7
		25	12	23.2	23.2	23.3	1	23.7	23.2	23.2	23.3	1	23.7
		25	25	23.2	23.2	23.4	1	23.7	23.2	23.2	23.4	1	23.7
	16QAM	50	0	23.2	23.1	23.3	1	23.7	23.2	23.1	23.3	1	23.7
		1	0	23.5	23.4	23.6	1	23.7	23.5	23.4	23.6	1	23.7
		1	25	23.4	23.4	23.7	1	23.7	23.4	23.4	23.7	1	23.7
		1	49	23.4	23.4	23.6	1	23.7	23.4	23.4	23.6	1	23.7
		25	0	22.2	22.1	22.3	2	22.7	22.2	22.1	22.3	2	22.7
		25	12	22.3	22.2	22.3	2	22.7	22.3	22.2	22.3	2	22.7
	64QAM	25	25	22.2	22.2	22.4	2	22.7	22.2	22.2	22.4	2	22.7
		50	0	22.2	22.2	22.3	2	22.7	22.2	22.2	22.3	2	22.7
		1	0	22.5	22.4	22.4	2	22.7	22.5	22.4	22.4	2	22.7
		1	25	22.3	22.4	22.6	2	22.7	22.3	22.4	22.6	2	22.7
		1	49	22.2	22.4	22.5	2	22.7	22.2	22.4	22.5	2	22.7
		25	0	21.2	21.1	21.3	3	21.7	21.2	21.1	21.3	3	21.7
	256QAM	25	12	21.3	21.2	21.3	3	21.7	21.3	21.2	21.3	3	21.7
		25	25	21.3	21.1	21.4	3	21.7	21.3	21.1	21.4	3	21.7
		50	0	21.3	21.2	21.3	3	21.7	21.3	21.2	21.3	3	21.7
		1	0	19.4	19.2	19.3	5	19.7	19.4	19.2	19.3	5	19.7
		1	25	19.5	19.3	19.5	5	19.7	19.5	19.3	19.5	5	19.7
		1	49	19.4	19.3	19.5	5	19.7	19.4	19.3	19.5	5	19.7
		25	0	19.2	19.1	19.3	5	19.7	19.2	19.1	19.3	5	19.7
		25	12	19.3	19.2	19.3	5	19.7	19.3	19.2	19.3	5	19.7
		25	25	19.3	19.2	19.4	5	19.7	19.3	19.2	19.4	5	19.7
		50	0	19.3	19.2	19.3	5	19.7	19.3	19.2	19.3	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	24.1	24.0	24.3	0	24.7	24.1	24.0	24.3	0	24.7
		1	12	24.2	24.1	24.3	0	24.7	24.2	24.1	24.3	0	24.7
		1	24	24.1	24.0	24.3	0	24.7	24.1	24.0	24.3	0	24.7
		12	0	23.2	23.1	23.4	1	23.7	23.2	23.1	23.4	1	23.7
		12	7	23.3	23.2	23.4	1	23.7	23.3	23.2	23.4	1	23.7
		12	13	23.2	23.2	23.3	1	23.7	23.2	23.2	23.3	1	23.7
	16QAM	25	0	23.2	23.1	23.3	1	23.7	23.2	23.1	23.3	1	23.7
		1	0	23.5	23.5	23.7	1	23.7	23.5	23.5	23.7	1	23.7
		1	12	23.6	23.5	23.7	1	23.7	23.6	23.5	23.7	1	23.7
		1	24	23.5	23.5	23.7	1	23.7	23.5	23.5	23.7	1	23.7
		12	0	22.2	22.2	22.4	2	22.7	22.2	22.2	22.4	2	22.7
		12	7	22.3	22.3	22.4	2	22.7	22.3	22.3	22.4	2	22.7
	64QAM	12	13	22.3	22.3	22.3	2	22.7	22.3	22.3	22.3	2	22.7
		25	0	22.3	22.2	22.4	2	22.7	22.3	22.2	22.4	2	22.7
		1	0	22.5	22.2	22.6	2	22.7	22.5	22.2	22.6	2	22.7
		1	12	22.5	22.3	22.6	2	22.7	22.5	22.3	22.6	2	22.7
		1	24	22.5	22.2	22.5	2	22.7	22.5	22.2	22.5	2	22.7
		12	0	21.2	21.1	21.4	3	21.7	21.2	21.1	21.4	3	21.7
	256QAM	12	7	21.3	21.2	21.4	3	21.7	21.3	21.2	21.4	3	21.7
		12	13	21.3	21.2	21.3	3	21.7	21.3	21.2	21.3	3	21.7
		25	0	21.3	21.2	21.3	3	21.7	21.3	21.2	21.3	3	21.7
		1	0	19.3	19.3	19.5	5	19.7	19.3	19.3	19.5	5	19.7
		1	12	19.4	19.4	19.5	5	19.7	19.4	19.4	19.5	5	19.7
		1	24	19.3	19.3	19.5	5	19.7	19.3	19.3	19.5	5	19.7
		12	0	19.2	19.1	19.3	5	19.7	19.2	19.1	19.3	5	19.7
		12	7	19.3	19.2	19.4	5	19.7	19.3	19.2	19.4	5	19.7
		12	13	19.3	19.2	19.3	5	19.7	19.3	19.2	19.3	5	19.7
		25	0	19.3	19.2	19.4	5	19.7	19.3	19.2	19.4	5	19.7

LTE Band 71 Measured Results (ANT3)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)					Power Mode B (dBm)				
					133297		MPR	Max Output Pwr		133297		MPR	Max Output Pwr
					680.5 MHz					680.5 MHz			
20	QPSK	1	0		24.9		0	25.4		24.9		0	25.4
		1	49		25.1		0	25.4		25.1		0	25.4
		1	99		24.9		0	25.4		24.9		0	25.4
		50	0		24.1		1	24.4		24.1		1	24.4
		50	24		24.1		1	24.4		24.1		1	24.4
		50	50		24.1		1	24.4		24.1		1	24.4
		100	0		24.1		1	24.4		24.1		1	24.4
	16QAM	1	0		24.2		1	24.4		24.2		1	24.4
		1	49		24.4		1	24.4		24.4		1	24.4
		1	99		24.2		1	24.4		24.2		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		23.1		2	23.4		23.1		2	23.4
		100	0		23.1		2	23.4		23.1		2	23.4
	64QAM	1	0		23.2		2	23.4		23.2		2	23.4
		1	49		23.1		2	23.4		23.2		2	23.4
		1	99		23.2		2	23.4		23.2		2	23.4
		50	0		22.1		3	22.4		22.2		3	22.4
		50	24		22.1		3	22.4		22.2		3	22.4
		50	50		22.2		3	22.4		22.1		3	22.4
		100	0		22.2		3	22.4		22.1		3	22.4
	256QAM	1	0		20.1		5	20.4		20.2		5	20.4
		1	49		20.2		5	20.4		20.1		5	20.4
		1	99		20.1		5	20.4		20.2		5	20.4
		50	0		20.2		5	20.4		20.2		5	20.4
		50	24		20.1		5	20.4		20.2		5	20.4
		50	50		20.2		5	20.4		20.1		5	20.4
		100	0		20.1		5	20.4		20.2		5	20.4
BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)					Power Mode B (dBm)				
					133297		MPR	Max Output Pwr		133297		MPR	Max Output Pwr
					680.5 MHz					680.5 MHz			
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		24.8		0	25.4		24.8		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		24.1		1	24.4		24.1		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		24.1		1	24.4		24.1		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		23.1		2	23.4		23.1		2	23.4
	64QAM	1	0		23.2		2	23.4		23.1		2	23.4
		1	37		23.1		2	23.4		23.2		2	23.4
		1	74		23.2		2	23.4		23.2		2	23.4
		36	0		22.1		3	22.4		22.2		3	22.4
		36	20		22.1		3	22.4		22.2		3	22.4
		36	39		22.2		3	22.4		22.2		3	22.4
		75	0		22.2		3	22.4		22.1		3	22.4
	256QAM	1	0		20.2		5	20.4		20.2		5	20.4
		1	37		20.1		5	20.4		20.1		5	20.4
		1	74		20.2		5	20.4		20.2		5	20.4
		36	0		20.1		5	20.4		20.2		5	20.4
		36	20		20.2		5	20.4		20.2		5	20.4
		36	39		20.1		5	20.4		20.2		5	20.4
		75	0		20.2		5	20.4		20.2		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	25.1	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	25.2	25.1	25.0	0	25.4	25.2	25.1	25.0	0	25.4
		25	0	24.2	24.2	24.1	1	24.4	24.2	24.2	24.1	1	24.4
		25	12	24.3	24.2	24.1	1	24.4	24.3	24.2	24.1	1	24.4
		25	25	24.2	24.3	24.2	1	24.4	24.2	24.3	24.2	1	24.4
	16QAM	50	0	24.2	24.2	24.1	1	24.4	24.2	24.2	24.1	1	24.4
		1	0	24.4	24.3	24.3	1	24.4	24.4	24.3	24.3	1	24.4
		1	25	24.4	24.3	24.3	1	24.4	24.4	24.3	24.3	1	24.4
		1	49	24.4	24.3	24.3	1	24.4	24.4	24.3	24.3	1	24.4
		25	0	23.2	23.3	23.2	2	23.4	23.2	23.3	23.2	2	23.4
		25	12	23.3	23.3	23.2	2	23.4	23.3	23.3	23.2	2	23.4
	64QAM	25	25	23.3	23.3	23.2	2	23.4	23.3	23.3	23.2	2	23.4
		50	0	23.3	23.3	23.1	2	23.4	23.3	23.3	23.1	2	23.4
		1	0	23.1	23.1	23.2	2	23.4	23.2	23.2	23.1	2	23.4
		1	25	23.2	23.2	23.1	2	23.4	23.1	23.2	23.2	2	23.4
		1	49	23.2	23.2	23.1	2	23.4	23.1	23.1	23.2	2	23.4
		25	0	22.2	22.2	22.2	3	22.4	22.2	22.2	22.2	3	22.4
	256QAM	25	12	22.2	22.2	22.2	3	22.4	22.2	22.1	22.2	3	22.4
		25	25	22.2	22.1	22.2	3	22.4	22.2	22.2	22.2	3	22.4
		50	0	22.1	22.2	22.1	3	22.4	22.2	22.1	22.1	3	22.4
		1	0	20.2	20.1	20.2	5	20.4	20.2	20.2	20.2	5	20.4
		1	25	20.2	20.1	20.2	5	20.4	20.2	20.1	20.2	5	20.4
		1	49	20.1	20.2	20.2	5	20.4	20.2	20.1	20.2	5	20.4
5	QPSK	25	0	20.1	20.2	20.2	5	20.4	20.2	20.2	20.1	5	20.4
		25	12	20.1	20.2	20.2	5	20.4	20.2	20.2	20.2	5	20.4
		25	25	20.1	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	20.1	20.2	20.1	5	20.4
	16QAM	1	0	24.3	24.3	24.3	1	24.4	24.3	24.3	24.3	1	24.4
		1	12	24.3	24.3	24.3	1	24.4	24.3	24.3	24.3	1	24.4
		1	24	24.3	24.3	24.3	1	24.4	24.3	24.3	24.3	1	24.4
		12	0	23.3	23.2	23.2	2	23.4	23.3	23.2	23.2	2	23.4
		12	7	23.3	23.3	23.3	2	23.4	23.3	23.3	23.3	2	23.4
		12	13	23.3	23.3	23.2	2	23.4	23.3	23.3	23.2	2	23.4
	64QAM	25	0	23.3	23.4	23.2	2	23.4	23.3	23.4	23.2	2	23.4
		1	0	23.1	23.1	23.2	2	23.4	23.1	23.1	23.2	2	23.4
		1	12	23.2	23.2	23.1	2	23.4	23.2	23.2	23.1	2	23.4
		1	24	23.1	23.1	23.1	2	23.4	23.1	23.1	23.1	2	23.4
		12	0	22.1	22.2	22.2	3	22.4	22.1	22.2	22.2	3	22.4
		12	7	22.2	22.2	22.2	3	22.4	22.2	22.2	22.2	3	22.4
	256QAM	12	13	22.2	22.2	22.1	3	22.4	22.2	22.2	22.1	3	22.4
		25	0	22.2	22.1	22.1	3	22.4	22.2	22.1	22.1	3	22.4
		1	0	20.2	20.2	20.1	5	20.4	20.2	20.2	20.1	5	20.4
		1	12	20.1	20.1	20.1	5	20.4	20.1	20.1	20.1	5	20.4
		1	24	20.2	20.1	20.2	5	20.4	20.2	20.1	20.2	5	20.4
		12	0	20.2	20.1	20.1	5	20.4	20.2	20.1	20.1	5	20.4
	256QAM	12	7	20.1	20.2	20.2	5	20.4	20.1	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	20.1	20.1	20.2	5	20.4	20.1	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

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

Where M_A is defined as follows

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

$$3.83 - 0.83A \quad ; 0.4 \leq A \leq 1$$

and M_{IM5} is defined as follows

$$M_{IM5} = \begin{cases} 4.5 & ; \Delta_{IM5} < 1.5 * BW_{Channel_CA} \\ 6.0 & ; 1.5 * BW_{Channel_CA} \leq \Delta_{IM5} < BW_{Channel_CA}/2 + \Delta f_{ooB} \\ M_A & ; \Delta_{IM5} \geq BW_{Channel_CA}/2 + \Delta f_{ooB} \end{cases}$$

Where

$$A = N_{RB_alloc} / N_{RB_agg}$$

$$\Delta_{IM5} = \max(|F_{C_agg} - (3 * F_{agg_alloc_low} - 2 * F_{agg_alloc_high})|, |F_{C_agg} - (3 * F_{agg_alloc_high} - 2 * F_{agg_alloc_low})|)$$

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

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

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

$$MPR = CEIL\{M_A, 0.5\}$$

Where M_N is defined as follows

$$M_N = \begin{cases} -0.125N + 18.25 & ; 2 \leq N \leq 50 \\ -0.0333 N + 13.67 & ; 50 < N \leq 200 \end{cases}$$

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:

- The maximum output power, including tolerance, for the smaller band must be $\leq$ the larger band to qualify for the SAR test exclusion.
- 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:

- When the maximum output power for UL CA is $\leq$ 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
- 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)
- 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	25.0	25.0	23.8	24.0	24.7	24.6			25.7	25.7	24.5	24.7	25.4	25.3		
CA_7C	QPSK	19.3	21.3	18.6	19.2	21.1	20.3	19.3	19.7	20.0	22.0	19.3	19.9	21.8	21.0	20.0	20.4
CA_41C (PC3)	QPSK	24.7	21.8	19.5	20.5	23.7	19.9	21.1	19.8	25.7	22.8	20.5	21.5	24.7	20.9	22.1	20.8
CA_41C (PC2)	QPSK	27.1	23.4	21.1	22.1	25.3	21.5	22.7	21.4	28.1	24.4	22.1	23.1	26.3	22.5	23.7	22.4
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	24.0	21.8	19.4	19.9	22.5	19.9	22.2	20.6	25.0	22.8	20.4	20.9	23.5	20.9	23.2	21.6

LTE CA 5B Measured Results

UL CA Combination	Antenna	Power Mode	Modulation	PCC				SCC				Standalone Power		(PCC + SCC) UL CA Power			CA Inactive Power Setting	CA Active Power Setting
				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	25.1	25.7	25.0	-0.1	25.0	22.00
CA_5B	ANT 1	Mode B	QPSK	10	831.6	1	49	5	841.5	1	0	25.7	25.1	25.7	25.0	-0.1	25.0	22.00
CA_5B	ANT 2	Mode A	QPSK	10	831.6	1	49	5	841.5	1	0	24.5	23.7	24.5	23.7	0.0	23.8	20.80
CA_5B	ANT 2	Mode B	QPSK	10	831.6	1	49	5	841.5	1	0	24.7	24.5	24.7	24.4	-0.1	24.0	21.00
CA_5B	ANT 3	Mode A	QPSK	10	831.6	1	49	5	841.5	1	0	25.4	25.1	25.4	25.0	-0.1	24.7	21.70
CA_5B	ANT 3	Mode B	QPSK	10	831.6	1	49	5	841.5	1	0	25.3	25.0	25.3	24.9	-0.1	24.6	21.60

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			CA Inactive Power Setting	CA Active Power Setting
				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	20.0	19.5	20.0	19.5	0.0	25.0	22.00
CA_7C	ANT 1	Mode B	QPSK	20	2525.1	1	99	20	2544.9	1	0	22.0	20.8	22.0	20.7	-0.1	22.6	19.60
CA_7C	ANT 1	Mode B	QPSK	20	2525.1	1	99	20	2544.9	1	0	22.0	20.8	22.0	20.7	-0.1	22.6	19.60
CA_7C	ANT 2	Mode A	QPSK	20	2525.1	1	99	20	2544.9	1	0	19.3	18.2	19.3	18.2	0.0	17.6	14.60
CA_7C	ANT 2	Mode B	QPSK	20	2525.1	1	99	20	2544.9	1	0	19.9	19.2	19.9	19.1	-0.1	18.6	15.60
CA_7C	ANT 3	Mode A	QPSK	20	2525.1	1	99	20	2544.9	1	0	21.8	21.4	21.8	21.5	0.1	21.1	18.10
CA_7C	ANT 3	Mode B	QPSK	20	2540.2	1	99	20	2560.0	1	0	21.0	20.7	21.0	20.6	-0.1	19.1	16.10
CA_7C	ANT 4	Mode A	QPSK	20	2525.1	1	99	20	2544.9	1	0	20.0	19.6	20.0	19.4	-0.2	19.6	16.60
CA_7C	ANT 4	Mode B	QPSK	20	2525.1	1	99	20	2544.9	1	0	20.4	20.2	20.4	20.2	0.0	20.1	17.10
CA_7C	ANT 4	Mode B	QPSK	20	2510.0	1	99	20	2529.8	1	0	20.4	20.3	20.4	20.4	0.1	20.1	17.10

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			CA Inactive Power Setting	CA Active Power Setting
				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	25.7	25.3	25.7	25.2	-0.1	25.0	22.00
CA_41C	ANT 1	Mode B	QPSK	20	2583.1	1	99	20	2602.9	1	0	22.8	22.8	22.8	22.8	0.0	23.8	20.80
CA_41C	ANT 1	Mode B	QPSK	20	2506.0	1	99	20	2525.8	1	0	22.8	22.8	22.8	22.8	0.0	23.8	20.80
CA_41C	ANT 2	Mode A	QPSK	20	2583.1	1	99	20	2602.9	1	0	20.5	19.6	20.5	19.6	0.0	19.3	16.30
CA_41C	ANT 2	Mode B	QPSK	20	2660.2	1	99	20	2680	1	0	21.5	20.6	21.5	20.5	-0.1	20.1	17.10
CA_41C	ANT 3	Mode A	QPSK	20	2583.1	1	99	20	2602.9	1	0	24.7	24.3	24.7	24.2	-0.1	24.1	21.10
CA_41C	ANT 3	Mode B	QPSK	20	2583.1	1	99	20	2602.9	1	0	20.9	20.5	20.9	20.5	0.0	21.8	18.80
CA_41C	ANT 3	Mode B	QPSK	20	2660.2	1	99	20	2680	1	0	20.9	20.6	20.9	20.7	0.1	21.8	18.80
CA_41C	ANT 4	Mode A	QPSK	20	2583.1	1	99	20	2602.9	1	0	22.1	20.8	22.1	20.6	-0.2	20.6	17.60
CA_41C	ANT 4	Mode B	QPSK	20	2583.1	1	99	20	2602.9	1	0	20.8	20.1	20.8	20.1	0.0	19.8	16.80
CA_41C	ANT 4	Mode B	QPSK	20	2506.0	1	99	20	2525.8	1	0	20.8	20.2	20.8	20.1	-0.1	19.8	16.80

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			CA Inactive Power Setting	CA Active Power Setting
				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	25.0	24.3	25.0	21.7	-2.6	24.0	21.00
CA_48C	ANT 7	Mode B	QPSK	20	3615.1	1	99	20	3634.9	1	0	22.8	22.0	22.8	22.1	0.1	21.8	18.80
CA_48C	ANT 7	Mode B	QPSK	20	3560.0	1	99	20	3579.8	1	0	22.8	22.1	22.8	22.1	0.0	21.8	18.80
CA_48C	ANT 8	Mode A	QPSK	20	3615.1	1	99	20	3634.9	1	0	20.4	18.9	20.4	18.8	-0.1	19.0	16.00
CA_48C	ANT 8	Mode B	QPSK	20	3615.1	1	99	20	3634.9	1	0	20.9	19.7	20.9	19.6	-0.1	19.5	16.50
CA_48C	ANT 8	Mode B	QPSK	20	3615.1	1	99	20	3634.9	1	0	20.9	19.7	20.9	19.6	-0.1	19.5	16.50
CA_48C	ANT 9	Mode A	QPSK	20	3615.1	1	99	20	3634.9	1	0	23.5	23.1	23.5	23.1	0.0	22.5	19.50
CA_48C	ANT 9	Mode B	QPSK	20	3670.2	1	99	20	3690.0	1	0	20.9	20.8	20.9	20.8	0.0	20.3	17.30
CA_48C	ANT 4	Mode A	QPSK	20	3615.1	1	99	20	3634.9	1	0	23.2	22.9	23.2	22.9	0.0	17.8	14.80
CA_48C	ANT 4	Mode B	QPSK	20	3615.1	1	99	20	3634.9	1	0	21.6	21.5	21.6	21.4	-0.1	17.0	14.00

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:

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

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	$\leq 3.5^1$	$\leq 1.2^1$	$\leq 0.2^1$
	$\leq 0.5^2$		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 <i>powerBoosting-pi2BPSK</i> and if the IE <i>powerBoostPi2BPSK</i> is set to 1 and 40 % or less slots in radio frame are used for UL transmission for bands n40, n41, n77, n78 and n79. The reference power of 0dB MPR is 26dBm.			
NOTE 2: Applicable for UE operating in FDD mode, or in TDD mode in bands other than n40, n41, n77, n78 and n79 and if the IE <i>powerBoostPi2BPSK</i> is set to 0 and if more than 40% of slots in radio frame are used for UL transmission for bands n40, n41, n77, n78 and n79.			

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_IRB_Left	Edge_IRB_Right	Outer_Full	Inner_Full	Inner_IRB_Left	Inner_IRB_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
90MHz	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
	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
100MHz	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
	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
100MHz	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
	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

Note 1: The allocated RB number Low is $cell(N_{RB}/2) - 1$ 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 $\leq$ the larger band to qualify for the SAR test exclusion.
- d) The channel bandwidth and other operating parameters for the smaller band must be fully supported by the larger band.

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

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

SAR measurement is not required for the $\pi/2$ BPSK, 16QAM, 64QAM and 256QAM. When the highest maximum output power for $\pi/2$ BPSK, 16QAM, 64QAM and 256QAM is $\leq \frac{1}{2}$ dB higher than the QPSK or when the reported SAR for the QPSK configuration is ≤ 1.45 W/kg.

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

RF Air interface	Mode	Maximum Output Power (Tune-up Limit) (dBm)								Target Output Power (dBm)							
		ANT1		ANT2		ANT3		ANT4		ANT1		ANT2		ANT3		ANT4	
		Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B
NR n2	QPSK	25.0	18.8	20.0	19.7	22.6	21.5	20.4	21.0	25.7	19.5	20.7	20.4	23.3	22.2	21.1	21.7
NR n5	QPSK	25.0	25.0	23.8	24.0	24.7	24.6			25.7	25.7	24.5	24.7	25.4	25.3		
NR n7	QPSK	19.3	21.5	17.8	18.8	21.1	20.8	19.7	19.8	20.0	22.2	18.5	19.5	21.8	21.5	20.4	20.5
NR n12	QPSK	25.0	25.0	24.0	24.0	24.7	24.7			25.7	25.7	24.7	24.7	25.4	25.4		
NR n14	QPSK	25.0	25.0	23.8	23.8	24.7	24.7			25.7	25.7	24.5	24.5	25.4	25.4		
NR n25	QPSK	25.0	18.8	20.0	19.7	22.6	21.5	20.4	21.0	25.7	19.5	20.7	20.4	23.3	22.2	21.1	21.7
NR n26	QPSK	25.0	25.0	23.8	24.0	24.7	24.6			25.7	25.7	24.5	24.7	25.4	25.3		
NR n30	QPSK	24.5	23.6	21.6	22.3	21.6	19.5	20.8	19.3	25.2	24.3	22.3	23.0	22.3	20.2	21.5	20.0
NR n41 (PC3)	QPSK	23.5	19.8	17.5	18.5	21.7	17.9	19.1	17.8	24.5	20.8	18.5	19.5	22.7	18.9	20.1	18.8
NR n41 (PC2)	QPSK	26.5	22.8	20.5	21.5	24.7	20.9	22.1	20.8	27.5	23.8	21.5	22.5	25.7	21.9	23.1	21.8
NR n53	QPSK	18.0	18.0	18.3	18.9					18.7	18.7	19.0	19.6				
NR n66	QPSK	24.6	18.7	19.3	19.0	22.1	21.8	20.3	21.7	25.3	19.4	20.0	19.7	22.8	22.5	21.0	22.4
NR n70	QPSK	24.6	19.2	20.3	19.9	22.1	22.8	21.8	22.4	25.3	19.9	21.0	20.6	22.8	23.5	22.5	23.1
NR n71	QPSK	25.0	25.0	24.0	24.0	24.7	24.7			25.7	25.7	24.7	24.7	25.4	25.4		
RF Air interface	Mode	Maximum Output Power (Tune-up Limit) (dBm)								Target Output Power (dBm)							
		ANT7		ANT8		ANT9		ANT4		ANT7		ANT8		ANT9		ANT4	
		Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B
NR n48	QPSK	22.0	19.8	17.4	17.9	20.5	17.9	20.2	18.6	23.0	20.8	18.4	18.9	21.5	18.9	21.2	19.6
NR n77 (PC3)	QPSK	21.8	19.8	17.7	17.1	17.5	16.4	20.0	18.9	22.8	20.8	18.7	18.1	18.5	17.4	21.0	19.9
NR n77 (PC2)	QPSK	24.8	22.8	20.7	20.1	20.5	19.4	23.0	21.9	25.8	23.8	21.7	21.1	21.5	20.4	24.0	22.9

NR Band 5 Measured Results (ANT1)

BW (MHz)	OFDM Modulation Scheme	SCS (KHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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		25.7		0	25.7		25.7		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
			QPSK	1	1		25.7		0	25.7		25.7		0	25.7
				1	53		25.7		0	25.7		25.7		0	25.7
				1	104		25.5		0	25.7		25.5		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	Mode A (dBm)					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		25.7		0	25.7		25.7		0	25.7
BW (MHz)	OFDM Modulation Scheme	SCS (KHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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		25.7		0	25.7		25.7		0	25.7
BW (MHz)	OFDM Modulation Scheme	SCS (KHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	25.5	25.5	25.4	0	25.7	25.5	25.5	25.4	0	25.7

NR Band 5 Measured Results (ANT2)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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		24.1		0	24.5		24.4		0	24.7
				1	53		24.2		0	24.5		24.6		0	24.7
				1	104		24.1		0	24.5		24.6		0	24.7
				50	28		24.1		0	24.5		24.2		0	24.7
			QPSK	1	1		24.4		0	24.5		24.5		0	24.7
				1	53		24.2		0	24.5		24.3		0	24.7
				1	104		24.0		0	24.5		24.5		0	24.7
				50	28		24.1		0	24.5		24.3		0	24.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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		24.3		0	24.5		24.6		0	24.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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		24.0		0	24.5		24.3		0	24.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	24.2	24.0	24.0	0	24.5	24.3	24.4	24.2	0	24.7

NR Band 5 Measured Results (ANT3)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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		25.0		0	25.4		24.9		0	25.3
				1	53		25.0		0	25.4		24.9		0	25.3
				1	104		25.0		0	25.4		24.9		0	25.3
				50	28		25.1		0	25.4		25.0		0	25.3
			QPSK	1	1		25.2		0	25.4		25.1		0	25.3
				1	53		25.1		0	25.4		25.1		0	25.3
				1	104		25.1		0	25.4		25.0		0	25.3
				50	28		25.2		0	25.4		25.1		0	25.3
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	25.3
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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		25.0		0	25.4		24.8		0	25.3
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	24.8	24.8	0	25.4	24.9	24.8	24.7	0	25.3

NR Band 7 Measured Results (ANT1)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	1		19.2		0	20		21.0		0	22.2
				1	108		19.6		0	20		21.2		0	22.2
				1	214		19.5		0	20		21.0		0	22.2
				108	54		19.6		0	20		21.2		0	22.2
			QPSK	1	1		19.5		0	20		20.9		0	22.2
				1	108		19.5		0	20		21.1		0	22.2
				1	214		19.5		0	20		21.1		0	22.2
				108	54		19.5		0	20		21.0		0	22.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	80		19.5		0	20		21.0		0	22.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	66		19.4		0	20		20.6		0	22.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	53	19.3	19.5	19.6	0	20	20.9	20.9	20.9	0	22.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	39	19.3	19.4	19.6	0	20	20.9	20.9	20.9	0	22.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	26	19.2	19.3	19.5	0	20	20.8	20.9	20.8	0	22.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	12	19.2	19.3	19.5	0	20	20.7	20.8	20.8	0	22.2

NR Band 7 Measured Results (ANT2)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	1		17.9		0	18.5		19.2		0	19.5
				1	108		17.9		0	18.5		19.2		0	19.5
				1	214		17.9		0	18.5		19.2		0	19.5
				108	54		17.9		0	18.5		19.2		0	19.5
			QPSK	1	1		18.0		0	18.5		19.3		0	19.5
				1	108		17.8		0	18.5		19.3		0	19.5
				1	214		18.0		0	18.5		19.3		0	19.5
				108	54		17.8		0	18.5		19.2		0	19.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	80		17.9		0	18.5		19.3		0	19.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	66		18.0		0	18.5		19.3		0	19.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	53	17.9	18.0	18.0	0	18.5	19.2	18.9	19.2	0	19.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	39	17.9	17.9	18.0	0	18.5	19.1	19.3	19.3	0	19.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	26	17.8	17.8	17.9	0	18.5	19.1	19.1	19.2	0	19.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	12	17.8	17.7	18.0	0	18.5	18.9	19.1	19.2	0	19.5

NR Band 7 Measured Results (ANT3)

BW (MHz)	OFDM Modulation Scheme	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	1		21.7		0	21.8		21.1		0	21.5
			1	108		21.8		0	21.8		21.1		0	21.5
			1	214		21.8		0	21.8		21.1		0	21.5
			108	54		21.7		0	21.8		21.0		0	21.5
		QPSK	1	1		21.7		0	21.8		21.2		0	21.5
			1	108		21.8		0	21.8		21.1		0	21.5
			1	214		21.7		0	21.8		21.2		0	21.5
			108	54		21.8		0	21.8		21.1		0	21.5
BW (MHz)	OFDM Modulation Scheme	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	80		21.7		0	21.8		21.1		0	21.5
BW (MHz)	OFDM Modulation Scheme	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	66		21.6		0	21.8		20.9		0	21.5
BW (MHz)	OFDM Modulation Scheme	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	53	21.5	21.6	21.7	0	21.8	21.0	21.1	21.2	0	21.5
BW (MHz)	OFDM Modulation Scheme	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	39	21.7	21.7	21.7	0	21.8	21.0	21.0	21.1	0	21.5
BW (MHz)	OFDM Modulation Scheme	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	26	21.4	21.2	21.6	0	21.8	20.6	20.9	21.0	0	21.5
BW (MHz)	OFDM Modulation Scheme	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	12	21.3	21.4	21.5	0	21.8	20.7	20.7	21.0	0	21.5

NR Band 7 Measured Results (ANT4)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	1		20.0		0	20.4		20.2		0	20.5
				1	108		20.2		0	20.4		20.4		0	20.5
				1	214		19.9		0	20.4		20.4		0	20.5
				108	54		20.0		0	20.4		20.4		0	20.5
			QPSK	1	1		20.0		0	20.4		20.3		0	20.5
				1	108		20.2		0	20.4		20.4		0	20.5
				1	214		19.9		0	20.4		20.3		0	20.5
				108	54		20.0		0	20.4		20.5		0	20.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	80		19.8		0	20.4		20.2		0	20.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	66		19.8		0	20.4		20.1		0	20.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	53	19.8	19.9	20.0	0	20.4	20.3	20.4	20.5	0	20.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	39	19.7	19.7	20.0	0	20.4	20.3	20.5	20.5	0	20.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	26	19.7	19.7	19.8	0	20.4	20.2	20.4	20.5	0	20.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	12	19.5	19.5	19.8	0	20.4	20.1	20.4	20.5	0	20.5

NR Band 12 Measured Results (ANT1)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	1		25.6		0	25.7		25.6		0	25.7
				1	39		25.7		0	25.7		25.7		0	25.7
				1	77		25.5		0	25.7		25.5		0	25.7
				36	22		25.4		0	25.7		25.4		0	25.7
			QPSK	1	1		25.7		0	25.7		25.7		0	25.7
				1	39		25.6		0	25.7		25.6		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
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ 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	Mode A (dBm)					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	$\pi/2$ BPSK	1	12	25.6	25.5	25.4	0	25.7	25.6	25.5	25.4	0	25.7

NR Band 12 Measured Results (ANT2)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	1		24.4		0	24.7		24.4		0	24.7
				1	39		24.4		0	24.7		24.4		0	24.7
				1	77		24.4		0	24.7		24.4		0	24.7
				36	22		24.2		0	24.7		24.2		0	24.7
			QPSK	1	1		24.4		0	24.7		24.4		0	24.7
				1	39		24.4		0	24.7		24.4		0	24.7
				1	77		24.3		0	24.7		24.3		0	24.7
				36	22		24.2		0	24.7		24.2		0	24.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	26		24.4		0	24.7		24.4		0	24.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	12	24.3	24.3	24.4	0	24.7	24.3	24.3	24.4	0	24.7

NR Band 12 Measured Results (ANT3)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ 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		25.3		0	25.4		25.3		0	25.4
				1	39		25.0		0	25.4		25.0		0	25.4
				1	77		25.3		0	25.4		25.3		0	25.4
				36	22		24.9		0	25.4		24.9		0	25.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	26		25.0		0	25.4		25.0		0	25.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	12	25.2	25.1	25.2	0	25.4	25.2	25.1	25.2	0	25.4

NR Band 14 Measured Results (ANT1)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	1		25.0		0	25.7		25.0		0	25.7
				1	26		25.2		0	25.7		25.2		0	25.7
				1	50		24.9		0	25.7		24.9		0	25.7
				25	14		25.2		0	25.7		25.2		0	25.7
			QPSK	1	1		25.0		0	25.7		25.0		0	25.7
				1	26		25.2		0	25.7		25.2		0	25.7
				1	50		24.8		0	25.7		24.8		0	25.7
				25	14		25.2		0	25.7		25.2		0	25.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	12		25.0		0	25.7		25.0		0	25.7

NR Band 14 Measured Results (ANT2)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					Mode B (dBm)				
						158600	158600	159100	MPR	Max Output Pwr	158600	158600	159100	MPR	Max Output Pwr
						793 MHz	793 MHz	793 MHz			793 MHz	793 MHz	793 MHz		
10	DFT-s	15	$\pi/2$ BPSK	1	1		24.1		0	24.5		24.1		0	24.5
				1	26		24.1		0	24.5		24.1		0	24.5
				1	50		24.0		0	24.5		24.1		0	24.5
				25	14		24.0		0	24.5		24.0		0	24.5
			QPSK	1	1		24.1		0	24.5		24.1		0	24.5
				1	26		24.1		0	24.5		24.1		0	24.5
				1	50		24.1		0	24.5		24.0		0	24.5
				25	14		24.0		0	24.5		24.0		0	24.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	12		24.2		0	24.5		24.3		0	24.5

NR Band 14 Measured Results (ANT3)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	1		25.0		0	25.4		25.0		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		24.9		0	25.4		24.9		0	25.4
			QPSK	1	1		25.1		0	25.4		25.1		0	25.4
				1	26		25.0		0	25.4		25.0		0	25.4
				1	50		25.1		0	25.4		25.1		0	25.4
				25	14		24.9		0	25.4		24.9		0	25.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	12		25.1		0	25.4		25.1		0	25.4

NR Band 25 Measured Results (ANT1)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	1		25.5		0	25.7		19.0		0	19.5
				1	108		25.7		0	25.7		19.3		0	19.5
				1	214		25.6		0	25.7		19.3		0	19.5
				108	54		25.7		0	25.7		19.2		0	19.5
			QPSK	1	1		25.5		0	25.7		19.1		0	19.5
				1	108		25.5		0	25.7		19.2		0	19.5
				1	214		25.6		0	25.7		19.2		0	19.5
				108	54		25.7		0	25.7		19.1		0	19.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	94		25.7		0	25.7		19.2		0	19.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	80		25.7		0	25.7		19.1		0	19.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	66		25.7		0	25.7		19.2		0	19.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	53	25.5	25.6	25.7	0	25.7	19.0	19.2	19.1	0	19.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	39	25.6	25.5	25.6	0	25.7	19.1	19.2	19.2	0	19.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	26	25.4	25.4	25.6	0	25.7	19.0	19.0	19.1	0	19.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	12	25.3	25.3	25.7	0	25.7	19.0	19.0	19.0	0	19.5

NR Band 25 Measured Results (ANT2)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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		20.3		0	20.7		19.8		0	20.4
				1	108		20.3		0	20.7		19.9		0	20.4
				1	214		20.3		0	20.7		19.8		0	20.4
				108	54		20.3		0	20.7		19.8		0	20.4
			QPSK	1	1		20.4		0	20.7		20.1		0	20.4
				1	108		20.3		0	20.7		19.8		0	20.4
				1	214		20.4		0	20.7		20.2		0	20.4
				108	54		20.4		0	20.7		19.8		0	20.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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		20.3		0	20.7		19.8		0	20.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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		20.3		0	20.7		19.7		0	20.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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		20.3		0	20.7		19.6		0	20.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	20.3	20.2	20.2	0	20.7	19.7	19.7	19.7	0	20.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	20.3	20.2	20.1	0	20.7	19.6	19.7	19.6	0	20.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	20.2	20.2	20.0	0	20.7	19.6	19.3	19.6	0	20.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	20.2	20.1	20.1	0	20.7	19.5	19.5	19.5	0	20.4

NR Band 25 Measured Results (ANT3)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	1		23.0		0	23.3		21.9		0	22.2
				1	108		23.3		0	23.3		22.0		0	22.2
				1	214		23.0		0	23.3		21.9		0	22.2
				108	54		23.3		0	23.3		22.0		0	22.2
			QPSK	1	1		23.0		0	23.3		21.8		0	22.2
				1	108		23.3		0	23.3		22.0		0	22.2
				1	214		23.2		0	23.3		21.9		0	22.2
				108	54		23.3		0	23.3		22.0		0	22.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	94		23.0		0	23.3		21.9		0	22.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	80		22.9		0	23.3		22.0		0	22.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	66		22.8		0	23.3		21.9		0	22.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	53	23.0	23.0	23.0	0	23.3	21.9	21.9	22.1	0	22.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	39	23.0	23.0	23.0	0	23.3	22.0	21.9	21.9	0	22.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	26	22.8	22.6	22.8	0	23.3	21.9	21.7	21.8	0	22.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	12	22.8	22.6	22.8	0	23.3	21.7	21.7	21.9	0	22.2

NR Band 25 Measured Results (ANT4)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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		20.5		0	21.1		21.3		0	21.7
				1	108		20.5		0	21.1		21.3		0	21.7
				1	214		20.5		0	21.1		21.3		0	21.7
				108	54		20.5		0	21.1		21.3		0	21.7
			QPSK	1	1		20.5		0	21.1		21.4		0	21.7
				1	108		20.6		0	21.1		21.4		0	21.7
				1	214		20.6		0	21.1		21.4		0	21.7
				108	54		20.6		0	21.1		21.4		0	21.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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		20.6		0	21.1		21.4		0	21.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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		20.6		0	21.1		21.3		0	21.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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		20.6		0	21.1		21.4		0	21.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	20.5	20.4	20.5	0	21.1	21.3	21.3	21.1	0	21.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	20.5	20.5	20.5	0	21.1	21.1	21.3	21.1	0	21.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	20.3	20.3	20.3	0	21.1	20.9	21.1	20.9	0	21.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	20.4	20.2	20.5	0	21.1	20.8	21.2	20.9	0	21.7

NR Band 26 Measured Results (ANT1)

BW (MHz)	OFDM Modulation Scheme	SCS (KHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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		25.6		0	25.7		25.6		0	25.7
				1	53		25.7		0	25.7		25.7		0	25.7
				1	104		25.5		0	25.7		25.5		0	25.7
				50	28		25.5		0	25.7		25.5		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		25.5		0	25.7		25.5		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	Mode A (dBm)				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	25.6	25.6	25.6	0	25.7	25.6	25.6	25.6	0	25.7
BW (MHz)	OFDM Modulation Scheme	SCS (KHz)	Mode	RB Allocation	RB offset	Mode A (dBm)				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	25.5	25.5	25.4	0	25.7	25.5	25.5	25.4	0	25.7
BW (MHz)	OFDM Modulation Scheme	SCS (KHz)	Mode	RB Allocation	RB offset	Mode A (dBm)				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	25.5	25.6	0	25.7	25.5	25.5	25.6	0	25.7

NR Band 26 Measured Results (ANT2)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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				0	24.5				0	24.7
				1	53				0	24.5				0	24.7
				1	104				0	24.5				0	24.7
				50	28				0	24.5				0	24.7
			QPSK	1	1				0	24.5				0	24.7
				1	53				0	24.5				0	24.7
				1	104				0	24.5				0	24.7
				50	28				0	24.5				0	24.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	24.2	24.4	24.2	0	24.5	24.5	24.4	24.4	0	24.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	24.0	24.2	24.1	0	24.5	24.4	24.4	24.3	0	24.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	24.2	24.2	24.0	0	24.5	24.4	24.3	24.2	0	24.7

NR Band 26 Measured Results (ANT3)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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				0	25.4				0	25.3
				1	53				0	25.4				0	25.3
				1	104				0	25.4				0	25.3
				50	28				0	25.4				0	25.3
			QPSK	1	1				0	25.4				0	25.3
				1	53				0	25.4				0	25.3
				1	104				0	25.4				0	25.3
				50	28				0	25.4				0	25.3
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	25.1	25.2	25.1	0	25.4	25.2	25.1	25.1	0	25.3
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	25.0	25.0	24.9	0	25.4	25.0	24.9	24.9	0	25.3
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	25.0	25.0	25.0	0	25.4	25.1	25.0	24.9	0	25.3

NR Band 30 Measured Results (ANT1)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	1		25.0		0	25.2		23.8		0	24.3
				1	26		25.2		0	25.2		23.9		0	24.3
				1	50		25.0		0	25.2		23.6		0	24.3
				25	14		25.1		0	25.2		23.9		0	24.3
			QPSK	1	1		25.1		0	25.2		23.7		0	24.3
				1	26		25.2		0	25.2		23.9		0	24.3
				1	50		25.2		0	25.2		23.8		0	24.3
				25	14		25.1		0	25.2		23.9		0	24.3
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	12		25.1		0	25.2		23.8		0	24.3

NR Band 30 Measured Results (ANT2)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	1		21.6		0	22.3		22.3		0	23
				1	26		21.6		0	22.3		22.3		0	23
				1	50		21.5		0	22.3		22.3		0	23
				25	14		21.4		0	22.3		22.2		0	23
			QPSK	1	1		21.4		0	22.3		22.3		0	23
				1	26		21.7		0	22.3		22.1		0	23
				1	50		21.6		0	22.3		22.3		0	23
				25	14		21.5		0	22.3		22.2		0	23
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	12		21.6		0	22.3		22.3		0	23

NR Band 30 Measured Results (ANT3)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	1		21.9		0	22.3		19.1		0	20.2
				1	26		22.0		0	22.3		19.1		0	20.2
				1	50		22.0		0	22.3		19.1		0	20.2
				25	14		22.0		0	22.3		19.1		0	20.2
			QPSK	1	1		22.2		0	22.3		19.3		0	20.2
				1	26		22.3		0	22.3		19.3		0	20.2
				1	50		21.9		0	22.3		19.3		0	20.2
				25	14		22.0		0	22.3		19.2		0	20.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	12		22.1		0	22.3		19.3		0	20.2

NR Band 30 Measured Results (ANT4)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	1		21.0		0	21.5		18.8		0	20
				1	26		21.2		0	21.5		19.2		0	20
				1	50		21.0		0	21.5		18.8		0	20
				25	14		21.1		0	21.5		19.0		0	20
			QPSK	1	1		21.0		0	21.5		18.8		0	20
				1	26		21.4		0	21.5		18.8		0	20
				1	50		21.0		0	21.5		18.9		0	20
				25	14		21.2		0	21.5		19.1		0	20
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	12		21.0		0	21.5		18.9		0	20

NR Band 41 Measured Results (ANT1)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)								Mode B (dBm)											
						509196 2545.98 MHz	510000 2550 MHz	513894 2569.47 MHz	518598 2592.99 MHz	523296 2616.48 MHz	527994 2639.97 MHz	MPR	Max Output Pwr	509196 2545.98 MHz	510000 2550 MHz	513894 2569.47 MHz	518598 2592.99 MHz	523296 2616.48 MHz	527994 2639.97 MHz	MPR	Max Output Pwr				
100	DFT-s	30	11/2 BPSK	1	1				24.3			0	24.5				20.3			0	20.8				
					136				24.5			0	24.5				20.3			0	20.8				
					271				24.5			0	24.5				20.2			0	20.8				
					135	69			24.5			0	24.5				20.2			0	20.8				
					1	1			24.4			0	24.5				20.1			0	20.8				
			QPSK	1	136				24.5			0	24.5				20.0			0	20.8				
					271				24.5			0	24.5				20.2			0	20.8				
					135	69			24.5			0	24.5				20.1			0	20.8				
					1	1			24.5			0	24.5				20.2			0	20.8				
					135	69			24.5			0	24.5				20.1			0	20.8				
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)								MPR	Max Output Pwr	Mode B (dBm)								MPR	Max Output Pwr
90	DFT-s	30	11/2 BPSK	1	122				24.5			0	24.5				20.1			0	20.8				
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)								MPR	Max Output Pwr	Mode B (dBm)								MPR	Max Output Pwr
80	DFT-s	30	11/2 BPSK	1	108				24.5			0	24.5				20.2			0	20.8				
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)								MPR	Max Output Pwr	Mode B (dBm)								MPR	Max Output Pwr
70	DFT-s	30	11/2 BPSK	1	94				24.5			0	24.5				20.2			0	20.8				
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)								MPR	Max Output Pwr	Mode B (dBm)								MPR	Max Output Pwr
60	DFT-s	30	11/2 BPSK	1	81				24.5			0	24.5				20.2			0	20.8				
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)								MPR	Max Output Pwr	Mode B (dBm)								MPR	Max Output Pwr
50	DFT-s	30	11/2 BPSK	1	66				24.5			0	24.5				20.3			0	20.8				
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)								MPR	Max Output Pwr	Mode B (dBm)								MPR	Max Output Pwr
40	DFT-s	30	11/2 BPSK	1	53				24.5			0	24.5				20.2			0	20.8				
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)								MPR	Max Output Pwr	Mode B (dBm)								MPR	Max Output Pwr
30	DFT-s	30	11/2 BPSK	1	39				24.5			0	24.5				20.2			0	20.8				
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)								MPR	Max Output Pwr	Mode B (dBm)								MPR	Max Output Pwr
20	DFT-s	30	11/2 BPSK	1	25				24.1			0	24.5				20.3			0	20.8				
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)								MPR	Max Output Pwr	Mode B (dBm)								MPR	Max Output Pwr
15	DFT-s	30	11/2 BPSK	1	19				24.5			0	24.5				20.1			0	20.8				
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)								MPR	Max Output Pwr	Mode B (dBm)								MPR	Max Output Pwr
10	DFT-s	30	11/2 BPSK	1	12				24.2			0	24.5				20.2			0	20.8				

NR Band 41 Measured Results (ANT2)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)								Mode B (dBm)							
						509196 2545.98 MHz	510000 2550 MHz	513894 2569.47 MHz	518598 2592.99 MHz	523296 2616.48 MHz	527994 2639.97 MHz	MPR	Max Output Pwr	509196 2545.98 MHz	510000 2550 MHz	513894 2569.47 MHz	518598 2592.99 MHz	523296 2616.48 MHz	527994 2639.97 MHz	MPR	Max Output Pwr
100	DFT-s	30	11/2 BPSK	1	1				17.7			0	18.5				18.7			0	19.5
					136				17.7			0	18.5				18.8			0	19.5
					271				17.7			0	18.5				18.8			0	19.5
					135	69			17.7			0	18.5				18.6			0	19.5
					1	1			17.6			0	18.5				18.6			0	19.5
			QPSK	1	136				17.7			0	18.5				18.7			0	19.5
					271				17.6			0	18.5				18.7			0	19.5
					135	69			17.7			0	18.5				18.5			0	19.5
					1				17.7			0	18.5				18.5			0	19.5
					135				17.7			0	18.5				18.5			0	19.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)								Mode B (dBm)							
						508200 2541 MHz	508998 2544.99 MHz	513396 2566.98 MHz	518598 2592.99 MHz	523794 2618.97 MHz	528996 2644.98 MHz	MPR	Max Output Pwr	508200 2541 MHz	508998 2544.99 MHz	513396 2566.98 MHz	518598 2592.99 MHz	523794 2618.97 MHz	528996 2644.98 MHz	MPR	Max Output Pwr
90	DFT-s	30	11/2 BPSK	1	122				17.8			0	18.5				18.9			0	19.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)								Mode B (dBm)							
						507198 2535.99 MHz	507996 2539.98 MHz	512898 2564.49 MHz	518598 2592.99 MHz	524292 2621.46 MHz	529992 2649.96 MHz	MPR	Max Output Pwr	507198 2535.99 MHz	507996 2539.98 MHz	512898 2564.49 MHz	518598 2592.99 MHz	524292 2621.46 MHz	529992 2649.96 MHz	MPR	Max Output Pwr
80	DFT-s	30	11/2 BPSK	1	108				17.8			0	18.5				18.9			0	19.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)								Mode B (dBm)							
						506196 2530.98 MHz	507000 2535 MHz	512394 2561.97 MHz	518598 2592.99 MHz	524796 2623.98 MHz	530994 2654.97 MHz	MPR	Max Output Pwr	506196 2530.98 MHz	507000 2535 MHz	512394 2561.97 MHz	518598 2592.99 MHz	524796 2623.98 MHz	530994 2654.97 MHz	MPR	Max Output Pwr
70	DFT-s	30	11/2 BPSK	1	94				17.7			0	18.5				18.9			0	19.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)								Mode B (dBm)							
						505200 2526 MHz	505998 2529.99 MHz	511896 2559.48 MHz	518598 2592.99 MHz	525294 2626.47 MHz	531996 2659.98 MHz	MPR	Max Output Pwr	505200 2526 MHz	505998 2529.99 MHz	511896 2559.48 MHz	518598 2592.99 MHz	525294 2626.47 MHz	531996 2659.98 MHz	MPR	Max Output Pwr
60	DFT-s	30	11/2 BPSK	1	81				17.9			0	18.5				18.9			0	19.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)								Mode B (dBm)							
						504198 2520.99 MHz	504996 2524.98 MHz	511398 2556.99 MHz	518598 2592.99 MHz	525792 2628.96 MHz	532992 2664.96 MHz	MPR	Max Output Pwr	504198 2520.99 MHz	504996 2524.98 MHz	511398 2556.99 MHz	518598 2592.99 MHz	525792 2628.96 MHz	532992 2664.96 MHz	MPR	Max Output Pwr
50	DFT-s	30	11/2 BPSK	1	66				17.9			0	18.5				19.0			0	19.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)								Mode B (dBm)							
						503196 2515.98 MHz	504000 2520 MHz	510894 2554.47 MHz	518598 2592.99 MHz	526296 2631.48 MHz	533994 2669.97 MHz	MPR	Max Output Pwr	503196 2515.98 MHz	504000 2520 MHz	510894 2554.47 MHz	518598 2592.99 MHz	526296 2631.48 MHz	533994 2669.97 MHz	MPR	Max Output Pwr
40	DFT-s	30	11/2 BPSK	1	53				17.8			0	18.5				19.0			0	19.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)								Mode B (dBm)							
						502200 2511 MHz	502998 2514.99 MHz	510396 2551.98 MHz	518598 2592.99 MHz	526794 2633.97 MHz	534996 2674.98 MHz	MPR	Max Output Pwr	502200 2511 MHz	502998 2514.99 MHz	510396 2551.98 MHz	518598 2592.99 MHz	526794 2633.97 MHz	534996 2674.98 MHz	MPR	Max Output Pwr
30	DFT-s	30	11/2 BPSK	1	39	17.7	17.7	17.7	17.8	17.7	17.5	0	18.5	18.8	18.6	18.8	18.9	18.7	18.6	0	19.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)								Mode B (dBm)							
						501198 2505.99 MHz	501996 2509.98 MHz	508898 2549.49 MHz	518598 2592.99 MHz	527292 2636.46 MHz	535992 2679.96 MHz	MPR	Max Output Pwr	501198 2505.99 MHz	501996 2509.98 MHz	508898 2549.49 MHz	518598 2592.99 MHz	527292 2636.46 MHz	535992 2679.96 MHz	MPR	Max Output Pwr
20	DFT-s	30	11/2 BPSK	1	25	17.6	17.6	17.7	17.8	17.7	17.6	0	18.5	18.7	18.7	18.8	19.0	18.9	18.8	0	19.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)								Mode B (dBm)							
						500700 2503.5 MHz	501498 2507.49 MHz	509646 2548.23 MHz	518598 2592.99 MHz	527544 2637.72 MHz	536496 2682.48 MHz	MPR	Max Output Pwr	500700 2503.5 MHz	501498 2507.49 MHz	509646 2548.23 MHz	518598 2592.99 MHz	527544 2637.72 MHz	536496 2682.48 MHz	MPR	Max Output Pwr
15	DFT-s	30	11/2 BPSK	1	19	17.6	17.6	17.7	17.8	17.7	17.6	0	18.5	18.8	18.7	18.8	18.8	18.8	18.8	0	19.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)								Mode B (dBm)							
						500196 2500.98 MHz	501000 2505 MHz	509394 2546.97 MHz	518598 2592.99 MHz	527796 2638.98 MHz	536994 2684.97 MHz	MPR	Max Output Pwr	500196 2500.98 MHz	501000 2505 MHz	509394 2546.97 MHz	518598 2592.99 MHz	527796 2638.98 MHz	536994 2684.97 MHz	MPR	Max Output Pwr
10	DFT-s	30	11/2 BPSK	1	12	17.5	17.5	17.6	17.8	17.7	17.6	0	18.5	18.6	18.6	18.7	18.9	18.7	18.7	0	19.5

NR Band 41 Measured Results (ANT4)

[illegible]

NR Band 48 Measured Results (ANT7)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)						Mode B (dBm)					
						638000	640444	642888	645332	MPR	Max Output Pwr	638000	640444	642888	645332	MPR	Max Output Pwr
40	DFT-s	30	$\pi/2$ BPSK	1	1	3570 MHz	3606.66 MHz	3643.32 MHz	3679.98 MHz	0	23.0	3570 MHz	3606.66 MHz	3643.32 MHz	3679.98 MHz	0	20.8
				1	53			22.6		0	23.0			20.2		0	20.8
				1	104			22.7		0	23.0			20.2		0	20.8
				50	28			22.3		0	23.0			20.0		0	20.8
			QPSK	1	1			22.8		0	23.0			20.4		0	20.8
				1	53			22.5		0	23.0			20.4		0	20.8
				1	104			22.5		0	23.0			20.2		0	20.8
				50	28			22.4		0	23.0			20.2		0	20.8
30	DFT-s	30	$\pi/2$ BPSK	1	39	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	0	23.0	3565.02 MHz	3605.01 MHz	3645 MHz	3684.99 MHz	0	20.8
20	DFT-s	30	$\pi/2$ BPSK	1	25	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	0	23.0	3560.01 MHz	3603.33 MHz	3646.65 MHz	3689.97 MHz	0	20.8
15	DFT-s	30	$\pi/2$ BPSK	1	19	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	0	23.0	3557.52 MHz	3602.49 MHz	3647.49 MHz	3692.49 MHz	0	20.8
10	DFT-s	30	$\pi/2$ BPSK	1	12	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	0	23.0	3555 MHz	3601.65 MHz	3648.33 MHz	3694.98 MHz	0	20.8

NR Band 48 Measured Results (ANT8)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)						Mode B (dBm)					
						638000	640444	642888	645332	MPR	Max Output Pwr	638000	640444	642888	645332	MPR	Max Output Pwr
40	DFT-s	30	$\pi/2$ BPSK	1	1	3570 MHz	3606.66 MHz	3643.32 MHz	3679.98 MHz	0	18.4	3570 MHz	3606.66 MHz	3643.32 MHz	3679.98 MHz	0	18.9
				1	53			18.3		0	18.4			18.6		0	18.9
				1	104			18.2		0	18.4			18.6		0	18.9
				50	28			18.3		0	18.4			18.6		0	18.9
			QPSK	1	1			18.3		0	18.4			18.6		0	18.9
				1	53			18.2		0	18.4			18.5		0	18.9
				1	104			18.2		0	18.4			18.5		0	18.9
				50	28			18.1		0	18.4			18.4		0	18.9
30	DFT-s	30	$\pi/2$ BPSK	1	39	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	0	18.4	3565.02 MHz	3605.01 MHz	3645 MHz	3684.99 MHz	0	18.9
20	DFT-s	30	$\pi/2$ BPSK	1	25	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	0	18.4	3560.01 MHz	3603.33 MHz	3646.65 MHz	3689.97 MHz	0	18.9
15	DFT-s	30	$\pi/2$ BPSK	1	19	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	0	18.4	3557.52 MHz	3602.49 MHz	3647.49 MHz	3692.49 MHz	0	18.9
10	DFT-s	30	$\pi/2$ BPSK	1	12	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	0	18.4	3555 MHz	3601.65 MHz	3648.33 MHz	3694.98 MHz	0	18.9

NR Band 48 Measured Results (ANT9)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)						Mode B (dBm)					
						638000	640444	642888	645332	MPR	Max Output Pwr	638000	640444	642888	645332	MPR	Max Output Pwr
40	DFT-s	30	$\pi/2$ BPSK	1	1	3570 MHz	3606.66 MHz	3643.32 MHz	3679.98 MHz	0	21.5	3570 MHz	3606.66 MHz	3643.32 MHz	3679.98 MHz	0	18.9
				1	53			20.8		0	21.5			18.6		0	18.9
				1	104			20.9		0	21.5			18.6		0	18.9
				50	28			20.9		0	21.5			18.6		0	18.9
			QPSK	1	1			20.8		0	21.5			18.6		0	18.9
				1	53			20.9		0	21.5			18.5		0	18.9
				1	104			20.9		0	21.5			18.8		0	18.9
				50	28			20.8		0	21.5			18.7		0	18.9
30	DFT-s	30	$\pi/2$ BPSK	1	39	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	0	21.5	3565.02 MHz	3605.01 MHz	3645 MHz	3684.99 MHz	0	18.9
20	DFT-s	30	$\pi/2$ BPSK	1	25	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	0	21.5	3560.01 MHz	3603.33 MHz	3646.65 MHz	3689.97 MHz	0	18.9
15	DFT-s	30	$\pi/2$ BPSK	1	19	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	0	21.5	3557.52 MHz	3602.49 MHz	3647.49 MHz	3692.49 MHz	0	18.9
10	DFT-s	30	$\pi/2$ BPSK	1	12	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	0	21.5	3555 MHz	3601.65 MHz	3648.33 MHz	3694.98 MHz	0	18.9

NR Band 48 Measured Results (ANT4)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)						Mode B (dBm)					
						638000	640444	642888	645332	MPR	Max Output Pwr	638000	640444	642888	645332	MPR	Max Output Pwr
40	DFT-s	30	$\pi/2$ BPSK	1	1	3570 MHz	3606.66 MHz	3643.32 MHz	3679.98 MHz	0	21.2	3570 MHz	3606.66 MHz	3643.32 MHz	3679.98 MHz	0	19.6
				1	53			20.6		0	21.2			18.9		0	19.6
				1	104			20.6		0	21.2			18.9		0	19.6
				50	28			20.6		0	21.2			19.0		0	19.6
			QPSK	1	1			20.6		0	21.2			18.9		0	19.6
				1	53			20.6		0	21.2			18.8		0	19.6
				1	104			20.6		0	21.2			18.9		0	19.6
				50	28			20.6		0	21.2			18.9		0	19.6
30	DFT-s	30	$\pi/2$ BPSK	1	39	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	0	21.2	3565.02 MHz	3605.01 MHz	3645 MHz	3684.99 MHz	0	19.6
20	DFT-s	30	$\pi/2$ BPSK	1	25	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	0	21.2	3560.01 MHz	3603.33 MHz	3646.65 MHz	3689.97 MHz	0	19.6
15	DFT-s	30	$\pi/2$ BPSK	1	19	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	0	21.2	3557.52 MHz	3602.49 MHz	3647.49 MHz	3692.49 MHz	0	19.6
10	DFT-s	30	$\pi/2$ BPSK	1	12	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	0	21.2	3555 MHz	3601.65 MHz	3648.33 MHz	3694.98 MHz	0	19.6

NR Band 53 Measured Results (ANT1)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)						Mode B (dBm)					
						497700	497840	498000	MPR	Max Output Pwr	497700	497840	498000	MPR	Max Output Pwr	497700	497840
10	DFT-s	30	$\pi/2$ BPSK	1	1	2488.5 MHz	2489.2 MHz	2490 MHz	0	18.7	2488.5 MHz	2489.2 MHz	2490 MHz	0	18.7	2488.5 MHz	2489.2 MHz
				1	12			18.5	0	18.7			18.5	0	18.7		
				1	22			18.5	0	18.7			18.5	0	18.7		
				12	6			18.5	0	18.7			18.5	0	18.7		
			QPSK	1	1			18.5	0	18.7			18.5	0	18.7		
				1	12			18.5	0	18.7			18.5	0	18.7		
				1	22			18.5	0	18.7			18.5	0	18.7		
				12	6			18.5	0	18.7			18.5	0	18.7		

NR Band 53 Measured Results (ANT2)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)						Mode B (dBm)					
						497700	497840	498000	MPR	Max Output Pwr	497700	497840	498000	MPR	Max Output Pwr	497700	497840
10	DFT-s	30	$\pi/2$ BPSK	1	1	2488.5 MHz	2489.2 MHz	2490 MHz	0	19	2488.5 MHz	2489.2 MHz	2490 MHz	0	19.6	2488.5 MHz	2489.2 MHz
				1	12			18.8	0	19			18.4	0	19.6		
				1	22			18.8	0	19			18.4	0	19.6		
				12	6			18.8	0	19			18.5	0	19.6		
			QPSK	1	1			18.9	0	19			18.6	0	19.6		
				1	12			18.9	0	19			18.5	0	19.6		
				1	22			18.9	0	19			18.6	0	19.6		
				12	6			18.8	0	19			18.5	0	19.6		

NR Band 66 Measured Results (ANT1)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	1		25.3		0	25.3		18.6		0	19.4
				1	108		25.3		0	25.3		18.6		0	19.4
				1	214		25.3		0	25.3		18.3		0	19.4
				108	54		25.3		0	25.3		18.7		0	19.4
			QPSK	1	1		25.3		0	25.3		18.7		0	19.4
				1	108		25.3		0	25.3		18.6		0	19.4
				1	214		25.3		0	25.3		18.7		0	19.4
				108	54		25.3		0	25.3		18.6		0	19.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	94		25.3		0	25.3		18.6		0	19.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	80		25.3		0	25.3		18.6		0	19.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	66		25.2		0	25.3		18.6		0	19.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	53	25.2	25.2	25.2	0	25.3	19.0	19.0	18.8	0	19.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	39	25.2	25.2	25.2	0	25.3	18.8	19.0	18.8	0	19.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	26	25.2	25.2	25.3	0	25.3	18.8	18.9	18.7	0	19.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	12	25.2	25.3	25.2	0	25.3	18.9	18.8	18.7	0	19.4

NR Band 66 Measured Results (ANT2)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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		18.8		0	20		18.6		0	19.7
				1	108		18.9		0	20		18.7		0	19.7
				1	214		18.8		0	20		18.4		0	19.7
				108	54		18.9		0	20		18.6		0	19.7
			QPSK	1	1		18.9		0	20		18.6		0	19.7
				1	108		18.7		0	20		18.6		0	19.7
				1	214		18.4		0	20		18.4		0	19.7
				108	54		18.6		0	20		18.7		0	19.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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		18.7		0	20		18.9		0	19.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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		18.6		0	20		18.7		0	19.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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		18.6		0	20		18.6		0	19.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	18.8	18.5	18.5	0	20	18.5	18.5	18.6	0	19.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	18.8	18.5	18.4	0	20	18.4	18.4	18.5	0	19.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	18.7	18.6	18.4	0	20	18.4	18.3	18.4	0	19.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	18.6	18.5	18.6	0	20	18.3	18.3	18.4	0	19.7

NR Band 66 Measured Results (ANT3)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	1		22.5		0	22.8		21.5		0	22.5
				1	108		22.8		0	22.8		22.2		0	22.5
				1	214		22.6		0	22.8		21.6		0	22.5
				108	54		22.8		0	22.8		22.3		0	22.5
			QPSK	1	1		22.5		0	22.8		21.6		0	22.5
				1	108		22.8		0	22.8		22.3		0	22.5
				1	214		22.6		0	22.8		21.6		0	22.5
				108	54		22.8		0	22.8		22.3		0	22.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	94		22.7		0	22.8		21.7		0	22.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	80		22.7		0	22.8		21.7		0	22.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	66		22.8		0	22.8		21.7		0	22.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	53	22.5	22.7	22.7	0	22.8	21.6	21.8	21.7	0	22.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	39	22.7	22.6	22.7	0	22.8	21.7	21.6	21.7	0	22.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	26	22.5	22.6	22.7	0	22.8	21.5	21.7	21.7	0	22.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	12	22.6	22.7	22.6	0	22.8	21.6	21.7	21.4	0	22.5

NR Band 66 Measured Results (ANT4)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	21		21.3		0	22.4
				1	108		20.0		0	21		21.4		0	22.4
				1	214		19.8		0	21		21.2		0	22.4
				108	54		19.9		0	21		21.4		0	22.4
			QPSK	1	1		20.0		0	21		21.2		0	22.4
				1	108		19.8		0	21		21.5		0	22.4
				1	214		19.7		0	21		21.2		0	22.4
				108	54		20.0		0	21		21.5		0	22.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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		19.7		0	21		20.9		0	22.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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		19.6		0	21		20.9		0	22.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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		19.6		0	21		21.1		0	22.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	20.0	19.7	19.6	0	21	21.7	21.1	21.2	0	22.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	19.7	19.6	0	21	21.5	21.2	21.2	0	22.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	19.8	19.5	19.7	0	21	21.5	21.1	20.9	0	22.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	19.6	19.6	0	21	21.6	21.1	21.2	0	22.4

NR Band 70 Measured Results (ANT1)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	1		25.3		0	25.3		18.7		0	19.9
				1	39		25.3		0	25.3		18.8		0	19.9
				1	77		25.3		0	25.3		18.7		0	19.9
				36	22		25.3		0	25.3		18.6		0	19.9
			QPSK	1	1		25.3		0	25.3		18.7		0	19.9
				1	39		25.3		0	25.3		18.7		0	19.9
				1	77		25.3		0	25.3		18.6		0	19.9
				36	22		25.3		0	25.3		18.5		0	19.9
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	26		25.3		0	25.3		18.6		0	19.9
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	12	25.3	25.3	25.3	0	25.3	18.5	18.5	18.5	0	19.9

NR Band 70 Measured Results (ANT2)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	1		20.9		0	21		19.8		0	20.6
				1	39		20.9		0	21		19.9		0	20.6
				1	77		20.8		0	21		19.7		0	20.6
				36	22		20.8		0	21		19.8		0	20.6
			QPSK	1	1		21.0		0	21		19.8		0	20.6
				1	39		21.0		0	21		19.7		0	20.6
				1	77		21.0		0	21		19.8		0	20.6
				36	22		20.8		0	21		19.6		0	20.6
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	26		21.0		0	21		19.6		0	20.6
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	12	21.0	21.0	21.0	0	21	19.4	19.2	19.4	0	20.6

NR Band 70 Measured Results (ANT3)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	1		22.8		0	22.8		21.8		0	23.5
				1	39		22.8		0	22.8		22.2		0	23.5
				1	77		22.8		0	22.8		21.7		0	23.5
				36	22		22.8		0	22.8		22.0		0	23.5
			QPSK	1	1		22.8		0	22.8		21.8		0	23.5
				1	39		22.8		0	22.8		22.1		0	23.5
				1	77		22.7		0	22.8		21.9		0	23.5
				36	22		22.8		0	22.8		22.1		0	23.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	26		22.6		0	22.8		21.6		0	23.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	12	22.6	22.7	22.7	0	22.8	21.7	21.6	21.6	0	23.5

NR Band 70 Measured Results (ANT4)

ΔF_{Raster}	N Step Size	BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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		
100	20	15	DFT-s	15	$\pi/2$ BPSK	1	1		21.3		0	22.5		22.4		0	23.1
						1	39		21.3		0	22.5		22.4		0	23.1
						1	77		21.3		0	22.5		22.4		0	23.1
						36	22		21.2		0	22.5		22.4		0	23.1
					QPSK	1	1		21.4		0	22.5		22.5		0	23.1
						1	39		21.4		0	22.5		22.4		0	23.1
						1	77		21.3		0	22.5		22.4		0	23.1
						36	22		21.3		0	22.5		22.4		0	23.1
ΔF_{Raster}	N Step Size	BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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		
100	20	10	DFT-s	15	$\pi/2$ BPSK	1	26		21.3		0	22.5		22.3		0	23.1
ΔF_{Raster}	N Step Size	BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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		
100	20	5	DFT-s	15	$\pi/2$ BPSK	1	12	21.3	21.5	21.3	0	22.5	22.2	22.5	22.3	0	23.1

NR Band 71 Measured Results (ANT1)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	1		25.2		0	25.7		25.4		0	25.7
				1	53		25.7		0	25.7		25.7		0	25.7
				1	104		25.7		0	25.7		25.7		0	25.7
				50	28		25.5		0	25.7		25.5		0	25.7
			QPSK	1	1		25.5		0	25.7		25.4		0	25.7
				1	53		25.7		0	25.7		25.7		0	25.7
				1	104		25.7		0	25.7		25.7		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	Mode A (dBm)					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	$\pi/2$ BPSK	1	39		25.7		0	25.7		25.7		0	25.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	26	25.3	25.5	25.5	0	25.7	25.6	25.5	25.5	0	25.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	12	25.5	25.7	25.5	0	25.7	25.4	25.7	25.5	0	25.7

NR Band 71 Measured Results (ANT2)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	1		24.5		0	24.7		24.5		0	24.7
				1	53		24.5		0	24.7		24.5		0	24.7
				1	104		24.4		0	24.7		24.4		0	24.7
				50	28		24.3		0	24.7		24.3		0	24.7
			QPSK	1	1		24.5		0	24.7		24.5		0	24.7
				1	53		24.4		0	24.7		24.4		0	24.7
				1	104		24.5		0	24.7		24.5		0	24.7
				50	28		24.4		0	24.7		24.4		0	24.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	39		24.5		0	24.7		24.5		0	24.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	26	24.2	24.5	24.5	0	24.7	24.2	24.5	24.5	0	24.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	12	24.5	24.4	24.3	0	24.7	24.5	24.4	24.3	0	24.7

NR Band 71 Measured Results (ANT3)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ 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		25.1		0	25.4		25.1		0	25.4
				50	28		25.1		0	25.4		25.1		0	25.4
			QPSK	1	1		25.2		0	25.4		25.2		0	25.4
				1	53		25.1		0	25.4		25.1		0	25.4
				1	104		25.3		0	25.4		25.3		0	25.4
				50	28		25.1		0	25.4		25.1		0	25.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ 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	Mode A (dBm)					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	$\pi/2$ BPSK	1	26	25.1	25.2	25.2	0	25.4	25.1	25.2	25.2	0	25.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	12	25.1	25.2	25.0	0	25.4	25.1	25.2	25.0	0	25.4

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

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					Mode B (dBm)				
						633332	633332	633332	MPR	Max Output Pwr	633332	633332	633332	MPR	Max Output Pwr
100	DFT-s	30	$\pi/2$ BPSK	1	1	3499.98 MHz	22.3	3499.98 MHz	0	22.8	3499.98 MHz	19.9	3499.98 MHz	0	20.8
				1	136		22.3		0	22.8		19.9		0	20.8
				1	271		22.2		0	22.8		19.8		0	20.8
				135	69		22.3		0	22.8		19.9		0	20.8
			QPSK	1	1		22.7		0	22.8		19.9		0	20.8
				1	136		22.4		0	22.8		19.8		0	20.8
				1	271		22.8		0	22.8		19.8		0	20.8
				135	69		22.4		0	22.8		20.1		0	20.8
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					Mode B (dBm)				
						633000	633332	633666	MPR	Max Output Pwr	633000	633332	633666	MPR	Max Output Pwr
90	DFT-s	30	$\pi/2$ BPSK	1	122	3495 MHz	3499.98 MHz	3504.99 MHz	0	22.8	3495 MHz	3499.98 MHz	3504.99 MHz	0	20.8
80	DFT-s	30	$\pi/2$ BPSK	1	108	Mode A (dBm)					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	0	22.8	3489.99 MHz	3499.98 MHz	3510 MHz	0	20.8
70	DFT-s	30	$\pi/2$ BPSK	1	94	Mode A (dBm)					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	0	22.8	3484.98 MHz	3499.98 MHz	3514.98 MHz	0	20.8
60	DFT-s	30	$\pi/2$ BPSK	1	81	Mode A (dBm)					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	0	22.8	3480 MHz	3499.98 MHz	3519.99 MHz	0	20.8
50	DFT-s	30	$\pi/2$ BPSK	1	66	Mode A (dBm)					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	0	22.8	3474.99 MHz	3499.98 MHz	3525 MHz	0	20.8
40	DFT-s	30	$\pi/2$ BPSK	1	53	Mode A (dBm)					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	0	22.8	3469.98 MHz	3499.98 MHz	3529.98 MHz	0	20.8
30	DFT-s	30	$\pi/2$ BPSK	1	39	Mode A (dBm)					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	0	22.8	3465 MHz	3499.98 MHz	3534.99 MHz	0	20.8
20	DFT-s	30	$\pi/2$ BPSK	1	25	Mode A (dBm)					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	0	22.8	3459.99 MHz	3499.98 MHz	3540 MHz	0	20.8
15	DFT-s	30	$\pi/2$ BPSK	1	19	Mode A (dBm)					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	0	22.8	3457.5 MHz	3499.98 MHz	3542.49 MHz	0	20.8
10	DFT-s	30	$\pi/2$ BPSK	1	12	Mode A (dBm)					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	0	22.8	3454.98 MHz	3499.98 MHz	3544.98 MHz	0	20.8

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

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)							Mode B (dBm)												
						650000	652400	654800	657200	659600	662000	MPR	Max Output Pwr	650000	652400	654800	657200	659600	662000	MPR	Max Output Pwr				
100	DFT-s	30	11/2 BPSK	1	1																				
					1	136																			
					1	271																			
					1	69																			
					1	136																			
			QPSK	1	1	271																			
					1	136																			
					1	271																			
					1	136																			
					1	69																			
						Mode A (dBm)							Mode B (dBm)												
						649666 652200 654732 657266 659800 662332							649666 652200 654732 657266 659800 662332												
						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												
						22.4							20.0												
						0							0												
						22.8							19.9												
						22.1							19.9												
						22.1							19.9												
						22.3							19.9												
						22.1							19.9												
						22.3							19.9												
						22.0							19.9												
						22.2							19.9												
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						22.2							19.8												

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

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	1		17.9		0	18.7		17.7		0	18.1
				1	136		17.9		0	18.7		17.7		0	18.1
				1	271		17.9		0	18.7		17.7		0	18.1
				135	69		17.9		0	18.7		17.8		0	18.1
			QPSK	1	1		17.9		0	18.7		17.8		0	18.1
				1	136		17.9		0	18.7		17.6		0	18.1
				1	271		17.9		0	18.7		17.6		0	18.1
				135	69		17.9		0	18.7		17.7		0	18.1
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	122		17.9		0	18.7		17.7		0	18.1
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	108		17.9		0	18.7		17.6		0	18.1
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	94		17.9		0	18.7		17.7		0	18.1
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	81		17.9		0	18.7		17.5		0	18.1
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	66		17.9		0	18.7		17.7		0	18.1
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	53		18.0		0	18.7		17.7		0	18.1
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	39		17.9	17.8	0	18.7		17.6	17.6	0	18.1
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	25		17.9	17.9	0	18.7		17.5	17.5	0	18.1
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	19		17.9	17.8	0	18.7		17.7	17.6	0	18.1
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	12		17.9	17.9	0	18.7		17.6	17.7	0	18.1

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

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)							Mode B (dBm)								
						650000	652400	654800	657200	659600	662000	MPR	Max Output Pwr	650000	652400	654800	657200	659600	662000	MPR	Max Output Pwr
100	DFT-s	30	11/2 BPSK	1	1				18.3			0	18.7				17.9			0	18.1
				1	136				18.4			0	18.7				17.9			0	18.1
				1	271				18.2			0	18.7				17.9			0	18.1
				135	69				18.4			0	18.7				18.0			0	18.1
				1	1				18.2			0	18.7				18.1			0	18.1
			QPSK	1	136				18.3			0	18.7				17.9			0	18.1
				1	271				18.4			0	18.7				18.1			0	18.1
				135	69				18.4			0	18.7				18.0			0	18.1
				135	69				18.2			0	18.7				18.0			0	18.1
				135	69				18.2			0	18.7				18.0			0	18.1
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)							Mode B (dBm)								
						649666	652200	654732	657266	659800	662332	MPR	Max Output Pwr	649666	652200	654732	657266	659800	662332	MPR	Max Output Pwr
90	DFT-s	30	11/2 BPSK	1	122				18.4			0	18.7				17.9			0	18.1
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)							Mode B (dBm)								
						649332	652000	654666	657332	660000	662666	MPR	Max Output Pwr	649332	652000	654666	657332	660000	662666	MPR	Max Output Pwr
80	DFT-s	30	11/2 BPSK	1	108				18.3			0	18.7				17.8			0	18.1
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)							Mode B (dBm)								
						649000	651800	654600	657400	660200	663000	MPR	Max Output Pwr	649000	651800	654600	657400	660200	663000	MPR	Max Output Pwr
70	DFT-s	30	11/2 BPSK	1	94				18.4			0	18.7				18.1			0	18.1
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)							Mode B (dBm)								
						648666	651600	654532	657466	660400	663332	MPR	Max Output Pwr	648666	651600	654532	657466	660400	663332	MPR	Max Output Pwr
60	DFT-s	30	11/2 BPSK	1	81				18.3			0	18.7				18.0			0	18.1
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)							Mode B (dBm)								
						648332	651400	654466	657532	660600	663666	MPR	Max Output Pwr	648332	651400	654466	657532	660600	663666	MPR	Max Output Pwr
50	DFT-s	30	11/2 BPSK	1	66				18.4			0	18.7				17.9			0	18.1
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)							Mode B (dBm)								
						648000	651200	654400	657600	660800	664000	MPR	Max Output Pwr	648000	651200	654400	657600	660800	664000	MPR	Max Output Pwr
40	DFT-s	30	11/2 BPSK	1	53				18.2			0	18.7	18.1	18.1	17.9	17.8	17.9	18.0	0	18.1
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)							Mode B (dBm)								
						647666	651000	654332	657666	661000	664332	MPR	Max Output Pwr	647666	651000	654332	657666	661000	664332	MPR	Max Output Pwr
30	DFT-s	30	11/2 BPSK	1	39				18.3			0	18.7	17.9	17.8	17.8	17.8	17.9	18.0	0	18.1
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)							Mode B (dBm)								
						647332	650800	654266	657732	661200	664666	MPR	Max Output Pwr	647332	650800	654266	657732	661200	664666	MPR	Max Output Pwr
20	DFT-s	30	11/2 BPSK	1	25				18.4			0	18.7	18.0	18.1	17.8	18.1	17.9	17.8	0	18.1
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)							Mode B (dBm)								
						647166	650700	654232	657766	661300	664832	MPR	Max Output Pwr	647166	650700	654232	657766	661300	664832	MPR	Max Output Pwr
15	DFT-s	30	11/2 BPSK	1	19				18.2			0	18.7	17.9	17.8	17.9	18.0	18.1	18.0	0	18.1
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)							Mode B (dBm)								
						647000	650600	654200	657800	661400	665000	MPR	Max Output Pwr	647000	650600	654200	657800	661400	665000	MPR	Max Output Pwr
10	DFT-s	30	11/2 BPSK	1	12				18.3			0	18.7	18.1	17.9	18.1	17.9	17.9	18.1	0	18.1

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

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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				
100	DFT-s	30	π/2 BPSK	1	1		18.1		0	18.5		17.1		0	17.4	
				1	136		18.2		0	18.5		17.2		0	17.4	
				1	271		18.1		0	18.5		17.0		0	17.4	
				135	69		18.1		0	18.5		16.9		0	17.4	
			QPSK	1	1		18.1		0	18.5		17.1		0	17.4	
				1	136		18.1		0	18.5		17.1		0	17.4	
				1	271		18.1		0	18.5		17.0		0	17.4	
				135	69		18.1		0	18.5		16.9		0	17.4	
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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		18.0		0	18.5		17.1		0	17.4	
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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		18.0		0	18.5		16.9		0	17.4	
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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		17.8		0	18.5		17.1		0	17.4	
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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		17.9		0	18.5		17.0		0	17.4	
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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		17.9		0	18.5		17.1		0	17.4	
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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		18.1		0	18.5		17.0		0	17.4	
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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		18.0	18.1	18.0	0	18.5	16.9	17.0	16.9	0	17.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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		17.9	17.9	18.1	0	18.5	17.1	17.1	17.1	0	17.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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		17.8	18.1	17.9	0	18.5	17.1	16.9	16.9	0	17.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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		18.0	17.9	17.8	0	18.5	17.2	17.0	17.1	0	17.4

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)							MPR	Max Output Pwr	Mode B (dBm)							MPR	Max Output Pwr
						650000	652400	654800	657200	659600	662000	3750 MHz			3786 MHz	3822 MHz	3858 MHz	3894 MHz	3930 MHz	3750 MHz	3786 MHz		
100	DFT-s	30	1/2 BPSK	1	1								0	18.5								0	17.4
			QPSK	1	136								0	18.5								0	17.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)							MPR	Max Output Pwr	Mode B (dBm)							MPR	Max Output Pwr
						649666	652200	654732	657266	659800	662332	3744.99 MHz			3783 MHz	3820.98 MHz	3859.98 MHz	3897 MHz	3934.98 MHz	3744.99 MHz	3783 MHz		
90	DFT-s	30	1/2 BPSK	1	122								0	18.5								0	17.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)							MPR	Max Output Pwr	Mode B (dBm)							MPR	Max Output Pwr
						649332	652000	654666	657332	660000	662666	3739.98 MHz			3780 MHz	3819.99 MHz	3859.98 MHz	3890 MHz	3939.99 MHz	3739.98 MHz	3780 MHz		
80	DFT-s	30	1/2 BPSK	1	108								0	18.5								0	17.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)							MPR	Max Output Pwr	Mode B (dBm)							MPR	Max Output Pwr
						649000	651800	654600	657400	660200	663000	3735 MHz			3777 MHz	3819 MHz	3861 MHz	3903 MHz	3945 MHz	3735 MHz	3777 MHz		
70	DFT-s	30	1/2 BPSK	1	94								0	18.5								0	17.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)							MPR	Max Output Pwr	Mode B (dBm)							MPR	Max Output Pwr
						648666	651600	654532	657466	660400	663332	3729.99 MHz			3774 MHz	3817.98 MHz	3861.99 MHz	3906 MHz	3949.98 MHz	3729.99 MHz	3774 MHz		
60	DFT-s	30	1/2 BPSK	1	81								0	18.5								0	17.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)							MPR	Max Output Pwr	Mode B (dBm)							MPR	Max Output Pwr
						648332	651400	654466	657532	660600	663666	3724.98 MHz			3771 MHz	3816.99 MHz	3862.98 MHz	3909 MHz	3954.99 MHz	3724.98 MHz	3771 MHz		
50	DFT-s	30	1/2 BPSK	1	66								0	18.5								0	17.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)							MPR	Max Output Pwr	Mode B (dBm)							MPR	Max Output Pwr
						648000	651200	654400	657600	660800	664000	3720 MHz			3768 MHz	3816 MHz	3864 MHz	3912 MHz	3960 MHz	3720 MHz	3768 MHz		
40	DFT-s	30	1/2 BPSK	1	53	18.1	18.2	17.9	18.0	18.0	17.9	0	18.5	17.0	17.0	16.9	17.0	17.0	17.1	0	17.4		
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)							MPR	Max Output Pwr	Mode B (dBm)							MPR	Max Output Pwr
						647666	651000	654332	657666	661000	664332	3714.99 MHz			3765 MHz	3814.98 MHz	3864.99 MHz	3915 MHz	3964.98 MHz	3714.99 MHz	3765 MHz		
30	DFT-s	30	1/2 BPSK	1	39	18.1	17.9	17.9	17.9	17.9	18.0	0	18.5	17.2	17.2	17.1	17.0	17.1	17.2	0	17.4		
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode																				

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

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	1		20.4		0	21		19.1		0	19.9
				1	136		20.7		0	21		19.2		0	19.9
				1	271		20.5		0	21		19.1		0	19.9
				135	69		20.7		0	21		19.2		0	19.9
			QPSK	1	1		20.6		0	21		19.2		0	19.9
				1	136		20.6		0	21		19.2		0	19.9
				1	271		20.4		0	21		19.4		0	19.9
				135	69		20.6		0	21		19.3		0	19.9
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	122		20.3		0	21		19.4		0	19.9
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	108		20.3		0	21		19.3		0	19.9
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	94		20.6		0	21		19.2		0	19.9
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	81		20.4		0	21		19.3		0	19.9
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	66		20.3		0	21		19.2		0	19.9
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	53		20.3		0	21		19.2		0	19.9
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	39	20.5	20.3	20.3	0	21	19.4	19.2	19.1	0	19.9
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	25	20.4	20.5	20.4	0	21	19.3	19.2	19.4	0	19.9
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	19	20.5	20.4	20.6	0	21	19.2	19.4	19.3	0	19.9
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Mode A (dBm)					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	$\pi/2$ BPSK	1	12	20.4	20.5	20.5	0	21	19.2	19.4	19.4	0	19.9

BW (MHz)	OFDM Modulation Scheme	SCS (Hz)	Mode	RB Allocation	RB offset	Mode A (dBm)							Mode B (dBm)									
						65000	65240	65480	65720	65960	66200	MPR	Max Output Pwr	65000	65240	65480	65720	65960	66200	Max Output Pwr		
100	DFT-s	30	1/2 BPSK	1	1	3750 MHz	3786 MHz	3822 MHz	3858 MHz	3894 MHz	3930 MHz	0	21	3750 MHz	3786 MHz	3822 MHz	3858 MHz	3894 MHz	3930 MHz	0	19.9	
					1	1			20.5			0	21				19.4			0	19.9	
					1	136			20.6			0	21				19.5			0	19.9	
					1	271			20.4			0	21				19.3			0	19.9	
					136	69			20.4			0	21				19.5			0	19.9	
			QPSK		1	1			20.5			0	21				19.3			0	19.9	
					1	136			20.4			0	21				19.3			0	19.9	
					1	271			20.3			0	21				19.3			0	19.9	
					136	69			20.5			0	21				19.4			0	19.9	
90	DFT-s	30	1/2 BPSK	1	122	Mode A (dBm)							Mode B (dBm)									
					64966	65200	654732	657266	659800	662332	MPR	Max Output Pwr	64966	65200	654732	657266	659800	662332	MPR	Max Output Pwr		
					3744.99 MHz	3783 MHz	3820.98 MHz	3859.98 MHz	3897 MHz	3934.98 MHz	0	21	3744.99 MHz	3783 MHz	3820.98 MHz	3859.98 MHz	3897 MHz	3934.98 MHz	0	19.9		
								20.5			0	21				19.5			0	19.9		
					Mode B (dBm)							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	0	21	3739.98 MHz	3780 MHz	3819.99 MHz	3859.98 MHz	3900 MHz	3939.99 MHz	0	19.9		
								20.5			0	21				19.5			0	19.9		
					Mode A (dBm)							Mode B (dBm)										
					649000	651800	654600	657400	660200	663000	MPR	Max Output Pwr	649000	651800	654600	657400	660200	663000	MPR	Max Output Pwr		
70	DFT-s	30	1/2 BPSK	1	94	3735 MHz	3777 MHz	3819 MHz	3861 MHz													

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 RU42 (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 RU42 (2Tx, nonTXBF)	11ax HE20 RU106 (2Tx, nonTXBF)	11ax HE20 RU52 (2Tx, nonTXBF)	11ax HE20 RU26 (2Tx, nonTXBF)		
1	2412	20.5	18.0	17.8	17.5	18.0	17.8	17.5	17.0	16.5	16.0	16.0	16.0	16.0	13.5	17.5	17.0	16.5	16.0	15.5	15.0	15.0	15.0	15.0	13.5
2	2417	21.5	19.5	19.5	19.5	19.5	19.5	19.5	18.0	18.0	18.0	18.0	18.0	16.5	13.5	18.5	18.5	18.5	17.0	17.0	17.0	17.0	17.0	16.5	13.5
3	2422	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	20.0	20.0	20.0	19.0	19.0	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	21.0	21.0	21.0	21.0	21.0	21.0	21.5	21.5	21.5	21.5	19.5	16.5	13.5	19.5	19.5	19.5	18.5	18.5	18.5	18.5	16.5	13.5	
10	2457	21.5	19.5	19.5	19.5	19.5	19.5	19.5	18.0	18.0	18.0	18.0	16.5	13.5	18.5	18.5	18.5	17.0	17.0	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	13.5	
12	2467	20.5	16.0	15.8	15.5	16.0	15.8	15.5	15.0	14.5	14.0	14.0	14.0	14.0	13.5	15.0	14.5	14.0	14.0	13.5	13.0	13.0	13.0	13.0	13.0
13	2472	18.0	14.5	14.3	14.0	14.5	14.3	14.0	10.0	9.8	9.5	9.5	4.0	0.0	0.0	14.3	14.0	13.8	9.0	8.8	8.5	8.5	3.5	0.0	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	20.50	20.50	20.50	20.50	20.50	20.50	17.50	17.50	20.50	20.50	16.50	16.50
		2	2417	21.50	21.50	21.50	21.50	21.50	21.50	17.50	17.50	21.00	21.00	16.50	16.50
		3	2422	21.50	21.50	21.50	21.50	21.50	21.50	17.50	17.50	21.00	21.00	16.50	16.50
		4	2427	21.50	21.50	21.50	21.50	21.50	21.50	17.50	17.50	21.00	21.00	16.50	16.50
		5	2432	21.50	21.50	21.50	21.50	21.50	21.50	17.50	17.50	21.00	21.00	16.50	16.50
		6	2437	21.50	21.50	21.50	21.50	21.50	21.50	17.50	17.50	21.00	21.00	16.50	16.50
		7	2442	21.50	21.50	21.50	21.50	21.50	21.50	17.50	17.50	21.00	21.00	16.50	16.50
		8	2447	21.50	21.50	21.50	21.50	21.50	21.50	17.50	17.50	21.00	21.00	16.50	16.50
		9	2452	21.50	21.50	21.50	21.50	21.50	21.50	17.50	17.50	21.00	21.00	16.50	16.50
		10	2457	21.50	21.50	21.50	21.50	21.50	21.50	17.50	17.50	21.00	21.00	16.50	16.50
		11	2462	21.50	21.50	21.50	21.50	21.50	21.50	17.50	17.50	21.00	21.00	16.50	16.50
		12	2467	20.50	20.50	20.50	20.50	20.50	20.50	17.50	17.50	20.50	20.50	16.50	16.50
		13	2472	18.00	18.00	18.00	18.00	18.00	18.00	17.50	17.50	18.00	18.00	16.50	16.50
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	20.50	20.50	20.50	20.50	20.50	20.50	17.50	17.50	20.50	20.50	16.50	16.50
		2	2417	21.50	21.50	21.50	21.50	21.50	21.50	17.50	17.50	21.00	21.00	16.50	16.50
		3	2422	21.50	21.50	21.50	21.50	21.50	21.50	17.50	17.50	21.00	21.00	16.50	16.50
		4	2427	21.50	21.50	21.50	21.50	21.50	21.50	17.50	17.50	21.00	21.00	16.50	16.50
		5	2432	21.50	21.50	21.50	21.50	21.50	21.50	17.50	17.50	21.00	21.00	16.50	16.50
		6	2437	21.50	21.50	21.50	21.50	21.50	21.50	17.50	17.50	21.00	21.00	16.50	16.50
		7	2442	21.50	21.50	21.50	21.50	21.50	21.50	17.50	17.50	21.00	21.00	16.50	16.50
		8	2447	21.50	21.50	21.50	21.50	21.50	21.50	17.50	17.50	21.00	21.00	16.50	16.50
		9	2452	21.50	21.50	21.50	21.50	21.50	21.50	17.50	17.50	21.00	21.00	16.50	16.50
		10	2457	21.50	21.50	21.50	21.50	21.50	21.50	17.50	17.50	21.00	21.00	16.50	16.50
		11	2462	21.50	21.50	21.50	21.50	21.50	21.50	17.50	17.50	21.00	21.00	16.50	16.50
		12	2467	20.50	20.50	20.50	20.50	20.50	20.50	17.50	17.50	20.50	20.50	16.50	16.50
		13	2472	18.00	18.00	18.00	18.00	18.00	18.00	17.50	17.50	18.00	18.00	16.50	16.50

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	2	2417	20.60	21.50	Yes	2	2417	20.60	21.50	Yes
			6	2437	20.19	21.50		6	2437	20.19	21.50	
			11	2462	20.31	21.50		11	2462	20.31	21.50	
	ANT4	DSSS 802.11b	2	2417	20.85	21.50	Yes	2	2417	20.85	21.50	Yes
			6	2437	20.48	21.50		6	2437	20.48	21.50	
			11	2462	20.60	21.50		11	2462	20.60	21.50	
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	16.11	17.50	Yes	1	2412	16.11	17.50	Yes
			6	2437	15.97	17.50		6	2437	15.97	17.50	
			11	2462	16.26	17.50		11	2462	16.26	17.50	
	ANT4	DSSS 802.11b	1	2412	16.17	17.50	Yes	1	2412	16.17	17.50	Yes
			6	2437	16.44	17.50		6	2437	16.44	17.50	
			11	2462	16.52	17.50		11	2462	16.79	17.50	
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	2	2417	20.60	21.00	Yes	2	2417	20.60	21.00	Yes
			6	2437	20.19	21.00		6	2437	20.19	21.00	
			11	2462	20.31	21.00		11	2462	20.31	21.00	
	ANT4	DSSS 802.11b	2	2417	20.85	21.00	Yes	2	2417	20.85	21.00	Yes
			6	2437	20.48	21.00		6	2437	20.48	21.00	
			11	2462	20.60	21.00		11	2462	20.60	21.00	
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	16.11	16.50	Yes	1	2412	16.11	16.50	Yes
			6	2437	15.97	16.50		6	2437	15.97	16.50	
			11	2462	16.26	16.50		11	2462	16.26	16.50	
	ANT4	DSSS 802.11b	1	2412	16.17	16.50	Yes	1	2412	16.17	16.50	Yes
			6	2437	16.44	16.50		6	2437	16.44	16.50	
			11	2462	16.50	16.50		11	2462	16.50	16.50	

Note(s):

- 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.

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.

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.

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.

40 MHz	UNB-1	38	5190		17.5	17.3	18.0	16.5	16.3	16.0	14.0	15.5	12.5	9.5	16.0	15.8	15.5	14.0	15.8	15.5	14.5	11.5	8.5	16.0	15.8	15.5	14.0	15.8	15.5	14.5	11.5	8.5			
		46	5230		20.5	20.5	20.5	20.5	20.5	20.5	15.0	16.5	12.5	9.5	16.0	16.0	16.0	16.0	16.0	16.0	16.0	14.5	11.5	8.5	16.0	16.0	16.0	16.0	16.0	16.0	14.5	11.5	8.5		
		54	5270		20.5	20.5	20.5	20.5	20.5	20.5	20.5	15.5	12.5	9.5	16.0	16.0	16.0	16.0	16.0	16.0	16.0	14.5	11.5	8.5	16.0	16.0	16.0	16.0	16.0	16.0	14.5	11.5	8.5		
		62	5310		17.5	16.8	16.5	16.5	16.5	16.5	16.0	15.5	12.5	9.5	16.0	16.0	16.0	16.0	16.0	16.0	16.0	14.5	11.5	8.5	16.0	16.0	16.0	16.0	16.0	16.0	14.5	11.5	8.5		
		70	5350		17.5	16.8	16.5	16.5	16.5	16.0	15.5	12.5	9.5	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	14.5	11.5	8.5	16.0	16.0	16.0	16.0	16.0	16.0	14.5	11.5	8.5		
	118	5590		20.5	20.5	20.5	20.5	20.5	20.5	20.5	15.5	12.5	9.5	16.0	16.0	16.0	16.0	16.0	16.0	16.0	14.5	11.5	8.5	16.0	16.0	16.0	16.0	16.0	16.0	14.5	11.5	8.5			
	126	5630		20.5	20.5	20.5	20.5	20.5	20.5	20.5	15.5	12.5	9.5	16.0	16.0	16.0	16.0	16.0	16.0	16.0	14.5	11.5	8.5	16.0	16.0	16.0	16.0	16.0	16.0	14.5	11.5	8.5			
	134	5670		19.5	19.0	18.5	18.0	18.0	18.0	18.0	15.5	12.5	9.5	16.0	16.0	16.0	16.0	16.0	16.0	16.0	14.5	11.5	8.5	16.0	16.0	16.0	16.0	16.0	16.0	14.5	11.5	8.5			
	142	5710		20.5	20.5	20.5	20.5	20.5	20.5	20.5	15.5	12.5	9.5	16.0	16.0	16.0	16.0	16.0	16.0	16.0	14.5	11.5	8.5	16.0	16.0	16.0	16.0	16.0	16.0	14.5	11.5	8.5			
	199	5796		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	14.5	11.5	8.5	20.5	20.5	20.5	20.5	20.5	20.5	14.5	11.5	8.5			
207	5856		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	14.5	11.5	8.5	20.5	20.5	20.5	20.5	20.5	20.5	14.5	11.5	8.5				
215	5916		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	14.5	11.5	8.5	20.5	20.5	20.5	20.5	20.5	20.5	14.5	11.5	8.5				
Bandwidth	Band	Channel	Frequency (MHz)	11a: VHTB1 (SSB) Low Rate	11a: VHTB1 (SSB) Mid Rate	11a: VHTB1 (SSB) High Rate	11a: HE1 (SSB) Low Rate	11a: HE1 (SSB) Mid Rate	11a: HE1 (SSB) High Rate	11a: HE1 (SSB) Low Rate	11a: HE1 (SSB) Mid Rate	11a: HE1 (SSB) High Rate	11a: HE1 (SSB) Low Rate	11a: HE1 (SSB) Mid Rate	11a: HE1 (SSB) High Rate	11a: HE1 (SSB) Low Rate	11a: HE1 (SSB) Mid Rate	11a: HE1 (SSB) High Rate	11a: HE1 (SSB) Low Rate	11a: HE1 (SSB) Mid Rate	11a: HE1 (SSB) High Rate	11a: HE1 (SSB) Low Rate	11a: HE1 (SSB) Mid Rate	11a: HE1 (SSB) High Rate	11a: HE1 (SSB) Low Rate	11a: HE1 (SSB) Mid Rate	11a: HE1 (SSB) High Rate	11a: HE1 (SSB) Low Rate	11a: HE1 (SSB) Mid Rate	11a: HE1 (SSB) High Rate	11a: HE1 (SSB) Low Rate	11a: HE1 (SSB) Mid Rate	11a: HE1 (SSB) High Rate		
	UNB-1	42	5210		17.5	17.0	16.5	17.0	16.5	16.0	16.0	12.0	9.5	6.5	16.5	16.0	15.5	16.0	15.5	15.0	15.0	12.5	9.5	6.5	16.5	16.0	15.5	16.0	15.5	15.0	15.0	12.5	9.5	6.5	
60 MHz	UNB-2A	150	5250		17.0	16.8	16.5	16.8	16.5	16.0	16.0	12.0	9.5	6.5	16.5	16.5	16.0	16.5	16.0	15.5	15.5	12.5	9.5	6.5	16.5	16.5	16.0	16.5	16.0	15.5	15.0	15.0	12.5	9.5	6.5
	UNB-3	202	5290		16.5	16.5	16.5	16.5	16.5	16.5	16.5	12.5	9.5	6.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	12.5	9.5	6.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	12.5	9.5	6.5	
UNB-3	195	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	14.5	11.5	8.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	14.5	11.5	8.5		
	UNB-3	210	5820		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	14.5	11.5	8.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	14.5	11.5	8.5		
Bandwidth	Band	Channel	Frequency (MHz)	11a: VHTB1 (SSB) Low Rate	11a: VHTB1 (SSB) Mid Rate	11a: VHTB1 (SSB) High Rate	11a: HE1 (SSB) Low Rate	11a: HE1 (SSB) Mid Rate	11a: HE1 (SSB) High Rate	11a: HE1 (SSB) Low Rate	11a: HE1 (SSB) Mid Rate	11a: HE1 (SSB) High Rate	11a: HE1 (SSB) Low Rate	11a: HE1 (SSB) Mid Rate	11a: HE1 (SSB) High Rate	11a: HE1 (SSB) Low Rate	11a: HE1 (SSB) Mid Rate	11a: HE1 (SSB) High Rate	11a: HE1 (SSB) Low Rate	11a: HE1 (SSB) Mid Rate	11a: HE1 (SSB) High Rate	11a: HE1 (SSB) Low Rate	11a: HE1 (SSB) Mid Rate	11a: HE1 (SSB) High Rate	11a: HE1 (SSB) Low Rate	11a: HE1 (SSB) Mid Rate	11a: HE1 (SSB) High Rate	11a: HE1 (SSB) Low Rate	11a: HE1 (SSB) Mid Rate	11a: HE1 (SSB) High Rate	11a: HE1 (SSB) Low Rate	11a: HE1 (SSB) Mid Rate	11a: HE1 (SSB) High Rate		
	UNB-3	214	5870		16.0	15.5	15.0	15.5	15.0	14.5	14.5	9.5	6.5	16.0	15.5	15.0	15.5	15.0	14.5	14.5	9.5	6.5	16.0	15.5	15.0	15.5	15.0	14.5	14.5	9.5	6.5	16.0	15.5	15.0	
180 MHz	UNB-3	914	5970		16.0	15.5	15.0	15.5	15.0	14.5	14.5	9.5	6.5	16.0	15.5	15.0	15.5	15.0	14.5	14.5	9.5	6.5	16.0	15.5	15.0	15.5	15.0	14.0	14.0	9.5	6.5	16.0	15.5	15.0	
	UNB-3	910	5970		16.0	15.5	15.0	15.5	15.0	14.5	14.5	9.5	6.5	16.0	15.5	15.0	15.5	15.0	14.5	14.5	9.5	6.5	16.0	15.5	15.0	15.5	15.0	14.0	14.0	9.5	6.5	16.0	15.5	15.0	

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	17.75	19.00	19.00	19.00	16.75
			40	5200	19.50	19.50	19.50	19.50	19.50	19.50	19.50	17.75	19.50	19.50	19.50	16.75
			44	5220	19.50	19.50	19.50	19.50	19.50	19.50	19.50	17.75	19.50	19.50	19.50	16.75
			48	5240	19.50	19.50	19.50	19.50	19.50	19.50	19.50	17.75	19.50	19.50	19.50	16.75
		802.11n/ac 40 MHz	38	5190	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50	16.75
			46	5230	20.50	20.50	20.50	20.50	20.50	20.50	20.50	17.75	20.00	20.50	19.50	16.75
		802.11ac 80 MHz	42	5210	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50	17.50	16.75
			52	5260	19.50	19.50	19.50	19.50	19.50	19.50	16.50	16.50	19.50	19.50	18.75	16.75
	U-NII-2A 5.2 GHz (SISO)	802.11ax 20 MHz	56	5280	19.50	19.50	19.50	19.50	19.50	19.50	16.50	16.50	19.50	19.50	18.75	16.75
			60	5300	19.50	19.50	19.50	19.50	19.50	19.50	16.50	16.50	19.50	19.50	18.75	16.75
			64	5320	19.00	19.00	19.00	19.00	19.00	19.00	16.50	16.50	19.00	19.00	18.75	16.75
			54	5270	20.50	20.50	20.50	20.50	20.50	20.50	16.50	16.50	20.00	20.00	18.75	16.75
		802.11ac 40 MHz	62	5310	17.00	17.00	17.00	17.00	17.00	17.00	16.50	16.50	17.00	17.00	17.00	16.75
			58	5290	17.00	17.00	17.00	17.00	17.00	17.00	16.50	16.50	17.00	17.00	17.00	16.75
		802.11ac 80 MHz	50	5250	16.50	16.50	16.50	16.50	16.50	16.50	16.50	16.50	16.50	16.50	16.50	16.50
			50	5250	16.50	16.50	16.50	16.50	16.50	16.50	16.50	16.50	16.50	16.50	16.50	16.50
	U-NII-2C 5.3 GHz (SISO)	802.11a 20 MHz	100	5500	18.75	18.75	18.75	18.75	18.75	18.75	18.00	15.25	18.75	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
	U-NII-3 5.8 GHz (SISO)	802.11a/n/ac 20 MHz	140	5700	19.00	19.25	19.00	19.25	19.00	19.25	18.00	15.25	19.00	18.75	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
			102	5510	17.00	17.00	17.00	17.00	17.00	17.00	17.00	15.25	17.00	17.00	17.00	14.25
			110	5550	20.50	19.25	20.50	19.25	20.50	19.25	18.00	15.25	20.00	18.75	17.00	14.25
			118	5590	20.50	19.25	20.50	19.25	20.50	19.25	18.00	15.25	20.00	18.75	17.00	14.25
			126	5630	20.50	19.25	20.50	19.25	20.50	19.25	18.00	15.25	20.00	18.75	17.00	14.25
			134	5670	19.50	19.25	19.50	19.25	19.50	19.25	18.00	15.25	20.00	18.75	17.00	14.25
			142	5710	20.50	19.25	20.50	19.25	20.50	19.25	18.00	15.25	20.00	18.75	17.00	14.25
		802.11ac 80 MHz	106	5530	16.00	16.00	16.00	16.00	16.00	16.00	16.00	15.25	16.00	16.00	16.00	14.25
			122	5610	20.50	19.25	20.50	19.25	20.50	19.25	18.00	15.25	20.00	18.75	17.00	14.25
		802.11ac 160 MHz	138	5690	20.50	19.25	20.50	19.25	20.50	19.25	18.00	15.25	20.00	18.75	17.00	14.25
			114	5570	16.00	16.00	16.00	16.00	16.00	16.00	16.00	15.25	16.00	16.00	16.00	14.25
ANT5	U-NII-3 5.8 GHz (SISO)	802.11a/n/ac 20 MHz	149	5745	20.50	20.25	20.50	20.25	20.50	20.25	18.75	15.75	20.00	19.75	17.75	14.75
			153	5765	20.50	20.25	20.50	20.25	20.50	20.25	18.75	15.75	20.00	19.75	17.75	14.75
			157	5785	20.50	20.25	20.50	20.25	20.50	20.25	18.75	15.75	20.00	19.75	17.75	14.75
			161	5805	20.50	20.25	20.50	20.25	20.50	20.25	18.75	15.75	20.00	19.75	17.75	14.75
			165	5825	20.50	20.25	20.50	20.25	20.50	20.25	18.75	15.75	20.00	19.75	17.75	14.75
		802.11n/ac 40 MHz	151	5755	20.50	20.25	20.50	20.25	20.50	20.25	18.75	15.75	20.00	19.75	17.75	14.75
			159	5795	20.50	20.25	20.50	20.25	20.50	20.25	18.75	15.75	20.00	19.75	17.75	14.75
		802.11ac 80 MHz	155	5775	20.50	20.25	20.50	20.25	20.50	20.25	18.75	15.75	20.00	19.75	17.75	14.75
			155	5775	20.50	20.25	20.50	20.25	20.50	20.25	18.75	15.75	20.00	19.75	17.75	14.75

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-1 5.2 GHz (SISO)	802.11a 20 MHz	36	5180	19.00	17.75	19.00	17.75	19.00	17.75	16.50	13.75	19.00	17.75	15.50	12.75
			40	5200	19.50	17.75	19.50	17.75	19.50	17.75	16.50	13.75	19.50	17.75	15.50	12.75
			44	5220	19.50	17.75	19.50	17.75	19.50	17.75	16.50	13.75	19.50	17.75	15.50	12.75
			48	5240	19.50	17.75	19.50	17.75	19.50	17.75	16.50	13.75	19.50	17.75	15.50	12.75
		802.11n/ac 40 MHz	38	5190	17.50	17.50	17.50	17.50	17.50	17.50	16.50	13.75	17.50	17.50	15.50	12.75
			46	5230	20.50	17.75	20.50	17.75	20.50	17.75	16.50	13.75	20.00	17.75	15.50	12.75
		802.11ac 80 MHz	42	5210	17.50	17.50	17.50	17.50	17.50	17.50	16.50	13.75	17.50	17.50	15.50	12.75
	U-NII-2A 5.3 GHz (SISO)	802.11ax 20 MHz	52	5260	19.50	18.50	19.50	18.50	19.50	18.50	16.00	14.75	19.50	18.00	15.00	13.75
			56	5280	19.50	18.50	19.50	18.50	19.50	18.50	16.00	14.75	19.50	18.00	15.00	13.75
			60	5300	19.50	18.50	19.50	18.50	19.50	18.50	16.00	14.75	19.50	18.00	15.00	13.75
			64	5320	19.00	18.50	19.00	18.50	19.00	18.50	16.00	14.75	19.00	18.00	15.00	13.75
		802.11n/ac 40 MHz	54	5270	20.50	18.50	20.50	18.50	20.50	18.50	16.00	14.75	20.00	18.00	15.00	13.75
			62	5310	17.00	17.00	17.00	17.00	17.00	17.00	16.00	14.75	17.00	17.00	15.00	13.75
		802.11ac 80 MHz	58	5290	17.00	17.00	17.00	17.00	17.00	17.00	16.00	14.75	17.00	17.00	15.00	13.75
		802.11ac 160 MHz	50	5250	16.50	16.50	16.50	16.50	16.50	16.50	16.00	14.75	16.50	16.50	15.00	13.75
	Mode	Bandwidth	Channel	Frequency	Maximum Output Power (dBm)											
	U-NII-2C 5.5 GHz (SISO)	802.11a 20 MHz	100	5500	18.75	18.75	18.75	18.75	18.75	18.75	15.00	15.75	18.75	18.75	14.00	14.75
			104	5520	19.50	19.50	19.50	19.50	19.50	19.50	15.00	15.75	19.50	19.25	14.00	14.75
			108	5540	19.50	19.50	19.50	19.50	19.50	19.50	15.00	15.75	19.50	19.25	14.00	14.75
			112	5560	19.50	19.50	19.50	19.50	19.50	19.50	15.00	15.75	19.50	19.25	14.00	14.75
			116	5580	19.50	19.50	19.50	19.50	19.50	19.50	15.00	15.75	19.50	19.25	14.00	14.75
			120	5600	19.50	19.50	19.50	19.50	19.50	19.50	15.00	15.75	19.50	19.25	14.00	14.75
			124	5620	19.50	19.50	19.50	19.50	19.50	19.50	15.00	15.75	19.50	19.25	14.00	14.75
			128	5640	19.50	19.50	19.50	19.50	19.50	19.50	15.00	15.75	19.50	19.25	14.00	14.75
			132	5660	19.50	19.50	19.50	19.50	19.50	19.50	15.00	15.75	19.50	19.25	14.00	14.75
			136	5680	19.50	19.50	19.50	19.50	19.50	19.50	15.00	15.75	19.50	19.25	14.00	14.75
			140	5700	19.00	19.00	19.00	19.00	19.00	19.00	15.00	15.75	19.00	19.00	14.00	14.75
			144	5720	19.50	19.50	19.50	19.50	19.50	19.50	15.00	15.75	19.50	19.25	14.00	14.75
		802.11n/ac 40 MHz	102	5510	17.00	17.00	17.00	17.00	17.00	17.00	15.00	15.75	17.00	17.00	14.00	14.75
			110	5550	20.50	19.75	20.50	19.75	20.50	19.75	15.00	15.75	20.00	19.25	14.00	14.75
			118	5590	20.50	19.75	20.50	19.75	20.50	19.75	15.00	15.75	20.00	19.25	14.00	14.75
			126	5630	20.50	19.75	20.50	19.75	20.50	19.75	15.00	15.75	20.00	19.25	14.00	14.75
			134	5670	19.50	19.50	19.50	19.50	19.50	19.50	15.00	15.75	19.50	19.25	14.00	14.75
			142	5710	20.50	19.75	20.50	19.75	20.50	19.75	15.00	15.75	20.00	19.25	14.00	14.75
		802.11ac 80 MHz	106	5530	16.00	16.00	16.00	16.00	16.00	16.00	15.00	15.75	16.00	16.00	14.00	14.75
			122	5610	20.50	19.75	20.50	19.75	20.50	19.75	15.00	15.75	20.00	19.25	14.00	14.75
		802.11ac 160 MHz	138	5690	20.50	19.75	20.50	19.75	20.50	19.75	15.00	15.75	20.00	19.25	14.00	14.75
		802.11ac 160 MHz	114	5570	16.00	16.00	16.00	16.00	16.00	16.00	15.00	15.75	16.00	16.00	14.00	14.75
	Mode	Bandwidth	Channel	Frequency	Maximum Output Power (dBm)											
	U-NII-3 5.8 GHz (SISO)	802.11a/n/ac 20 MHz	149	5745	20.50	19.75	20.50	19.75	20.50	19.75	15.50	16.25	20.00	19.25	14.50	15.25
			153	5765	20.50	19.75	20.50	19.75	20.50	19.75	15.50	16.25	20.00	19.25	14.50	15.25
			157	5785	20.50	19.75	20.50	19.75	20.50	19.75	15.50	16.25	20.00	19.25	14.50	15.25
			161	5805	20.50	19.75	20.50	19.75	20.50	19.75	15.50	16.25	20.00	19.25	14.50	15.25
			165	5825	20.50	19.75	20.50	19.75	20.50	19.75	15.50	16.25	20.00	19.25	14.50	15.25
		802.11n/ac 40 MHz	151	5755	20.50	19.75	20.50	19.75	20.50	19.75	15.50	16.25	20.00	19.25	14.50	15.25
			159	5795	20.50	19.75	20.50	19.75	20.50	19.75	15.50	16.25	20.00	19.25	14.50	15.25
		802.11ac 80 MHz	155	5775	20.50	19.75	20.50	19.75	20.50	19.75	15.50	16.25	20.00	19.25	14.50	15.25

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	19.34	20.50	Yes	U-NII-2A	802.11n HT40	54	5270	19.30	20.50	Yes
				62	5310	15.76	17.00				62	5310	15.76	17.00	
		U-NII-2C	802.11ac VHT80	106	5530	14.63	16.00	Yes	U-NII-2C	802.11ac VHT80	106	5530	14.63	16.00	Yes
				122	5610	18.75	20.50				122	5610	18.75	19.25	
		U-NII-3	802.11ac VHT80	138	5690	18.70	20.50	Yes	U-NII-3	802.11ac VHT80	138	5690	18.70	19.25	Yes
				155	5775	19.18	20.50				155	5775	19.18	20.25	
	ANT6	U-NII-2A	802.11n HT40	54	5270	19.64	20.50	Yes	U-NII-2A	802.11n HT40	54	5270	17.18	18.50	Yes
				62	5310	15.49	17.00				62	5310	15.49	17.00	
		U-NII-2C	802.11ac VHT80	106	5530	14.50	16.00	Yes	U-NII-2C	802.11ac VHT80	106	5530	14.50	16.00	Yes
				122	5610	19.69	20.50				122	5610	18.65	19.75	
		U-NII-3	802.11ac VHT80	138	5690	19.66	20.50	Yes	U-NII-3	802.11ac VHT80	138	5690	18.44	19.75	Yes
				155	5775	20.12	20.50				155	5775	18.50	19.75	
Power State 4	ANT5	U-NII-1	802.11n HT40	38	5190	17.13	17.50	Yes	U-NII-1	802.11n HT40	38	5190	17.13	17.50	Yes
				46	5230	19.72	20.50				46	5230	17.58	17.75	
		U-NII-2C	802.11ac VHT80	106	5530	14.73	16.00	Yes	U-NII-2C	802.11ac VHT160	114	5570	13.75	15.25	Yes
				122	5610	16.58	18.00				138	5690	16.37	18.00	
		U-NII-3	802.11ac VHT80	155	5775	17.17	18.75	Yes	U-NII-3	802.11ac VHT80	155	5775	15.50	15.75	Yes
				155	5775	14.20	15.50				155	5775	15.78	16.25	
	ANT6	U-NII-1	802.11ac VHT80	42	5210	15.04	16.50	Yes	U-NII-2A	802.11ac VHT160	50	5250	13.25	14.75	Yes
		U-NII-2C	802.11ac VHT160	114	5570	14.58	15.00	Yes	U-NII-2C	802.11ac VHT160	114	5570	14.52	15.75	Yes
		U-NII-3	802.11ac VHT80	155	5775	14.20	15.50	Yes	U-NII-3	802.11ac VHT80	155	5775	15.78	16.25	Yes
Power State 5	ANT5	U-NII-2A	802.11n HT40	54	5270	19.34	20.00	Yes	U-NII-1	802.11n HT40	38	5190	16.15	17.50	Yes
				62	5310	15.76	17.00				46	5230	18.90	20.50	
		U-NII-2C	802.11ac VHT80	106	5530	14.63	16.00	Yes	U-NII-2C	802.11ac VHT80	106	5530	14.63	16.00	Yes
				122	5610	19.52	20.00				122	5610	18.80	18.75	
		U-NII-3	802.11ac VHT80	138	5690	19.17	20.00	Yes	U-NII-3	802.11ac VHT80	138	5690	18.80	18.75	Yes
				149	5745	19.18	20.00				155	5775	19.18	19.75	
	ANT6	U-NII-2A	802.11n HT40	54	5270	19.64	20.00	Yes	U-NII-2A	802.11n HT40	54	5270	17.18	18.00	Yes
				62	5310	15.49	17.00				62	5310	15.49	17.00	
		U-NII-2C	802.11ac VHT80	106	5530	14.50	16.00	Yes	U-NII-2C	802.11ac VHT80	106	5530	14.50	16.00	Yes
				122	5610	19.69	20.00				122	5610	18.65	19.25	
		U-NII-3	802.11ac VHT80	138	5690	19.66	20.00	Yes	U-NII-3	802.11ac VHT80	138	5690	18.34	19.25	Yes
				155	5775	18.50	20.00				155	5775	18.31	19.25	
Power State 6	ANT5	U-NII-1	802.11n HT40	38	5190	17.13	17.50	Yes	U-NII-1	802.11ac VHT80	42	5210	15.96	16.75	Yes
				46	5230	19.50	19.50				42	5210	15.96	16.75	
		U-NII-2C	802.11ac VHT80	106	5530	14.73	16.00	Yes	U-NII-2C	802.11ac VHT160	114	5570	13.75	14.25	Yes
				122	5610	16.58	17.00				114	5570	13.75	14.25	
		U-NII-3	802.11ac VHT80	138	5690	16.37	17.00	Yes	U-NII-3	802.11ac VHT80	155	5775	14.50	14.75	Yes
				155	5775	17.17	17.75				155	5775	14.50	14.75	
	ANT6	U-NII-1	802.11ac VHT80	42	5210	15.04	15.50	Yes	U-NII-2A	802.11ac VHT160	50	5250	13.25	13.75	Yes
		U-NII-2C	802.11ac VHT160	114	5570	13.24	14.00	Yes	U-NII-2C	802.11ac VHT160	114	5570	14.52	14.75	Yes
		U-NII-3	802.11ac VHT80	155	5775	14.20	14.50	Yes	U-NII-3	802.11ac VHT80	155	5775	14.40	15.25	Yes

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.

Bandwidth	Band	Channel	Frequency (MHz)	Maximum Output Power (dBm)																									
				SP for ANTs / ANTs E																									
				SSO												MIMO													
20 MHz	UN1-6	Channel	Frequency (MHz)	a (SSO) Low Rate	a (SSO) Mid Rate	a (SSO) High Rate	11aa HE80 (SSO) Low Rate	11aa HE80 (SSO) Mid Rate	11aa HE80 (SSO) High Rate	11aa HE80 (SSO) Low Rate	11aa HE80 (SSO) Mid Rate	11aa HE80 (SSO) High Rate	11aa HE80 (SSO) Low Rate	11aa HE80 (SSO) Mid Rate	11aa HE80 (SSO) High Rate	11aa HE80 (QTC, COO, nortH) Low Rate	11aa HE80 (QTC, COO, nortH) Mid Rate	11aa HE80 (QTC, COO, nortH) High Rate	11aa HE80 (R800) QTC, COO, nortH	11aa HE80 (R800) QTC, COO, nortH	11aa HE80 (R800) QTC, COO, nortH	11aa HE80 (R800) QTC, COO, nortH	11aa HE80 (R800) QTC, COO, nortH	11aa HE80 (R800) QTC, COO, nortH	11aa HE80 (R800) QTC, COO, nortH	11aa HE80 (R800) QTC, COO, nortH	11aa HE80 (R800) QTC, COO, nortH	11aa HE80 (R800) QTC, COO, nortH	11aa HE80 (R800) QTC, COO, nortH
				2	5955	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
				5	5965	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
				6	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	5995-6009	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
				33-41	6111-6125	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
				40-46	6271-6287	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
				80	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
				90	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
				UN16	67-113	6435-6515	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
				UN1-7	117-181	6536-6595	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
40 MHz	UN1-8	Channel	Frequency (MHz)																										

[illegible]

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
ANTS	U-NII-5	802.11a 20 MHz	1	5955	11.50	11.50	11.50	11.50	11.50	11.50	10.50	10.50	11.00	11.00	9.50	9.50
			5	5975	11.50	11.50	11.50	11.50	11.50	11.50	10.50	10.50	11.00	11.00	9.50	9.50
			9-29	5995-6095	11.50	11.50	11.50	11.50	11.50	11.50	10.50	10.50	11.00	11.00	9.50	9.50
			33-61	6115-6255	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50	9.50	9.50
			65-85	6275-6375	11.00	11.00	11.00	11.00	11.00	11.00	10.00	10.00	10.50	10.50	9.00	9.00
			89	6395	11.00	11.00	11.00	11.00	11.00	11.00	10.00	10.00	10.50	10.50	9.00	9.00
			93	6415	11.00	11.00	11.00	11.00	11.00	11.00	10.00	10.00	10.50	10.50	9.00	9.00
			3	5965	11.50	11.50	11.50	11.50	11.50	11.50	10.50	10.50	11.00	11.00	9.50	9.50
		802.11ax 40 MHz	11	6005	11.50	11.50	11.50	11.50	11.50	11.50	10.50	10.50	11.00	11.00	9.50	9.50
			19-27	6045-6085	11.50	11.50	11.50	11.50	11.50	11.50	10.50	10.50	11.00	11.00	9.50	9.50
			35-59	6125-6245	11.50	11.50	11.50	11.50	11.50	11.50	10.50	10.50	11.00	11.00	9.50	9.50
			67-75	6285-6325	11.00	11.00	11.00	11.00	11.00	11.00	10.00	10.00	10.50	10.50	9.00	9.00
			83	6365	11.00	11.00	11.00	11.00	11.00	11.00	10.00	10.00	10.50	10.50	9.00	9.00
			91	6405	11.00	11.00	11.00	11.00	11.00	11.00	10.00	10.00	10.50	10.50	9.00	9.00
			7	5985	11.50	11.50	11.50	11.50	11.50	11.50	10.50	10.50	11.00	11.00	9.50	9.50
			23	6065	11.50	11.50	11.50	11.50	11.50	11.50	10.50	10.50	11.00	11.00	9.50	9.50
			39-55	6145-6225	11.50	11.50	11.50	11.50	11.50	11.50	10.50	10.50	11.00	11.00	9.50	9.50
			71	6305	11.00	11.00	11.00	11.00	11.00	11.00	10.00	10.00	10.50	10.50	9.00	9.00
			87	6385	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	15	6025	11.50	11.50	11.50	11.50	11.50	11.50	10.50	10.50	11.00	11.00	9.50	9.50
			47	6185	11.50	11.50	11.50	11.50	11.50	11.50	10.50	10.50	11.00	11.00	9.50	9.50
			79	6345	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)											
	U-NII-6	802.11a 20 MHz	97-109	6435-6495	10.75	10.75	10.75	10.75	10.75	10.75	10.25	10.25	10.75	10.75	9.25	9.25
			113	6515	10.75	10.75	10.75	10.75	10.75	10.75	10.25	10.25	10.75	10.75	9.25	9.25
			99-107	6445-6485	11.25	11.25	11.25	11.25	11.25	11.25	10.25	10.25	10.75	10.75	9.25	9.25
			115	6525	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 40 MHz	103	6465	11.25	11.25	11.25	11.25	11.25	11.25	10.25	10.25	10.75	10.75	9.25	9.25
			119	6545	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 80 MHz	111	6505	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														
	Mode	Bandwidth	Channel	Frequency	Maximum Output Power (dBm)											
	U-NII-7	802.11a 20 MHz	117-125	6535-6575	9.75	9.75	9.75	9.75	9.75	9.75	9.75	9.75	9.75	9.75	9.25	9.25
			125-157	6575-6735	9.75	9.75	9.75	9.75	9.75	9.75	9.75	9.75	9.75	9.75	9.50	9.50
			161-181	6735-6855	9.75	9.75	9.75	9.75	9.75	9.75	9.75	9.75	9.75	9.75	9.25	9.25
			185	6875	9.75	9.75	9.75	9.75	9.75	9.75	9.75	9.75	9.75	9.75	9.25	9.25
		802.11ax 40 MHz	123	6565	11.25	11.25	11.25	11.25	11.25	11.25	10.25	10.25	10.75	10.75	9.25	9.25
			131-155	6605-6725	11.50	11.50	11.50	11.50	11.50	11.50	10.50	10.50	11.00	11.00	9.50	9.50
			163-179	6765-6845	11.25	11.25	11.25	11.25	11.25	11.25	10.25	10.25	10.75	10.75	9.25	9.25
			187	6885	11.25	11.25	11.25	11.25	11.25	11.25	10.25	10.25	10.75	10.75	9.25	9.25
			135-151	6625-6705	11.50	11.50	11.50	11.50	11.50	11.50	10.50	10.50	11.00	11.00	9.50	9.50
		802.11ax 80 MHz	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	11.50	11.50	11.50	11.50	11.50	11.50	10.50	10.50	11.00	11.00	9.50	9.50
			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)											
	U-NII-8	802.11a 20 MHz	189-225	6895-7075	11.25	11.25	11.25	11.25	11.25	11.25	10.25	10.25	10.75	10.75	9.25	9.25
			229	7095	11.25	11.25	11.25	11.25	11.25	11.25	10.25	10.25	10.75	10.75	9.25	9.25
			233	7115	-3.50	-3.50	-3.50	-3.50	-3.50	-3.50	-3.50	-3.50	-3.50	-3.50	-3.50	-3.50
		802.11ax 40 MHz	195-219	6925-7045	11.25	11.25	11.25	11.25	11.25	11.25	10.25	10.25	10.75	10.75	9.25	9.25
			227	7085	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 80 MHz	199	6945	11.25	11.25	11.25	11.25	11.25	11.25	10.25	10.25	10.75	10.75	9.25	9.25
			215	7025	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	207	6985	11.25	11.25	11.25	11.25	11.25	11.25	10.25	10.25	10.75	10.75	9.25	9.25

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	11.75	11.75	11.75	11.75	11.75	11.75	10.75	10.75	11.25	11.25	9.75	9.75	
			5	5975	11.75	11.75	11.75	11.75	11.75	11.75	10.75	10.75	11.25	11.25	9.75	9.75	
			9-29	5995-6095	11.75	11.75	11.75	11.75	11.75	11.75	10.75	10.75	11.25	11.25	9.75	9.75	
			33-61	6115-6255	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50	9.50	9.50	
			65-85	6275-6375	11.25	11.25	11.25	11.25	11.25	11.25	10.25	10.25	10.75	10.75	9.25	9.25	
			89	6395	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 40 MHz	93	6415	11.25	11.25	11.25	11.25	11.25	11.25	10.25	10.25	10.75	10.75	9.25	9.25	
			3	5965	11.75	11.75	11.75	11.75	11.75	11.75	10.75	10.75	11.25	11.25	9.75	9.75	
			11	6005	11.75	11.75	11.75	11.75	11.75	11.75	10.75	10.75	11.25	11.25	9.75	9.75	
			19-27	6045-6085	11.75	11.75	11.75	11.75	11.75	11.75	10.75	10.75	11.25	11.25	9.75	9.75	
			35-59	6125-6245	11.75	11.75	11.75	11.75	11.75	11.75	10.75	10.75	11.25	11.25	9.75	9.75	
			67-75	6285-6325	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 80 MHz	83	6365	11.25	11.25	11.25	11.25	11.25	11.25	10.25	10.25	10.75	10.75	9.25	9.25	
			91	6405	11.25	11.25	11.25	11.25	11.25	11.25	10.25	10.25	10.75	10.75	9.25	9.25	
			7	5985	11.75	11.75	11.75	11.75	11.75	11.75	10.75	10.75	11.25	11.25	9.75	9.75	
			23	6065	11.75	11.75	11.75	11.75	11.75	11.75	10.75	10.75	11.25	11.25	9.75	9.75	
			39-55	6145-6225	11.75	11.75	11.75	11.75	11.75	11.75	10.75	10.75	11.25	11.25	9.75	9.75	
			71	6305	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	87	6385	11.25	11.25	11.25	11.25	11.25	11.25	10.25	10.25	10.75	10.75	9.25	9.25	
			15	6025	11.75	11.75	11.75	11.75	11.75	11.75	10.75	10.75	11.25	11.25	9.75	9.75	
			47	6185	11.75	11.75	11.75	11.75	11.75	11.75	10.75	10.75	11.25	11.25	9.75	9.75	
			79	6345	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-6	802.11a 20 MHz	97-109	6435-6495	10.75	10.75	10.75	10.75	10.75	10.75	10.75	10.75	10.75	10.75	9.75	9.75
				113	6515	10.75	10.75	10.75	10.75	10.75	10.75	9.75	9.75	10.25	10.25	8.75	8.75
	802.11ax 40 MHz		99-107	6445-6485	11.75	11.75	11.75	11.75	11.75	11.75	10.75	10.75	11.25	11.25	9.75	9.75	
			115	6525	11.25	11.25	11.25	11.25	11.25	11.25	9.75	9.75	10.25	10.25	8.75	8.75	
	802.11ax 80 MHz		103	6465	11.75	11.75	11.75	11.75	11.75	11.75	10.75	10.75	11.25	11.25	9.75	9.75	
			119	6545	10.75	10.75	10.75	10.75	10.75	10.75	9.75	9.75	10.25	10.25	8.75	8.75	
	802.11ax 160 MHz		111	6505	10.75	10.75	10.75	10.75	10.75	10.75	9.75	9.75	10.25	10.25	8.75	8.75	
			Maximum Output Power (dBm)														
	Mode		Bandwidth	Channel	Frequency	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
		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	9.75	9.75	9.75	9.75	9.75	9.75	9.75	9.75	9.75	9.75	8.75	8.75	
			129-181	6595-6855	9.75	9.75	9.75	9.75	9.75	9.75	9.75	9.75	9.75	9.75	8.75	8.75	
			185	6875	9.75	9.75	9.75	9.75	9.75	9.75	9.75	9.75	9.75	9.75	8.75	8.75	
		802.11ax 40 MHz	123	6565	10.75	10.75	10.75	10.75	10.75	10.75	9.75	9.75	10.25	10.25	8.75	8.75	
			131-179	6605-6845	10.75	10.75	10.75	10.75	10.75	10.75	9.75	9.75	10.25	10.25	8.75	8.75	
			187	6885	10.75	10.75	10.75	10.75	10.75	10.75	9.75	9.75	10.25	10.25	8.75	8.75	
		802.11ax 80 MHz	135-151	6625-6705	10.75	10.75	10.75	10.75	10.75	10.75	9.75	9.75	10.25	10.25	8.75	8.75	
			167	6785	10.75	10.75	10.75	10.75	10.75	10.75	9.75	9.75	10.25	10.25	8.75	8.75	
			183	6865	10.75	10.75	10.75	10.75	10.75	10.75	9.75	9.75	10.25	10.25	8.75	8.75	
		802.11ax 160 MHz	143	6665	10.75	10.75	10.75	10.75	10.75	10.75	9.75	9.75	10.25	10.25	8.75	8.75	
	175		6825	10.75	10.75	10.75	10.75	10.75	10.75	9.75	9.75	10.25	10.25	8.75	8.75		
	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	10.75	10.75	10.75	10.75	10.75	10.75	9.75	9.75	10.25	10.25	8.75	8.75	
			229	7095	10.75	10.75	10.75	10.75	10.75	10.75	9.75	9.75	10.25	10.25	8.75	8.75	
			233	7115	-3.50	-3.50	-3.50	-3.50	-3.50	-3.50	-3.50	-3.50	-3.50	-3.50	-3.50	-3.50	
		802.11ax 40 MHz	195-219	6925-7045	10.75	10.75	10.75	10.75	10.75	10.75	9.75	9.75	10.25	10.25	8.75	8.75	
			227	7085	10.75	10.75	10.75	10.75	10.75	10.75	9.75	9.75	10.25	10.25	8.75	8.75	
		802.11ax 80 MHz	199	6945	10.75	10.75	10.75	10.75	10.75	10.75	9.75	9.75	10.25	10.25	8.75	8.75	
			215	7025	10.75	10.75	10.75	10.75	10.75	10.75	9.75	9.75	10.25	10.25	8.75	8.75	
802.11ax 160 MHz		207	6985	10.75	10.75	10.75	10.75	10.75	10.75	9.75	9.75	10.25	10.25	8.75	8.75		
		Maximum Output Power (dBm)															

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/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-5	802.11ax 160 MHz	15	6025	10.50	11.50	Yes	U-NII-5	802.11ax 160 MHz	15	6025	10.50	11.50	Yes
				47	6185	10.60	11.50	Yes			47	6185	10.60	11.50	Yes
				79	6345	10.10	11.00	No			79	6345	10.10	11.00	No
		U-NII-6	802.11ax 160 MHz	111	6505	10.30	11.25	Yes	U-NII-6	802.11ax 160 MHz	111	6505	10.30	11.25	Yes
				143	6665	10.50	11.50	Yes			143	6665	10.50	11.50	Yes
		U-NII-7	802.11ax 160 MHz	175	6825	10.25	11.25	No	U-NII-7	802.11ax 160 MHz	175	6825	10.25	11.25	No
				207	6985	10.10	11.25	Yes			207	6985	10.10	11.25	Yes
		U-NII-8	802.11ax 160 MHz	207	6985	10.10	11.25	Yes	U-NII-8	802.11ax 160 MHz	207	6985	10.10	11.25	Yes
	ANT6	U-NII-5	802.11ax 160 MHz	15	6025	11.00	11.75	Yes	U-NII-5	802.11ax 160 MHz	15	6025	11.00	11.75	Yes
				47	6185	11.00	11.75	Yes			47	6185	11.00	11.75	Yes
				79	6345	10.50	11.25	No			79	6345	10.50	11.25	No
		U-NII-6	802.11ax 80 MHz	103	6465	10.80	11.75	Yes	U-NII-6	802.11ax 80 MHz	103	6465	10.80	11.75	Yes
				119	6545	9.75	10.75	No			119	6545	9.75	10.75	No
		U-NII-7	802.11ax 160 MHz	143	6665	10.60	10.75	No	U-NII-7	802.11ax 160 MHz	143	6665	10.60	10.75	No
				175	6825	10.60	10.75	Yes			175	6825	10.60	10.75	Yes
		U-NII-8	802.11ax 160 MHz	207	6985	10.70	10.75	Yes	U-NII-8	802.11ax 160 MHz	207	6985	10.70	10.75	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 4	ANT5	U-NII-5	802.11ax 160 MHz	15	6025	9.08	10.50	Yes	U-NII-5	802.11ax 160 MHz	15	6025	9.08	10.50	Yes
				47	6185	9.24	10.50	Yes			47	6185	9.24	10.50	Yes
				79	6345	8.60	10.00	No			79	6345	8.60	10.00	No
		U-NII-6	802.11ax 160 MHz	111	6505	8.89	10.25	Yes	U-NII-6	802.11ax 160 MHz	111	6505	8.89	10.25	Yes
				143	6665	9.15	10.50	Yes			143	6665	9.15	10.50	Yes
		U-NII-7	802.11ax 160 MHz	175	6825	8.86	10.25	No	U-NII-7	802.11ax 160 MHz	175	6825	8.86	10.25	No
				207	6985	8.94	10.25	Yes			207	6985	8.94	10.25	Yes
		U-NII-8	802.11ax 160 MHz	207	6985	8.94	10.25	Yes	U-NII-8	802.11ax 160 MHz	207	6985	8.94	10.25	Yes
	ANT6	U-NII-5	802.11ax 160 MHz	15	6025	9.36	10.75	Yes	U-NII-5	802.11ax 160 MHz	15	6025	9.36	10.75	Yes
				47	6185	9.40	10.75	Yes			47	6185	9.40	10.75	Yes
				79	6345	9.08	10.25	No			79	6345	9.08	10.25	No
		U-NII-6	802.11ax 80 MHz	103	6465	9.61	10.75	Yes	U-NII-6	802.11ax 80 MHz	103	6465	9.61	10.75	Yes
				119	6545	8.75	9.75	No			119	6545	8.75	9.75	No
		U-NII-7	802.11ax 160 MHz	143	6665	8.35	9.75	No	U-NII-7	802.11ax 160 MHz	143	6665	8.35	9.75	No
				175	6825	8.41	9.75	Yes			175	6825	8.41	9.75	Yes
		U-NII-8	802.11ax 160 MHz	207	6985	9.50	9.75	Yes	U-NII-8	802.11ax 160 MHz	207	6985	9.50	9.75	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-NIL-5	802.11ax 160 MHz	15	6025	10.60	11.00	Yes	U-NIL-5	802.11ax 160 MHz	15	6025	10.60	11.00	Yes
				47	6185	10.60	11.00	Yes			47	6185	10.60	11.00	Yes
				79	6345	9.90	10.50	No			79	6345	9.90	10.50	No
		U-NIL-6	802.11ax 160 MHz	111	6505	10.70	10.75	Yes	U-NIL-6	802.11ax 160 MHz	111	6505	10.70	10.75	Yes
				143	6665	11.00	11.00	Yes			143	6665	11.00	11.00	Yes
		U-NIL-7	802.11ax 160 MHz	175	6825	10.75	10.75	No	U-NIL-7	802.11ax 160 MHz	175	6825	10.75	10.75	No
				207	6985	10.90	11.30	Yes			207	6985	10.90	11.30	Yes
		U-NIL-8	802.11ax 160 MHz	207	6985	10.90	11.30	Yes	U-NIL-8	802.11ax 160 MHz	207	6985	10.90	11.30	Yes
	ANT6	U-NIL-5	802.11ax 160 MHz	15	6025	11.19	11.25	Yes	U-NIL-5	802.11ax 160 MHz	15	6025	11.19	11.25	Yes
				47	6185	11.19	11.25	Yes			47	6185	11.19	11.25	Yes
				79	6345	10.05	10.75	No			79	6345	10.05	10.75	No
		U-NIL-6	802.11ax 80 MHz	103	6465	11.10	11.25	Yes	U-NIL-6	802.11ax 80 MHz	103	6465	11.10	11.25	Yes
				119	6545	10.10	10.25	No			119	6545	10.10	10.25	No
		U-NIL-7	802.11ax 160 MHz	143	6665	10.00	10.25	No	U-NIL-7	802.11ax 160 MHz	143	6665	10.00	10.25	No
				175	6825	10.00	10.25	Yes			175	6825	10.00	10.25	Yes
		U-NIL-8	802.11ax 160 MHz	207	6985	10.10	10.25	Yes	U-NIL-8	802.11ax 160 MHz	207	6985	10.10	10.25	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 6	ANT5	U-NIL-5	802.11ax 160 MHz	15	6025	9.08	9.50	Yes	U-NIL-5	802.11ax 160 MHz	15	6025	9.08	9.50	Yes
				47	6185	9.24	9.50	Yes			47	6185	9.24	9.50	Yes
				79	6345	8.60	9.00	No			79	6345	8.60	9.00	No
		U-NIL-6	802.11ax 160 MHz	111	6505	8.90	9.25	Yes	U-NIL-6	802.11ax 160 MHz	111	6505	8.90	9.25	Yes
				143	6665	9.15	9.50	Yes			143	6665	9.15	9.50	Yes
		U-NIL-7	802.11ax 160 MHz	175	6825	8.86	9.25	No	U-NIL-7	802.11ax 160 MHz	175	6825	8.86	9.25	No
				207	6985	8.94	9.25	Yes			207	6985	8.94	9.25	Yes
		U-NIL-8	802.11ax 160 MHz	207	6985	8.94	9.25	Yes	U-NIL-8	802.11ax 160 MHz	207	6985	8.94	9.25	Yes
	ANT6	U-NIL-5	802.11ax 160 MHz	15	6025	9.65	9.75	Yes	U-NIL-5	802.11ax 160 MHz	15	6025	9.70	9.75	Yes
				47	6185	9.75	9.75	Yes			47	6185	9.75	9.75	Yes
				79	6345	8.93	9.25	No			79	6345	8.93	9.25	No
		U-NIL-6	802.11ax 80 MHz	103	6465	9.75	9.75	Yes	U-NIL-6	802.11ax 80 MHz	103	6465	9.75	9.75	Yes
				119	6545	8.75	8.75	No			119	6545	8.75	8.75	No
		U-NIL-7	802.11ax 160 MHz	143	6665	8.61	8.75	No	U-NIL-7	802.11ax 160 MHz	143	6665	8.61	8.75	No
				175	6825	8.75	8.75	Yes			175	6825	8.75	8.75	Yes
		U-NIL-8	802.11ax 160 MHz	207	6985	8.40	8.75	Yes	U-NIL-8	802.11ax 160 MHz	207	6985	8.40	8.75	Yes

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	12.50	12.00	11.00	11.00	15.00	12.00	13.00	12.00	20.00	18.00	19.00	18.00	20.00	20.00	20.00	20.00
EDR	12.50	12.00	11.00	11.00	15.00	12.00	13.00	12.00	16.50	16.50	16.50	16.50	16.50	16.50	16.50	16.50
LE1M	12.50	12.00	11.00	11.00	15.00	12.00	13.00	12.00	20.00	18.00	19.00	18.00	20.00	20.00	20.00	20.00
LE2M	12.50	12.00	11.00	11.00	15.00	12.00	13.00	12.00	20.00	18.00	19.00	18.00	20.00	20.00	20.00	20.00
HDR4	12.50	12.00	11.00	11.00	14.00	12.00	12.50	12.00	14.00	14.00	12.50	12.50	14.00	14.00	12.50	12.50
HDR8	12.50	12.00	11.00	11.00	14.00	12.00	13.00	12.00	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 $\leq \frac{1}{4}$ dB higher than the primary mode.

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)
Bluetooth $P_{standalone}$	ANT3	GFSK	0	2402	19.80	20.00	Yes	19.80	20.00	Yes
			39	2441	19.80	20.00		19.80	20.00	
			78	2480	19.80	20.00		19.80	20.00	
	ANT4	GFSK	0	2402	20.00	20.00	Yes	20.00	20.00	Yes
			39	2441	19.90	20.00		19.90	20.00	
			78	2480	19.40	20.00		19.40	20.00	
Bluetooth P_{high}	ANT3	GFSK	0	2402	19.80	20.00	Yes	17.70	18.00	Yes
			39	2441	19.80	20.00		18.00	18.00	
			78	2480	19.80	20.00		17.80	18.00	
	ANT4	GFSK	0	2402	19.00	19.00	Yes	18.00	18.00	Yes
			39	2441	19.00	19.00		18.00	18.00	
			78	2480	18.70	19.00		17.70	18.00	
Bluetooth P_{mid}	ANT3	GFSK	0	2402	14.90	15.00	Yes	12.00	12.00	Yes
			39	2441	14.90	15.00		11.80	12.00	
			78	2480	14.90	15.00		11.80	12.00	
	ANT4	GFSK	0	2402	12.40	13.00	Yes	11.10	12.00	Yes
			39	2441	12.10	13.00		11.10	12.00	
			78	2480	12.00	13.00		11.00	12.00	
Bluetooth P_{low}	ANT3	GFSK	0	2402	11.00	12.50	Yes	11.00	12.00	Yes
			39	2441	11.20	12.50		11.20	12.00	
			78	2480	10.90	12.50		10.90	12.00	
	ANT4	GFSK	0	2402	9.50	11.00	Yes	9.50	11.00	Yes
			39	2441	10.10	11.00		10.10	11.00	
			78	2480	8.50	11.00		8.50	11.00	

Duty Factor Measured Results

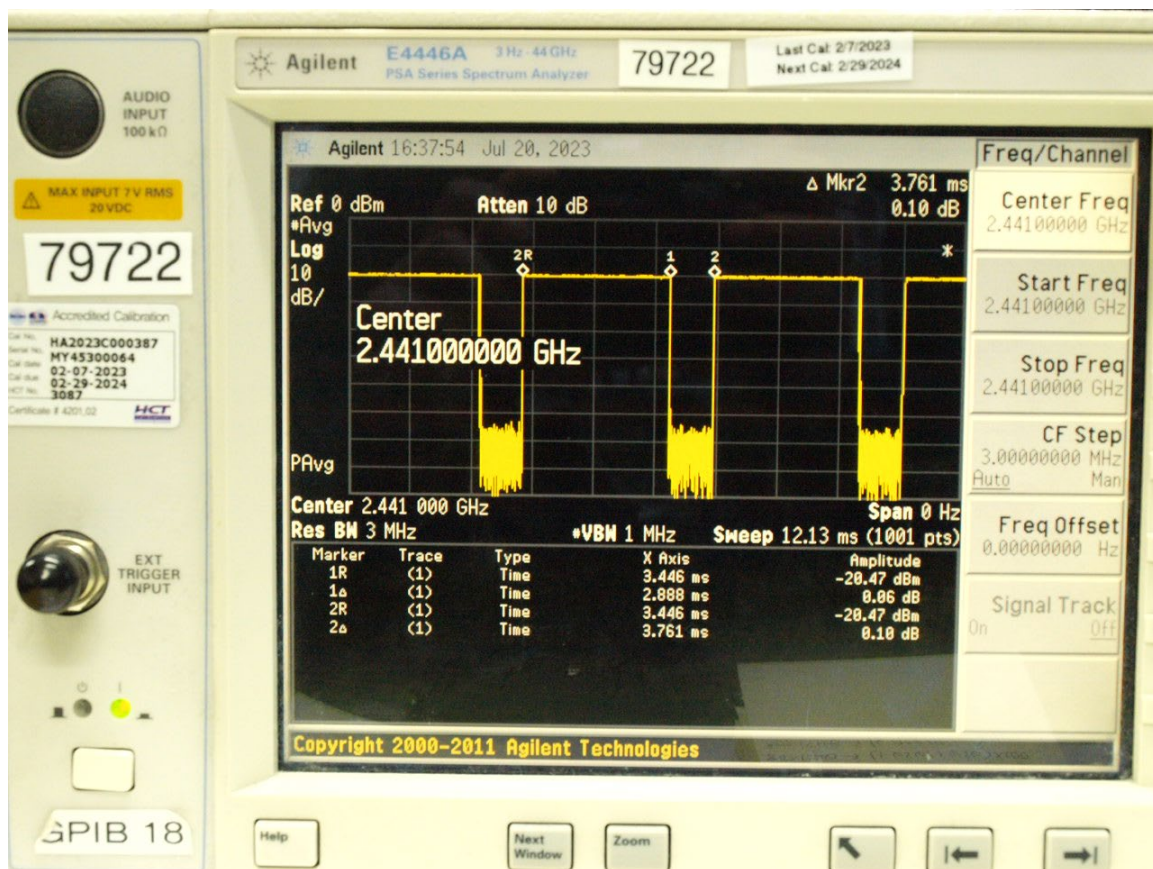
Mode	Type	T on (ms)	Period (ms)	Duty Cycle	Crest Factor (1/duty cycle)
GFSK	DH5	2.888	3.761	76.79%	1.30

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 $\pi/4$ 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	6.00	6.00	5.00	5.00	10.00	8.50	9.50	9.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
	HDR4	6.00	6.00	5.00	5.00	12.00	8.50	9.50	9.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
	HDR8	6.00	6.00	5.00	5.00	14.00	8.50	9.50	9.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00
U-NII 3	GFSK	6.50	6.50	5.00	5.00	15.00	10.00	12.00	7.50	19.50	16.00	18.00	13.50	19.50	19.50	20.00	18.50
	HDR4	6.50	6.50	5.00	5.00	14.50	10.00	12.00	7.50	14.50	14.50	14.50	13.50	14.50	14.50	14.50	14.50
	HDR8	6.50	6.50	5.00	5.00	14.50	10.00	12.00	7.50	14.50	14.50	14.50	13.50	14.50	14.50	14.50	14.50

NB UNII Measured Results

SAR measurement is not required for the $\pi/4$ DQPSK. When the secondary mode is $\leq 1/4$ 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	13.51	14.00	Yes	HDR8	13.51	14.00	Yes
				Mid	5230	13.65	14.00			13.65	14.00	
				High	5245	13.59	14.00			13.59	14.00	
		ANT6	HDR8	Low	5162	13.89	14.00	Yes	HDR8	13.89	14.00	Yes
				Mid	5230	14.00	14.00			14.00	14.00	
				High	5245	13.95	14.00			13.95	14.00	
	NB UNII P_{high}	ANT5	HDR8	Low	5162	13.51	14.00	Yes	HDR8	13.51	14.00	Yes
				Mid	5230	13.65	14.00			13.65	14.00	
				High	5245	13.59	14.00			13.59	14.00	
		ANT6	HDR8	Low	5162	13.89	14.00	Yes	HDR8	13.89	14.00	Yes
				Mid	5230	14.00	14.00			14.00	14.00	
				High	5245	13.95	14.00			13.95	14.00	
	NB UNII P_{mid}	ANT5	HDR8	Low	5162	13.51	14.00	Yes	GFSK	8.50	8.50	Yes
				Mid	5230	13.65	14.00			8.50	8.50	
				High	5245	13.59	14.00			8.50	8.50	
		ANT6	GFSK	Low	5162	8.90	9.50	Yes	GFSK	8.90	9.50	Yes
				Mid	5230	8.80	9.50			8.80	9.50	
				High	5245	8.70	9.50			8.70	9.50	
	NB UNII P_{low}	ANT5	GFSK	Low	5162	5.20	6.00	Yes	GFSK	5.20	6.00	Yes
				Mid	5230	5.30	6.00			5.30	6.00	
				High	5245	5.40	6.00			5.40	6.00	
		ANT6	GFSK	Low	5162	4.80	5.00	Yes	GFSK	4.80	5.00	Yes
				Mid	5230	4.90	5.00			4.90	5.00	
				High	5245	4.80	5.00			4.80	5.00	

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	19.50	19.50	Yes	GFSK	19.50	19.50	Yes
				Mid	5788	19.30	19.50			19.30	19.50	
				High	5844	19.50	19.50			19.50	19.50	
		ANT6	GFSK	Low	5733	19.50	20.00	Yes	GFSK	18.50	18.50	Yes
				Mid	5788	19.70	20.00			18.30	18.50	
				High	5844	19.30	20.00			18.20	18.50	
	NB UNII P_{high}	ANT5	GFSK	Low	5733	19.50	19.50	Yes	GFSK	15.40	16.00	Yes
				Mid	5788	19.30	19.50			15.30	16.00	
				High	5844	19.50	19.50			15.40	16.00	
		ANT6	GFSK	Low	5733	17.50	18.00	Yes	GFSK	13.20	13.50	Yes
				Mid	5788	17.30	18.00			13.10	13.50	
				High	5844	17.20	18.00			13.00	13.50	
	NB UNII P_{mid}	ANT5	GFSK	Low	5733	14.40	15.00	Yes	GFSK	9.00	10.00	Yes
				Mid	5788	14.10	15.00			9.00	10.00	
				High	5844	14.40	15.00			9.20	10.00	
		ANT6	GFSK	Low	5733	12.00	12.00	Yes	GFSK	7.30	7.50	Yes
				Mid	5788	12.00	12.00			7.10	7.50	
				High	5844	11.90	12.00			7.00	7.50	
	NB UNII P_{low}	ANT5	GFSK	Low	5733	5.80	6.50	Yes	GFSK	5.80	6.50	Yes
				Mid	5788	5.70	6.50			5.70	6.50	
				High	5844	5.80	6.50			5.80	6.50	
		ANT6	GFSK	Low	5733	5.00	5.00	Yes	GFSK	5.00	5.00	Yes
				Mid	5788	4.70	5.00			4.70	5.00	
				High	5844	4.80	5.00			4.80	5.00	

Duty Factor Measured Results

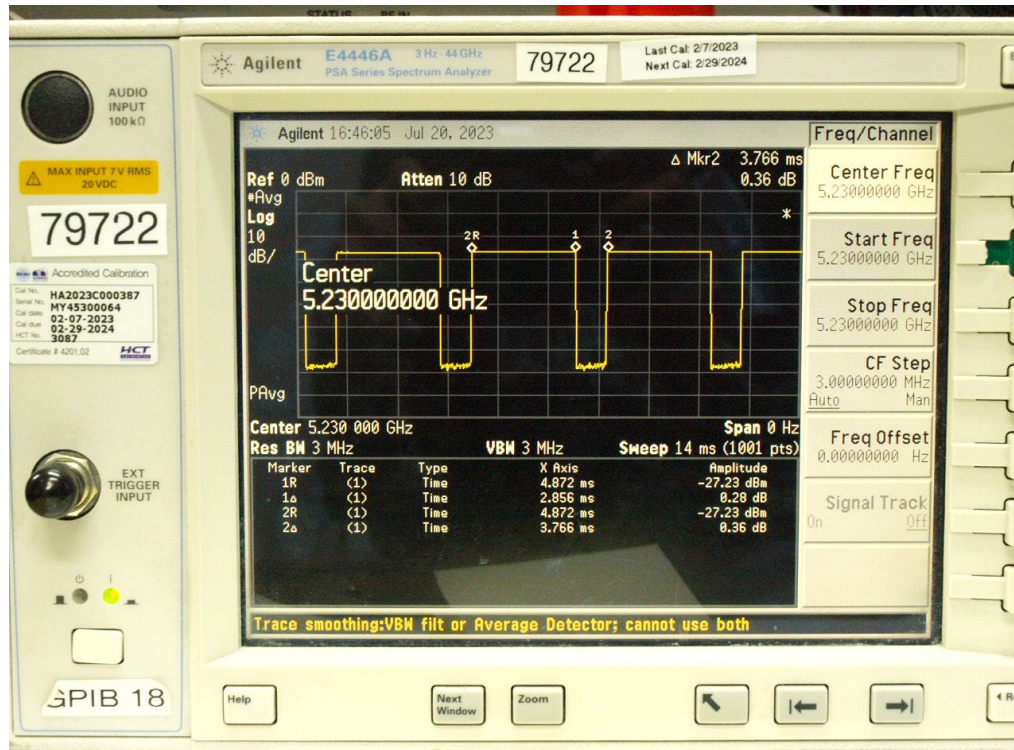
Mode	Type	T on (ms)	Period (ms)	Duty Cycle	Crest Factor (1/duty cycle)
GFSK	DH5	2.856	3.766	75.84%	1.32

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	19.9	20.0	21.3	21.5
		262391	1617.6	20.0	20.0	21.3	21.5
		262466	1625.1	20.0	20.0	21.3	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	19.6	21.0	Yes	19.6	21.0	Yes
			Mid	2440	19.4	21.0		19.4	21.0	
			High	2475	19.4	21.0		19.4	21.0	
	ANT4	O-QPSK	Low	2405	19.7	21.0	Yes	19.7	21.0	Yes
			Mid	2440	19.6	21.0		19.6	21.0	
			High	2475	19.4	21.0		19.4	21.0	
802.15.4 P_{high}	ANT3	O-QPSK	Low	2405	19.6	20.0	Yes	18.5	19.0	Yes
			Mid	2440	19.4	20.0		18.3	19.0	
			High	2475	19.4	20.0		18.5	19.0	
	ANT4	O-QPSK	Low	2405	19.7	20.0	Yes	18.6	19.0	Yes
			Mid	2440	19.6	20.0		18.4	19.0	
			High	2475	19.4	20.0		18.6	19.0	
802.15.4 P_{mid}	ANT3	O-QPSK	Low	2405	15.9	16.0	Yes	12.7	13.0	Yes
			Mid	2440	15.8	16.0		12.6	13.0	
			High	2475	15.4	16.0		12.5	13.0	
	ANT4	O-QPSK	Low	2405	14.0	14.0	Yes	13.0	13.0	Yes
			Mid	2440	14.0	14.0		12.9	13.0	
			High	2475	13.3	14.0		12.4	13.0	
802.15.4 P_{low}	ANT3	O-QPSK	Low	2405	12.4	12.5	Yes	12.4	12.5	Yes
			Mid	2440	12.2	12.5		12.2	12.5	
			High	2475	11.6	12.5		11.6	12.5	
	ANT4	O-QPSK	Low	2405	9.4	11.0	Yes	9.4	11.0	Yes
			Mid	2440	9.7	11.0		9.7	11.0	
			High	2475	9.0	11.0		9.0	11.0	

Duty Factor Measured Results

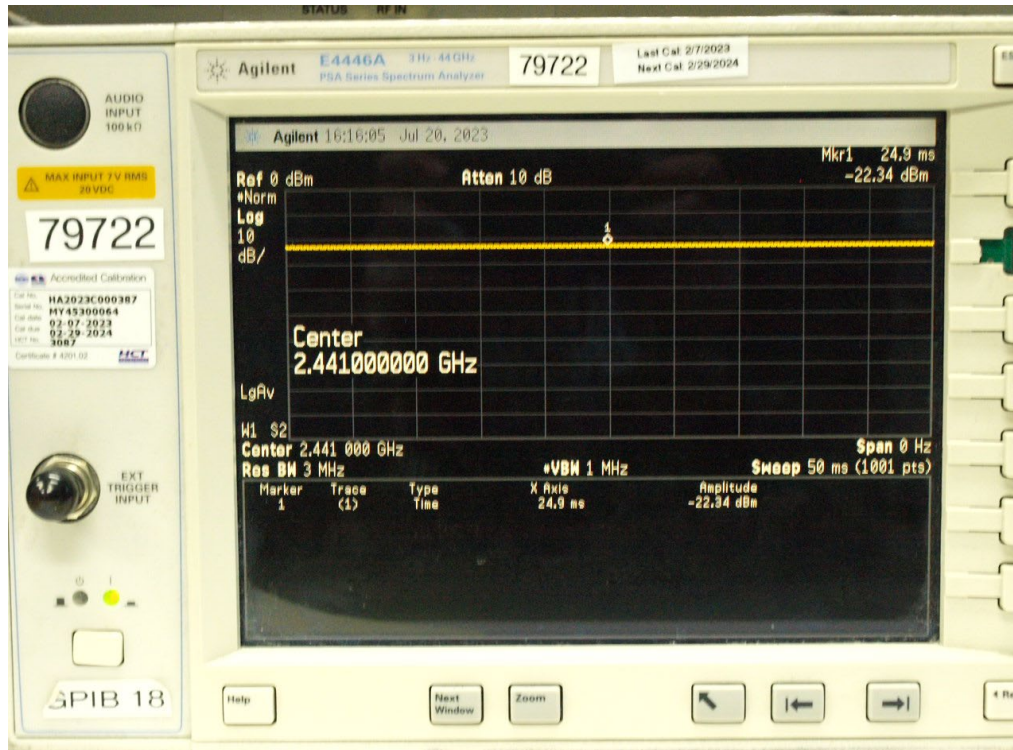
Modulation	T on (ms)	Period (ms)	Duty Cycle	Crest Factor (1/duty cycle)
O-QPSK	24.9	24.9	100.00%	1.00

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	19.9	20.0	17.9	18.5
			Mid	5786.25	19.9	20.0	18.0	18.5
			High	5846.25	19.9	20.0	18.0	18.5
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	17.3	18.5	18.2	19.0
			Mid	5786.25	17.5	18.5	18.3	19.0
			High	5846.25	17.5	18.5	18.3	19.0

Duty Factor Measured Results

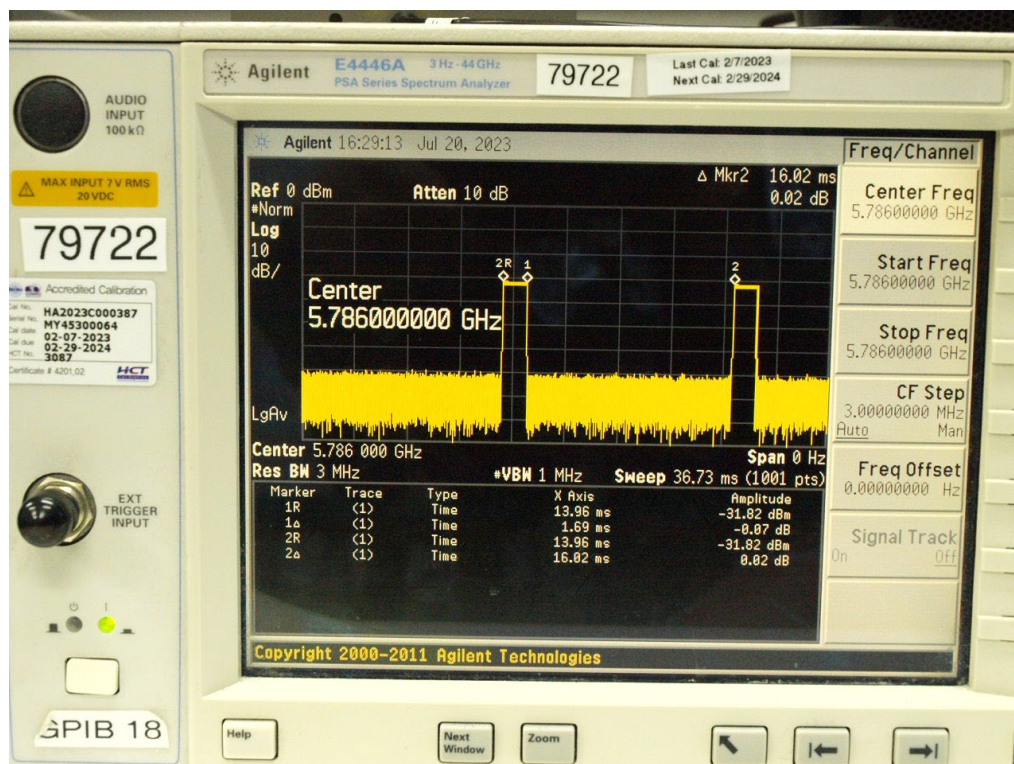
Modulation	Type	T on (ms)	Period (ms)	Duty Cycle	Crest Factor (1/duty cycle)
O-QPSK	Mixed mode	1.69	16.02	10.55%	9.48

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 $\leq \frac{1}{4}$ 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	32.3	0.083	0.087	0.066	0.069	
ANT 1	Head	GPRS 2 Slots	Mode A	0	Left Tilt	190	836.6	32.5	32.3	0.114	0.119	0.090	0.094	
ANT 1	Head	GPRS 2 Slots	Mode A	0	Right Cheek	190	836.6	32.5	32.3	0.172	0.180	0.135	0.141	
ANT 1	Head	GPRS 2 Slots	Mode A	0	Right Tilt	190	836.6	32.5	32.3	0.124	0.130	0.099	0.104	
ANT 1	Body & Hotspot	GPRS 2 Slots	Mode B	5	Back	190	836.6	32.5	32.3	0.472	0.494	0.276	0.289	1
ANT 1	Body & Hotspot	GPRS 2 Slots	Mode B	5	Front	190	836.6	32.5	32.3	0.133	0.139	0.080	0.084	
ANT 1	Hotspot	GPRS 2 Slots	Mode B	5	Edge Right	190	836.6	32.5	32.3	0.733	0.768	0.480	0.503	2
ANT 1	Hotspot	GPRS 2 Slots	Mode B	5	Edge Bottom	190	836.6	32.5	32.3	0.143	0.150	0.067	0.070	
ANT 1	Hotspot	GPRS 2 Slots	Mode B	5	Edge Left	190	836.6	32.5	32.3	0.284	0.297	0.187	0.196	
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	30.5	30.1	0.202	0.221	0.143	0.157	
ANT 2	Head	GPRS 2 Slots	Mode A	0	Left Tilt	190	836.6	30.5	30.1	0.122	0.134	0.072	0.079	
ANT 2	Head	GPRS 2 Slots	Mode A	0	Right Cheek	190	836.6	30.5	30.1	0.304	0.333	0.197	0.216	3
ANT 2	Head	GPRS 2 Slots	Mode A	0	Right Tilt	190	836.6	30.5	30.1	0.180	0.197	0.104	0.114	
ANT 2	Body & Hotspot	GPRS 2 Slots	Mode B	5	Back	190	836.6	31.3	31.0	0.326	0.353	0.197	0.214	
ANT 2	Body & Hotspot	GPRS 2 Slots	Mode B	5	Front	190	836.6	31.3	31.0	0.134	0.145	0.088	0.095	
ANT 2	Hotspot	GPRS 2 Slots	Mode B	5	Edge Top	190	836.6	31.3	31.0	0.106	0.114	0.053	0.057	
ANT 2	Hotspot	GPRS 2 Slots	Mode B	5	Edge Right	190	836.6	31.3	31.0	0.062	0.066	0.040	0.043	
ANT 2	Hotspot	GPRS 2 Slots	Mode B	5	Edge Left	190	836.6	31.3	31.0	0.123	0.132	0.079	0.085	

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	31.0	30.4	0.085	0.098	0.056	0.064	
ANT 1	Head	GPRS 2 Slots	Mode A	0	Left Tilt	661	1880	31.0	30.4	0.063	0.072	0.040	0.046	
ANT 1	Head	GPRS 2 Slots	Mode A	0	Right Cheek	661	1880	31.0	30.4	0.158	0.181	0.100	0.115	
ANT 1	Head	GPRS 2 Slots	Mode A	0	Right Tilt	661	1880	31.0	30.4	0.063	0.072	0.040	0.046	
ANT 1	Body & Hotspot	GPRS 2 Slots	Mode B	5	Back	661	1880	26.8	26.5	0.462	0.495	0.243	0.260	
ANT 1	Body & Hotspot	GPRS 2 Slots	Mode B	5	Front	661	1880	26.8	26.5	0.400	0.429	0.196	0.210	
ANT 1	Hotspot	GPRS 2 Slots	Mode B	5	Edge Right	661	1880	26.8	26.5	0.268	0.287	0.133	0.143	
ANT 1	Hotspot	GPRS 2 Slots	Mode B	5	Edge Bottom	512	1850.2	26.8	26.6	0.870	0.911	0.405	0.424	
ANT 1	Hotspot	GPRS 2 Slots	Mode B	5	Edge Bottom	661	1880	26.8	26.5	0.881	0.944	0.412	0.441	4
ANT 1	Hotspot	GPRS 2 Slots	Mode B	5	Edge Bottom	810	1909.8	26.8	26.7	0.896	0.917	0.417	0.427	
ANT 1	Hotspot	GPRS 2 Slots	Mode B	5	Edge Left	661	1880	26.8	26.5	0.016	0.017	0.008	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	27.2	26.7	0.367	0.412	0.189	0.212	
ANT 2	Head	GPRS 2 Slots	Mode A	0	Left Tilt	661	1880	27.2	26.7	0.431	0.484	0.214	0.240	
ANT 2	Head	GPRS 2 Slots	Mode A	0	Right Cheek	512	1850.2	27.2	26.6	0.771	0.885	0.403	0.463	
ANT 2	Head	GPRS 2 Slots	Mode A	0	Right Cheek	661	1880	27.2	26.7	0.768	0.862	0.407	0.457	
ANT 2	Head	GPRS 2 Slots	Mode A	0	Right Cheek	810	1909.8	27.2	26.9	0.759	0.813	0.406	0.435	
ANT 2	Head	GPRS 2 Slots	Mode A	0	Right Tilt	512	1850.2	27.2	26.6	0.812	0.932	0.384	0.441	
ANT 2	Head	GPRS 2 Slots	Mode A	0	Right Tilt	661	1880	27.2	26.7	0.773	0.867	0.367	0.412	
ANT 2	Head	GPRS 2 Slots	Mode A	0	Right Tilt	810	1909.8	27.2	26.9	0.734	0.786	0.352	0.377	
ANT 2	Body & Hotspot	GPRS 2 Slots	Mode B	5	Back	661	1880	25.7	24.9	0.612	0.736	0.285	0.343	
ANT 2	Body & Hotspot	GPRS 2 Slots	Mode B	5	Front	661	1880	25.7	24.9	0.357	0.429	0.177	0.213	
ANT 2	Hotspot	GPRS 2 Slots	Mode B	5	Edge Top	661	1880	25.7	24.9	0.624	0.750	0.291	0.350	
ANT 2	Hotspot	GPRS 2 Slots	Mode B	5	Edge Right	661	1880	25.7	24.9	0.016	0.019	0.080	0.096	
ANT 2	Hotspot	GPRS 2 Slots	Mode B	5	Edge Left	661	1880	25.7	24.9	0.282	0.339	0.140	0.168	
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	29.3	29.1	0.272	0.285	0.163	0.171	
ANT 3	Head	GPRS 2 Slots	Mode A	0	Left Tilt	661	1880	29.3	29.1	0.124	0.130	0.079	0.083	
ANT 3	Head	GPRS 2 Slots	Mode A	0	Right Cheek	661	1880	29.3	29.1	0.164	0.172	0.105	0.110	
ANT 3	Head	GPRS 2 Slots	Mode A	0	Right Tilt	661	1880	29.3	29.1	0.117	0.123	0.069	0.072	
ANT 3	Body & Hotspot	GPRS 2 Slots	Mode B	5	Back	661	1880	27.8	27.7	0.740	0.757	0.398	0.407	
ANT 3	Body & Hotspot	GPRS 2 Slots	Mode B	5	Front	661	1880	27.8	27.7	0.552	0.565	0.314	0.321	
ANT 3	Hotspot	GPRS 2 Slots	Mode B	5	Edge Bottom	661	1880	27.8	27.7	0.332	0.340	0.170	0.174	
ANT 3	Hotspot	GPRS 2 Slots	Mode B	5	Edge Left	512	1850.2	27.8	27.6	0.883	0.925	0.456	0.477	
ANT 3	Hotspot	GPRS 2 Slots	Mode B	5	Edge Left	661	1880	27.8	27.7	0.885	0.906	0.462	0.473	
ANT 3	Hotspot	GPRS 2 Slots	Mode B	5	Edge Left	810	1909.8	27.8	27.6	0.896	0.938	0.475	0.497	
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	512	1850.2	26.6	26.2	0.865	0.948	0.491	0.538	5
ANT 4	Head	GPRS 2 Slots	Mode A	0	Left Cheek	661	1880	26.6	26.1	0.803	0.901	0.453	0.508	
ANT 4	Head	GPRS 2 Slots	Mode A	0	Left Cheek	810	1909.8	26.6	25.9	0.688	0.808	0.395	0.464	
ANT 4	Head	GPRS 2 Slots	Mode A	0	Left Tilt	661	1880	26.6	26.1	0.460	0.516	0.247	0.277	
ANT 4	Head	GPRS 2 Slots	Mode A	0	Right Cheek	661	1880	26.6	26.1	0.382	0.429	0.238	0.267	
ANT 4	Head	GPRS 2 Slots	Mode A	0	Right Tilt	661	1880	26.6	26.1	0.316	0.355	0.188	0.211	
ANT 4	Body & Hotspot	GPRS 2 Slots	Mode B	5	Back	512	1850.2	27.7	27.2	0.828	0.929	0.448	0.503	6
ANT 4	Body & Hotspot	GPRS 2 Slots	Mode B	5	Back	661	1880	27.7	27.2	0.793	0.890	0.424	0.476	
ANT 4	Body & Hotspot	GPRS 2 Slots	Mode B	5	Back	810	1909.8	27.7	27.2	0.624	0.700	0.336	0.377	
ANT 4	Body & Hotspot	GPRS 2 Slots	Mode B	5	Front	661	1880	27.7	27.2	0.378	0.424	0.223	0.250	
ANT 4	Hotspot	GPRS 2 Slots	Mode B	5	Edge Top	661	1880	27.7	27.2	0.289	0.324	0.129	0.145	
ANT 4	Hotspot	GPRS 2 Slots	Mode B	5	Edge Right	661	1880	27.7	27.2	0.581	0.652	0.297	0.333	

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	25.7	25.5	0.123	0.129	0.081	0.085	
ANT 1	Head	Rel. 99	Mode A	0	Left Tilt	9400	1880	25.7	25.5	0.103	0.108	0.066	0.069	
ANT 1	Head	Rel. 99	Mode A	0	Right Cheek	9400	1880	25.7	25.5	0.256	0.268	0.163	0.171	
ANT 1	Head	Rel. 99	Mode A	0	Right Tilt	9400	1880	25.7	25.5	0.099	0.104	0.064	0.067	
ANT 1	Body & Hotspot	Rel. 99	Mode B	5	Back	9400	1880	19.2	18.9	0.480	0.514	0.249	0.267	
ANT 1	Body & Hotspot	Rel. 99	Mode B	5	Front	9400	1880	19.2	18.9	0.407	0.436	0.205	0.220	
ANT 1	Hotspot	Rel. 99	Mode B	5	Edge Right	9400	1880	19.2	18.9	0.330	0.354	0.151	0.162	
ANT 1	Hotspot	Rel. 99	Mode B	5	Edge Bottom	9262	1852.4	19.2	19.0	0.852	0.892	0.399	0.418	
ANT 1	Hotspot	Rel. 99	Mode B	5	Edge Bottom	9400	1880	19.2	18.9	0.878	0.941	0.412	0.441	
ANT 1	Hotspot	Rel. 99	Mode B	5	Edge Bottom	9538	1907.6	19.2	19.0	0.820	0.859	0.382	0.400	
ANT 1	Hotspot	Rel. 99	Mode B	5	Edge Left	9400	1880	19.2	18.9	0.011	0.012	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 2	Head	Rel. 99	Mode A	0	Left Cheek	9400	1880	20.1	19.3	0.330	0.397	0.169	0.203	
ANT 2	Head	Rel. 99	Mode A	0	Left Tilt	9400	1880	20.1	19.3	0.366	0.440	0.181	0.218	
ANT 2	Head	Rel. 99	Mode A	0	Right Cheek	9262	1852.4	20.1	19.3	0.764	0.919	0.405	0.487	
ANT 2	Head	Rel. 99	Mode A	0	Right Cheek	9400	1880	20.1	19.3	0.774	0.931	0.409	0.492	
ANT 2	Head	Rel. 99	Mode A	0	Right Cheek	9538	1907.6	20.1	19.3	0.759	0.913	0.402	0.483	
ANT 2	Head	Rel. 99	Mode A	0	Right Tilt	9262	1852.4	20.1	19.3	0.770	0.926	0.355	0.427	
ANT 2	Head	Rel. 99	Mode A	0	Right Tilt	9400	1880	20.1	19.3	0.720	0.866	0.339	0.408	
ANT 2	Head	Rel. 99	Mode A	0	Right Tilt	9538	1907.6	20.1	19.3	0.667	0.802	0.319	0.384	
ANT 2	Body & Hotspot	Rel. 99	Mode B	5	Back	9262	1852.4	19.5	19.3	0.784	0.821	0.377	0.395	
ANT 2	Body & Hotspot	Rel. 99	Mode B	5	Back	9400	1880	19.5	19.3	0.817	0.856	0.379	0.397	
ANT 2	Body & Hotspot	Rel. 99	Mode B	5	Back	9538	1907.6	19.5	19.3	0.809	0.847	0.367	0.384	
ANT 2	Body & Hotspot	Rel. 99	Mode B	5	Front	9400	1880	19.5	19.3	0.478	0.501	0.236	0.247	
ANT 2	Hotspot	Rel. 99	Mode B	5	Edge Top	9262	1852.4	19.5	19.3	0.903	0.946	0.420	0.440	7
ANT 2	Hotspot	Rel. 99	Mode B	5	Edge Top	9400	1880	19.5	19.3	0.860	0.901	0.399	0.418	
ANT 2	Hotspot	Rel. 99	Mode B	5	Edge Top	9538	1907.6	19.5	19.3	0.747	0.782	0.344	0.360	
ANT 2	Hotspot	Rel. 99	Mode B	5	Edge Right	9400	1880	19.5	19.3	0.017	0.018	0.008	0.008	
ANT 2	Hotspot	Rel. 99	Mode B	5	Edge Left	9400	1880	19.5	19.3	0.388	0.406	0.194	0.203	
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	23.3	23.2	0.310	0.317	0.186	0.190	
ANT 3	Head	Rel. 99	Mode A	0	Left Tilt	9400	1880	23.3	23.2	0.124	0.127	0.081	0.083	
ANT 3	Head	Rel. 99	Mode A	0	Right Cheek	9400	1880	23.3	23.2	0.148	0.151	0.095	0.097	
ANT 3	Head	Rel. 99	Mode A	0	Right Tilt	9400	1880	23.3	23.2	0.124	0.127	0.074	0.076	
ANT 3	Body & Hotspot	Rel. 99	Mode B	5	Back	9262	1852.4	21.9	21.7	0.813	0.851	0.410	0.429	
ANT 3	Body & Hotspot	Rel. 99	Mode B	5	Back	9400	1880	21.9	21.8	0.894	0.915	0.464	0.475	
ANT 3	Body & Hotspot	Rel. 99	Mode B	5	Back	9538	1907.6	21.9	21.7	0.845	0.885	0.436	0.457	
ANT 3	Body & Hotspot	Rel. 99	Mode B	5	Front	9400	1880	21.9	21.8	0.535	0.547	0.296	0.303	
ANT 3	Hotspot	Rel. 99	Mode B	5	Edge Bottom	9400	1880	21.9	21.8	0.224	0.229	0.109	0.112	
ANT 3	Hotspot	Rel. 99	Mode B	5	Edge Left	9262	1852.4	21.9	21.7	0.804	0.842	0.387	0.405	
ANT 3	Hotspot	Rel. 99	Mode B	5	Edge Left	9400	1880	21.9	21.8	0.882	0.903	0.422	0.432	
ANT 3	Hotspot	Rel. 99	Mode B	5	Edge Left	9538	1907.6	21.9	21.7	0.897	0.939	0.424	0.444	
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	19.8	19.4	0.854	0.936	0.485	0.532	8
ANT 4	Head	Rel. 99	Mode A	0	Left Cheek	9400	1880	19.8	19.4	0.787	0.863	0.440	0.482	
ANT 4	Head	Rel. 99	Mode A	0	Left Cheek	9538	1907.6	19.8	19.4	0.684	0.750	0.380	0.417	
ANT 4	Head	Rel. 99	Mode A	0	Left Tilt	9400	1880	19.8	19.4	0.551	0.604	0.287	0.315	
ANT 4	Head	Rel. 99	Mode A	0	Right Cheek	9400	1880	19.8	19.4	0.280	0.307	0.175	0.192	
ANT 4	Head	Rel. 99	Mode A	0	Right Tilt	9400	1880	19.8	19.4	0.228	0.250	0.138	0.151	
ANT 4	Body & Hotspot	Rel. 99	Mode B	5	Back	9262	1852.4	20.4	20.1	0.882	0.945	0.460	0.493	9
ANT 4	Body & Hotspot	Rel. 99	Mode B	5	Back	9400	1880	20.4	20.4	0.893	0.893	0.482	0.482	
ANT 4	Body & Hotspot	Rel. 99	Mode B	5	Back	9538	1907.6	20.4	20.4	0.775	0.775	0.419	0.419	
ANT 4	Body & Hotspot	Rel. 99	Mode B	5	Front	9400	1880	20.4	20.4	0.324	0.324	0.191	0.191	
ANT 4	Hotspot	Rel. 99	Mode B	5	Edge Top	9400	1880	20.4	20.4	0.274	0.274	0.118	0.118	
ANT 4	Hotspot	Rel. 99	Mode B	5	Edge Right	9400	1880	20.4	20.4	0.458	0.458	0.223	0.223	

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	25.3	25.2	0.103	0.105	0.070	0.072	
ANT 1	Head	Rel. 99	Mode A	0	Left Tilt	1413	1732.6	25.3	25.2	0.058	0.059	0.039	0.040	
ANT 1	Head	Rel. 99	Mode A	0	Right Cheek	1413	1732.6	25.3	25.2	0.177	0.181	0.117	0.120	
ANT 1	Head	Rel. 99	Mode A	0	Right Tilt	1413	1732.6	25.3	25.2	0.050	0.051	0.033	0.034	
ANT 1	Body & Hotspot	Rel. 99	Mode B	5	Back	1413	1732.6	19.3	18.4	0.467	0.575	0.238	0.293	
ANT 1	Body & Hotspot	Rel. 99	Mode B	5	Front	1413	1732.6	19.3	18.4	0.382	0.470	0.190	0.234	
ANT 1	Hotspot	Rel. 99	Mode B	5	Edge Right	1413	1732.6	19.3	18.4	0.120	0.148	0.057	0.070	
ANT 1	Hotspot	Rel. 99	Mode B	5	Edge Bottom	1312	1712.4	19.3	18.4	0.718	0.883	0.345	0.424	
ANT 1	Hotspot	Rel. 99	Mode B	5	Edge Bottom	1413	1732.6	19.3	18.4	0.765	0.941	0.365	0.449	
ANT 1	Hotspot	Rel. 99	Mode B	5	Edge Bottom	1513	1752.6	19.3	18.4	0.758	0.933	0.364	0.448	
ANT 1	Hotspot	Rel. 99	Mode B	5	Edge Left	1413	1732.6	19.3	18.4	0.008	0.010	0.004	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 2	Head	Rel. 99	Mode A	0	Left Cheek	1413	1732.6	19.9	18.9	0.490	0.617	0.242	0.305	
ANT 2	Head	Rel. 99	Mode A	0	Left Tilt	1413	1732.6	19.9	18.9	0.576	0.725	0.280	0.352	
ANT 2	Head	Rel. 99	Mode A	0	Right Cheek	1413	1732.6	19.9	18.9	0.625	0.787	0.319	0.402	
ANT 2	Head	Rel. 99	Mode A	0	Right Tilt	1312	1712.4	19.9	19.1	0.674	0.810	0.320	0.385	
ANT 2	Head	Rel. 99	Mode A	0	Right Tilt	1413	1732.6	19.9	18.9	0.699	0.880	0.334	0.420	
ANT 2	Head	Rel. 99	Mode A	0	Right Tilt	1513	1752.6	19.9	19.0	0.687	0.845	0.330	0.406	
ANT 2	Body & Hotspot	Rel. 99	Mode B	5	Back	1413	1732.6	20.0	19.6	0.535	0.587	0.268	0.294	
ANT 2	Body & Hotspot	Rel. 99	Mode B	5	Front	1413	1732.6	20.0	19.6	0.405	0.444	0.193	0.212	
ANT 2	Hotspot	Rel. 99	Mode B	5	Edge Top	1312	1712.4	20.0	19.6	0.797	0.874	0.366	0.401	
ANT 2	Hotspot	Rel. 99	Mode B	5	Edge Top	1413	1732.6	20.0	19.6	0.851	0.933	0.383	0.420	
ANT 2	Hotspot	Rel. 99	Mode B	5	Edge Top	1513	1752.6	20.0	19.5	0.847	0.950	0.384	0.431	10
ANT 2	Hotspot	Rel. 99	Mode B	5	Edge Right	1413	1732.6	20.0	19.6	0.039	0.043	0.021	0.023	
ANT 2	Hotspot	Rel. 99	Mode B	5	Edge Left	1413	1732.6	20.0	19.6	0.132	0.145	0.071	0.078	
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	22.8	22.8	0.147	0.147	0.095	0.095	
ANT 3	Head	Rel. 99	Mode A	0	Left Tilt	1413	1732.6	22.8	22.8	0.075	0.075	0.048	0.048	
ANT 3	Head	Rel. 99	Mode A	0	Right Cheek	1413	1732.6	22.8	22.8	0.088	0.088	0.058	0.058	
ANT 3	Head	Rel. 99	Mode A	0	Right Tilt	1413	1732.6	22.8	22.8	0.070	0.070	0.044	0.044	
ANT 3	Body & Hotspot	Rel. 99	Mode B	5	Back	1312	1712.4	22.3	21.7	0.728	0.836	0.384	0.441	
ANT 3	Body & Hotspot	Rel. 99	Mode B	5	Back	1413	1732.6	22.3	21.8	0.756	0.848	0.397	0.445	
ANT 3	Body & Hotspot	Rel. 99	Mode B	5	Back	1513	1752.6	22.3	21.8	0.836	0.938	0.432	0.485	11
ANT 3	Body & Hotspot	Rel. 99	Mode B	5	Front	1413	1732.6	22.3	21.8	0.333	0.374	0.192	0.215	
ANT 3	Hotspot	Rel. 99	Mode B	5	Edge Bottom	1413	1732.6	22.3	21.8	0.297	0.333	0.156	0.175	
ANT 3	Hotspot	Rel. 99	Mode B	5	Edge Left	1413	1732.6	22.3	21.8	0.543	0.609	0.292	0.328	
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	19.8	19.4	0.617	0.677	0.340	0.373	
ANT 4	Head	Rel. 99	Mode A	0	Left Cheek	1413	1732.6	19.8	19.4	0.746	0.818	0.411	0.451	
ANT 4	Head	Rel. 99	Mode A	0	Left Cheek	1513	1752.6	19.8	19.4	0.834	0.914	0.461	0.505	12
ANT 4	Head	Rel. 99	Mode A	0	Left Tilt	1413	1732.6	19.8	19.4	0.405	0.444	0.218	0.239	
ANT 4	Head	Rel. 99	Mode A	0	Right Cheek	1413	1732.6	19.8	19.4	0.262	0.287	0.163	0.179	
ANT 4	Head	Rel. 99	Mode A	0	Right Tilt	1413	1732.6	19.8	19.4	0.245	0.269	0.149	0.163	
ANT 4	Body & Hotspot	Rel. 99	Mode B	5	Back	1413	1732.6	22.4	21.4	0.618	0.778	0.327	0.412	
ANT 4	Body & Hotspot	Rel. 99	Mode B	5	Front	1413	1732.6	22.4	21.4	0.419	0.527	0.240	0.302	
ANT 4	Hotspot	Rel. 99	Mode B	5	Edge Top	1413	1732.6	22.4	21.4	0.343	0.432	0.157	0.198	
ANT 4	Hotspot	Rel. 99	Mode B	5	Edge Right	1312	1712.4	22.4	21.2	0.602	0.794	0.314	0.414	
ANT 4	Hotspot	Rel. 99	Mode B	5	Edge Right	1413	1732.6	22.4	21.4	0.719	0.905	0.374	0.471	
ANT 4	Hotspot	Rel. 99	Mode B	5	Edge Right	1513	1752.6	22.4	21.4	0.743	0.935	0.377	0.475	

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	0.158	0.169	0.122	0.131	
ANT 1	Head	Rel. 99	Mode A	0	Left Tilt	4183	836.6	25.7	25.4	0.072	0.077	0.057	0.061	
ANT 1	Head	Rel. 99	Mode A	0	Right Cheek	4183	836.6	25.7	25.4	0.130	0.139	0.103	0.110	
ANT 1	Head	Rel. 99	Mode A	0	Right Tilt	4183	836.6	25.7	25.4	0.075	0.080	0.059	0.063	
ANT 1	Body & Hotspot	Rel. 99	Mode B	5	Back	4132	826.4	25.7	25.3	0.743	0.815	0.406	0.445	
ANT 1	Body & Hotspot	Rel. 99	Mode B	5	Back	4183	836.6	25.7	25.4	0.759	0.813	0.420	0.450	
ANT 1	Body & Hotspot	Rel. 99	Mode B	5	Back	4233	846.6	25.7	25.3	0.825	0.905	0.456	0.500	13
ANT 1	Body & Hotspot	Rel. 99	Mode B	5	Front	4183	836.6	25.7	25.4	0.302	0.324	0.179	0.192	
ANT 1	Hotspot	Rel. 99	Mode B	5	Edge Right	4183	836.6	25.7	25.4	0.630	0.675	0.349	0.374	14
ANT 1	Hotspot	Rel. 99	Mode B	5	Edge Bottom	4183	836.6	25.7	25.4	0.340	0.364	0.153	0.164	
ANT 1	Hotspot	Rel. 99	Mode B	5	Edge Left	4183	836.6	25.7	25.4	0.201	0.215	0.131	0.140	
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	24.5	24.2	0.463	0.496	0.332	0.356	
ANT 2	Head	Rel. 99	Mode A	0	Left Tilt	4183	836.6	24.5	24.2	0.375	0.402	0.208	0.223	
ANT 2	Head	Rel. 99	Mode A	0	Right Cheek	4183	836.6	24.5	24.2	0.705	0.755	0.476	0.510	15
ANT 2	Head	Rel. 99	Mode A	0	Right Tilt	4183	836.6	24.5	24.2	0.481	0.515	0.262	0.281	
ANT 2	Body & Hotspot	Rel. 99	Mode B	5	Back	4183	836.6	24.7	24.4	0.694	0.744	0.416	0.446	
ANT 2	Body & Hotspot	Rel. 99	Mode B	5	Front	4183	836.6	24.7	24.4	0.323	0.346	0.187	0.200	
ANT 2	Hotspot	Rel. 99	Mode B	5	Edge Top	4183	836.6	24.7	24.4	0.260	0.279	0.125	0.134	
ANT 2	Hotspot	Rel. 99	Mode B	5	Edge Right	4183	836.6	24.7	24.4	0.163	0.175	0.105	0.113	
ANT 2	Hotspot	Rel. 99	Mode B	5	Edge Left	4183	836.6	24.7	24.4	0.279	0.299	0.168	0.180	

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	25.2	0.168	0.188	0.130	0.146	
ANT 1	Head	QPSK	Mode A	0	Left Cheek	20525	836.5	25	12	24.7	24.3	0.127	0.139	0.099	0.109	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	20525	836.5	1	25	25.7	25.2	0.071	0.080	0.056	0.063	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	20525	836.5	25	12	24.7	24.3	0.056	0.061	0.044	0.048	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	20525	836.5	1	25	25.7	25.2	0.157	0.176	0.125	0.140	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	20525	836.5	25	12	24.7	24.3	0.146	0.160	0.113	0.124	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	20525	836.5	1	25	25.7	25.2	0.064	0.072	0.051	0.057	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	20525	836.5	25	12	24.7	24.3	0.050	0.055	0.040	0.044	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	20525	836.5	1	25	25.7	25.2	0.582	0.653	0.334	0.375	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	20525	836.5	25	12	24.7	24.3	0.447	0.490	0.256	0.281	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	20525	836.5	1	25	25.7	25.2	0.327	0.367	0.200	0.224	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	20525	836.5	25	12	24.7	24.3	0.252	0.276	0.154	0.169	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	20525	836.5	1	25	25.7	25.2	0.498	0.559	0.326	0.366	16
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	20525	836.5	25	12	24.7	24.3	0.399	0.437	0.260	0.285	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	20525	836.5	1	25	25.7	25.2	0.286	0.321	0.129	0.145	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	20525	836.5	25	12	24.7	24.3	0.224	0.246	0.101	0.111	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	20525	836.5	1	25	25.7	25.2	0.186	0.209	0.123	0.138	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	20525	836.5	25	12	24.7	24.3	0.150	0.164	0.099	0.109	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	20525	836.5	1	25	24.5	23.7	0.595	0.715	0.394	0.474	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	20525	836.5	25	12	23.7	22.9	0.481	0.578	0.317	0.381	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	20525	836.5	1	25	24.5	23.7	0.406	0.488	0.228	0.274	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	20525	836.5	25	12	23.7	22.9	0.323	0.388	0.182	0.219	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	20525	836.5	1	25	24.5	23.7	0.755	0.908	0.509	0.612	17
ANT 2	Head	QPSK	Mode A	0	Right Cheek	20525	836.5	25	12	23.7	22.9	0.619	0.744	0.419	0.504	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	20525	836.5	1	25	24.5	23.7	0.444	0.534	0.246	0.296	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	20525	836.5	25	12	23.7	22.9	0.437	0.525	0.240	0.289	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	20525	836.5	1	25	24.7	23.9	0.762	0.916	0.465	0.559	18
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	20525	836.5	25	12	23.7	22.9	0.599	0.720	0.367	0.441	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	20525	836.5	1	25	24.7	23.9	0.266	0.320	0.177	0.213	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	20525	836.5	25	12	23.7	22.9	0.205	0.246	0.136	0.164	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	20525	836.5	1	25	24.7	23.9	0.229	0.275	0.112	0.135	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	20525	836.5	25	12	23.7	22.9	0.181	0.218	0.089	0.107	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	20525	836.5	1	25	24.7	23.9	0.164	0.197	0.105	0.126	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	20525	836.5	25	12	23.7	22.9	0.129	0.155	0.082	0.099	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	20525	836.5	1	25	24.7	23.9	0.282	0.339	0.181	0.218	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	20525	836.5	25	12	23.7	22.9	0.225	0.271	0.144	0.173	
ANT 3	Head	QPSK	Mode A	0	Left Cheek	20525	836.5	1	25	25.4	25.3	0.118	0.121	0.093	0.095	
ANT 3	Head	QPSK	Mode A	0	Left Cheek	20525	836.5	25	12	24.4	24.3	0.096	0.098	0.076	0.078	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	20525	836.5	1	25	25.4	25.3	0.063	0.064	0.050	0.051	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	20525	836.5	25	12	24.4	24.3	0.050	0.051	0.040	0.041	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	20525	836.5	1	25	25.4	25.3	0.097	0.099	0.076	0.078	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	20525	836.5	25	12	24.4	24.3	0.078	0.080	0.061	0.062	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	20525	836.5	1	25	25.4	25.3	0.056	0.057	0.043	0.044	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	20525	836.5	25	12	24.4	24.3	0.045	0.046	0.035	0.036	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	20525	836.5	1	25	25.3	25.2	0.426	0.436	0.235	0.240	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	20525	836.5	25	12	24.4	24.3	0.353	0.361	0.194	0.199	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	20525	836.5	1	25	25.3	25.2	0.273	0.279	0.154	0.158	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	20525	836.5	25	12	24.4	24.3	0.221	0.226	0.125	0.128	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	20525	836.5	1	25	25.3	25.2	0.285	0.292	0.117	0.120	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	20525	836.5	25	12	24.4	24.3	0.234	0.239	0.098	0.100	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	20525	836.5	1	25	25.3	25.2	0.324	0.332	0.153	0.157	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	20525	836.5	25	12	24.4	24.3	0.259	0.265	0.123	0.126	

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	25.0	0.044	0.052	0.033	0.039	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	20476	831.6	1	49	20575	841.5	1	0	25.7	25.0	0.304	0.357	0.173	0.203	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	20476	831.6	1	49	20575	841.5	1	0	24.5	23.7	0.408	0.491	0.260	0.313	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	20476	831.6	1	49	20575	841.5	1	0	24.7	24.4	0.281	0.301	0.165	0.177	
ANT 3	Head	QPSK	Mode A	0	Left Cheek	20476	831.6	1	49	20575	841.5	1	0	25.4	25.0	0.023	0.025	0.014	0.015	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	20476	831.6	1	49	20575	841.5	1	0	25.3	24.9	0.143	0.157	0.083	0.091	

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	20.0	19.5	0.087	0.098	0.047	0.053	
ANT 1	Head	QPSK	Mode A	0	Left Cheek	21100	2535	50	24	20.0	19.6	0.075	0.082	0.036	0.039	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	21100	2535	1	49	20.0	19.5	0.074	0.083	0.037	0.042	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	21100	2535	50	24	20.0	19.6	0.061	0.067	0.031	0.034	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	21100	2535	1	49	20.0	19.5	0.284	0.319	0.148	0.166	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	21100	2535	50	24	20.0	19.6	0.229	0.251	0.118	0.129	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	21100	2535	1	49	20.0	19.5	0.084	0.094	0.043	0.048	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	21100	2535	50	24	20.0	19.6	0.064	0.070	0.032	0.035	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	20850	2510	1	49	22.0	20.7	0.592	0.799	0.307	0.414	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	20850	2510	50	24	22.0	20.8	0.604	0.796	0.313	0.413	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	21100	2535	1	49	22.0	20.8	0.655	0.863	0.332	0.438	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	21100	2535	50	24	22.0	20.8	0.663	0.874	0.337	0.444	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	21100	2535	100	0	22.0	20.8	0.660	0.870	0.334	0.440	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	21350	2560	1	49	22.0	20.7	0.549	0.741	0.278	0.375	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	21350	2560	50	24	22.0	20.9	0.564	0.727	0.286	0.368	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	21100	2535	1	49	22.0	20.8	0.310	0.409	0.160	0.211	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	21100	2535	50	24	22.0	20.8	0.308	0.406	0.159	0.210	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	20850	2510	1	49	22.0	20.7	0.679	0.916	0.292	0.394	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	20850	2510	50	24	22.0	20.8	0.698	0.920	0.300	0.395	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	21100	2535	1	49	22.0	20.8	0.711	0.937	0.307	0.405	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	21100	2535	50	24	22.0	20.8	0.716	0.944	0.309	0.407	19
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	21100	2535	100	0	22.0	20.8	0.708	0.933	0.306	0.403	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	21350	2560	1	49	22.0	20.7	0.662	0.893	0.279	0.376	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	21350	2560	50	24	22.0	20.9	0.676	0.871	0.285	0.367	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	21100	2535	1	49	22.0	20.8	0.424	0.559	0.169	0.223	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	21100	2535	50	24	22.0	20.8	0.432	0.569	0.171	0.225	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	21100	2535	1	49	22.0	20.8	0.090	0.119	0.041	0.054	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	21100	2535	50	24	22.0	20.8	0.091	0.120	0.040	0.053	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	21100	2535	1	49	19.3	18.1	0.380	0.501	0.148	0.195	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	21100	2535	50	24	19.3	18.2	0.389	0.501	0.151	0.195	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	21100	2535	1	49	19.3	18.1	0.480	0.633	0.180	0.237	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	21100	2535	50	24	19.3	18.2	0.513	0.661	0.194	0.250	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	20850	2510	1	49	19.3	18.2	0.698	0.899	0.298	0.384	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	20850	2510	50	24	19.3	18.3	0.718	0.904	0.306	0.385	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	21100	2535	1	49	19.3	18.1	0.703	0.927	0.299	0.394	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	21100	2535	50	24	19.3	18.2	0.714	0.920	0.304	0.392	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	21100	2535	100	0	19.3	18.2	0.708	0.912	0.302	0.389	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	21350	2560	1	49	19.3	18.3	0.703	0.885	0.299	0.376	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	21350	2560	50	24	19.3	18.3	0.729	0.918	0.310	0.390	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	21100	2535	1	49	19.3	18.1	0.662	0.873	0.255	0.336	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	21100	2535	50	24	19.3	18.2	0.663	0.854	0.256	0.330	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	20850	2510	1	49	19.9	19.1	0.671	0.807	0.264	0.317	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	20850	2510	50	24	19.9	19.3	0.689	0.791	0.271	0.311	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	21100	2535	1	49	19.9	19.1	0.782	0.940	0.302	0.363	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	21100	2535	50	24	19.9	19.2	0.798	0.938	0.309	0.363	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	21100	2535	100	0	19.9	19.2	0.802	0.942	0.314	0.369	20
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	21350	2560	1	49	19.9	19.2	0.690	0.811	0.265	0.311	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	21350	2560	50	24	19.9	19.3	0.710	0.815	0.273	0.313	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	21100	2535	1	49	19.9	19.1	0.395	0.475	0.170	0.204	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	21100	2535	50	24	19.9	19.2	0.424	0.498	0.181	0.213	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	21100	2535	1	49	19.9	19.1	0.413	0.497	0.152	0.183	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	21100	2535	50	24	19.9	19.2	0.422	0.496	0.154	0.181	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	21100	2535	1	49	19.9	19.1	0.056	0.067	0.026	0.031	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	21100	2535	50	24	19.9	19.2	0.056	0.066	0.026	0.031	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	21100	2535	1	49	19.9	19.1	0.636	0.765	0.269	0.323	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	21100	2535	50	24	19.9	19.2	0.643	0.755	0.273	0.321	
ANT 3	Head	QPSK	Mode A	0	Left Cheek	21100	2535	1	49	21.8	21.4	0.135	0.148	0.065	0.071	
ANT 3	Head	QPSK	Mode A	0	Left Cheek	21100	2535	50	24	21.8	21.6	0.137	0.143	0.066	0.069	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	21100	2535	1	49	21.8	21.4	0.033	0.036	0.015	0.016	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	21100	2535	50	24	21.8	21.6	0.035	0.037	0.016	0.017	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	21100	2535	1	49	21.8	21.4	0.059	0.065	0.028	0.031	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	21100	2535	50	24	21.8	21.6	0.043	0.045	0.022	0.023	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	21100	2535	1	49	21.8	21.4	0.051	0.056	0.023	0.025	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	21100	2535	50	24	21.8	21.6	0.055	0.058	0.026	0.027	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	20850	2510	1	49	21.0	20.7	0.778	0.834	0.333	0.357	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	20850	2510	50	24	21.0	20.8	0.806	0.844	0.342	0.358	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	21100	2535	1	49	21.0	20.7	0.758	0.812	0.312	0.334	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	21100	2535	50	24	21.0	20.8	0.753	0.788	0.322	0.337	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	21100	2535	100	0	21.0	20.8	0.719	0.753	0.314	0.329	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	21350	2560	1	49	21.0	20.8	0.876	0.917	0.407	0.426	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	21350	2560	50	24	21.0	20.9	0.849	0.869	0.385	0.394	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	21100	2535	1	49	21.0	20.7	0.319	0.342	0.151	0.162	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	21100	2535	50	24	21.0	20.8	0.328	0.343	0.154	0.161	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	21100	2535	1	49	21.0	20.7	0.217	0.233	0.106	0.114	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	21100	2535	50	24	21.0	20.8	0.226	0.237	0.111	0.116	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	21100	2535	1	49	21.0	20.7	0.573	0.614	0.241	0.258	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	21100	2535	50	24	21.0	20.8	0.552	0.578	0.233	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 4	Head	QPSK	Mode A	0	Left Cheek	20850	2510	1	49	20.0	19.6	0.812	0.890	0.328	0.360	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	20850	2510	50	24	20.0	19.8	0.823	0.862	0.332	0.348	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	21100	2535	1	49	20.0	19.5	0.839	0.941	0.336	0.377	21
ANT 4	Head	QPSK	Mode A	0	Left Cheek	21100	2535	50	24	20.0	19.7	0.857	0.918	0.344	0.369	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	21100	2535	100	0	20.0	19.7	0.804	0.862	0.324	0.347	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	21350	2560	1	49	20.0	19.8	0.840	0.880	0.341	0.357	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	21350	2560	50	24	20.0	19.8	0.867	0.908	0.352	0.369	
ANT 4	Head	QPSK	Mode A	0	Left Tilt	21100	2535	1	49	20.0	19.5	0.242	0.272	0.122	0.137	
ANT 4	Head	QPSK	Mode A	0	Left Tilt	21100	2535	50	24	20.0	19.7	0.241	0.258	0.123	0.132	
ANT 4	Head	QPSK	Mode A	0	Right Cheek	21100	2535	1	49	20.0	19.5	0.216	0.242	0.111	0.125	
ANT 4	Head	QPSK	Mode A	0	Right Cheek	21100	2535	50	24	20.0	19.7	0.222	0.238	0.114	0.122	
ANT 4	Head	QPSK	Mode A	0	Right Tilt	21100	2535	1	49	20.0	19.5	0.068	0.076	0.034	0.038	
ANT 4	Head	QPSK	Mode A	0	Right Tilt	21100	2535	50	24	20.0	19.7	0.068	0.073	0.034	0.036	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	20850	2510	1	49	20.4	20.2	0.742	0.777	0.305	0.319	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	20850	2510	50	24	20.4	20.3	0.741	0.758	0.305	0.312	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	21100	2535	1	49	20.4	20.1	0.751	0.805	0.312	0.334	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	21100	2535	50	24	20.4	20.2	0.764	0.800	0.315	0.330	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	21100	2535	100	0	20.4	20.2	0.754	0.790	0.312	0.327	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	21350	2560	1	49	20.4	20.3	0.782	0.800	0.324	0.332	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	21350	2560	50	24	20.4	20.4	0.801	0.801	0.331	0.331	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Front	21100	2535	1	49	20.4	20.1	0.373	0.400	0.165	0.177	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Front	21100	2535	50	24	20.4	20.2	0.385	0.403	0.170	0.178	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Top	21100	2535	1	49	20.4	20.1	0.083	0.089	0.039	0.042	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Top	21100	2535	50	24	20.4	20.2	0.085	0.089	0.041	0.043	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	20850	2510	1	49	20.4	20.2	0.892	0.934	0.384	0.402	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	20850	2510	50	24	20.4	20.3	0.901	0.922	0.387	0.396	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	21100	2535	1	49	20.4	20.1	0.847	0.908	0.362	0.388	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	21100	2535	50	24	20.4	20.2	0.870	0.911	0.372	0.390	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	21100	2535	100	0	20.4	20.2	0.871	0.912	0.372	0.390	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	21350	2560	1	49	20.4	20.3	0.874	0.894	0.372	0.381	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	21350	2560	50	24	20.4	20.4	0.926	0.926	0.375	0.375	

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	20.0	19.5	0.182	0.204	0.097	0.109	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	21001	2525.1	1	99	21199	2544.9	1	0	22.0	20.7	0.246	0.332	0.125	0.169	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	21001	2525.1	1	99	21199	2544.9	1	0	22.0	20.7	0.360	0.486	0.158	0.213	
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	21001	2525.1	1	99	21199	2544.9	1	0	19.3	18.2	0.465	0.599	0.207	0.267	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	21001	2525.1	1	99	21199	2544.9	1	0	19.9	19.1	0.479	0.576	0.189	0.227	
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	21.8	21.5	0.073	0.078	0.035	0.038	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	21152	2540.2	1	99	21350	2560	1	0	21.0	20.6	0.457	0.501	0.187	0.205	
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	20.0	19.4	0.465	0.534	0.198	0.227	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	21001	2525.1	1	99	21199	2544.9	1	0	20.4	20.2	0.566	0.593	0.240	0.251	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	20850	2510	1	99	21048	2529.8	1	0	20.4	20.4	0.737	0.737	0.306	0.306	

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	0.131	0.140	0.104	0.111	
ANT 1	Head	QPSK	Mode A	0	Left Cheek	23095	707.5	25	12	24.7	24.4	0.103	0.110	0.082	0.088	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	23095	707.5	1	25	25.7	25.4	0.087	0.093	0.071	0.076	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	23095	707.5	25	12	24.7	24.4	0.070	0.075	0.057	0.061	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	23095	707.5	1	25	25.7	25.4	0.149	0.160	0.119	0.128	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	23095	707.5	25	12	24.7	24.4	0.117	0.125	0.093	0.100	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	23095	707.5	1	25	25.7	25.4	0.082	0.088	0.067	0.072	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	23095	707.5	25	12	24.7	24.4	0.064	0.069	0.052	0.056	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	23095	707.5	1	25	25.7	25.4	0.367	0.393	0.243	0.260	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	23095	707.5	25	12	24.7	24.4	0.287	0.308	0.191	0.205	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	23095	707.5	1	25	25.7	25.4	0.259	0.278	0.185	0.198	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	23095	707.5	25	12	24.7	24.4	0.204	0.219	0.146	0.156	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	23095	707.5	1	25	25.7	25.4	0.709	0.760	0.474	0.508	22
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	23095	707.5	25	12	24.7	24.4	0.560	0.600	0.374	0.401	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	23095	707.5	1	25	25.7	25.4	0.179	0.192	0.081	0.087	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	23095	707.5	25	12	24.7	24.4	0.142	0.152	0.065	0.070	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	23095	707.5	1	25	25.7	25.4	0.358	0.384	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	0.190	0.204	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	23095	707.5	1	25	24.7	24.3	0.418	0.458	0.271	0.297	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	23095	707.5	25	12	23.7	23.3	0.364	0.399	0.229	0.251	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	23095	707.5	1	25	24.7	24.3	0.440	0.482	0.241	0.264	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	23095	707.5	25	12	23.7	23.3	0.358	0.393	0.196	0.215	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	23095	707.5	1	25	24.7	24.3	0.728	0.798	0.433	0.475	23
ANT 2	Head	QPSK	Mode A	0	Right Cheek	23095	707.5	25	12	23.7	23.3	0.588	0.645	0.349	0.383	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	23095	707.5	1	25	24.7	24.3	0.505	0.554	0.273	0.299	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	23095	707.5	25	12	23.7	23.3	0.409	0.448	0.222	0.243	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	23095	707.5	1	25	24.7	24.3	0.422	0.463	0.266	0.292	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	23095	707.5	25	12	23.7	23.3	0.357	0.391	0.215	0.236	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	23095	707.5	1	25	24.7	24.3	0.159	0.174	0.110	0.121	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	23095	707.5	25	12	23.7	23.3	0.131	0.144	0.090	0.099	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	23095	707.5	1	25	24.7	24.3	0.123	0.135	0.063	0.069	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	23095	707.5	25	12	23.7	23.3	0.101	0.111	0.052	0.057	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	23095	707.5	1	25	24.7	24.3	0.126	0.138	0.084	0.092	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	23095	707.5	25	12	23.7	23.3	0.100	0.110	0.066	0.072	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	23095	707.5	1	25	24.7	24.3	0.237	0.260	0.157	0.172	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	23095	707.5	25	12	23.7	23.3	0.190	0.208	0.126	0.138	
ANT 3	Head	QPSK	Mode A	0	Left Cheek	23095	707.5	1	25	25.4	24.9	0.081	0.091	0.065	0.073	
ANT 3	Head	QPSK	Mode A	0	Left Cheek	23095	707.5	25	12	24.4	23.9	0.066	0.074	0.052	0.058	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	23095	707.5	1	25	25.4	24.9	0.054	0.061	0.044	0.049	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	23095	707.5	25	12	24.4	23.9	0.043	0.048	0.035	0.039	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	23095	707.5	1	25	25.4	24.9	0.059	0.066	0.048	0.054	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	23095	707.5	25	12	24.4	23.9	0.047	0.053	0.038	0.043	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	23095	707.5	1	25	25.4	24.9	0.032	0.036	0.026	0.029	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	23095	707.5	25	12	24.4	23.9	0.025	0.028	0.020	0.022	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	23095	707.5	1	25	25.4	24.9	0.507	0.569	0.264	0.296	24
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	23095	707.5	25	12	24.4	23.9	0.408	0.458	0.212	0.238	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	23095	707.5	1	25	25.4	24.9	0.178	0.200	0.107	0.120	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	23095	707.5	25	12	24.4	23.9	0.145	0.163	0.087	0.098	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	23095	707.5	1	25	25.4	24.9	0.254	0.285	0.100	0.112	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	23095	707.5	25	12	24.4	23.9	0.205	0.230	0.080	0.090	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	23095	707.5	1	25	25.4	24.9	0.433	0.486	0.259	0.291	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	23095	707.5	25	12	24.4	23.9	0.346	0.388	0.207	0.232	

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	25.3	0.207	0.227	0.163	0.179	
ANT 1	Head	QPSK	Mode A	0	Left Cheek	23230	782	25	12	24.7	24.3	0.164	0.180	0.129	0.141	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	23230	782	1	25	25.7	25.3	0.130	0.143	0.105	0.115	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	23230	782	25	12	24.7	24.3	0.102	0.112	0.082	0.090	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	23230	782	1	25	25.7	25.3	0.208	0.228	0.167	0.183	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	23230	782	25	12	24.7	24.3	0.170	0.186	0.135	0.148	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	23230	782	1	25	25.7	25.3	0.122	0.134	0.100	0.110	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	23230	782	25	12	24.7	24.3	0.096	0.105	0.078	0.086	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	23230	782	1	25	25.7	25.3	0.470	0.515	0.309	0.339	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	23230	782	25	12	24.7	24.3	0.367	0.402	0.241	0.264	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	23230	782	1	25	25.7	25.3	0.311	0.341	0.208	0.228	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	23230	782	25	12	24.7	24.3	0.242	0.265	0.162	0.178	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	23230	782	1	25	25.7	25.3	0.759	0.832	0.500	0.548	25
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	23230	782	25	12	24.7	24.3	0.606	0.664	0.399	0.437	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	23230	782	1	25	25.7	25.3	0.197	0.216	0.086	0.094	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	23230	782	25	12	24.7	24.3	0.154	0.169	0.068	0.075	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	23230	782	1	25	25.7	25.3	0.430	0.471	0.280	0.307	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	23230	782	25	12	24.7	24.3	0.337	0.370	0.219	0.240	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	23230	782	1	25	24.5	23.9	0.616	0.707	0.441	0.506	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	23230	782	25	12	23.7	23.2	0.517	0.580	0.371	0.416	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	23230	782	1	25	24.5	23.9	0.457	0.525	0.266	0.305	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	23230	782	25	12	23.7	23.2	0.384	0.431	0.224	0.251	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	23230	782	1	25	24.5	23.9	0.715	0.821	0.453	0.520	26
ANT 2	Head	QPSK	Mode A	0	Right Cheek	23230	782	25	12	23.7	23.2	0.590	0.662	0.373	0.419	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	23230	782	1	25	24.5	23.9	0.492	0.565	0.287	0.330	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	23230	782	25	12	23.7	23.2	0.406	0.456	0.236	0.265	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	23230	782	1	25	24.5	23.9	0.613	0.704	0.365	0.419	27
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	23230	782	25	12	23.7	23.2	0.505	0.567	0.300	0.337	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	23230	782	1	25	24.5	23.9	0.270	0.310	0.181	0.208	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	23230	782	25	12	23.7	23.2	0.225	0.252	0.151	0.169	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	23230	782	1	25	24.5	23.9	0.278	0.319	0.142	0.163	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	23230	782	25	12	23.7	23.2	0.171	0.192	0.085	0.095	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	23230	782	1	25	24.5	23.9	0.201	0.231	0.131	0.150	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	23230	782	25	12	23.7	23.2	0.168	0.188	0.109	0.122	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	23230	782	1	25	24.5	23.9	0.301	0.346	0.196	0.225	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	23230	782	25	12	23.7	23.2	0.255	0.286	0.165	0.185	
ANT 3	Head	QPSK	Mode A	0	Left Cheek	23230	782	1	25	25.4	25.0	0.114	0.125	0.088	0.096	
ANT 3	Head	QPSK	Mode A	0	Left Cheek	23230	782	25	12	24.4	24.0	0.091	0.100	0.070	0.077	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	23230	782	1	25	25.4	25.0	0.069	0.076	0.056	0.061	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	23230	782	25	12	24.4	24.0	0.055	0.060	0.045	0.049	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	23230	782	1	25	25.4	25.0	0.075	0.082	0.060	0.066	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	23230	782	25	12	24.4	24.0	0.059	0.065	0.047	0.052	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	23230	782	1	25	25.4	25.0	0.051	0.056	0.042	0.046	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	23230	782	25	12	24.4	24.0	0.040	0.044	0.033	0.036	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	23230	782	1	25	25.4	25.0	0.507	0.556	0.270	0.296	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	23230	782	25	12	24.4	24.0	0.399	0.437	0.213	0.234	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	23230	782	1	25	25.4	25.0	0.164	0.180	0.099	0.109	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	23230	782	25	12	24.4	24.0	0.131	0.144	0.079	0.087	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	23230	782	1	25	25.4	25.0	0.260	0.285	0.103	0.113	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	23230	782	25	12	24.4	24.0	0.202	0.221	0.081	0.089	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	23230	782	1	25	25.4	25.0	0.408	0.447	0.218	0.239	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	23230	782	25	12	24.4	24.0	0.319	0.350	0.171	0.187	

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	25.1	0.171	0.196	0.134	0.154	
ANT 1	Head	QPSK	Mode A	0	Left Cheek	23330	793	25	12	24.7	24.2	0.135	0.151	0.106	0.119	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	23330	793	1	25	25.7	25.1	0.098	0.113	0.079	0.091	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	23330	793	25	12	24.7	24.2	0.077	0.086	0.062	0.070	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	23330	793	1	25	25.7	25.1	0.173	0.199	0.137	0.157	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	23330	793	25	12	24.7	24.2	0.139	0.156	0.111	0.125	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	23330	793	1	25	25.7	25.1	0.106	0.122	0.084	0.096	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	23330	793	25	12	24.7	24.2	0.085	0.095	0.067	0.075	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	23330	793	1	25	25.7	25.1	0.441	0.506	0.270	0.310	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	23330	793	25	12	24.7	24.2	0.351	0.394	0.216	0.242	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	23330	793	1	25	25.7	25.1	0.277	0.318	0.178	0.204	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	23330	793	25	12	24.7	24.2	0.222	0.249	0.142	0.159	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	23330	793	1	25	25.7	25.1	0.775	0.890	0.508	0.583	28
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	23330	793	25	12	24.7	24.2	0.632	0.709	0.413	0.463	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	23330	793	1	25	25.7	25.1	0.223	0.256	0.099	0.114	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	23330	793	25	12	24.7	24.2	0.176	0.197	0.078	0.088	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	23330	793	1	25	25.7	25.1	0.309	0.355	0.201	0.231	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	23330	793	25	12	24.7	24.2	0.249	0.279	0.161	0.181	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	23330	793	1	25	24.5	23.9	0.573	0.658	0.411	0.472	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	23330	793	25	12	23.7	23.1	0.488	0.560	0.350	0.402	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	23330	793	1	25	24.5	23.9	0.437	0.502	0.251	0.288	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	23330	793	25	12	23.7	23.1	0.372	0.427	0.213	0.245	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	23330	793	1	25	24.5	23.9	0.679	0.780	0.427	0.490	29
ANT 2	Head	QPSK	Mode A	0	Right Cheek	23330	793	25	12	23.7	23.1	0.574	0.659	0.361	0.414	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	23330	793	1	25	24.5	23.9	0.437	0.502	0.248	0.285	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	23330	793	25	12	23.7	23.1	0.370	0.425	0.210	0.241	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	23330	793	1	25	24.5	23.9	0.636	0.730	0.376	0.432	30
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	23330	793	25	12	23.7	23.1	0.538	0.618	0.280	0.321	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	23330	793	1	25	24.5	23.9	0.257	0.295	0.170	0.195	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	23330	793	25	12	23.7	23.1	0.218	0.250	0.145	0.166	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	23330	793	1	25	24.5	23.9	0.214	0.246	0.106	0.122	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	23330	793	25	12	23.7	23.1	0.182	0.209	0.090	0.103	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	23330	793	1	25	24.5	23.9	0.224	0.257	0.147	0.169	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	23330	793	25	12	23.7	23.1	0.189	0.217	0.124	0.142	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	23330	793	1	25	24.5	23.9	0.291	0.334	0.190	0.218	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	23330	793	25	12	23.7	23.1	0.244	0.280	0.159	0.183	
ANT 3	Head	QPSK	Mode A	0	Left Cheek	23330	793	1	25	25.4	24.9	0.087	0.098	0.067	0.075	
ANT 3	Head	QPSK	Mode A	0	Left Cheek	23330	793	25	12	24.4	23.9	0.070	0.079	0.054	0.061	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	23330	793	1	25	25.4	24.9	0.042	0.047	0.034	0.038	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	23330	793	25	12	24.4	23.9	0.034	0.038	0.027	0.030	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	23330	793	1	25	25.4	24.9	0.062	0.070	0.050	0.056	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	23330	793	25	12	24.4	23.9	0.050	0.056	0.040	0.045	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	23330	793	1	25	25.4	24.9	0.046	0.052	0.037	0.042	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	23330	793	25	12	24.4	23.9	0.036	0.040	0.029	0.033	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	23330	793	1	25	25.4	24.9	0.421	0.472	0.223	0.250	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	23330	793	25	12	24.4	23.9	0.341	0.383	0.181	0.203	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	23330	793	1	25	25.4	24.9	0.150	0.168	0.090	0.101	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	23330	793	25	12	24.4	23.9	0.120	0.135	0.072	0.081	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	23330	793	1	25	25.4	24.9	0.204	0.229	0.084	0.094	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	23330	793	25	12	24.4	23.9	0.167	0.187	0.068	0.076	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	23330	793	1	25	25.4	24.9	0.406	0.456	0.208	0.233	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	23330	793	25	12	24.4	23.9	0.328	0.368	0.171	0.192	

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	25.7	25.3	0.106	0.116	0.073	0.080	
ANT 1	Head	QPSK	Mode A	0	Left Cheek	26365	1882.5	50	24	24.7	24.4	0.085	0.091	0.058	0.062	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	26365	1882.5	1	49	25.7	25.3	0.098	0.107	0.062	0.068	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	26365	1882.5	50	24	24.7	24.4	0.077	0.083	0.049	0.053	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	26365	1882.5	1	49	25.7	25.3	0.224	0.246	0.142	0.156	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	26365	1882.5	50	24	24.7	24.4	0.178	0.191	0.113	0.121	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	26365	1882.5	1	49	25.7	25.3	0.097	0.106	0.064	0.070	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	26365	1882.5	50	24	24.7	24.4	0.077	0.083	0.051	0.055	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	26365	1882.5	1	49	19.5	18.6	0.402	0.495	0.218	0.268	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	26365	1882.5	50	24	19.5	18.7	0.415	0.499	0.225	0.271	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	26365	1882.5	1	49	19.5	18.6	0.365	0.449	0.183	0.225	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	26365	1882.5	50	24	19.5	18.7	0.370	0.445	0.186	0.224	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	26365	1882.5	1	49	19.5	18.6	0.247	0.304	0.118	0.145	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	26365	1882.5	50	24	19.5	18.7	0.247	0.297	0.118	0.142	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	26140	1860	1	49	19.5	18.6	0.744	0.915	0.350	0.431	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	26140	1860	50	24	19.5	18.7	0.757	0.910	0.357	0.429	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	26365	1882.5	1	49	19.5	18.6	0.735	0.904	0.348	0.428	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	26365	1882.5	50	24	19.5	18.7	0.746	0.897	0.353	0.424	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	26365	1882.5	100	0	19.5	18.7	0.764	0.919	0.363	0.436	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	26590	1905	1	49	19.5	18.5	0.739	0.930	0.350	0.441	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	26590	1905	50	24	19.5	18.7	0.747	0.898	0.354	0.426	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	26365	1882.5	1	49	19.5	18.6	0.045	0.055	0.024	0.030	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	26365	1882.5	50	24	19.5	18.7	0.020	0.024	0.010	0.012	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	26365	1882.5	1	49	20.6	19.6	0.298	0.375	0.154	0.194	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	26365	1882.5	50	24	20.6	19.7	0.310	0.381	0.160	0.197	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	26365	1882.5	1	49	20.6	19.6	0.341	0.429	0.170	0.214	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	26365	1882.5	50	24	20.6	19.7	0.346	0.426	0.173	0.213	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	26140	1860	1	49	20.6	19.6	0.720	0.906	0.380	0.478	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	26140	1860	50	24	20.6	19.8	0.740	0.890	0.391	0.470	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	26365	1882.5	1	49	20.6	19.6	0.735	0.925	0.400	0.504	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	26365	1882.5	50	24	20.6	19.7	0.752	0.925	0.411	0.506	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	26365	1882.5	100	0	20.6	19.7	0.751	0.924	0.410	0.504	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	26590	1905	1	49	20.6	19.6	0.750	0.944	0.415	0.522	31
ANT 2	Head	QPSK	Mode A	0	Right Cheek	26590	1905	50	24	20.6	19.7	0.754	0.928	0.417	0.513	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	26140	1860	1	49	20.6	19.6	0.739	0.930	0.344	0.433	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	26140	1860	50	24	20.6	19.8	0.759	0.913	0.354	0.426	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	26365	1882.5	1	49	20.6	19.6	0.638	0.803	0.308	0.388	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	26365	1882.5	50	24	20.6	19.7	0.660	0.812	0.318	0.391	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	26365	1882.5	100	0	20.6	19.7	0.656	0.807	0.316	0.389	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	26590	1905	1	49	20.6	19.6	0.611	0.769	0.297	0.374	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	26590	1905	50	24	20.6	19.7	0.632	0.778	0.307	0.378	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	26140	1860	1	49	20.1	19.6	0.627	0.704	0.302	0.339	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	26140	1860	50	24	20.1	19.8	0.646	0.692	0.311	0.333	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	26365	1882.5	1	49	20.1	19.6	0.720	0.808	0.334	0.375	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	26365	1882.5	50	24	20.1	19.7	0.738	0.809	0.344	0.377	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	26365	1882.5	100	0	20.1	19.7	0.660	0.724	0.310	0.340	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	26590	1905	1	49	20.1	19.6	0.637	0.715	0.293	0.329	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	26590	1905	50	24	20.1	19.7	0.657	0.720	0.302	0.331	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	26365	1882.5	1	49	20.1	19.6	0.255	0.286	0.127	0.142	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	26365	1882.5	50	24	20.1	19.7	0.262	0.287	0.131	0.144	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	26140	1860	1	49	20.1	19.6	0.836	0.938	0.391	0.439	32
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	26140	1860	50	24	20.1	19.8	0.871	0.933	0.406	0.435	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	26365	1882.5	1	49	20.1	19.6	0.781	0.876	0.363	0.407	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	26365	1882.5	50	24	20.1	19.7	0.805	0.883	0.373	0.409	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	26365	1882.5	100	0	20.1	19.7	0.782	0.857	0.363	0.398	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	26590	1905	1	49	20.1	19.6	0.687	0.771	0.316	0.355	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	26590	1905	50	24	20.1	19.7	0.707	0.775	0.325	0.356	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	26365	1882.5	1	49	20.1	19.6	0.018	0.020	0.009	0.010	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	26365	1882.5	50	24	20.1	19.7	0.017	0.019	0.008	0.009	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	26365	1882.5	1	49	20.1	19.6	0.313	0.351	0.160	0.180	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	26365	1882.5	50	24	20.1	19.7	0.322	0.353	0.164	0.180	
ANT 3	Head	QPSK	Mode A	0	Left Cheek	26365	1882.5	1	49	23.3	23.1	0.252	0.264	0.154	0.161	
ANT 3	Head	QPSK	Mode A	0	Left Cheek	26365	1882.5	50	24	23.3	23.1	0.260	0.272	0.158	0.165	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	26365	1882.5	1	49	23.3	23.1	0.149	0.156	0.096	0.101	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	26365	1882.5	50	24	23.3	23.1	0.153	0.160	0.099	0.104	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	26365	1882.5	1	49	23.3	23.1	0.143	0.150	0.091	0.095	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	26365	1882.5	50	24	23.3	23.1	0.148	0.155	0.094	0.098	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	26365	1882.5	1	49	23.3	23.1	0.118	0.124	0.072	0.075	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	26365	1882.5	50	24	23.3	23.1	0.110	0.115	0.068	0.071	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	26140	1860	1	49	21.9	21.8	0.789	0.807	0.418	0.428	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	26140	1860	50	24	21.9	21.7	0.815	0.853	0.431	0.451	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	26365	1882.5	1	49	21.9	21.5	0.841	0.922	0.436	0.478	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	26365	1882.5	50	24	21.9	21.6	0.855	0.916	0.442	0.474	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	26365	1882.5	100	0	21.9	21.7	0.852	0.892	0.440	0.461	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	26590	1905	1	49	21.9	21.5	0.851	0.933	0.433	0.475	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	26590	1905	50	24	21.9	21.6	0.878	0.941	0.445	0.477	33
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	26365	1882.5	1	49	21.9	21.5	0.436	0.478	0.254	0.279	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	26365	1882.5	50	24	21.9	21.6	0.442	0.474	0.268	0.287	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	26365	1882.5	1	49	21.9	21.5	0.210	0.230	0.112	0.123	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	26365	1882.5	50	24	21.9	21.6	0.212	0.227	0.113	0.121	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	26140	1860	1	49	21.9	21.8	0.669	0.685	0.359	0.367	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	26140	1860	50	24	21.9	21.7	0.686	0.718	0.368	0.385	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	26365	1882.5	1	49	21.9	21.5	0.757	0.830	0.395	0.433	
ANT 3	Hotspot	QPSK	Mode B													

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	21.1	19.9	0.712	0.939	0.385	0.508	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	26140	1860	50	24	21.1	20.1	0.728	0.916	0.414	0.521	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	26365	1882.5	1	49	21.1	20.0	0.592	0.763	0.339	0.437	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	26365	1882.5	50	24	21.1	20.0	0.605	0.779	0.345	0.444	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	26590	1905	1	49	21.1	20.1	0.540	0.680	0.307	0.386	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	26590	1905	50	24	21.1	20.2	0.546	0.672	0.311	0.383	
ANT 4	Head	QPSK	Mode A	0	Left Tilt	26365	1882.5	1	49	21.1	20.0	0.431	0.555	0.242	0.312	
ANT 4	Head	QPSK	Mode A	0	Left Tilt	26365	1882.5	50	24	21.1	20.0	0.438	0.564	0.246	0.317	
ANT 4	Head	QPSK	Mode A	0	Right Cheek	26365	1882.5	1	49	21.1	20.0	0.398	0.513	0.249	0.321	
ANT 4	Head	QPSK	Mode A	0	Right Cheek	26365	1882.5	50	24	21.1	20.0	0.353	0.455	0.219	0.282	
ANT 4	Head	QPSK	Mode A	0	Right Tilt	26365	1882.5	1	49	21.1	20.0	0.318	0.410	0.189	0.243	
ANT 4	Head	QPSK	Mode A	0	Right Tilt	26365	1882.5	50	24	21.1	20.0	0.251	0.323	0.149	0.192	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	26140	1860	1	49	21.3	21.0	0.864	0.926	0.450	0.482	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	26140	1860	50	24	21.3	21.1	0.891	0.933	0.464	0.486	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	26365	1882.5	1	49	21.3	21.0	0.741	0.794	0.392	0.420	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	26365	1882.5	50	24	21.3	21.1	0.737	0.772	0.388	0.406	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	26365	1882.5	100	0	21.3	21.1	0.793	0.830	0.412	0.431	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	26590	1905	1	49	21.3	21.0	0.656	0.703	0.346	0.371	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	26590	1905	50	24	21.3	21.2	0.661	0.676	0.347	0.355	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Front	26365	1882.5	1	49	21.3	21.0	0.215	0.230	0.129	0.138	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Front	26365	1882.5	50	24	21.3	21.1	0.217	0.227	0.130	0.136	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Top	26365	1882.5	1	49	21.3	21.0	0.228	0.244	0.106	0.114	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Top	26365	1882.5	50	24	21.3	21.1	0.230	0.241	0.106	0.111	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	26365	1882.5	1	49	21.3	21.0	0.519	0.556	0.258	0.276	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	26365	1882.5	50	24	21.3	21.1	0.528	0.553	0.261	0.273	

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	25.3	0.160	0.175	0.123	0.135	
ANT 1	Head	QPSK	Mode A	0	Left Cheek	26865	831.5	25	12	24.7	24.4	0.122	0.131	0.094	0.101	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	26865	831.5	1	25	25.7	25.3	0.093	0.102	0.073	0.080	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	26865	831.5	25	12	24.7	24.4	0.074	0.079	0.058	0.062	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	26865	831.5	1	25	25.7	25.3	0.152	0.167	0.118	0.129	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	26865	831.5	25	12	24.7	24.4	0.121	0.130	0.095	0.102	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	26865	831.5	1	25	25.7	25.3	0.100	0.110	0.078	0.086	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	26865	831.5	25	12	24.7	24.4	0.076	0.081	0.059	0.063	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	26865	831.5	1	25	25.7	25.3	0.660	0.724	0.364	0.399	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	26865	831.5	25	12	24.7	24.4	0.526	0.564	0.291	0.312	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	26865	831.5	1	25	25.7	25.3	0.247	0.271	0.155	0.170	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	26865	831.5	25	12	24.7	24.4	0.193	0.207	0.121	0.130	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	26865	831.5	1	25	25.7	25.3	0.531	0.582	0.344	0.377	34
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	26865	831.5	25	12	24.7	24.4	0.420	0.450	0.271	0.290	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	26865	831.5	1	25	25.7	25.3	0.329	0.361	0.147	0.161	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	26865	831.5	25	12	24.7	24.4	0.241	0.258	0.108	0.116	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	26865	831.5	1	25	25.7	25.3	0.196	0.215	0.129	0.141	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	26865	831.5	25	12	24.7	24.4	0.155	0.166	0.102	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	26865	831.5	1	25	24.5	23.9	0.653	0.750	0.457	0.525	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	26865	831.5	25	12	23.7	23.3	0.523	0.573	0.364	0.399	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	26865	831.5	1	25	24.5	23.9	0.466	0.535	0.266	0.305	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	26865	831.5	25	12	23.7	23.3	0.372	0.408	0.212	0.232	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	26740	819	1	25	24.5	23.9	0.745	0.855	0.444	0.510	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	26865	831.5	1	25	24.5	23.9	0.766	0.879	0.513	0.589	35
ANT 2	Head	QPSK	Mode A	0	Right Cheek	26865	831.5	25	12	23.7	23.3	0.606	0.664	0.365	0.400	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	26990	844	1	25	24.5	23.9	0.686	0.788	0.405	0.465	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	26865	831.5	1	25	24.5	23.9	0.507	0.582	0.273	0.313	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	26865	831.5	25	12	23.7	23.3	0.483	0.530	0.260	0.285	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	26740	819	1	25	24.7	24.1	0.703	0.807	0.428	0.491	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	26865	831.5	1	25	24.7	24.2	0.772	0.866	0.467	0.524	36
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	26865	831.5	25	12	23.7	23.3	0.658	0.721	0.394	0.432	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	26990	844	1	25	24.7	24.1	0.745	0.855	0.443	0.509	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	26865	831.5	1	25	24.7	24.2	0.340	0.381	0.221	0.248	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	26865	831.5	25	12	23.7	23.3	0.270	0.296	0.175	0.192	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	26865	831.5	1	25	24.7	24.2	0.235	0.264	0.118	0.132	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	26865	831.5	25	12	23.7	23.3	0.184	0.202	0.093	0.102	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	26865	831.5	1	25	24.7	24.2	0.174	0.195	0.113	0.127	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	26865	831.5	25	12	23.7	23.3	0.143	0.157	0.093	0.102	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	26865	831.5	1	25	24.7	24.2	0.334	0.375	0.215	0.241	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	26865	831.5	25	12	23.7	23.3	0.280	0.307	0.180	0.197	
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	25.1	0.130	0.139	0.100	0.107	
ANT 3	Head	QPSK	Mode A	0	Left Cheek	26865	831.5	25	12	24.4	24.2	0.109	0.114	0.083	0.087	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	26865	831.5	1	25	25.4	25.1	0.075	0.080	0.059	0.063	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	26865	831.5	25	12	24.4	24.2	0.060	0.063	0.047	0.049	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	26865	831.5	1	25	25.4	25.1	0.111	0.119	0.087	0.093	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	26865	831.5	25	12	24.4	24.2	0.089	0.093	0.070	0.073	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	26865	831.5	1	25	25.4	25.1	0.066	0.071	0.051	0.055	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	26865	831.5	25	12	24.4	24.2	0.053	0.055	0.041	0.043	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	26865	831.5	1	25	25.3	25.0	0.447	0.479	0.246	0.264	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	26865	831.5	25	12	24.4	24.2	0.361	0.378	0.199	0.208	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	26865	831.5	1	25	25.3	25.0	0.246	0.264	0.147	0.158	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	26865	831.5	25	12	24.4	24.2	0.205	0.215	0.122	0.128	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	26865	831.5	1	25	25.3	25.0	0.299	0.320	0.124	0.133	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	26865	831.5	25	12	24.4	24.2	0.247	0.259	0.103	0.108	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	26865	831.5	1	25	25.3	25.0	0.332	0.356	0.155	0.166	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	26865	831.5	25	12	24.4	24.2	0.274	0.287	0.127	0.133	

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	25.7	25.3	0.056	0.061	0.024	0.026	
ANT 1	Head	QPSK	Mode A	0	Left Cheek	27710	2310	25	12	24.7	24.3	0.043	0.047	0.018	0.020	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	27710	2310	1	25	25.7	25.3	0.028	0.031	0.014	0.015	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	27710	2310	25	12	24.7	24.3	0.021	0.023	0.010	0.011	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	27710	2310	1	25	25.7	25.3	0.094	0.103	0.040	0.044	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	27710	2310	25	12	24.7	24.3	0.111	0.122	0.057	0.062	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	27710	2310	1	25	25.7	25.3	0.022	0.024	0.011	0.012	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	27710	2310	25	12	24.7	24.3	0.016	0.018	0.008	0.009	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	27710	2310	1	25	24.3	23.7	0.766	0.879	0.350	0.402	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	27710	2310	25	12	24.3	23.8	0.795	0.892	0.361	0.405	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	27710	2310	50	0	24.3	23.8	0.792	0.889	0.359	0.403	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	27710	2310	1	25	24.3	23.7	0.444	0.510	0.220	0.253	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	27710	2310	25	12	24.3	23.8	0.475	0.533	0.232	0.260	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	27710	2310	1	25	24.3	23.7	0.815	0.936	0.346	0.397	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	27710	2310	25	12	24.3	23.8	0.819	0.919	0.348	0.390	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	27710	2310	50	0	24.3	23.8	0.809	0.908	0.343	0.385	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	27710	2310	1	25	24.3	23.7	0.595	0.683	0.246	0.282	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	27710	2310	25	12	24.3	23.8	0.592	0.664	0.246	0.276	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	27710	2310	1	25	24.3	23.7	0.056	0.064	0.026	0.030	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	27710	2310	25	12	24.3	23.8	0.057	0.064	0.026	0.029	
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	22.3	21.2	0.170	0.219	0.084	0.108	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	27710	2310	25	12	22.3	21.2	0.168	0.216	0.083	0.107	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	27710	2310	1	25	22.3	21.2	0.202	0.260	0.095	0.122	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	27710	2310	25	12	22.3	21.2	0.201	0.259	0.094	0.121	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	27710	2310	1	25	22.3	21.2	0.706	0.910	0.344	0.443	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	27710	2310	25	12	22.3	21.2	0.697	0.898	0.340	0.438	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	27710	2310	50	0	22.3	21.2	0.732	0.943	0.332	0.428	37
ANT 2	Head	QPSK	Mode A	0	Right Tilt	27710	2310	1	25	22.3	21.2	0.518	0.667	0.223	0.287	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	27710	2310	25	12	22.3	21.2	0.521	0.671	0.224	0.289	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	27710	2310	1	25	22.0	21.9	0.612	0.626	0.286	0.293	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	27710	2310	25	12	22.0	21.9	0.615	0.629	0.287	0.294	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	27710	2310	1	25	22.0	21.9	0.445	0.455	0.220	0.225	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	27710	2310	25	12	22.0	21.9	0.438	0.448	0.217	0.222	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	27710	2310	1	25	22.0	21.9	0.344	0.352	0.122	0.125	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	27710	2310	25	12	22.0	21.9	0.339	0.347	0.121	0.124	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	27710	2310	1	25	22.0	21.9	0.033	0.034	0.016	0.016	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	27710	2310	25	12	22.0	21.9	0.029	0.030	0.012	0.012	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	27710	2310	1	25	22.0	21.9	0.804	0.823	0.387	0.396	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	27710	2310	25	12	22.0	21.9	0.834	0.853	0.401	0.410	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	27710	2310	50	0	22.0	21.8	0.896	0.938	0.424	0.444	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	22.3	22.0	0.242	0.259	0.133	0.143	
ANT 3	Head	QPSK	Mode A	0	Left Cheek	27710	2310	25	12	22.3	22.0	0.247	0.265	0.135	0.145	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	27710	2310	1	25	22.3	22.0	0.099	0.106	0.055	0.059	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	27710	2310	25	12	22.3	22.0	0.099	0.106	0.054	0.058	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	27710	2310	1	25	22.3	22.0	0.137	0.147	0.076	0.081	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	27710	2310	25	12	22.3	22.0	0.135	0.145	0.075	0.080	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	27710	2310	1	25	22.3	22.0	0.106	0.114	0.060	0.064	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	27710	2310	25	12	22.3	22.0	0.105	0.113	0.059	0.063	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	27710	2310	1	25	20.2	19.7	0.793	0.890	0.351	0.394	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	27710	2310	25	12	20.2	19.7	0.796	0.893	0.348	0.390	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	27710	2310	50	0	20.2	19.6	0.790	0.907	0.350	0.402	39
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	27710	2310	1	25	20.2	19.7	0.542	0.608	0.264	0.296	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	27710	2310	25	12	20.2	19.7	0.546	0.613	0.267	0.300	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	27710	2310	1	25	20.2	19.7	0.260	0.292	0.105	0.118	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	27710	2310	25	12	20.2	19.7	0.265	0.297	0.107	0.120	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	27710	2310	1	25	20.2	19.7	0.559	0.627	0.255	0.286	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	27710	2310	25	12	20.2	19.7	0.546	0.613	0.252	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 4	Head	QPSK	Mode A	0	Left Cheek	27710	2310	1	25	21.7	20.6	0.722	0.930	0.320	0.412	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	27710	2310	25	12	21.7	20.6	0.725	0.934	0.321	0.414	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	27710	2310	50	0	21.7	20.6	0.727	0.937	0.321	0.414	
ANT 4	Head	QPSK	Mode A	0	Left Tilt	27710	2310	1	25	21.7	20.6	0.230	0.296	0.121	0.156	
ANT 4	Head	QPSK	Mode A	0	Left Tilt	27710	2310	25	12	21.7	20.6	0.229	0.295	0.120	0.155	
ANT 4	Head	QPSK	Mode A	0	Right Cheek	27710	2310	1	25	21.7	20.6	0.194	0.250	0.110	0.142	
ANT 4	Head	QPSK	Mode A	0	Right Cheek	27710	2310	25	12	21.7	20.6	0.192	0.247	0.109	0.140	
ANT 4	Head	QPSK	Mode A	0	Right Tilt	27710	2310	1	25	21.7	20.6	0.084	0.108	0.047	0.061	
ANT 4	Head	QPSK	Mode A	0	Right Tilt	27710	2310	25	12	21.7	20.6	0.064	0.082	0.036	0.046	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	27710	2310	1	25	19.9	18.6	0.349	0.471	0.155	0.209	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	27710	2310	25	12	19.9	18.6	0.346	0.467	0.153	0.206	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Front	27710	2310	1	25	19.9	18.6	0.202	0.272	0.091	0.123	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Front	27710	2310	25	12	19.9	18.6	0.201	0.271	0.091	0.123	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Top	27710	2310	1	25	19.9	18.6	0.025	0.034	0.009	0.012	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Top	27710	2310	25	12	19.9	18.6	0.027	0.036	0.010	0.013	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	27710	2310	1	25	19.9	18.6	0.688	0.928	0.285	0.384	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	27710	2310	25	12	19.9	18.6	0.658	0.888	0.280	0.378	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	27710	2310	50	0	19.9	18.5	0.637	0.879	0.273	0.377	

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	25.7	25.6	0.056	0.057	0.025	0.026	
ANT 1	Head	QPSK	Mode A	0	Left Cheek	40620	2593	50	24	24.7	24.7	0.056	0.056	0.025	0.025	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	40620	2593	1	49	25.7	25.6	0.033	0.034	0.016	0.016	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	40620	2593	50	24	24.7	24.7	0.026	0.026	0.013	0.013	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	40620	2593	1	49	25.7	25.6	0.135	0.136	0.071	0.073	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	40620	2593	50	24	24.7	24.7	0.113	0.113	0.058	0.058	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	40620	2593	1	49	25.7	25.6	0.033	0.034	0.015	0.015	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	40620	2593	50	24	24.7	24.7	0.024	0.024	0.011	0.011	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	40620	2593	1	49	22.8	22.8	0.651	0.651	0.332	0.332	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	40620	2593	50	24	22.8	22.8	0.652	0.652	0.332	0.332	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	40620	2593	1	49	22.8	22.8	0.398	0.398	0.198	0.198	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	40620	2593	50	24	22.8	22.8	0.400	0.400	0.199	0.199	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	39750	2506	1	49	22.8	22.5	0.834	0.894	0.366	0.392	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	39750	2506	50	24	22.8	22.7	0.837	0.856	0.367	0.376	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	40185	2549.5	1	49	22.8	22.5	0.878	0.941	0.386	0.414	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	40185	2549.5	50	24	22.8	22.7	0.898	0.919	0.395	0.404	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	40620	2593	1	49	22.8	22.8	0.848	0.848	0.377	0.377	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	40620	2593	50	24	22.8	22.8	0.845	0.845	0.376	0.376	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	40620	2593	100	0	22.8	22.8	0.841	0.841	0.374	0.374	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	41055	2636.5	1	49	22.8	22.8	0.705	0.705	0.316	0.316	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	41055	2636.5	50	24	22.8	22.8	0.724	0.724	0.324	0.324	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	41490	2680	1	49	22.8	22.8	0.648	0.648	0.290	0.290	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	41490	2680	50	24	22.8	22.8	0.674	0.674	0.302	0.302	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	40620	2593	1	49	22.8	22.8	0.485	0.485	0.192	0.192	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	40620	2593	50	24	22.8	22.8	0.500	0.500	0.196	0.196	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	40620	2593	1	49	22.8	22.8	0.084	0.084	0.037	0.037	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	40620	2593	50	24	22.8	22.8	0.083	0.083	0.037	0.037	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	40620	2593	1	49	20.5	19.8	0.214	0.251	0.088	0.103	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	40620	2593	50	24	20.5	19.9	0.226	0.259	0.091	0.104	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	40620	2593	1	49	20.5	19.8	0.270	0.317	0.105	0.123	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	40620	2593	50	24	20.5	19.9	0.276	0.317	0.107	0.123	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	39750	2506	1	49	20.5	19.9	0.679	0.780	0.287	0.330	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	39750	2506	50	24	20.5	19.6	0.697	0.857	0.294	0.362	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	40185	2549.5	1	49	20.5	19.9	0.687	0.789	0.290	0.333	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	40185	2549.5	50	24	20.5	19.9	0.690	0.792	0.290	0.333	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	40620	2593	1	49	20.5	19.8	0.789	0.927	0.329	0.387	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	40620	2593	50	24	20.5	19.9	0.810	0.930	0.337	0.387	40
ANT 2	Head	QPSK	Mode A	0	Right Cheek	40620	2593	100	0	20.5	20.0	0.790	0.886	0.328	0.368	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	41055	2636.5	1	49	20.5	19.8	0.755	0.887	0.309	0.363	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	41055	2636.5	50	24	20.5	19.9	0.772	0.886	0.317	0.364	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	41490	2680	1	49	20.5	19.8	0.741	0.871	0.299	0.351	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	41490	2680	50	24	20.5	19.9	0.754	0.866	0.307	0.352	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	40620	2593	1	49	20.5	19.8	0.542	0.637	0.213	0.250	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	40620	2593	50	24	20.5	19.9	0.552	0.634	0.217	0.249	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	39750	2506	1	49	21.5	20.6	0.634	0.780	0.251	0.309	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	39750	2506	50	24	21.5	20.7	0.622	0.748	0.247	0.297	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	40185	2549.5	1	49	21.5	20.6	0.636	0.782	0.245	0.301	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	40185	2549.5	50	24	21.5	20.6	0.635	0.781	0.244	0.300	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	40620	2593	1	49	21.5	20.6	0.657	0.808	0.265	0.326	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	40620	2593	50	24	21.5	20.6	0.688	0.846	0.277	0.341	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	40620	2593	100	0	21.5	20.6	0.695	0.855	0.280	0.344	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	41055	2636.5	1	49	21.5	20.5	0.734	0.924	0.287	0.361	41
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	41055	2636.5	50	24	21.5	20.6	0.742	0.913	0.290	0.357	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	41490	2680	1	49	21.5	20.5	0.728	0.916	0.281	0.354	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	41490	2680	50	24	21.5	20.6	0.746	0.918	0.286	0.352	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	40620	2593	1	49	21.5	20.6	0.428	0.527	0.186	0.229	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	40620	2593	50	24	21.5	20.6	0.427	0.525	0.186	0.229	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	40620	2593	1	49	21.5	20.6	0.291	0.358	0.111	0.137	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	40620	2593	50	24	21.5	20.6	0.295	0.363	0.113	0.139	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	40620	2593	1	49	21.5	20.6	0.017	0.021	0.007	0.009	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	40620	2593	50	24	21.5	20.6	0.015	0.018	0.006	0.007	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	40620	2593	1	49	21.5	20.6	0.642	0.790	0.276	0.340	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	40620	2593	50	24	21.5	20.6	0.626	0.770	0.272	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 3	Head	QPSK	Mode A	0	Left Cheek	40620	2593	1	49	24.7	24.2	0.363	0.407	0.182	0.204	
ANT 3	Head	QPSK	Mode A	0	Left Cheek	40620	2593	50	24	24.7	24.3	0.357	0.391	0.179	0.196	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	40620	2593	1	49	24.7	24.2	0.097	0.109	0.050	0.056	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	40620	2593	50	24	24.7	24.3	0.098	0.107	0.051	0.056	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	40620	2593	1	49	24.7	24.2	0.144	0.162	0.073	0.082	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	40620	2593	50	24	24.7	24.3	0.142	0.156	0.072	0.079	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	40620	2593	1	49	24.7	24.2	0.185	0.208	0.088	0.099	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	40620	2593	50	24	24.7	24.3	0.185	0.203	0.088	0.096	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	40620	2593	1	49	20.9	20.5	0.593	0.650	0.207	0.227	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	40620	2593	50	24	20.9	20.5	0.597	0.655	0.260	0.285	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	40620	2593	1	49	20.9	20.5	0.254	0.279	0.117	0.128	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	40620	2593	50	24	20.9	20.5	0.268	0.294	0.124	0.136	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	40620	2593	1	49	20.9	20.5	0.056	0.061	0.026	0.029	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	40620	2593	50	24	20.9	20.5	0.059	0.065	0.027	0.030	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	39750	2506	1	49	20.9	20.3	0.642	0.737	0.269	0.309	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	39750	2506	50	24	20.9	20.4	0.663	0.744	0.278	0.312	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	40185	2549.5	1	49	20.9	20.4	0.624	0.700	0.263	0.295	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	40185	2549.5	50	24	20.9	20.5	0.650	0.713	0.271	0.297	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	40620	2593	1	49	20.9	20.5	0.723	0.793	0.298	0.327	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	40620	2593	50	24	20.9	20.5	0.741	0.812	0.306	0.336	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	40620	2593	100	0	20.9	20.4	0.739	0.829	0.305	0.342	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	41055	2636.5	1	49	20.9	20.4	0.743	0.834	0.304	0.341	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	41055	2636.5	50	24	20.9	20.4	0.753	0.845	0.309	0.347	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	41490	2680	1	49	20.9	20.5	0.847	0.929	0.342	0.375	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	41490	2680	50	24	20.9	20.5	0.841	0.922	0.338	0.371	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	39750	2506	1	49	22.1	20.6	0.655	0.925	0.266	0.376	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	39750	2506	50	24	22.1	20.7	0.673	0.929	0.273	0.377	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	40185	2549.5	1	49	22.1	20.9	0.633	0.834	0.256	0.337	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	40185	2549.5	50	24	22.1	21.0	0.654	0.843	0.264	0.340	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	40620	2593	1	49	22.1	20.8	0.626	0.844	0.248	0.335	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	40620	2593	50	24	22.1	20.9	0.658	0.867	0.261	0.344	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	40620	2593	100	0	22.1	20.9	0.641	0.845	0.254	0.335	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	41055	2636.5	1	49	22.1	20.8	0.614	0.828	0.244	0.329	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	41055	2636.5	50	24	22.1	20.9	0.639	0.842	0.253	0.334	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	41490	2680	1	49	22.1	21.0	0.561	0.723	0.224	0.289	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	41490	2680	50	24	22.1	21.0	0.583	0.751	0.232	0.299	
ANT 4	Head	QPSK	Mode A	0	Left Tilt	40620	2593	1	49	22.1	20.8	0.173	0.233	0.083	0.112	
ANT 4	Head	QPSK	Mode A	0	Left Tilt	40620	2593	50	24	22.1	20.9	0.176	0.232	0.084	0.111	
ANT 4	Head	QPSK	Mode A	0	Right Cheek	40620	2593	1	49	22.1	20.8	0.176	0.237	0.089	0.120	
ANT 4	Head	QPSK	Mode A	0	Right Cheek	40620	2593	50	24	22.1	20.9	0.177	0.233	0.089	0.117	
ANT 4	Head	QPSK	Mode A	0	Right Tilt	40620	2593	1	49	22.1	20.8	0.044	0.059	0.022	0.030	
ANT 4	Head	QPSK	Mode A	0	Right Tilt	40620	2593	50	24	22.1	20.9	0.044	0.058	0.021	0.028	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	40620	2593	1	49	20.8	20.0	0.506	0.608	0.204	0.245	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	40620	2593	50	24	20.8	20.2	0.576	0.661	0.232	0.266	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Front	40620	2593	1	49	20.8	20.0	0.274	0.329	0.116	0.139	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Front	40620	2593	50	24	20.8	20.2	0.281	0.323	0.119	0.137	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Top	40620	2593	1	49	20.8	20.0	0.030	0.036	0.015	0.018	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Top	40620	2593	50	24	20.8	20.2	0.029	0.033	0.013	0.015	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	39750	2506	1	49	20.8	19.8	0.744	0.937	0.299	0.376	42
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	39750	2506	50	24	20.8	19.9	0.756	0.930	0.304	0.374	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	40185	2549.5	1	49	20.8	20.1	0.741	0.871	0.293	0.344	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	40185	2549.5	50	24	20.8	20.1	0.756	0.888	0.300	0.352	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	40620	2593	1	49	20.8	20.0	0.593	0.713	0.238	0.286	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	40620	2593	50	24	20.8	20.2	0.611	0.702	0.240	0.276	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	40620	2593	100	0	20.8	20.1	0.579	0.680	0.235	0.276	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	41055	2636.5	1	49	20.8	20.0	0.654	0.786	0.257	0.309	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	41055	2636.5	50	24	20.8	20.1	0.679	0.798	0.267	0.314	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	41490	2680	1	49	20.8	20.2	0.595	0.683	0.233	0.268	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	41490	2680	50	24	20.8	20.3	0.623	0.699	0.245	0.275	

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	25.7	25.2	0.106	0.119	0.054	0.061	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	40521	2583.1	1	99	40719	2602.9	1	0	22.8	22.8	0.449	0.449	0.212	0.212	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	39750	2506	1	99	39948	2525.8	1	0	22.8	22.8	0.490	0.490	0.215	0.215	
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	20.5	19.6	0.409	0.503	0.171	0.210	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	41292	2660.2	1	99	41490	2680	1	0	21.5	20.5	0.369	0.465	0.141	0.178	
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	24.7	24.2	0.158	0.177	0.080	0.090	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	40521	2583.1	1	99	40719	2602.9	1	0	20.9	20.5	0.570	0.625	0.238	0.261	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	41292	2660.2	1	99	41490	2680	1	0	20.9	20.7	0.627	0.657	0.260	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	22.1	20.6	0.336	0.475	0.136	0.192	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	40521	2583.1	1	99	40719	2602.9	1	0	20.8	20.1	0.230	0.270	0.093	0.109	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	39750	2506	1	99	39948	2525.8	1	0	20.8	20.1	0.288	0.338	0.116	0.136	

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.

UL CA 41C PC2

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	28.1	27.4	0.050	0.059	0.054	0.063	

Note(s):

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

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%	28.1	279.6	63.3%	25.7	235.2	0.138	0.164	18.7%	Yes
ANT 1	Body & Hotspot	43.3%	24.4	119.3	63.3%	22.8	120.6	0.652	0.645	-1.1%	No
ANT 1	Hotspot	43.3%	24.4	119.3	63.3%	22.8	120.6	0.941	0.930	-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%	22.1	70.2	63.3%	20.5	71.0	0.930	0.920	-1.1%	No
ANT 2	Body & Hotspot	43.3%	23.1	88.4	63.3%	21.5	89.4	0.924	0.914	-1.1%	No
ANT 2	Hotspot	43.3%	23.1	88.4	63.3%	21.5	89.4	0.790	0.781	-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%	26.3	184.7	63.3%	24.7	186.8	0.407	0.403	-1.1%	No
ANT 3	Body & Hotspot	43.3%	22.5	77.0	63.3%	20.9	77.9	0.655	0.647	-1.2%	No
ANT 3	Hotspot	43.3%	22.5	77.0	63.3%	20.9	77.9	0.929	0.918	-1.2%	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%	23.7	101.5	63.3%	22.1	102.7	0.929	0.919	-1.1%	No
ANT 4	Body & Hotspot	43.3%	22.4	75.3	63.3%	20.8	76.1	0.661	0.654	-1.1%	No
ANT 4	Hotspot	43.3%	22.4	75.3	63.3%	20.8	76.1	0.937	0.926	-1.1%	No

Conclusion:

SAR testing for Power Class 2 is required for ANT 1 Mode A Head only because the PC2 reported SAR vs. output power linearly scaled >10%.

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	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	Right Cheek	40620	2593	1	28.1	27.5	0.161	0.185	0.084	0.096	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	40620	2593	50	27.7	27.0	0.147	0.173	0.077	0.090	

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	25.0	24.3	0.078	0.092	0.035	0.041	
ANT 7	Head	QPSK	Mode A	0	Left Cheek	56207	3646.7	50	24	25.0	24.5	0.080	0.090	0.035	0.039	
ANT 7	Head	QPSK	Mode A	0	Left Tilt	56207	3646.7	1	49	25.0	24.3	0.083	0.098	0.033	0.039	
ANT 7	Head	QPSK	Mode A	0	Left Tilt	56207	3646.7	50	24	25.0	24.5	0.080	0.090	0.034	0.038	
ANT 7	Head	QPSK	Mode A	0	Right Cheek	56207	3646.7	1	49	25.0	24.3	0.142	0.167	0.051	0.060	
ANT 7	Head	QPSK	Mode A	0	Right Cheek	56207	3646.7	50	24	25.0	24.5	0.147	0.165	0.053	0.059	
ANT 7	Head	QPSK	Mode A	0	Right Tilt	56207	3646.7	1	49	25.0	24.3	0.027	0.032	0.010	0.012	
ANT 7	Head	QPSK	Mode A	0	Right Tilt	56207	3646.7	50	24	25.0	24.5	0.027	0.030	0.010	0.011	
ANT 7	Body & Hotspot	QPSK	Mode B	5	Back	55340	3560	1	49	22.8	22.3	0.676	0.758	0.278	0.312	
ANT 7	Body & Hotspot	QPSK	Mode B	5	Back	55340	3560	50	24	22.8	22.4	0.693	0.760	0.281	0.308	
ANT 7	Body & Hotspot	QPSK	Mode B	5	Back	55773	3603.3	1	49	22.8	22.4	0.632	0.693	0.264	0.289	
ANT 7	Body & Hotspot	QPSK	Mode B	5	Back	55773	3603.3	50	24	22.8	22.5	0.634	0.679	0.265	0.284	
ANT 7	Body & Hotspot	QPSK	Mode B	5	Back	56207	3646.7	1	49	22.8	22.2	0.720	0.827	0.300	0.344	
ANT 7	Body & Hotspot	QPSK	Mode B	5	Back	56207	3646.7	50	24	22.8	22.4	0.703	0.771	0.292	0.320	
ANT 7	Body & Hotspot	QPSK	Mode B	5	Back	56207	3646.7	100	0	22.8	22.4	0.760	0.833	0.315	0.345	
ANT 7	Body & Hotspot	QPSK	Mode B	5	Back	56640	3690	1	49	22.8	21.9	0.655	0.806	0.269	0.331	
ANT 7	Body & Hotspot	QPSK	Mode B	5	Back	56640	3690	50	24	22.8	22.1	0.672	0.790	0.276	0.324	
ANT 7	Body & Hotspot	QPSK	Mode B	5	Front	56207	3646.7	1	49	22.8	22.2	0.195	0.224	0.077	0.088	
ANT 7	Body & Hotspot	QPSK	Mode B	5	Front	56207	3646.7	50	24	22.8	22.4	0.198	0.217	0.079	0.087	
ANT 7	Hotspot	QPSK	Mode B	5	Edge Right	55340	3560	1	49	22.8	22.3	0.831	0.932	0.315	0.353	43
ANT 7	Hotspot	QPSK	Mode B	5	Edge Right	55340	3560	50	24	22.8	22.4	0.849	0.931	0.323	0.354	
ANT 7	Hotspot	QPSK	Mode B	5	Edge Right	55773	3603.3	1	49	22.8	22.4	0.780	0.855	0.298	0.327	
ANT 7	Hotspot	QPSK	Mode B	5	Edge Right	55773	3603.3	50	24	22.8	22.5	0.799	0.856	0.306	0.328	
ANT 7	Hotspot	QPSK	Mode B	5	Edge Right	56207	3646.7	1	49	22.8	22.2	0.798	0.916	0.308	0.354	
ANT 7	Hotspot	QPSK	Mode B	5	Edge Right	56207	3646.7	50	24	22.8	22.4	0.788	0.864	0.299	0.328	
ANT 7	Hotspot	QPSK	Mode B	5	Edge Right	56207	3646.7	100	0	22.8	22.4	0.784	0.860	0.300	0.329	
ANT 7	Hotspot	QPSK	Mode B	5	Edge Right	56640	3690	1	49	22.8	21.9	0.747	0.919	0.280	0.344	
ANT 7	Hotspot	QPSK	Mode B	5	Edge Right	56640	3690	50	24	22.8	22.1	0.763	0.896	0.283	0.332	
ANT 7	Hotspot	QPSK	Mode B	5	Edge Bottom	56207	3646.7	1	49	22.8	22.2	0.222	0.255	0.081	0.093	
ANT 7	Hotspot	QPSK	Mode B	5	Edge Bottom	56207	3646.7	50	24	22.8	22.4	0.227	0.249	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 8	Head	QPSK	Mode A	0	Left Cheek	56207	3646.7	1	49	20.4	18.8	0.136	0.197	0.057	0.082	
ANT 8	Head	QPSK	Mode A	0	Left Cheek	56207	3646.7	50	24	20.4	18.9	0.134	0.189	0.056	0.079	
ANT 8	Head	QPSK	Mode A	0	Left Tilt	56207	3646.7	1	49	20.4	18.8	0.086	0.124	0.036	0.052	
ANT 8	Head	QPSK	Mode A	0	Left Tilt	56207	3646.7	50	24	20.4	18.9	0.088	0.124	0.036	0.051	
ANT 8	Head	QPSK	Mode A	0	Right Cheek	55340	3560	1	49	20.4	19.1	0.647	0.873	0.229	0.309	
ANT 8	Head	QPSK	Mode A	0	Right Cheek	55340	3560	50	24	20.4	19.2	0.670	0.883	0.234	0.308	
ANT 8	Head	QPSK	Mode A	0	Right Cheek	55773	3603.3	1	49	20.4	19.1	0.645	0.870	0.223	0.301	
ANT 8	Head	QPSK	Mode A	0	Right Cheek	55773	3603.3	50	24	20.4	19.2	0.701	0.924	0.241	0.318	
ANT 8	Head	QPSK	Mode A	0	Right Cheek	56207	3646.7	1	49	20.4	18.8	0.616	0.890	0.219	0.317	
ANT 8	Head	QPSK	Mode A	0	Right Cheek	56207	3646.7	50	24	20.4	18.9	0.648	0.915	0.227	0.321	
ANT 8	Head	QPSK	Mode A	0	Right Cheek	56207	3646.7	100	0	20.4	19.2	0.712	0.939	0.244	0.322	44
ANT 8	Head	QPSK	Mode A	0	Right Cheek	56640	3690	1	49	20.4	19.2	0.608	0.802	0.220	0.290	
ANT 8	Head	QPSK	Mode A	0	Right Cheek	56640	3690	50	24	20.4	19.3	0.654	0.843	0.232	0.299	
ANT 8	Head	QPSK	Mode A	0	Right Tilt	56207	3646.7	1	49	20.4	18.8	0.240	0.347	0.084	0.121	
ANT 8	Head	QPSK	Mode A	0	Right Tilt	56207	3646.7	50	24	20.4	18.9	0.235	0.332	0.084	0.119	
ANT 8	Body & Hotspot	QPSK	Mode B	5	Back	56207	3646.7	1	49	20.9	19.7	0.210	0.277	0.094	0.124	
ANT 8	Body & Hotspot	QPSK	Mode B	5	Back	56207	3646.7	50	24	20.9	19.7	0.213	0.281	0.096	0.127	
ANT 8	Body & Hotspot	QPSK	Mode B	5	Front	56207	3646.7	1	49	20.9	19.7	0.241	0.318	0.088	0.116	
ANT 8	Body & Hotspot	QPSK	Mode B	5	Front	56207	3646.7	50	24	20.9	19.7	0.216	0.285	0.077	0.102	
ANT 8	Hotspot	QPSK	Mode B	5	Edge Top	56207	3646.7	1	49	20.9	19.7	0.120	0.158	0.042	0.055	
ANT 8	Hotspot	QPSK	Mode B	5	Edge Top	56207	3646.7	50	24	20.9	19.7	0.125	0.165	0.045	0.059	
ANT 8	Hotspot	QPSK	Mode B	5	Edge Left	56207	3646.7	1	49	20.9	19.7	0.565	0.745	0.205	0.270	
ANT 8	Hotspot	QPSK	Mode B	5	Edge Left	56207	3646.7	50	24	20.9	19.7	0.573	0.755	0.207	0.273	
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	23.5	23.0	0.044	0.049	0.018	0.020	
ANT 9	Head	QPSK	Mode A	0	Left Cheek	56207	3646.7	50	24	23.5	23.1	0.044	0.048	0.017	0.019	
ANT 9	Head	QPSK	Mode A	0	Left Tilt	56207	3646.7	1	49	23.5	23.0	0.018	0.020	0.005	0.006	
ANT 9	Head	QPSK	Mode A	0	Left Tilt	56207	3646.7	50	24	23.5	23.1	0.017	0.019	0.004	0.004	
ANT 9	Head	QPSK	Mode A	0	Right Cheek	56207	3646.7	1	49	23.5	23.0	0.027	0.030	0.012	0.013	
ANT 9	Head	QPSK	Mode A	0	Right Cheek	56207	3646.7	50	24	23.5	23.1	0.026	0.029	0.012	0.013	
ANT 9	Head	QPSK	Mode A	0	Right Tilt	56207	3646.7	1	49	23.5	23.0	0.021	0.024	0.007	0.008	
ANT 9	Head	QPSK	Mode A	0	Right Tilt	56207	3646.7	50	24	23.5	23.1	0.020	0.022	0.007	0.008	
ANT 9	Body & Hotspot	QPSK	Mode B	5	Back	55340	3560	1	49	20.9	20.9	0.899	0.899	0.301	0.301	
ANT 9	Body & Hotspot	QPSK	Mode B	5	Back	55340	3560	50	24	20.9	20.9	0.919	0.919	0.309	0.309	
ANT 9	Body & Hotspot	QPSK	Mode B	5	Back	55773	3603.3	1	49	20.9	20.9	0.886	0.886	0.304	0.304	
ANT 9	Body & Hotspot	QPSK	Mode B	5	Back	55773	3603.3	50	24	20.9	20.9	0.903	0.903	0.310	0.310	
ANT 9	Body & Hotspot	QPSK	Mode B	5	Back	56207	3646.7	1	49	20.9	20.8	0.886	0.907	0.306	0.313	
ANT 9	Body & Hotspot	QPSK	Mode B	5	Back	56207	3646.7	50	24	20.9	20.9	0.889	0.889	0.306	0.306	
ANT 9	Body & Hotspot	QPSK	Mode B	5	Back	56207	3646.7	100	0	20.9	20.8	0.892	0.913	0.309	0.316	
ANT 9	Body & Hotspot	QPSK	Mode B	5	Back	56640	3690	1	49	20.9	20.6	0.880	0.943	0.304	0.326	
ANT 9	Body & Hotspot	QPSK	Mode B	5	Back	56640	3690	50	24	20.9	20.6	0.880	0.943	0.305	0.327	45
ANT 9	Body & Hotspot	QPSK	Mode B	5	Front	56207	3646.7	1	49	20.9	20.8	0.657	0.672	0.226	0.231	
ANT 9	Body & Hotspot	QPSK	Mode B	5	Front	56207	3646.7	50	24	20.9	20.9	0.679	0.679	0.234	0.234	
ANT 9	Hotspot	QPSK	Mode B	5	Edge Bottom	56207	3646.7	1	49	20.9	20.8	0.759	0.777	0.273	0.279	
ANT 9	Hotspot	QPSK	Mode B	5	Edge Bottom	56207	3646.7	50	24	20.9	20.9	0.777	0.777	0.281	0.281	
ANT 9	Hotspot	QPSK	Mode B	5	Edge Left	56207	3646.7	1	49	20.9	20.8	0.555	0.568	0.209	0.214	
ANT 9	Hotspot	QPSK	Mode B	5	Edge Left	56207	3646.7	50	24	20.9	20.9	0.555	0.555	0.209	0.209	

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	56207	3646.7	1	49	23.2	22.9	0.607	0.650	0.218	0.234	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	56207	3646.7	50	24	23.2	23.0	0.624	0.653	0.224	0.235	
ANT 4	Head	QPSK	Mode A	0	Left Tilt	56207	3646.7	1	49	23.2	22.9	0.674	0.722	0.257	0.275	
ANT 4	Head	QPSK	Mode A	0	Left Tilt	56207	3646.7	50	24	23.2	23.0	0.698	0.731	0.266	0.279	
ANT 4	Head	QPSK	Mode A	0	Right Cheek	56207	3646.7	1	49	23.2	22.9	0.053	0.057	0.020	0.021	
ANT 4	Head	QPSK	Mode A	0	Right Cheek	56207	3646.7	50	24	23.2	23.0	0.051	0.053	0.020	0.021	
ANT 4	Head	QPSK	Mode A	0	Right Tilt	56207	3646.7	1	49	23.2	22.9	0.056	0.060	0.021	0.023	
ANT 4	Head	QPSK	Mode A	0	Right Tilt	56207	3646.7	50	24	23.2	23.0	0.058	0.061	0.022	0.023	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	55340	3560	1	49	21.6	21.2	0.810	0.888	0.300	0.329	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	55340	3560	50	24	21.6	21.3	0.825	0.884	0.306	0.328	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	55773	3603.3	1	49	21.6	21.4	0.876	0.917	0.314	0.329	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	55773	3603.3	50	24	21.6	21.5	0.911	0.932	0.324	0.332	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	56207	3646.7	1	49	21.6	21.6	0.805	0.805	0.287	0.287	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	56207	3646.7	50	24	21.6	21.6	0.797	0.797	0.284	0.284	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	56207	3646.7	100	0	21.6	21.6	0.841	0.841	0.297	0.297	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	56640	3690	1	49	21.6	21.6	0.822	0.822	0.287	0.287	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	56640	3690	50	24	21.6	21.6	0.818	0.818	0.287	0.287	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Front	56207	3646.7	1	49	21.6	21.6	0.196	0.196	0.081	0.081	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Front	56207	3646.7	50	24	21.6	21.6	0.197	0.197	0.080	0.080	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Top	56207	3646.7	1	49	21.6	21.6	0.202	0.202	0.082	0.082	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Top	56207	3646.7	50	24	21.6	21.6	0.205	0.205	0.083	0.083	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	56207	3646.7	1	49	21.6	21.6	0.539	0.539	0.207	0.207	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	56207	3646.7	50	24	21.6	21.6	0.552	0.552	0.211	0.211	

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	55089	3634.9	1	0	25.0	21.7	0.061	0.130	0.024	0.051	
ANT 7	Body & Hotspot	QPSK	Mode B	5	Back	55891	3615.1	1	99	55089	3634.9	1	0	22.8	22.1	0.296	0.348	0.121	0.142	
ANT 7	Hotspot	QPSK	Mode B	5	Edge Right	55340	3560	1	99	55538	3579.8	1	0	22.8	22.1	0.408	0.479	0.156	0.183	
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	55089	3634.9	1	0	20.4	18.8	0.347	0.502	0.120	0.173	
ANT 8	Body & Hotspot	QPSK	Mode B	5	Front	55891	3615.1	1	99	55089	3634.9	1	0	20.9	19.6	0.112	0.151	0.041	0.055	
ANT 8	Hotspot	QPSK	Mode B	5	Edge Left	55891	3615.1	1	99	55089	3634.9	1	0	20.9	19.6	0.294	0.397	0.108	0.146	
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	Left Cheek	55891	3615.1	1	99	55089	3634.9	1	0	23.5	23.1	0.035	0.038	0.014	0.015	
ANT 9	Body & Hotspot	QPSK	Mode B	5	Back	56442	3670.2	1	99	55640	3690	1	0	20.9	20.8	0.435	0.443	0.158	0.162	
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 Tilt	55891	3615.1	1	99	55089	3634.9	1	0	23.2	22.9	0.480	0.514	0.184	0.197	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	55891	3615.1	1	99	55089	3634.9	1	0	21.6	21.4	0.575	0.602	0.220	0.230	

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	0.019	0.020	0.007	0.008	
ANT 1	Head	QPSK	Mode A	0	Left Cheek	60197	2489.2	25	12	20.7	20.4	0.019	0.020	0.007	0.008	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	60197	2489.2	1	25	20.7	20.4	0.007	0.008	0.003	0.003	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	60197	2489.2	25	12	20.7	20.4	0.007	0.008	0.002	0.002	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	60197	2489.2	1	25	20.7	20.4	0.052	0.056	0.025	0.027	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	60197	2489.2	25	12	20.7	20.4	0.051	0.055	0.025	0.027	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	60197	2489.2	1	25	20.7	20.4	0.009	0.010	0.004	0.004	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	60197	2489.2	25	12	20.7	20.4	0.009	0.010	0.004	0.004	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	60197	2489.2	1	25	20.7	20.4	0.296	0.317	0.140	0.150	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	60197	2489.2	25	12	20.7	20.4	0.300	0.321	0.141	0.151	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	60197	2489.2	1	25	20.7	20.4	0.165	0.177	0.079	0.085	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	60197	2489.2	25	12	20.7	20.4	0.168	0.180	0.081	0.087	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	60197	2489.2	1	25	20.7	20.4	0.360	0.386	0.149	0.160	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	60197	2489.2	25	12	20.7	20.4	0.360	0.386	0.149	0.160	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	60197	2489.2	1	25	20.7	20.4	0.150	0.161	0.058	0.062	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	60197	2489.2	25	12	20.7	20.4	0.152	0.163	0.058	0.062	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	60197	2489.2	1	25	20.7	20.4	0.027	0.029	0.011	0.012	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	60197	2489.2	25	12	20.7	20.4	0.031	0.033	0.014	0.015	
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	20.0	19.7	0.297	0.318	0.122	0.131	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	60197	2489.2	25	12	20.0	19.8	0.273	0.286	0.113	0.118	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	60197	2489.2	1	25	20.0	19.7	0.342	0.366	0.135	0.145	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	60197	2489.2	25	12	20.0	19.8	0.349	0.365	0.139	0.146	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	60197	2489.2	1	25	20.0	19.7	0.622	0.666	0.269	0.288	46
ANT 2	Head	QPSK	Mode A	0	Right Cheek	60197	2489.2	25	12	20.0	19.8	0.625	0.654	0.271	0.284	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	60197	2489.2	1	25	20.0	19.7	0.530	0.568	0.210	0.225	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	60197	2489.2	25	12	20.0	19.8	0.543	0.569	0.214	0.224	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	60197	2489.2	1	25	20.7	20.4	0.675	0.723	0.273	0.293	47
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	60197	2489.2	25	12	20.7	20.6	0.681	0.697	0.276	0.282	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	60197	2489.2	1	25	20.7	20.4	0.314	0.336	0.144	0.154	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	60197	2489.2	25	12	20.7	20.6	0.363	0.371	0.165	0.169	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	60197	2489.2	1	25	20.7	20.4	0.099	0.106	0.037	0.040	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	60197	2489.2	25	12	20.7	20.6	0.100	0.102	0.038	0.039	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	60197	2489.2	1	25	20.7	20.4	0.023	0.025	0.011	0.012	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	60197	2489.2	25	12	20.7	20.6	0.030	0.031	0.013	0.013	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	60197	2489.2	1	25	20.7	20.4	0.594	0.636	0.272	0.291	48
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	60197	2489.2	25	12	20.7	20.6	0.601	0.615	0.276	0.282	

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	25.3	25.1	0.116	0.121	0.078	0.082	
ANT 1	Head	QPSK	Mode A	0	Left Cheek	132322	1745	50	24	24.7	24.7	0.101	0.101	0.067	0.067	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	132322	1745	1	49	25.3	25.1	0.071	0.074	0.045	0.047	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	132322	1745	50	24	24.7	24.7	0.058	0.058	0.037	0.037	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	132322	1745	1	49	25.3	25.1	0.220	0.230	0.143	0.150	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	132322	1745	50	24	24.7	24.7	0.192	0.192	0.125	0.125	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	132322	1745	1	49	25.3	25.1	0.062	0.065	0.042	0.044	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	132322	1745	50	24	24.7	24.7	0.054	0.054	0.037	0.037	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	132322	1745	1	49	19.5	18.4	0.471	0.607	0.243	0.313	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	132322	1745	50	24	19.5	18.4	0.485	0.625	0.250	0.322	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	132322	1745	1	49	19.5	18.4	0.395	0.509	0.195	0.251	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	132322	1745	50	24	19.5	18.4	0.403	0.519	0.199	0.256	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	132322	1745	1	49	19.5	18.4	0.119	0.153	0.058	0.075	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	132322	1745	50	24	19.5	18.4	0.116	0.149	0.057	0.073	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	132072	1720	1	49	19.5	18.4	0.681	0.877	0.330	0.425	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	132072	1720	50	24	19.5	18.4	0.696	0.897	0.336	0.433	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	132322	1745	1	49	19.5	18.4	0.666	0.858	0.322	0.415	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	132322	1745	50	24	19.5	18.4	0.690	0.889	0.334	0.430	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	132322	1745	100	0	19.5	18.4	0.688	0.886	0.332	0.428	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	132572	1770	1	49	19.5	18.3	0.703	0.927	0.344	0.453	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	132572	1770	50	24	19.5	18.3	0.719	0.948	0.349	0.460	49
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	132322	1745	1	49	19.5	18.4	0.025	0.032	0.014	0.018	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	132322	1745	50	24	19.5	18.4	0.026	0.033	0.014	0.018	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	132322	1745	1	49	20.0	18.9	0.488	0.629	0.239	0.308	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	132322	1745	50	24	20.0	19.0	0.497	0.626	0.244	0.307	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	132322	1745	1	49	20.0	18.9	0.556	0.716	0.270	0.348	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	132322	1745	50	24	20.0	19.0	0.548	0.690	0.266	0.335	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	132322	1745	1	49	20.0	18.9	0.655	0.844	0.331	0.426	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	132322	1745	50	24	20.0	19.0	0.675	0.850	0.340	0.428	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	132072	1720	1	49	20.0	19.0	0.690	0.869	0.331	0.417	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	132072	1720	50	24	20.0	19.2	0.709	0.852	0.340	0.409	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	132322	1745	1	49	20.0	18.9	0.704	0.907	0.340	0.438	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	132322	1745	50	24	20.0	19.0	0.705	0.888	0.340	0.428	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	132322	1745	100	0	20.0	19.1	0.705	0.867	0.340	0.418	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	132572	1770	1	49	20.0	18.9	0.720	0.928	0.344	0.443	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	132572	1770	50	24	20.0	19.0	0.711	0.895	0.340	0.428	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	132322	1745	1	49	19.4	18.6	0.426	0.512	0.218	0.262	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	132322	1745	50	24	19.4	18.8	0.482	0.553	0.244	0.280	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	132322	1745	1	49	19.4	18.6	0.338	0.406	0.161	0.194	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	132322	1745	50	24	19.4	18.8	0.360	0.413	0.172	0.197	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	132072	1720	1	49	19.4	18.8	0.652	0.749	0.306	0.351	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	132072	1720	50	24	19.4	18.9	0.670	0.752	0.315	0.353	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	132322	1745	1	49	19.4	18.6	0.717	0.862	0.336	0.404	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	132322	1745	50	24	19.4	18.8	0.735	0.844	0.345	0.396	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	132322	1745	100	0	19.4	18.7	0.731	0.859	0.343	0.403	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	132572	1770	1	49	19.4	18.6	0.769	0.925	0.360	0.433	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	132572	1770	50	24	19.4	18.7	0.778	0.914	0.364	0.428	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	132322	1745	1	49	19.4	18.6	0.009	0.011	0.004	0.005	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	132322	1745	50	24	19.4	18.8	0.007	0.008	0.003	0.003	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	132322	1745	1	49	19.4	18.6	0.118	0.142	0.063	0.076	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	132322	1745	50	24	19.4	18.8	0.119	0.137	0.063	0.072	
ANT 3	Head	QPSK	Mode A	0	Left Cheek	132322	1745	1	49	22.8	22.6	0.137	0.143	0.088	0.092	
ANT 3	Head	QPSK	Mode A	0	Left Cheek	132322	1745	50	24	22.8	22.7	0.139	0.142	0.090	0.092	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	132322	1745	1	49	22.8	22.6	0.076	0.080	0.049	0.051	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	132322	1745	50	24	22.8	22.7	0.098	0.100	0.064	0.065	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	132322	1745	1	49	22.8	22.6	0.093	0.097	0.059	0.062	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	132322	1745	50	24	22.8	22.7	0.096	0.098	0.061	0.062	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	132322	1745	1	49	22.8	22.6	0.066	0.069	0.041	0.043	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	132322	1745	50	24	22.8	22.7	0.069	0.071	0.043	0.044	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	132072	1720	1	49	22.1	21.6	0.673	0.755	0.356	0.399	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	132072	1720	50	24	22.1	21.8	0.694	0.744	0.367	0.393	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	132322	1745	1	49	22.1	21.7	0.757	0.830	0.394	0.432	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	132322	1745	50	24	22.1	21.8	0.757	0.811	0.395	0.423	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	132322	1745	100	0	22.1	21.8	0.756	0.810	0.394	0.422	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	132572	1770	1	49	22.1	21.7	0.831	0.911	0.426	0.467	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	132572	1770	50	24	22.1	21.6	0.843	0.946	0.432	0.485	50
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	132322	1745	1	49	22.1	21.7	0.325	0.325	0.185	0.203	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	132322	1745	50	24	22.1	21.8	0.332	0.356	0.189	0.203	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	132322	1745	1	49	22.1	21.7	0.313	0.343	0.169	0.185	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	132322	1745	50	24	22.1	21.8	0.323	0.346	0.174	0.186	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	132322	1745	1	49	22.1	21.7	0.629	0.690	0.339	0.372	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	132322	1745	50	24	22.1	21.8	0.633	0.678	0.341	0.365	

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	20.8	19.9	0.567	0.698	0.321	0.395	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	132072	1720	50	24	20.8	20.0	0.506	0.608	0.283	0.340	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	132322	1745	1	49	20.8	19.7	0.724	0.933	0.405	0.522	51
ANT 4	Head	QPSK	Mode A	0	Left Cheek	132322	1745	50	24	20.8	19.8	0.724	0.911	0.404	0.509	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	132322	1745	100	0	20.8	19.9	0.713	0.877	0.399	0.491	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	132572	1770	1	49	20.8	19.6	0.647	0.853	0.365	0.481	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	132572	1770	50	24	20.8	19.7	0.602	0.776	0.346	0.446	
ANT 4	Head	QPSK	Mode A	0	Left Tilt	132322	1745	1	49	20.8	19.7	0.410	0.528	0.220	0.283	
ANT 4	Head	QPSK	Mode A	0	Left Tilt	132322	1745	50	24	20.8	19.8	0.421	0.530	0.224	0.282	
ANT 4	Head	QPSK	Mode A	0	Right Cheek	132322	1745	1	49	20.8	19.7	0.143	0.184	0.090	0.116	
ANT 4	Head	QPSK	Mode A	0	Right Cheek	132322	1745	50	24	20.8	19.8	0.146	0.184	0.092	0.116	
ANT 4	Head	QPSK	Mode A	0	Right Tilt	132322	1745	1	49	20.8	19.7	0.198	0.255	0.120	0.155	
ANT 4	Head	QPSK	Mode A	0	Right Tilt	132322	1745	50	24	20.8	19.8	0.203	0.256	0.123	0.155	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	132072	1720	1	49	21.7	21.2	0.793	0.890	0.420	0.471	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	132072	1720	50	24	21.7	21.3	0.792	0.868	0.420	0.461	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	132322	1745	1	49	21.7	21.4	0.698	0.748	0.367	0.393	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	132322	1745	50	24	21.7	21.4	0.701	0.751	0.368	0.394	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	132322	1745	100	0	21.7	21.3	0.705	0.773	0.370	0.406	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	132572	1770	1	49	21.7	21.1	0.794	0.912	0.416	0.478	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	132572	1770	50	24	21.7	21.1	0.802	0.921	0.420	0.482	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Front	132322	1745	1	49	21.7	21.4	0.349	0.374	0.198	0.212	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Front	132322	1745	50	24	21.7	21.4	0.361	0.387	0.205	0.220	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Top	132322	1745	1	49	21.7	21.4	0.444	0.476	0.207	0.222	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Top	132322	1745	50	24	21.7	21.4	0.459	0.492	0.214	0.229	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	132072	1720	1	49	21.7	21.2	0.647	0.726	0.334	0.375	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	132072	1720	50	24	21.7	21.3	0.716	0.785	0.366	0.401	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	132322	1745	1	49	21.7	21.4	0.692	0.741	0.355	0.380	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	132322	1745	50	24	21.7	21.4	0.753	0.807	0.383	0.410	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	132322	1745	100	0	21.7	21.3	0.755	0.828	0.383	0.420	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	132572	1770	1	49	21.7	21.1	0.725	0.832	0.369	0.424	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	132572	1770	50	24	21.7	21.1	0.792	0.909	0.400	0.459	

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	25.2	0.200	0.224	0.158	0.177	
ANT 1	Head	QPSK	Mode A	0	Left Cheek	133297	680.5	50	24	24.7	24.2	0.160	0.180	0.127	0.142	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	133297	680.5	1	49	25.7	25.2	0.120	0.135	0.097	0.109	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	133297	680.5	50	24	24.7	24.2	0.095	0.107	0.077	0.086	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	133297	680.5	1	49	25.7	25.2	0.125	0.140	0.100	0.112	
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	25.2	0.066	0.074	0.054	0.061	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	133297	680.5	50	24	24.7	24.2	0.053	0.059	0.043	0.048	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	133297	680.5	1	49	25.7	25.2	0.438	0.491	0.289	0.324	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	133297	680.5	50	24	24.7	24.2	0.357	0.401	0.236	0.265	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	133297	680.5	1	49	25.7	25.2	0.229	0.257	0.164	0.184	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	133297	680.5	50	24	24.7	24.2	0.183	0.205	0.132	0.148	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	133297	680.5	1	49	25.7	25.2	0.510	0.572	0.343	0.385	52
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	133297	680.5	50	24	24.7	24.2	0.419	0.470	0.282	0.316	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	133297	680.5	1	49	25.7	25.2	0.199	0.223	0.093	0.104	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	133297	680.5	50	24	24.7	24.2	0.161	0.181	0.075	0.084	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	133297	680.5	1	49	25.7	25.2	0.225	0.252	0.150	0.168	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	133297	680.5	50	24	24.7	24.2	0.180	0.202	0.120	0.135	
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	24.7	24.0	0.554	0.651	0.324	0.381	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	133297	680.5	50	24	23.7	23.1	0.412	0.473	0.233	0.268	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	133297	680.5	1	49	24.7	24.0	0.489	0.575	0.251	0.295	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	133297	680.5	50	24	23.7	23.1	0.398	0.457	0.205	0.235	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	133297	680.5	1	49	24.7	24.0	0.558	0.656	0.338	0.397	53
ANT 2	Head	QPSK	Mode A	0	Right Cheek	133297	680.5	50	24	23.7	23.1	0.451	0.518	0.274	0.315	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	133297	680.5	1	49	24.7	24.0	0.459	0.539	0.250	0.294	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	133297	680.5	50	24	23.7	23.1	0.373	0.428	0.204	0.234	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	133297	680.5	1	49	24.7	24.0	0.534	0.627	0.294	0.345	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	133297	680.5	50	24	23.7	23.1	0.433	0.497	0.239	0.274	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	133297	680.5	1	49	24.7	24.0	0.227	0.267	0.143	0.168	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	133297	680.5	50	24	23.7	23.1	0.182	0.209	0.114	0.131	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	133297	680.5	1	49	24.7	24.0	0.217	0.255	0.105	0.123	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	133297	680.5	50	24	23.7	23.1	0.178	0.204	0.086	0.099	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	133297	680.5	1	49	24.7	24.0	0.146	0.172	0.098	0.115	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	133297	680.5	50	24	23.7	23.1	0.118	0.135	0.079	0.091	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	133297	680.5	1	49	24.7	24.0	0.247	0.290	0.165	0.194	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	133297	680.5	50	24	23.7	23.1	0.201	0.231	0.134	0.154	
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	25.1	0.073	0.078	0.057	0.061	
ANT 3	Head	QPSK	Mode A	0	Left Cheek	133297	680.5	50	25	24.4	24.1	0.058	0.062	0.046	0.049	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	133297	680.5	1	49	25.4	25.1	0.046	0.049	0.037	0.040	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	133297	680.5	50	25	24.4	24.1	0.037	0.040	0.030	0.032	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	133297	680.5	1	49	25.4	25.1	0.046	0.049	0.037	0.040	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	133297	680.5	50	25	24.4	24.1	0.036	0.039	0.029	0.031	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	133297	680.5	1	49	25.4	25.1	0.031	0.033	0.025	0.027	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	133297	680.5	50	25	24.4	24.1	0.025	0.027	0.021	0.023	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	133297	680.5	1	49	25.4	25.1	0.586	0.628	0.290	0.311	54
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	133297	680.5	50	25	24.4	24.1	0.485	0.520	0.239	0.256	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	133297	680.5	1	49	25.4	25.1	0.171	0.183	0.097	0.104	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	133297	680.5	50	25	24.4	24.1	0.140	0.150	0.079	0.085	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	133297	680.5	1	49	25.4	25.1	0.289	0.310	0.111	0.119	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	133297	680.5	50	25	24.4	24.1	0.232	0.249	0.090	0.096	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	133297	680.5	1	49	25.4	25.1	0.455	0.488	0.212	0.227	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	133297	680.5	50	25	24.4	24.1	0.365	0.391	0.171	0.183	

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 $\pi/2$ BPSK	Mode A	0	Left Cheek	167300	836.5	1	53	25.7	25.7	0.189	0.189	0.147	0.147	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	167300	836.5	50	28	25.7	25.5	0.201	0.210	0.155	0.162	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	167300	836.5	1	53	25.7	25.7	0.080	0.080	0.063	0.063	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	167300	836.5	50	28	25.7	25.5	0.091	0.095	0.072	0.075	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	167300	836.5	1	53	25.7	25.7	0.216	0.216	0.168	0.168	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	167300	836.5	50	28	25.7	25.5	0.208	0.218	0.162	0.170	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	167300	836.5	1	53	25.7	25.7	0.086	0.086	0.067	0.067	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	167300	836.5	50	28	25.7	25.5	0.087	0.091	0.069	0.072	
ANT 1	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	167300	836.5	1	53	25.7	25.7	0.665	0.665	0.377	0.377	
ANT 1	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	167300	836.5	50	28	25.7	25.5	0.577	0.604	0.335	0.351	
ANT 1	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	167300	836.5	1	53	25.7	25.7	0.351	0.351	0.213	0.213	
ANT 1	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	167300	836.5	50	28	25.7	25.5	0.366	0.383	0.221	0.231	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	167300	836.5	1	53	25.7	25.7	0.621	0.621	0.403	0.403	55
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	167300	836.5	50	28	25.7	25.5	0.586	0.614	0.383	0.401	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Bottom	167300	836.5	1	53	25.7	25.7	0.345	0.345	0.156	0.156	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Bottom	167300	836.5	50	28	25.7	25.5	0.343	0.359	0.156	0.163	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	167300	836.5	1	53	25.7	25.7	0.193	0.193	0.127	0.127	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	167300	836.5	50	28	25.7	25.5	0.191	0.200	0.125	0.131	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	167300	836.5	1	53	24.5	24.2	0.534	0.572	0.384	0.411	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	167300	836.5	50	28	24.5	24.1	0.498	0.546	0.359	0.394	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	167300	836.5	1	53	24.5	24.2	0.387	0.415	0.237	0.254	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	167300	836.5	50	28	24.5	24.1	0.455	0.499	0.264	0.289	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	167300	836.5	1	53	24.5	24.2	0.656	0.703	0.426	0.456	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	167300	836.5	50	28	24.5	24.1	0.672	0.737	0.433	0.475	56
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	167300	836.5	1	53	24.5	24.2	0.528	0.566	0.285	0.305	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	167300	836.5	50	28	24.5	24.1	0.528	0.579	0.287	0.315	
ANT 2	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	167300	836.5	1	53	24.7	24.6	0.734	0.751	0.434	0.444	
ANT 2	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	167300	836.5	50	28	24.7	24.2	0.700	0.785	0.412	0.462	57
ANT 2	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	167300	836.5	1	53	24.7	24.6	0.328	0.336	0.217	0.222	
ANT 2	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	167300	836.5	50	28	24.7	24.2	0.316	0.355	0.210	0.236	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Top	167300	836.5	1	53	24.7	24.6	0.236	0.241	0.115	0.118	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Top	167300	836.5	50	28	24.7	24.2	0.243	0.273	0.118	0.132	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	167300	836.5	1	53	24.7	24.6	0.143	0.146	0.093	0.095	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	167300	836.5	50	28	24.7	24.2	0.137	0.154	0.090	0.101	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	167300	836.5	1	53	24.7	24.6	0.275	0.281	0.178	0.182	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	167300	836.5	50	28	24.7	24.2	0.263	0.295	0.171	0.192	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	167300	836.5	1	53	25.4	25.0	0.127	0.139	0.099	0.109	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	167300	836.5	50	28	25.4	25.1	0.114	0.122	0.089	0.095	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	167300	836.5	1	53	25.4	25.0	0.067	0.073	0.053	0.058	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	167300	836.5	50	28	25.4	25.1	0.057	0.061	0.045	0.048	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	167300	836.5	1	53	25.4	25.0	0.090	0.099	0.073	0.080	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	167300	836.5	50	28	25.4	25.1	0.087	0.093	0.068	0.073	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	167300	836.5	1	53	25.4	25.0	0.056	0.061	0.044	0.048	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	167300	836.5	50	28	25.4	25.1	0.051	0.055	0.040	0.043	
ANT 3	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	167300	836.5	1	53	25.3	24.9	0.604	0.662	0.320	0.351	
ANT 3	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	167300	836.5	50	28	25.3	25.0	0.657	0.704	0.347	0.372	
ANT 3	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	167300	836.5	1	53	25.3	24.9	0.240	0.263	0.138	0.151	
ANT 3	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	167300	836.5	50	28	25.3	25.0	0.204	0.219	0.116	0.124	
ANT 3	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Bottom	167300	836.5	1	53	25.3	24.9	0.251	0.275	0.103	0.113	
ANT 3	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Bottom	167300	836.5	50	28	25.3	25.0	0.232	0.249	0.094	0.101	
ANT 3	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	167300	836.5	1	53	25.3	24.9	0.369	0.405	0.160	0.175	
ANT 3	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	167300	836.5	50	28	25.3	25.0	0.299	0.320	0.131	0.140	

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 $\pi/2$ BPSK	Mode A	0	Left Cheek	507000	2535	1	108	20.0	19.6	0.115	0.126	0.068	0.075	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	507000	2535	108	54	20.0	19.6	0.135	0.148	0.064	0.070	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	507000	2535	1	108	20.0	19.6	0.066	0.072	0.033	0.036	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	507000	2535	108	54	20.0	19.6	0.064	0.070	0.032	0.035	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	507000	2535	1	108	20.0	19.6	0.351	0.385	0.187	0.205	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	507000	2535	108	54	20.0	19.6	0.334	0.366	0.177	0.194	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	507000	2535	1	108	20.0	19.6	0.096	0.105	0.052	0.057	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	507000	2535	108	54	20.0	19.6	0.089	0.098	0.048	0.053	
ANT 1	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	507000	2535	1	108	22.2	21.2	0.750	0.944	0.374	0.471	58
ANT 1	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	507000	2535	108	54	22.2	21.2	0.718	0.904	0.360	0.453	
ANT 1	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	507000	2535	1	108	22.2	21.2	0.412	0.519	0.159	0.200	
ANT 1	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	507000	2535	108	54	22.2	21.2	0.353	0.444	0.140	0.176	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	507000	2535	1	108	22.2	21.2	0.731	0.920	0.316	0.398	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	507000	2535	108	54	22.2	21.2	0.721	0.908	0.312	0.393	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Bottom	507000	2535	1	108	22.2	21.2	0.645	0.812	0.246	0.310	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Bottom	507000	2535	108	54	22.2	21.2	0.636	0.801	0.243	0.306	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	507000	2535	1	108	22.2	21.2	0.121	0.152	0.051	0.064	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	507000	2535	108	54	22.2	21.2	0.121	0.152	0.051	0.064	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	507000	2535	1	108	18.5	17.9	0.386	0.443	0.153	0.176	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	507000	2535	108	54	18.5	17.9	0.375	0.431	0.150	0.172	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	507000	2535	1	108	18.5	17.9	0.457	0.525	0.174	0.200	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	507000	2535	108	54	18.5	17.9	0.450	0.517	0.171	0.196	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	507000	2535	1	108	18.5	17.9	0.794	0.912	0.339	0.389	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	507000	2535	108	54	18.5	17.9	0.801	0.920	0.341	0.392	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	507000	2535	1	108	18.5	17.9	0.572	0.657	0.219	0.251	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	507000	2535	108	54	18.5	17.9	0.592	0.680	0.226	0.259	
ANT 2	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	507000	2535	1	108	19.5	19.2	0.851	0.912	0.332	0.356	
ANT 2	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	507000	2535	108	54	19.5	19.2	0.853	0.914	0.331	0.355	
ANT 2	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	507000	2535	1	108	19.5	19.2	0.559	0.599	0.235	0.252	
ANT 2	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	507000	2535	108	54	19.5	19.2	0.612	0.656	0.255	0.273	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Top	507000	2535	1	108	19.5	19.2	0.446	0.478	0.161	0.173	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Top	507000	2535	108	54	19.5	19.2	0.427	0.458	0.155	0.166	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	507000	2535	1	108	19.5	19.2	0.041	0.044	0.019	0.020	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	507000	2535	108	54	19.5	19.2	0.040	0.043	0.019	0.020	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	507000	2535	1	108	19.5	19.2	0.872	0.934	0.375	0.402	59
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	507000	2535	108	54	19.5	19.2	0.855	0.916	0.367	0.393	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	507000	2535	1	108	21.8	21.8	0.139	0.139	0.067	0.067	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	507000	2535	108	54	21.8	21.7	0.159	0.163	0.077	0.079	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	507000	2535	1	108	21.8	21.8	0.056	0.056	0.028	0.028	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	507000	2535	108	54	21.8	21.7	0.058	0.059	0.028	0.029	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	507000	2535	1	108	21.8	21.8	0.055	0.055	0.029	0.029	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	507000	2535	108	54	21.8	21.7	0.093	0.095	0.047	0.048	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	507000	2535	1	108	21.8	21.8	0.051	0.051	0.024	0.024	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	507000	2535	108	54	21.8	21.7	0.054	0.055	0.027	0.028	
ANT 3	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	507000	2535	1	108	21.5	21.1	0.805	0.883	0.341	0.374	
ANT 3	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	507000	2535	108	54	21.5	21.0	0.809	0.908	0.346	0.388	
ANT 3	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	507000	2535	1	108	21.5	21.1	0.580	0.636	0.271	0.297	
ANT 3	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	507000	2535	108	54	21.5	21.0	0.615	0.690	0.290	0.325	
ANT 3	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Bottom	507000	2535	1	108	21.5	21.1	0.326	0.357	0.159	0.174	
ANT 3	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Bottom	507000	2535	108	54	21.5	21.0	0.312	0.350	0.149	0.167	
ANT 3	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	507000	2535	1	108	21.5	21.1	0.663	0.727	0.283	0.310	
ANT 3	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	507000	2535	108	54	21.5	21.0	0.635	0.712	0.273	0.306	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	507000	2535	1	108	20.4	20.2	0.848	0.888	0.346	0.362	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	507000	2535	108	54	20.4	20.0	0.857	0.940	0.349	0.383	60
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	507000	2535	1	108	20.4	20.2	0.224	0.235	0.110	0.115	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	507000	2535	108	54	20.4	20.0	0.232	0.254	0.114	0.125	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	507000	2535	1	108	20.4	20.2	0.267	0.280	0.135	0.141	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	507000	2535	108	54	20.4	20.0	0.260	0.285	0.131	0.144	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	507000	2535	1	108	20.4	20.2	0.071	0.074	0.037	0.039	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	507000	2535	108	54	20.4	20.0	0.070	0.077	0.036	0.039	
ANT 4	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	507000	2535	1	108	20.5	20.4	0.794	0.812	0.332	0.340	
ANT 4	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	507000	2535	108	54	20.5	20.4	0.805	0.824	0.335	0.343	
ANT 4	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	507000	2535	1	108	20.5	20.4	0.440	0.450	0.194	0.199	
ANT 4	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	507000	2535	108	54	20.5	20.4	0.442	0.452	0.194	0.199	
ANT 4	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Top	507000	2535	1	108	20.5	20.4	0.082	0.084	0.040	0.041	
ANT 4	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Top	507000	2535	108	54	20.5	20.4	0.081	0.083	0.041	0.042	
ANT 4	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	507000	2535	1	108	20.5	20.4	0.887	0.908	0.356	0.364	
ANT 4	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	507000	2535	108	54	20.5	20.4	0.868	0.888	0.347	0.355	

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 $\pi/2$ BPSK	Mode A	0	Left Cheek	141500	707.5	1	39	25.7	25.7	0.121	0.121	0.096	0.096	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	141500	707.5	36	22	25.7	25.4	0.114	0.122	0.090	0.096	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	141500	707.5	1	39	25.7	25.7	0.080	0.080	0.065	0.065	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	141500	707.5	36	22	25.7	25.4	0.077	0.083	0.063	0.068	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	141500	707.5	1	39	25.7	25.7	0.144	0.144	0.115	0.115	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	141500	707.5	36	22	25.7	25.4	0.147	0.158	0.116	0.124	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	141500	707.5	1	39	25.7	25.7	0.084	0.084	0.066	0.066	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	141500	707.5	36	22	25.7	25.4	0.087	0.093	0.070	0.075	
ANT 1	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	141500	707.5	1	39	25.7	25.7	0.379	0.379	0.248	0.248	
ANT 1	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	141500	707.5	36	22	25.7	25.4	0.378	0.405	0.247	0.265	
ANT 1	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	141500	707.5	1	39	25.7	25.7	0.210	0.210	0.149	0.149	
ANT 1	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	141500	707.5	36	22	25.7	25.4	0.204	0.219	0.147	0.158	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	141500	707.5	1	39	25.7	25.7	0.632	0.632	0.419	0.419	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	141500	707.5	36	22	25.7	25.4	0.602	0.645	0.400	0.429	61
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Bottom	141500	707.5	1	39	25.7	25.7	0.193	0.193	0.084	0.084	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Bottom	141500	707.5	36	22	25.7	25.4	0.158	0.169	0.072	0.077	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	141500	707.5	1	39	25.7	25.7	0.331	0.331	0.219	0.219	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	141500	707.5	36	22	25.7	25.4	0.330	0.354	0.219	0.235	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	141500	707.5	1	39	24.7	24.4	0.554	0.594	0.331	0.355	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	141500	707.5	36	22	24.7	24.2	0.468	0.525	0.293	0.329	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	141500	707.5	1	39	24.7	24.4	0.548	0.587	0.291	0.312	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	141500	707.5	36	22	24.7	24.2	0.541	0.607	0.288	0.323	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	141500	707.5	1	39	24.7	24.4	0.573	0.614	0.348	0.373	62
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	141500	707.5	36	22	24.7	24.2	0.542	0.608	0.333	0.374	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	141500	707.5	1	39	24.7	24.4	0.553	0.593	0.299	0.320	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	141500	707.5	36	22	24.7	24.2	0.522	0.586	0.284	0.319	
ANT 2	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	141500	707.5	1	39	24.7	24.4	0.441	0.473	0.258	0.276	
ANT 2	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	141500	707.5	36	22	24.7	24.2	0.400	0.449	0.233	0.261	
ANT 2	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	141500	707.5	1	39	24.7	24.4	0.204	0.219	0.127	0.136	
ANT 2	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	141500	707.5	36	22	24.7	24.2	0.210	0.236	0.126	0.141	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Top	141500	707.5	1	39	24.7	24.4	0.147	0.158	0.073	0.078	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Top	141500	707.5	36	22	24.7	24.2	0.130	0.146	0.065	0.073	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	141500	707.5	1	39	24.7	24.4	0.146	0.156	0.097	0.104	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	141500	707.5	36	22	24.7	24.2	0.156	0.175	0.103	0.116	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	141500	707.5	1	39	24.7	24.4	0.282	0.302	0.185	0.198	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	141500	707.5	36	22	24.7	24.2	0.263	0.295	0.172	0.193	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	141500	707.5	1	39	25.4	25.0	0.095	0.104	0.072	0.079	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	141500	707.5	36	22	25.4	24.8	0.089	0.102	0.069	0.079	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	141500	707.5	1	39	25.4	25.0	0.054	0.059	0.044	0.048	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	141500	707.5	36	22	25.4	24.8	0.052	0.060	0.042	0.048	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	141500	707.5	1	39	25.4	25.0	0.068	0.075	0.054	0.059	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	141500	707.5	36	22	25.4	24.8	0.067	0.077	0.053	0.061	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	141500	707.5	1	39	25.4	25.0	0.052	0.057	0.042	0.046	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	141500	707.5	36	22	25.4	24.8	0.051	0.059	0.041	0.047	
ANT 3	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	141500	707.5	1	39	25.4	25.0	0.457	0.501	0.243	0.266	
ANT 3	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	141500	707.5	36	22	25.4	24.8	0.488	0.560	0.255	0.293	63
ANT 3	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	141500	707.5	1	39	25.4	25.0	0.209	0.229	0.122	0.134	
ANT 3	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	141500	707.5	36	22	25.4	24.8	0.207	0.238	0.121	0.139	
ANT 3	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Bottom	141500	707.5	1	39	25.4	25.0	0.240	0.263	0.094	0.103	
ANT 3	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Bottom	141500	707.5	36	22	25.4	24.8	0.240	0.276	0.093	0.107	
ANT 3	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	141500	707.5	1	39	25.4	25.0	0.412	0.452	0.245	0.269	
ANT 3	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	141500	707.5	36	22	25.4	24.8	0.399	0.458	0.243	0.279	

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 $\pi/2$ BPSK	Mode A	0	Left Cheek	158600	793	1	26	25.7	25.2	0.181	0.203	0.142	0.159	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	158600	793	25	14	25.7	25.2	0.176	0.197	0.138	0.155	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	158600	793	1	26	25.7	25.2	0.118	0.132	0.096	0.108	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	158600	793	25	14	25.7	25.2	0.118	0.132	0.096	0.108	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	158600	793	1	26	25.7	25.2	0.212	0.238	0.167	0.187	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	158600	793	25	14	25.7	25.2	0.178	0.200	0.142	0.159	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	158600	793	1	26	25.7	25.2	0.122	0.137	0.098	0.110	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	158600	793	25	14	25.7	25.2	0.098	0.110	0.079	0.089	
ANT 1	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	158600	793	1	26	25.7	25.2	0.481	0.540	0.292	0.328	
ANT 1	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	158600	793	25	14	25.7	25.2	0.448	0.503	0.276	0.310	
ANT 1	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	158600	793	1	26	25.7	25.2	0.277	0.311	0.180	0.202	
ANT 1	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	158600	793	25	14	25.7	25.2	0.273	0.306	0.178	0.200	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	158600	793	1	26	25.7	25.2	0.781	0.876	0.510	0.572	64
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	158600	793	25	14	25.7	25.2	0.759	0.852	0.497	0.558	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Bottom	158600	793	1	26	25.7	25.2	0.221	0.248	0.097	0.109	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Bottom	158600	793	25	14	25.7	25.2	0.212	0.238	0.094	0.105	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	158600	793	1	26	25.7	25.2	0.394	0.442	0.259	0.291	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	158600	793	25	14	25.7	25.2	0.390	0.438	0.257	0.288	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	158600	793	1	26	24.5	24.1	0.687	0.753	0.426	0.467	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	158600	793	25	14	24.5	24.0	0.693	0.778	0.462	0.518	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	158600	793	1	26	24.5	24.1	0.456	0.500	0.257	0.282	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	158600	793	25	14	24.5	24.0	0.470	0.527	0.258	0.289	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	158600	793	1	26	24.5	24.1	0.758	0.831	0.474	0.520	65
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	158600	793	25	14	24.5	24.0	0.621	0.697	0.374	0.420	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	158600	793	1	26	24.5	24.1	0.545	0.598	0.294	0.322	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	158600	793	25	14	24.5	24.0	0.487	0.546	0.253	0.284	
ANT 2	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	158600	793	1	26	24.5	24.1	0.604	0.662	0.347	0.380	
ANT 2	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	158600	793	25	14	24.5	24.0	0.614	0.689	0.351	0.394	66
ANT 2	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	158600	793	1	26	24.5	24.1	0.294	0.322	0.178	0.195	
ANT 2	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	158600	793	25	14	24.5	24.0	0.276	0.310	0.166	0.186	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Top	158600	793	1	26	24.5	24.1	0.223	0.245	0.110	0.121	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Top	158600	793	25	14	24.5	24.0	0.219	0.246	0.108	0.121	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	158600	793	1	26	24.5	24.1	0.201	0.220	0.131	0.144	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	158600	793	25	14	24.5	24.0	0.191	0.214	0.124	0.139	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	158600	793	1	26	24.5	24.1	0.284	0.311	0.185	0.203	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	158600	793	25	14	24.5	24.0	0.261	0.293	0.171	0.192	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	158600	793	1	26	25.4	25.1	0.092	0.099	0.071	0.076	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	158600	793	25	14	25.4	24.9	0.090	0.101	0.069	0.077	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	158600	793	1	26	25.4	25.1	0.049	0.053	0.040	0.043	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	158600	793	25	14	25.4	24.9	0.051	0.057	0.042	0.047	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	158600	793	1	26	25.4	25.1	0.068	0.073	0.054	0.058	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	158600	793	25	14	25.4	24.9	0.071	0.080	0.056	0.063	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	158600	793	1	26	25.4	25.1	0.057	0.061	0.046	0.049	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	158600	793	25	14	25.4	24.9	0.058	0.065	0.046	0.052	
ANT 3	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	158600	793	1	26	25.4	25.1	0.414	0.444	0.221	0.237	
ANT 3	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	158600	793	25	14	25.4	24.9	0.429	0.481	0.228	0.256	
ANT 3	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	158600	793	1	26	25.4	25.1	0.162	0.174	0.097	0.104	
ANT 3	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	158600	793	25	14	25.4	24.9	0.225	0.252	0.127	0.142	
ANT 3	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Bottom	158600	793	1	26	25.4	25.1	0.194	0.208	0.082	0.088	
ANT 3	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Bottom	158600	793	25	14	25.4	24.9	0.214	0.240	0.088	0.099	
ANT 3	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	158600	793	1	26	25.4	25.1	0.351	0.376	0.186	0.199	
ANT 3	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	158600	793	25	14	25.4	24.9	0.329	0.369	0.183	0.205	

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 $\pi/2$ BPSK	Mode A	0	Left Cheek	376500	1882.5	1	108	25.7	25.7	0.131	0.131	0.088	0.088	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	376500	1882.5	108	54	25.7	25.7	0.131	0.131	0.088	0.088	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	376500	1882.5	1	108	25.7	25.7	0.092	0.092	0.059	0.059	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	376500	1882.5	108	54	25.7	25.7	0.094	0.094	0.060	0.060	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	376500	1882.5	1	108	25.7	25.7	0.254	0.254	0.159	0.159	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	376500	1882.5	108	54	25.7	25.7	0.262	0.262	0.165	0.165	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	376500	1882.5	1	108	25.7	25.7	0.097	0.097	0.063	0.063	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	376500	1882.5	108	54	25.7	25.7	0.095	0.095	0.063	0.063	
ANT 1	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	376500	1882.5	1	108	19.5	19.3	0.597	0.625	0.298	0.312	
ANT 1	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	376500	1882.5	108	54	19.5	19.2	0.442	0.474	0.231	0.248	
ANT 1	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	376500	1882.5	1	108	19.5	19.3	0.391	0.409	0.198	0.207	
ANT 1	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	376500	1882.5	108	54	19.5	19.2	0.347	0.372	0.175	0.188	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	376500	1882.5	1	108	19.5	19.3	0.301	0.315	0.143	0.150	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	376500	1882.5	108	54	19.5	19.2	0.253	0.271	0.120	0.129	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Bottom	376500	1882.5	1	108	19.5	19.3	0.865	0.906	0.410	0.429	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Bottom	376500	1882.5	108	54	19.5	19.2	0.830	0.889	0.395	0.423	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	376500	1882.5	1	108	19.5	19.3	0.023	0.024	0.012	0.013	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	376500	1882.5	108	54	19.5	19.2	0.023	0.025	0.012	0.013	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	376500	1882.5	1	108	20.7	20.3	0.369	0.405	0.188	0.206	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	376500	1882.5	108	54	20.7	20.3	0.366	0.401	0.188	0.206	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	376500	1882.5	1	108	20.7	20.3	0.403	0.442	0.200	0.219	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	376500	1882.5	108	54	20.7	20.3	0.400	0.439	0.198	0.217	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	376500	1882.5	1	108	20.7	20.3	0.784	0.860	0.423	0.464	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	376500	1882.5	108	54	20.7	20.3	0.839	0.920	0.463	0.508	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	376500	1882.5	1	108	20.7	20.3	0.736	0.807	0.350	0.384	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	376500	1882.5	108	54	20.7	20.3	0.738	0.809	0.353	0.387	
ANT 2	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	376500	1882.5	1	108	20.4	19.9	0.685	0.769	0.322	0.361	
ANT 2	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	376500	1882.5	108	54	20.4	19.8	0.671	0.770	0.316	0.363	
ANT 2	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	376500	1882.5	1	108	20.4	19.9	0.425	0.477	0.212	0.238	
ANT 2	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	376500	1882.5	108	54	20.4	19.8	0.439	0.504	0.219	0.251	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Top	376500	1882.5	1	108	20.4	19.9	0.828	0.929	0.328	0.368	67
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Top	376500	1882.5	108	54	20.4	19.8	0.809	0.929	0.379	0.435	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	376500	1882.5	1	108	20.4	19.9	0.017	0.019	0.009	0.010	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	376500	1882.5	108	54	20.4	19.8	0.017	0.020	0.008	0.009	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	376500	1882.5	1	108	20.4	19.9	0.391	0.439	0.197	0.221	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	376500	1882.5	108	54	20.4	19.8	0.385	0.442	0.188	0.216	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	376500	1882.5	1	108	23.3	23.3	0.299	0.299	0.183	0.183	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	376500	1882.5	108	54	23.3	23.3	0.271	0.271	0.168	0.168	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	376500	1882.5	1	108	23.3	23.3	0.149	0.149	0.095	0.095	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	376500	1882.5	108	54	23.3	23.3	0.128	0.128	0.057	0.057	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	376500	1882.5	1	108	23.3	23.3	0.182	0.182	0.116	0.116	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	376500	1882.5	108	54	23.3	23.3	0.176	0.176	0.111	0.111	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	376500	1882.5	1	108	23.3	23.3	0.123	0.123	0.074	0.074	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	376500	1882.5	108	54	23.3	23.3	0.125	0.125	0.076	0.076	
ANT 3	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	376500	1882.5	1	108	22.2	22.0	0.869	0.910	0.450	0.471	
ANT 3	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	376500	1882.5	108	54	22.2	22.0	0.832	0.871	0.439	0.460	
ANT 3	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	376500	1882.5	1	108	22.2	22.0	0.277	0.290	0.167	0.175	
ANT 3	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	376500	1882.5	108	54	22.2	22.0	0.311	0.326	0.185	0.194	
ANT 3	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Bottom	376500	1882.5	1	108	22.2	22.0	0.178	0.186	0.085	0.089	
ANT 3	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Bottom	376500	1882.5	108	54	22.2	22.0	0.175	0.183	0.082	0.086	
ANT 3	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	376500	1882.5	1	108	22.2	22.0	0.795	0.832	0.397	0.416	
ANT 3	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	376500	1882.5	108	54	22.2	22.0	0.781	0.818	0.394	0.413	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	376500	1882.5	1	108	21.1	20.5	0.806	0.925	0.462	0.530	68
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	376500	1882.5	108	54	21.1	20.5	0.800	0.919	0.454	0.521	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	376500	1882.5	1	108	21.1	20.5	0.436	0.501	0.255	0.293	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	376500	1882.5	108	54	21.1	20.5	0.422	0.485	0.242	0.278	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	376500	1882.5	1	108	21.1	20.5	0.344	0.395	0.213	0.245	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	376500	1882.5	108	54	21.1	20.5	0.339	0.389	0.210	0.241	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	376500	1882.5	1	108	21.1	20.5	0.258	0.296	0.152	0.175	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	376500	1882.5	108	54	21.1	20.5	0.232	0.266	0.138	0.158	
ANT 4	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	376500	1882.5	1	108	21.7	21.3	0.784	0.860	0.411	0.451	
ANT 4	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	376500	1882.5	108	54	21.7	21.3	0.854	0.936	0.443	0.486	69
ANT 4	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	376500	1882.5	1	108	21.7	21.3	0.292	0.320	0.177	0.194	
ANT 4	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	376500	1882.5	108	54	21.7	21.3	0.354	0.388	0.209	0.229	
ANT 4	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Top	376500	1882.5	1	108	21.7	21.3	0.244	0.268	0.105	0.115	
ANT 4	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Top	376500	1882.5	108	54	21.7	21.3	0.255	0.280	0.109	0.120	
ANT 4	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	376500	1882.5	1	108	21.7	21.3	0.670	0.735	0.323	0.354	
ANT 4	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	376500	1882.5	108	54	21.7	21.3	0.733	0.804	0.342	0.375	

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 $\pi/2$ BPSK	Mode A	0	Left Cheek	166300	831.5	1	53	25.7	25.7	0.138	0.138	0.108	0.108	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	166300	831.5	50	28	25.7	25.5	0.134	0.140	0.106	0.111	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	166300	831.5	1	53	25.7	25.7	0.067	0.067	0.053	0.053	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	166300	831.5	50	28	25.7	25.5	0.066	0.069	0.052	0.054	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	166300	831.5	1	53	25.7	25.7	0.185	0.185	0.143	0.143	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	166300	831.5	50	28	25.7	25.5	0.181	0.190	0.138	0.145	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	166300	831.5	1	53	25.7	25.7	0.073	0.073	0.057	0.057	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	166300	831.5	50	28	25.7	25.5	0.068	0.071	0.054	0.057	
ANT 1	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	166300	831.5	1	53	25.7	25.7	0.655	0.655	0.361	0.361	
ANT 1	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	166300	831.5	50	28	25.7	25.5	0.599	0.627	0.332	0.348	
ANT 1	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	166300	831.5	1	53	25.7	25.7	0.260	0.260	0.155	0.155	
ANT 1	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	166300	831.5	50	28	25.7	25.5	0.282	0.295	0.166	0.174	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	166300	831.5	1	53	25.7	25.7	0.509	0.509	0.329	0.329	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	166300	831.5	50	28	25.7	25.5	0.531	0.556	0.341	0.357	70
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Bottom	166300	831.5	1	53	25.7	25.7	0.270	0.270	0.122	0.122	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Bottom	166300	831.5	50	28	25.7	25.5	0.271	0.284	0.122	0.128	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	166300	831.5	1	53	25.7	25.7	0.184	0.184	0.120	0.120	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	166300	831.5	50	28	25.7	25.5	0.184	0.193	0.120	0.126	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	166300	831.5	1	53	24.5	24.1	0.541	0.593	0.385	0.422	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	166300	831.5	50	28	24.5	24.0	0.509	0.571	0.353	0.396	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	166300	831.5	1	53	24.5	24.1	0.385	0.422	0.240	0.263	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	166300	831.5	50	28	24.5	24.0	0.420	0.471	0.256	0.287	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	166300	831.5	1	53	24.5	24.1	0.771	0.845	0.489	0.536	71
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	166300	831.5	50	28	24.5	24.0	0.738	0.828	0.486	0.545	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	166300	831.5	1	53	24.5	24.1	0.423	0.464	0.246	0.270	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	166300	831.5	50	28	24.5	24.0	0.435	0.488	0.237	0.266	
ANT 2	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	166300	831.5	1	53	24.7	24.3	0.770	0.844	0.462	0.507	72
ANT 2	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	166300	831.5	50	28	24.7	24.2	0.749	0.840	0.437	0.490	
ANT 2	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	166300	831.5	1	53	24.7	24.3	0.323	0.354	0.208	0.228	
ANT 2	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	166300	831.5	50	28	24.7	24.2	0.298	0.334	0.192	0.215	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Top	166300	831.5	1	53	24.7	24.3	0.261	0.286	0.124	0.136	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Top	166300	831.5	50	28	24.7	24.2	0.228	0.256	0.110	0.123	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	166300	831.5	1	53	24.7	24.3	0.175	0.192	0.114	0.125	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	166300	831.5	50	28	24.7	24.2	0.161	0.181	0.105	0.118	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	166300	831.5	1	53	24.7	24.3	0.302	0.331	0.197	0.216	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	166300	831.5	50	28	24.7	24.2	0.297	0.333	0.193	0.217	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	166300	831.5	1	53	25.4	25.2	0.126	0.132	0.097	0.102	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	166300	831.5	50	28	25.4	25.2	0.129	0.135	0.100	0.105	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	166300	831.5	1	53	25.4	25.2	0.067	0.070	0.053	0.055	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	166300	831.5	50	28	25.4	25.2	0.073	0.076	0.058	0.061	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	166300	831.5	1	53	25.4	25.2	0.102	0.107	0.081	0.085	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	166300	831.5	50	28	25.4	25.2	0.104	0.109	0.082	0.086	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	166300	831.5	1	53	25.4	25.2	0.059	0.062	0.046	0.048	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	166300	831.5	50	28	25.4	25.2	0.057	0.060	0.044	0.046	
ANT 3	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	166300	831.5	1	53	25.3	25.1	0.558	0.584	0.296	0.310	
ANT 3	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	166300	831.5	50	28	25.3	25.1	0.552	0.578	0.291	0.305	
ANT 3	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	166300	831.5	1	53	25.3	25.1	0.264	0.278	0.151	0.158	
ANT 3	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	166300	831.5	50	28	25.3	25.1	0.338	0.354	0.188	0.197	
ANT 3	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Bottom	166300	831.5	1	53	25.3	25.1	0.331	0.347	0.133	0.139	
ANT 3	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Bottom	166300	831.5	50	28	25.3	25.1	0.261	0.273	0.106	0.111	
ANT 3	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	166300	831.5	1	53	25.3	25.1	0.339	0.355	0.162	0.170	
ANT 3	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	166300	831.5	50	28	25.3	25.1	0.333	0.349	0.150	0.157	

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 $\pi/2$ BPSK	Mode A	0	Left Cheek	462000	2310	1	26	25.2	25.2	0.079	0.079	0.034	0.034	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	462000	2310	25	14	25.2	25.1	0.082	0.084	0.035	0.036	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	462000	2310	1	26	25.2	25.2	0.021	0.021	0.010	0.010	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	462000	2310	25	14	25.2	25.1	0.023	0.024	0.011	0.011	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	462000	2310	1	26	25.2	25.2	0.104	0.104	0.052	0.052	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	462000	2310	25	14	25.2	25.1	0.096	0.098	0.048	0.049	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	462000	2310	1	26	25.2	25.2	0.081	0.081	0.042	0.042	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	462000	2310	25	14	25.2	25.1	0.078	0.080	0.041	0.042	
ANT 1	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	462000	2310	1	26	24.3	23.9	0.614	0.673	0.286	0.314	
ANT 1	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	462000	2310	25	14	24.3	23.9	0.591	0.648	0.276	0.303	
ANT 1	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	462000	2310	1	26	24.3	23.9	0.497	0.545	0.241	0.264	
ANT 1	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	462000	2310	25	14	24.3	23.9	0.386	0.423	0.198	0.217	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	462000	2310	1	26	24.3	23.9	0.848	0.930	0.351	0.385	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	462000	2310	25	14	24.3	23.9	0.835	0.916	0.344	0.377	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Bottom	462000	2310	1	26	24.3	23.9	0.546	0.599	0.226	0.248	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Bottom	462000	2310	25	14	24.3	23.9	0.561	0.615	0.232	0.254	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	462000	2310	1	26	24.3	23.9	0.040	0.044	0.019	0.021	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	462000	2310	25	14	24.3	23.9	0.041	0.045	0.019	0.021	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	462000	2310	1	26	22.3	21.6	0.158	0.186	0.081	0.095	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	462000	2310	25	14	22.3	21.4	0.167	0.205	0.087	0.107	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	462000	2310	1	26	22.3	21.6	0.215	0.253	0.100	0.117	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	462000	2310	25	14	22.3	21.4	0.239	0.294	0.107	0.132	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	462000	2310	1	26	22.3	21.6	0.723	0.849	0.362	0.425	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	462000	2310	25	14	22.3	21.4	0.759	0.934	0.369	0.454	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	462000	2310	1	26	22.3	21.6	0.498	0.585	0.214	0.251	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	462000	2310	25	14	22.3	21.4	0.470	0.578	0.202	0.249	
ANT 2	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	462000	2310	1	26	23.0	22.3	0.791	0.929	0.359	0.422	73
ANT 2	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	462000	2310	25	14	23.0	22.2	0.769	0.925	0.345	0.415	
ANT 2	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	462000	2310	1	26	23.0	22.3	0.324	0.381	0.176	0.207	
ANT 2	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	462000	2310	25	14	23.0	22.2	0.376	0.452	0.210	0.252	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Top	462000	2310	1	26	23.0	22.3	0.329	0.387	0.119	0.140	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Top	462000	2310	25	14	23.0	22.2	0.314	0.378	0.109	0.131	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	462000	2310	1	26	23.0	22.3	0.033	0.039	0.016	0.019	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	462000	2310	25	14	23.0	22.2	0.021	0.025	0.009	0.011	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	462000	2310	1	26	23.0	22.3	0.775	0.911	0.374	0.439	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	462000	2310	25	14	23.0	22.2	0.731	0.879	0.354	0.426	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	462000	2310	1	26	22.3	22.0	0.256	0.273	0.134	0.143	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	462000	2310	25	14	22.3	22.0	0.237	0.254	0.125	0.134	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	462000	2310	1	26	22.3	22.0	0.063	0.067	0.036	0.038	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	462000	2310	25	14	22.3	22.0	0.033	0.035	0.019	0.020	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	462000	2310	1	26	22.3	22.0	0.109	0.116	0.062	0.066	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	462000	2310	25	14	22.3	22.0	0.116	0.124	0.065	0.070	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	462000	2310	1	26	22.3	22.0	0.118	0.126	0.065	0.069	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	462000	2310	25	14	22.3	22.0	0.119	0.128	0.066	0.071	
ANT 3	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	462000	2310	1	26	20.2	19.1	0.682	0.879	0.296	0.381	
ANT 3	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	462000	2310	25	14	20.2	19.1	0.671	0.864	0.293	0.377	
ANT 3	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	462000	2310	1	26	20.2	19.1	0.467	0.602	0.233	0.300	
ANT 3	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	462000	2310	25	14	20.2	19.1	0.419	0.540	0.208	0.268	
ANT 3	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Bottom	462000	2310	1	26	20.2	19.1	0.263	0.339	0.133	0.171	
ANT 3	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Bottom	462000	2310	25	14	20.2	19.1	0.276	0.356	0.139	0.179	
ANT 3	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	462000	2310	1	26	20.2	19.1	0.653	0.841	0.297	0.383	
ANT 3	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	462000	2310	25	14	20.2	19.1	0.627	0.808	0.285	0.367	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	462000	2310	1	26	21.5	21.2	0.885	0.948	0.402	0.431	74
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	462000	2310	25	14	21.5	21.1	0.844	0.925	0.383	0.420	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	462000	2310	1	26	21.5	21.2	0.263	0.282	0.134	0.144	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	462000	2310	25	14	21.5	21.1	0.252	0.276	0.128	0.140	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	462000	2310	1	26	21.5	21.2	0.320	0.343	0.178	0.191	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	462000	2310	25	14	21.5	21.1	0.297	0.326	0.162	0.178	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	462000	2310	1	26	21.5	21.2	0.116	0.124	0.066	0.071	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	462000	2310	25	14	21.5	21.1	0.086	0.094	0.049	0.054	
ANT 4	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	462000	2310	1	26	20.0	19.2	0.449	0.540	0.199	0.239	
ANT 4	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	462000	2310	25	14	20.0	19.0	0.448	0.564	0.198	0.249	
ANT 4	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	462000	2310	1	26	20.0	19.2	0.208	0.250	0.097	0.117	
ANT 4	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	462000	2310	25	14	20.0	19.0	0.203	0.256	0.095	0.120	
ANT 4	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Top	462000	2310	1	26	20.0	19.2	0.034	0.041	0.013	0.016	
ANT 4	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Top	462000	2310	25	14	20.0	19.0	0.033	0.042	0.013	0.016	
ANT 4	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	462000	2310	1	26	20.0	19.2	0.733	0.881	0.315	0.379	
ANT 4	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	462000	2310	25	14	20.0	19.0	0.753	0.948	0.318	0.400	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 $\pi/2$ BPSK	Mode A	0	Left Cheek	518598	2592.99	1	136	24.5	24.5	0.097	0.097	0.056	0.056	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	518598	2592.99	135	69	24.5	24.5	0.076	0.076	0.042	0.042	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	518598	2592.99	1	136	24.5	24.5	0.056	0.056	0.027	0.027	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	518598	2592.99	135	69	24.5	24.5	0.052	0.052	0.025	0.025	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	518598	2592.99	1	136	24.5	24.5	0.225	0.225	0.115	0.115	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	518598	2592.99	135	69	24.5	24.5	0.241	0.241	0.121	0.121	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	518598	2592.99	1	136	24.5	24.5	0.046	0.046	0.023	0.023	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	518598	2592.99	135	69	24.5	24.5	0.043	0.043	0.021	0.021	
ANT 1	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	518598	2592.99	1	136	20.8	20.3	0.779	0.874	0.389	0.436	
ANT 1	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	518598	2592.99	135	69	20.8	20.2	0.667	0.766	0.338	0.388	
ANT 1	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	518598	2592.99	1	136	20.8	20.3	0.423	0.475	0.166	0.186	
ANT 1	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	518598	2592.99	135	69	20.8	20.2	0.385	0.442	0.152	0.175	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	518598	2592.99	1	136	20.8	20.3	0.764	0.857	0.331	0.371	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	518598	2592.99	135	69	20.8	20.2	0.799	0.917	0.345	0.396	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Bottom	518598	2592.99	1	136	20.8	20.3	0.578	0.649	0.216	0.242	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Bottom	518598	2592.99	135	69	20.8	20.2	0.530	0.609	0.197	0.226	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	518598	2592.99	1	136	20.8	20.3	0.114	0.128	0.048	0.054	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	518598	2592.99	135	69	20.8	20.2	0.108	0.124	0.045	0.052	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	518598	2592.99	1	136	18.5	17.7	0.444	0.534	0.174	0.209	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	518598	2592.99	135	69	18.5	17.7	0.418	0.503	0.165	0.198	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	518598	2592.99	1	136	18.5	17.7	0.547	0.658	0.207	0.249	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	518598	2592.99	135	69	18.5	17.7	0.544	0.654	0.203	0.244	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	518598	2592.99	1	136	18.5	17.7	0.764	0.919	0.324	0.390	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	518598	2592.99	135	69	18.5	17.7	0.768	0.923	0.328	0.394	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	518598	2592.99	1	136	18.5	17.7	0.627	0.754	0.242	0.291	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	518598	2592.99	135	69	18.5	17.7	0.682	0.820	0.260	0.313	
ANT 2	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	518598	2592.99	1	136	19.5	18.8	0.692	0.813	0.267	0.314	
ANT 2	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	518598	2592.99	135	69	19.5	18.6	0.771	0.949	0.295	0.363	76
ANT 2	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	518598	2592.99	1	136	19.5	18.8	0.362	0.425	0.155	0.182	
ANT 2	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	518598	2592.99	135	69	19.5	18.6	0.369	0.454	0.159	0.196	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Top	518598	2592.99	1	136	19.5	18.8	0.478	0.562	0.175	0.206	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Top	518598	2592.99	135	69	19.5	18.6	0.483	0.594	0.176	0.217	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	518598	2592.99	1	136	19.5	18.8	0.036	0.042	0.017	0.020	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	518598	2592.99	135	69	19.5	18.6	0.029	0.036	0.013	0.016	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	518598	2592.99	1	136	19.5	18.8	0.786	0.923	0.332	0.390	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	518598	2592.99	135	69	19.5	18.6	0.772	0.950	0.325	0.400	77
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	518598	2592.99	1	136	22.7	22.5	0.348	0.364	0.181	0.190	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	518598	2592.99	135	69	22.7	22.5	0.345	0.361	0.180	0.188	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	518598	2592.99	1	136	22.7	22.5	0.106	0.111	0.056	0.059	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	518598	2592.99	135	69	22.7	22.5	0.105	0.110	0.055	0.058	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	518598	2592.99	1	136	22.7	22.5	0.143	0.150	0.078	0.082	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	518598	2592.99	135	69	22.7	22.5	0.138	0.145	0.076	0.080	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	518598	2592.99	1	136	22.7	22.5	0.161	0.169	0.083	0.087	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	518598	2592.99	135	69	22.7	22.5	0.169	0.177	0.087	0.091	
ANT 3	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	518598	2592.99	1	136	18.9	18.2	0.641	0.753	0.280	0.329	
ANT 3	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	518598	2592.99	135	69	18.9	18.2	0.671	0.788	0.296	0.348	
ANT 3	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	518598	2592.99	1	136	18.9	18.2	0.324	0.381	0.148	0.174	
ANT 3	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	518598	2592.99	135	69	18.9	18.2	0.332	0.390	0.152	0.179	
ANT 3	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Bottom	518598	2592.99	1	136	18.9	18.2	0.080	0.094	0.037	0.043	
ANT 3	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Bottom	518598	2592.99	135	69	18.9	18.2	0.083	0.098	0.038	0.045	
ANT 3	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	518598	2592.99	1	136	18.9	18.2	0.765	0.899	0.320	0.376	
ANT 3	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	518598	2592.99	135	69	18.9	18.2	0.771	0.906	0.321	0.377	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	518598	2592.99	1	136	20.1	19.1	0.743	0.935	0.296	0.373	78
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	518598	2592.99	135	69	20.1	19.0	0.722	0.930	0.288	0.371	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	518598	2592.99	1	136	20.1	19.1	0.167	0.210	0.082	0.103	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	518598	2592.99	135	69	20.1	19.0	0.167	0.215	0.082	0.106	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	518598	2592.99	1	136	20.1	19.1	0.201	0.253	0.099	0.125	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	518598	2592.99	135	69	20.1	19.0	0.197	0.254	0.098	0.126	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	518598	2592.99	1	136	20.1	19.1	0.055	0.069	0.026	0.033	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	518598	2592.99	135	69	20.1	19.0	0.061	0.079	0.029	0.037	
ANT 4	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	518598	2592.99	1	136	18.8	18.4	0.673	0.738	0.274	0.300	
ANT 4	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	518598	2592.99	135	69	18.8	18.2	0.565	0.649	0.236	0.271	
ANT 4	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	518598	2592.99	1	136	18.8	18.4	0.196	0.215	0.085	0.093	
ANT 4	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	518598	2592.99	135	69	18.8	18.2	0.246	0.282	0.107	0.123	
ANT 4	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Top	518598	2592.99	1	136	18.8	18.4	0.039	0.043	0.019	0.021	
ANT 4	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Top	518598	2592.99	135	69	18.8	18.2	0.041	0.047	0.020	0.023	
ANT 4	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	518598	2592.99	1	136	18.8	18.4	0.738	0.809	0.300	0.329	
ANT 4	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	518598	2592.99	135	69	18.8	18.2	0.795	0.913	0.319	0.366	

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%	27.5	281.2	100.0%	24.5	281.8	0.241	0.240	-0.4%	No
ANT 1	Body & Hotspot	50.0%	23.8	119.9	100.0%	20.8	120.2	0.874	0.872	-0.2%	No
ANT 1	Hotspot	50.0%	23.8	119.9	100.0%	20.8	120.2	0.917	0.915	-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 2	Head	50.0%	21.5	70.6	100.0%	18.5	70.8	0.923	0.921	-0.3%	No
ANT 2	Body & Hotspot	50.0%	22.5	88.9	100.0%	19.5	89.1	0.949	0.946	-0.3%	No
ANT 2	Hotspot	50.0%	22.5	88.9	100.0%	19.5	89.1	0.950	0.947	-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%	25.7	185.8	100.0%	22.7	186.2	0.364	0.364	-0.1%	No
ANT 3	Body & Hotspot	50.0%	21.9	77.4	100.0%	18.9	77.6	0.788	0.787	-0.2%	No
ANT 3	Hotspot	50.0%	21.9	77.4	100.0%	18.9	77.6	0.906	0.904	-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 4	Head	50.0%	23.1	102.1	100.0%	20.1	102.3	0.935	0.933	-0.3%	No
ANT 4	Body & Hotspot	50.0%	21.8	75.7	100.0%	18.8	75.9	0.738	0.736	-0.3%	No
ANT 4	Hotspot	50.0%	21.8	75.7	100.0%	18.8	75.9	0.913	0.911	-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 $\pi/2$ BPSK	Mode A	0	Left Cheek	642888	3643.32	1	53	23.0	22.8	0.075	0.079	0.029	0.030	
ANT 7	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	642888	3643.32	50	28	23.0	22.3	0.071	0.083	0.027	0.032	
ANT 7	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	642888	3643.32	1	53	23.0	22.8	0.051	0.053	0.017	0.018	
ANT 7	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	642888	3643.32	50	28	23.0	22.3	0.054	0.063	0.017	0.020	
ANT 7	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	642888	3643.32	1	53	23.0	22.8	0.180	0.188	0.068	0.071	
ANT 7	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	642888	3643.32	50	28	23.0	22.3	0.187	0.220	0.070	0.082	
ANT 7	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	642888	3643.32	1	53	23.0	22.8	0.030	0.031	0.010	0.010	
ANT 7	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	642888	3643.32	50	28	23.0	22.3	0.026	0.031	0.009	0.011	
ANT 7	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	642888	3643.32	1	53	20.8	20.2	0.484	0.556	0.206	0.237	
ANT 7	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	642888	3643.32	50	28	20.8	20.0	0.475	0.571	0.201	0.242	
ANT 7	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	642888	3643.32	1	53	20.8	20.2	0.321	0.369	0.129	0.148	
ANT 7	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	642888	3643.32	50	28	20.8	20.0	0.356	0.428	0.143	0.172	
ANT 7	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	642888	3643.32	1	53	20.8	20.2	0.795	0.913	0.299	0.343	
ANT 7	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	642888	3643.32	50	28	20.8	20.0	0.771	0.927	0.291	0.350	79
ANT 7	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Bottom	642888	3643.32	1	53	20.8	20.2	0.348	0.400	0.128	0.147	
ANT 7	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Bottom	642888	3643.32	50	28	20.8	20.0	0.334	0.402	0.123	0.148	
ANT 8	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	642888	3643.32	1	53	18.4	18.3	0.166	0.170	0.068	0.070	
ANT 8	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	642888	3643.32	50	28	18.4	18.3	0.163	0.187	0.075	0.077	
ANT 8	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	642888	3643.32	1	53	18.4	18.3	0.142	0.145	0.059	0.060	
ANT 8	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	642888	3643.32	50	28	18.4	18.3	0.143	0.146	0.061	0.062	
ANT 8	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	642888	3643.32	1	53	18.4	18.3	0.850	0.870	0.299	0.306	
ANT 8	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	642888	3643.32	50	28	18.4	18.3	0.895	0.916	0.307	0.314	80
ANT 8	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	642888	3643.32	1	53	18.4	18.3	0.424	0.434	0.148	0.151	
ANT 8	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	642888	3643.32	50	28	18.4	18.3	0.396	0.405	0.139	0.142	
ANT 8	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	642888	3643.32	1	53	18.9	18.6	0.479	0.513	0.200	0.214	
ANT 8	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	642888	3643.32	50	28	18.9	18.6	0.467	0.500	0.194	0.208	
ANT 8	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	642888	3643.32	1	53	18.9	18.6	0.293	0.314	0.109	0.117	
ANT 8	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	642888	3643.32	50	28	18.9	18.6	0.321	0.344	0.118	0.126	
ANT 8	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Top	642888	3643.32	1	53	18.9	18.6	0.137	0.147	0.047	0.050	
ANT 8	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Top	642888	3643.32	50	28	18.9	18.6	0.142	0.152	0.050	0.054	
ANT 8	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	642888	3643.32	1	53	18.9	18.6	0.858	0.919	0.320	0.343	
ANT 8	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	642888	3643.32	50	28	18.9	18.6	0.848	0.909	0.317	0.340	
ANT 9	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	642888	3643.32	1	53	21.5	20.9	0.044	0.051	0.019	0.022	
ANT 9	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	642888	3643.32	50	28	21.5	20.8	0.042	0.049	0.018	0.021	
ANT 9	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	642888	3643.32	1	53	21.5	20.9	0.022	0.025	0.006	0.007	
ANT 9	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	642888	3643.32	50	28	21.5	20.8	0.016	0.019	0.004	0.005	
ANT 9	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	642888	3643.32	1	53	21.5	20.9	0.027	0.031	0.010	0.011	
ANT 9	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	642888	3643.32	50	28	21.5	20.8	0.027	0.032	0.010	0.012	
ANT 9	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	642888	3643.32	1	53	21.5	20.9	0.018	0.021	0.006	0.007	
ANT 9	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	642888	3643.32	50	28	21.5	20.8	0.012	0.014	0.003	0.004	
ANT 9	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	642888	3643.32	1	53	18.9	18.6	0.885	0.948	0.304	0.326	81
ANT 9	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	642888	3643.32	50	28	18.9	18.6	0.821	0.880	0.282	0.302	
ANT 9	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	642888	3643.32	1	53	18.9	18.6	0.455	0.488	0.159	0.170	
ANT 9	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	642888	3643.32	50	28	18.9	18.6	0.436	0.467	0.153	0.164	
ANT 9	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Bottom	642888	3643.32	1	53	18.9	18.6	0.629	0.674	0.219	0.235	
ANT 9	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Bottom	642888	3643.32	50	28	18.9	18.6	0.586	0.628	0.205	0.220	
ANT 9	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	642888	3643.32	1	53	18.9	18.6	0.436	0.467	0.163	0.175	
ANT 9	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	642888	3643.32	50	28	18.9	18.6	0.445	0.477	0.164	0.176	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	642888	3643.32	1	53	21.2	20.6	0.727	0.835	0.286	0.328	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	642888	3643.32	50	28	21.2	20.6	0.697	0.800	0.278	0.319	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	642888	3643.32	1	53	21.2	20.6	0.625	0.718	0.237	0.272	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	642888	3643.32	50	28	21.2	20.6	0.607	0.697	0.232	0.266	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	642888	3643.32	1	53	21.2	20.6	0.166	0.191	0.069	0.079	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	642888	3643.32	50	28	21.2	20.6	0.174	0.200	0.072	0.083	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	642888	3643.32	1	53	21.2	20.6	0.214	0.246	0.088	0.101	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	642888	3643.32	50	28	21.2	20.6	0.222	0.255	0.090	0.103	
ANT 4	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	642888	3643.32	1	53	19.6	18.9	0.778	0.914	0.289	0.340	
ANT 4	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	642888	3643.32	50	28	19.6	19.0	0.755	0.867	0.283	0.325	
ANT 4	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	642888	3643.32	1	53	19.6	18.9	0.169	0.199	0.071	0.083	
ANT 4	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	642888	3643.32	50	28	19.6	19.0	0.173	0.199	0.073	0.084	
ANT 4	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Top	642888	3643.32	1	53	19.6	18.9	0.174	0.204	0.069	0.081	
ANT 4	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Top	642888	3643.32	50	28	19.6	19.0	0.179	0.206	0.070	0.080	
ANT 4	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	642888	3643.32	1	53	19.6	18.9	0.597	0.701	0.238	0.280	
ANT 4	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	642888	3643.32	50	28	19.6	19.0	0.601	0.690	0.238	0.273	

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 $\pi/2$ BPSK	Mode A	0	Left Cheek	497840	2489.2	1	12	18.7	18.6	0.026	0.027	0.012	0.012	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	497840	2489.2	12	6	18.7	18.5	0.027	0.028	0.013	0.014	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	497840	2489.2	1	12	18.7	18.6	0.012	0.012	0.005	0.005	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	497840	2489.2	12	6	18.7	18.5	0.012	0.013	0.005	0.005	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	497840	2489.2	1	12	18.7	18.6	0.063	0.064	0.032	0.033	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	497840	2489.2	12	6	18.7	18.5	0.062	0.065	0.032	0.034	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	497840	2489.2	1	12	18.7	18.6	0.015	0.015	0.008	0.008	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	497840	2489.2	12	6	18.7	18.5	0.012	0.013	0.006	0.006	
ANT 1	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	497840	2489.2	1	12	18.7	18.6	0.373	0.382	0.184	0.188	
ANT 1	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	497840	2489.2	12	6	18.7	18.5	0.342	0.358	0.170	0.178	
ANT 1	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	497840	2489.2	1	12	18.7	18.6	0.209	0.214	0.103	0.105	
ANT 1	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	497840	2489.2	12	6	18.7	18.5	0.225	0.236	0.109	0.114	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	497840	2489.2	1	12	18.7	18.6	0.447	0.457	0.194	0.199	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	497840	2489.2	12	6	18.7	18.5	0.445	0.466	0.194	0.203	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Bottom	497840	2489.2	1	12	18.7	18.6	0.189	0.193	0.076	0.078	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Bottom	497840	2489.2	12	6	18.7	18.5	0.199	0.208	0.080	0.084	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	497840	2489.2	1	12	18.7	18.6	0.047	0.048	0.022	0.023	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	497840	2489.2	12	6	18.7	18.5	0.048	0.050	0.022	0.023	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	497840	2489.2	1	12	19.0	18.8	0.370	0.387	0.149	0.156	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	497840	2489.2	12	6	19.0	18.8	0.386	0.404	0.155	0.162	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	497840	2489.2	1	12	19.0	18.8	0.450	0.471	0.178	0.186	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	497840	2489.2	12	6	19.0	18.8	0.450	0.471	0.179	0.187	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	497840	2489.2	1	12	19.0	18.8	0.802	0.840	0.361	0.378	82
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	497840	2489.2	12	6	19.0	18.8	0.790	0.827	0.360	0.377	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	497840	2489.2	1	12	19.0	18.8	0.512	0.536	0.214	0.224	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	497840	2489.2	12	6	19.0	18.8	0.510	0.534	0.214	0.224	
ANT 2	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	497840	2489.2	1	12	19.6	18.4	0.694	0.915	0.281	0.370	83
ANT 2	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	497840	2489.2	12	6	19.6	18.5	0.652	0.840	0.265	0.341	
ANT 2	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	497840	2489.2	1	12	19.6	18.4	0.346	0.456	0.151	0.199	
ANT 2	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	497840	2489.2	12	6	19.6	18.5	0.348	0.448	0.152	0.196	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Top	497840	2489.2	1	12	19.6	18.4	0.267	0.352	0.103	0.136	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Top	497840	2489.2	12	6	19.6	18.5	0.261	0.336	0.101	0.130	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	497840	2489.2	1	12	19.6	18.4	0.029	0.038	0.014	0.018	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	497840	2489.2	12	6	19.6	18.5	0.026	0.033	0.012	0.015	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	497840	2489.2	1	12	19.6	18.4	0.552	0.728	0.256	0.337	84
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	497840	2489.2	12	6	19.6	18.5	0.536	0.691	0.249	0.321	

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 $\pi/2$ BPSK	Mode A	0	Left Cheek	349000	1745	1	108	25.3	25.3	0.122	0.122	0.083	0.083	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	349000	1745	108	54	25.3	25.3	0.099	0.099	0.067	0.067	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	349000	1745	1	108	25.3	25.3	0.098	0.098	0.063	0.063	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	349000	1745	108	54	25.3	25.3	0.091	0.091	0.058	0.058	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	349000	1745	1	108	25.3	25.3	0.231	0.231	0.149	0.149	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	349000	1745	108	54	25.3	25.3	0.253	0.253	0.163	0.163	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	349000	1745	1	108	25.3	25.3	0.071	0.071	0.047	0.047	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	349000	1745	108	54	25.3	25.3	0.071	0.071	0.047	0.047	
ANT 1	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	349000	1745	1	108	19.4	18.6	0.417	0.501	0.215	0.258	
ANT 1	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	349000	1745	108	54	19.4	18.7	0.490	0.576	0.247	0.290	
ANT 1	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	349000	1745	1	108	19.4	18.6	0.325	0.391	0.162	0.195	
ANT 1	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	349000	1745	108	54	19.4	18.7	0.312	0.367	0.156	0.183	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	349000	1745	1	108	19.4	18.6	0.150	0.180	0.074	0.089	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	349000	1745	108	54	19.4	18.7	0.147	0.173	0.072	0.085	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Bottom	349000	1745	1	108	19.4	18.6	0.786	0.945	0.386	0.464	85
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Bottom	349000	1745	108	54	19.4	18.7	0.778	0.914	0.380	0.446	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	349000	1745	1	108	19.4	18.6	0.025	0.030	0.014	0.017	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	349000	1745	108	54	19.4	18.7	0.026	0.031	0.015	0.018	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	349000	1745	1	108	20.0	18.9	0.340	0.438	0.169	0.218	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	349000	1745	108	54	20.0	18.9	0.337	0.434	0.165	0.213	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	349000	1745	1	108	20.0	18.9	0.460	0.593	0.228	0.294	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	349000	1745	108	54	20.0	18.9	0.424	0.546	0.208	0.268	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	349000	1745	1	108	20.0	18.9	0.590	0.760	0.301	0.388	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	349000	1745	108	54	20.0	18.9	0.592	0.763	0.298	0.384	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	349000	1745	1	108	20.0	18.9	0.697	0.898	0.334	0.430	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	349000	1745	108	54	20.0	18.9	0.720	0.928	0.344	0.443	
ANT 2	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	349000	1745	1	108	19.7	18.7	0.399	0.502	0.201	0.253	
ANT 2	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	349000	1745	108	54	19.7	18.6	0.459	0.591	0.231	0.298	
ANT 2	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	349000	1745	1	108	19.7	18.7	0.330	0.415	0.159	0.200	
ANT 2	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	349000	1745	108	54	19.7	18.6	0.335	0.432	0.165	0.213	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Top	349000	1745	1	108	19.7	18.7	0.709	0.893	0.320	0.403	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Top	349000	1745	108	54	19.7	18.6	0.724	0.933	0.325	0.419	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	349000	1745	1	108	19.7	18.7	0.012	0.015	0.006	0.008	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	349000	1745	108	54	19.7	18.6	0.018	0.023	0.009	0.012	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	349000	1745	1	108	19.7	18.7	0.117	0.147	0.060	0.076	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	349000	1745	108	54	19.7	18.6	0.118	0.152	0.064	0.082	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	349000	1745	1	108	22.8	22.8	0.216	0.216	0.136	0.136	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	349000	1745	108	54	22.8	22.8	0.215	0.215	0.136	0.136	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	349000	1745	1	108	22.8	22.8	0.105	0.105	0.069	0.069	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	349000	1745	108	54	22.8	22.8	0.098	0.098	0.065	0.065	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	349000	1745	1	108	22.8	22.8	0.092	0.092	0.061	0.061	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	349000	1745	108	54	22.8	22.8	0.093	0.093	0.061	0.061	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	349000	1745	1	108	22.8	22.8	0.085	0.085	0.053	0.053	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	349000	1745	108	54	22.8	22.8	0.088	0.088	0.055	0.055	
ANT 3	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	349000	1745	1	108	22.5	22.2	0.849	0.903	0.444	0.472	86
ANT 3	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	349000	1745	108	54	22.5	22.3	0.849	0.893	0.444	0.467	
ANT 3	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	349000	1745	1	108	22.5	22.2	0.385	0.410	0.224	0.238	
ANT 3	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	349000	1745	108	54	22.5	22.3	0.429	0.451	0.249	0.262	
ANT 3	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Bottom	349000	1745	1	108	22.5	22.2	0.301	0.320	0.163	0.173	
ANT 3	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Bottom	349000	1745	108	54	22.5	22.3	0.402	0.423	0.221	0.232	
ANT 3	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	349000	1745	1	108	22.5	22.2	0.627	0.667	0.320	0.341	
ANT 3	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	349000	1745	108	54	22.5	22.3	0.576	0.606	0.292	0.307	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	349000	1745	1	108	21.0	20.0	0.739	0.930	0.412	0.519	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	349000	1745	108	54	21.0	19.9	0.724	0.933	0.405	0.522	87
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	349000	1745	1	108	21.0	20.0	0.403	0.507	0.218	0.274	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	349000	1745	108	54	21.0	19.9	0.413	0.532	0.220	0.283	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	349000	1745	1	108	21.0	20.0	0.226	0.285	0.137	0.172	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	349000	1745	108	54	21.0	19.9	0.220	0.283	0.134	0.173	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	349000	1745	1	108	21.0	20.0	0.208	0.262	0.123	0.155	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	349000	1745	108	54	21.0	19.9	0.205	0.264	0.123	0.158	
ANT 4	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	349000	1745	1	108	22.4	21.4	0.677	0.852	0.355	0.447	
ANT 4	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	349000	1745	108	54	22.4	21.4	0.683	0.860	0.361	0.454	
ANT 4	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	349000	1745	1	108	22.4	21.4	0.360	0.453	0.210	0.264	
ANT 4	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	349000	1745	108	54	22.4	21.4	0.413	0.520	0.235	0.296	
ANT 4	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Top	349000	1745	1	108	22.4	21.4	0.409	0.515	0.191	0.240	
ANT 4	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Top	349000	1745	108	54	22.4	21.4	0.407	0.512	0.190	0.239	
ANT 4	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	349000	1745	1	108	22.4	21.4	0.735	0.925	0.358	0.451	
ANT 4	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	349000	1745	108	54	22.4	21.4	0.701	0.883	0.344	0.433	

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 $\pi/2$ BPSK	Mode A	0	Left Cheek	340500	1702.5	1	39	25.3	25.3	0.120	0.120	0.078	0.078	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	340500	1702.5	36	22	25.3	25.3	0.110	0.110	0.073	0.073	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	340500	1702.5	1	39	25.3	25.3	0.119	0.119	0.077	0.077	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	340500	1702.5	36	22	25.3	25.3	0.109	0.109	0.071	0.071	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	340500	1702.5	1	39	25.3	25.3	0.182	0.182	0.120	0.120	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	340500	1702.5	36	22	25.3	25.3	0.180	0.180	0.118	0.118	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	340500	1702.5	1	39	25.3	25.3	0.093	0.093	0.062	0.062	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	340500	1702.5	36	22	25.3	25.3	0.051	0.051	0.034	0.034	
ANT 1	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	340500	1702.5	1	39	19.9	18.8	0.486	0.626	0.238	0.307	
ANT 1	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	340500	1702.5	36	22	19.9	18.6	0.517	0.697	0.250	0.337	
ANT 1	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	340500	1702.5	1	39	19.9	18.8	0.285	0.367	0.141	0.182	
ANT 1	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	340500	1702.5	36	22	19.9	18.6	0.299	0.403	0.148	0.200	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	340500	1702.5	1	39	19.9	18.8	0.086	0.111	0.042	0.054	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	340500	1702.5	36	22	19.9	18.6	0.080	0.108	0.039	0.053	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Bottom	340500	1702.5	1	39	19.9	18.8	0.690	0.889	0.334	0.430	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Bottom	340500	1702.5	36	22	19.9	18.6	0.699	0.943	0.338	0.456	88
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	340500	1702.5	1	39	19.9	18.8	0.012	0.015	0.007	0.009	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	340500	1702.5	36	22	19.9	18.6	0.012	0.016	0.006	0.008	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	340500	1702.5	1	39	21.0	20.9	0.687	0.703	0.335	0.343	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	340500	1702.5	36	22	21.0	20.8	0.626	0.656	0.304	0.318	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	340500	1702.5	1	39	21.0	20.9	0.843	0.863	0.409	0.419	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	340500	1702.5	36	22	21.0	20.8	0.865	0.906	0.410	0.429	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	340500	1702.5	1	39	21.0	20.9	0.879	0.899	0.423	0.433	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	340500	1702.5	36	22	21.0	20.8	0.865	0.906	0.415	0.435	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	340500	1702.5	1	39	21.0	20.9	0.908	0.929	0.423	0.433	89
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	340500	1702.5	36	22	21.0	20.8	0.871	0.912	0.407	0.426	
ANT 2	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	340500	1702.5	1	39	20.6	19.8	0.638	0.767	0.264	0.317	
ANT 2	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	340500	1702.5	36	22	20.6	19.9	0.661	0.777	0.325	0.382	
ANT 2	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	340500	1702.5	1	39	20.6	19.8	0.448	0.539	0.210	0.252	
ANT 2	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	340500	1702.5	36	22	20.6	19.9	0.448	0.526	0.209	0.246	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Top	340500	1702.5	1	39	20.6	19.8	0.750	0.902	0.344	0.414	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Top	340500	1702.5	36	22	20.6	19.9	0.791	0.929	0.357	0.419	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	340500	1702.5	1	39	20.6	19.8	0.024	0.029	0.013	0.016	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	340500	1702.5	36	22	20.6	19.9	0.024	0.028	0.013	0.015	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	340500	1702.5	1	39	20.6	19.8	0.121	0.145	0.064	0.077	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	340500	1702.5	36	22	20.6	19.9	0.121	0.142	0.063	0.074	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	340500	1702.5	1	39	22.8	22.8	0.162	0.162	0.103	0.103	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	340500	1702.5	36	22	22.8	22.8	0.158	0.158	0.101	0.101	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	340500	1702.5	1	39	22.8	22.8	0.077	0.077	0.051	0.051	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	340500	1702.5	36	22	22.8	22.8	0.073	0.073	0.048	0.048	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	340500	1702.5	1	39	22.8	22.8	0.068	0.068	0.045	0.045	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	340500	1702.5	36	22	22.8	22.8	0.069	0.069	0.045	0.045	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	340500	1702.5	1	39	22.8	22.8	0.067	0.067	0.043	0.043	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	340500	1702.5	36	22	22.8	22.8	0.065	0.065	0.042	0.042	
ANT 3	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	340500	1702.5	1	39	23.5	22.2	0.697	0.936	0.370	0.497	90
ANT 3	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	340500	1702.5	36	22	23.5	22.0	0.621	0.879	0.333	0.471	
ANT 3	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	340500	1702.5	1	39	23.5	22.2	0.304	0.408	0.179	0.240	
ANT 3	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	340500	1702.5	36	22	23.5	22.0	0.374	0.530	0.194	0.275	
ANT 3	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Bottom	340500	1702.5	1	39	23.5	22.2	0.288	0.387	0.160	0.215	
ANT 3	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Bottom	340500	1702.5	36	22	23.5	22.0	0.288	0.408	0.160	0.227	
ANT 3	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	340500	1702.5	1	39	23.5	22.2	0.498	0.669	0.269	0.361	
ANT 3	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	340500	1702.5	36	22	23.5	22.0	0.479	0.678	0.259	0.367	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	340500	1702.5	1	39	22.5	21.3	0.697	0.919	0.406	0.535	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	340500	1702.5	36	22	22.5	21.2	0.656	0.885	0.384	0.518	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	340500	1702.5	1	39	22.5	21.3	0.432	0.569	0.249	0.328	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	340500	1702.5	36	22	22.5	21.2	0.422	0.569	0.243	0.328	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	340500	1702.5	1	39	22.5	21.3	0.267	0.352	0.167	0.220	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	340500	1702.5	36	22	22.5	21.2	0.252	0.340	0.157	0.212	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	340500	1702.5	1	39	22.5	21.3	0.208	0.274	0.124	0.163	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	340500	1702.5	36	22	22.5	21.2	0.208	0.281	0.124	0.167	
ANT 4	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	340500	1702.5	1	39	23.1	22.4	0.727	0.850	0.398	0.465	
ANT 4	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	340500	1702.5	36	22	23.1	22.4	0.702	0.825	0.382	0.449	
ANT 4	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	340500	1702.5	1	39	23.1	22.4	0.390	0.456	0.234	0.274	
ANT 4	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	340500	1702.5	36	22	23.1	22.4	0.385	0.452	0.237	0.278	
ANT 4	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Top	340500	1702.5	1	39	23.1	22.4	0.148	0.173	0.061	0.071	
ANT 4	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Top	340500	1702.5	36	22	23.1	22.4	0.141	0.166	0.057	0.067	
ANT 4	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	340500	1702.5	1	39	23.1	22.4	0.697	0.815	0.369	0.432	
ANT 4	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	340500	1702.5	36	22	23.1	22.4	0.783	0.920	0.410	0.482	

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 $\pi/2$ BPSK	Mode A	0	Left Cheek	136100	680.5	1	53	25.7	25.7	0.115	0.115	0.091	0.091	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	136100	680.5	50	28	25.7	25.5	0.113	0.118	0.089	0.093	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	136100	680.5	1	53	25.7	25.7	0.062	0.062	0.050	0.050	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	136100	680.5	50	28	25.7	25.5	0.069	0.072	0.056	0.059	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	136100	680.5	1	53	25.7	25.7	0.131	0.131	0.104	0.104	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	136100	680.5	50	28	25.7	25.5	0.134	0.140	0.106	0.111	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	136100	680.5	1	53	25.7	25.7	0.076	0.076	0.062	0.062	
ANT 1	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	136100	680.5	50	28	25.7	25.5	0.076	0.080	0.062	0.065	
ANT 1	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	136100	680.5	1	53	25.7	25.7	0.547	0.547	0.351	0.351	
ANT 1	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	136100	680.5	50	28	25.7	25.5	0.467	0.489	0.292	0.306	
ANT 1	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	136100	680.5	1	53	25.7	25.7	0.229	0.229	0.172	0.172	
ANT 1	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	136100	680.5	50	28	25.7	25.5	0.234	0.245	0.166	0.174	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	136100	680.5	1	53	25.7	25.7	0.526	0.526	0.353	0.353	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	136100	680.5	50	28	25.7	25.5	0.517	0.541	0.348	0.364	91
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Bottom	136100	680.5	1	53	25.7	25.7	0.193	0.193	0.090	0.090	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Bottom	136100	680.5	50	28	25.7	25.5	0.182	0.191	0.086	0.090	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	136100	680.5	1	53	25.7	25.7	0.246	0.246	0.164	0.164	
ANT 1	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	136100	680.5	50	28	25.7	25.5	0.247	0.259	0.166	0.174	
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 $\pi/2$ BPSK	Mode A	0	Left Cheek	136100	680.5	1	53	24.7	24.5	0.663	0.694	0.368	0.385	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	136100	680.5	50	28	24.7	24.3	0.649	0.712	0.360	0.395	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	136100	680.5	1	53	24.7	24.5	0.646	0.676	0.313	0.328	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	136100	680.5	50	28	24.7	24.3	0.635	0.696	0.308	0.338	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	136100	680.5	1	53	24.7	24.5	0.697	0.730	0.409	0.428	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	136100	680.5	50	28	24.7	24.3	0.685	0.751	0.408	0.447	92
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	136100	680.5	1	53	24.7	24.5	0.545	0.571	0.288	0.302	
ANT 2	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	136100	680.5	50	28	24.7	24.3	0.538	0.590	0.285	0.312	
ANT 2	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	136100	680.5	1	53	24.7	24.5	0.551	0.577	0.307	0.321	
ANT 2	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	136100	680.5	50	28	24.7	24.3	0.548	0.601	0.306	0.336	93
ANT 2	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	136100	680.5	1	53	24.7	24.5	0.238	0.249	0.140	0.147	
ANT 2	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	136100	680.5	50	28	24.7	24.3	0.224	0.246	0.135	0.148	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Top	136100	680.5	1	53	24.7	24.5	0.216	0.226	0.104	0.109	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Top	136100	680.5	50	28	24.7	24.3	0.217	0.238	0.105	0.115	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	136100	680.5	1	53	24.7	24.5	0.164	0.172	0.109	0.114	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	136100	680.5	50	28	24.7	24.3	0.166	0.182	0.111	0.122	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	136100	680.5	1	53	24.7	24.5	0.302	0.316	0.199	0.208	
ANT 2	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	136100	680.5	50	28	24.7	24.3	0.301	0.330	0.199	0.218	
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 $\pi/2$ BPSK	Mode A	0	Left Cheek	136100	680.5	1	53	25.4	25.1	0.066	0.071	0.050	0.054	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	136100	680.5	50	28	25.4	25.1	0.060	0.064	0.047	0.050	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	136100	680.5	1	53	25.4	25.1	0.031	0.033	0.022	0.024	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	136100	680.5	50	28	25.4	25.1	0.029	0.031	0.023	0.025	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	136100	680.5	1	53	25.4	25.1	0.052	0.056	0.041	0.044	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	136100	680.5	50	28	25.4	25.1	0.039	0.042	0.031	0.033	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	136100	680.5	1	53	25.4	25.1	0.026	0.028	0.021	0.023	
ANT 3	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	136100	680.5	50	28	25.4	25.1	0.027	0.029	0.021	0.023	
ANT 3	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	136100	680.5	1	53	25.4	25.1	0.452	0.484	0.229	0.245	
ANT 3	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	136100	680.5	50	28	25.4	25.1	0.452	0.484	0.225	0.241	
ANT 3	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	136100	680.5	1	53	25.4	25.1	0.195	0.209	0.113	0.121	
ANT 3	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	136100	680.5	50	28	25.4	25.1	0.216	0.231	0.117	0.125	
ANT 3	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Bottom	136100	680.5	1	53	25.4	25.1	0.236	0.253	0.093	0.100	
ANT 3	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Bottom	136100	680.5	50	28	25.4	25.1	0.255	0.273	0.099	0.106	
ANT 3	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	136100	680.5	1	53	25.4	25.1	0.341	0.365	0.173	0.185	
ANT 3	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	136100	680.5	50	28	25.4	25.1	0.386	0.414	0.178	0.191	

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 $\pi/2$ BPSK	Mode A	0	Left Cheek	633332	3499.98	1	136	22.8	22.3	0.065	0.073	0.032	0.036	
ANT 7	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	633332	3499.98	135	69	22.8	22.3	0.067	0.075	0.032	0.036	
ANT 7	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	633332	3499.98	1	136	22.8	22.3	0.032	0.036	0.011	0.012	
ANT 7	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	633332	3499.98	135	69	22.8	22.3	0.034	0.038	0.011	0.012	
ANT 7	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	633332	3499.98	1	136	22.8	22.3	0.164	0.184	0.069	0.077	
ANT 7	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	633332	3499.98	135	69	22.8	22.3	0.127	0.142	0.053	0.059	
ANT 7	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	633332	3499.98	1	136	22.8	22.3	0.019	0.021	0.004	0.004	
ANT 7	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	633332	3499.98	135	69	22.8	22.3	0.022	0.025	0.009	0.010	
ANT 7	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	633332	3499.98	1	136	20.8	19.9	0.453	0.557	0.184	0.226	
ANT 7	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	633332	3499.98	135	69	20.8	19.9	0.474	0.583	0.192	0.236	
ANT 7	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	633332	3499.98	1	136	20.8	19.9	0.231	0.284	0.093	0.114	
ANT 7	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	633332	3499.98	135	69	20.8	19.9	0.236	0.290	0.094	0.116	
ANT 7	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	633332	3499.98	1	136	20.8	19.9	0.708	0.871	0.267	0.328	94
ANT 7	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	633332	3499.98	135	69	20.8	19.9	0.689	0.848	0.261	0.321	
ANT 7	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Bottom	633332	3499.98	1	136	20.8	19.9	0.169	0.208	0.059	0.073	
ANT 7	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Bottom	633332	3499.98	135	69	20.8	19.9	0.198	0.244	0.069	0.085	
ANT 8	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	633332	3499.98	1	136	18.7	17.9	0.177	0.213	0.071	0.085	
ANT 8	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	633332	3499.98	135	69	18.7	17.9	0.167	0.201	0.071	0.085	
ANT 8	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	633332	3499.98	1	136	18.7	17.9	0.123	0.148	0.052	0.063	
ANT 8	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	633332	3499.98	135	69	18.7	17.9	0.106	0.127	0.036	0.043	
ANT 8	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	633332	3499.98	1	136	18.7	17.9	0.753	0.905	0.262	0.315	
ANT 8	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	633332	3499.98	135	69	18.7	17.9	0.737	0.886	0.257	0.309	
ANT 8	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	633332	3499.98	1	136	18.7	17.9	0.330	0.397	0.117	0.141	
ANT 8	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	633332	3499.98	135	69	18.7	17.9	0.316	0.380	0.113	0.136	
ANT 8	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	633332	3499.98	1	136	18.1	17.7	0.459	0.503	0.181	0.198	
ANT 8	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	633332	3499.98	135	69	18.1	17.8	0.465	0.498	0.183	0.196	
ANT 8	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	633332	3499.98	1	136	18.1	17.7	0.414	0.454	0.152	0.167	
ANT 8	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	633332	3499.98	135	69	18.1	17.8	0.403	0.432	0.148	0.159	
ANT 8	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Top	633332	3499.98	1	136	18.1	17.7	0.176	0.193	0.064	0.070	
ANT 8	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Top	633332	3499.98	135	69	18.1	17.8	0.182	0.195	0.065	0.070	
ANT 8	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	633332	3499.98	1	136	18.1	17.7	0.793	0.870	0.290	0.318	
ANT 8	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	633332	3499.98	135	69	18.1	17.8	0.796	0.853	0.292	0.313	
ANT 9	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	633332	3499.98	1	136	18.5	18.2	0.052	0.056	0.020	0.021	
ANT 9	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	633332	3499.98	135	69	18.5	18.1	0.051	0.056	0.020	0.022	
ANT 9	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	633332	3499.98	1	136	18.5	18.2	0.021	0.023	0.004	0.004	
ANT 9	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	633332	3499.98	135	69	18.5	18.1	0.020	0.022	0.004	0.004	
ANT 9	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	633332	3499.98	1	136	18.5	18.2	0.018	0.019	0.004	0.004	
ANT 9	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	633332	3499.98	135	69	18.5	18.1	0.016	0.018	0.004	0.004	
ANT 9	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	633332	3499.98	1	136	18.5	18.2	0.018	0.019	0.004	0.004	
ANT 9	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	633332	3499.98	135	69	18.5	18.1	0.019	0.021	0.004	0.004	
ANT 9	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	633332	3499.98	1	136	17.4	17.2	0.898	0.940	0.300	0.314	95
ANT 9	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	633332	3499.98	135	69	17.4	16.9	0.837	0.939	0.281	0.315	
ANT 9	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	633332	3499.98	1	136	17.4	17.2	0.608	0.637	0.209	0.219	
ANT 9	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	633332	3499.98	135	69	17.4	16.9	0.650	0.729	0.222	0.249	
ANT 9	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Bottom	633332	3499.98	1	136	17.4	17.2	0.604	0.632	0.208	0.218	
ANT 9	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Bottom	633332	3499.98	135	69	17.4	16.9	0.619	0.695	0.212	0.238	
ANT 9	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	633332	3499.98	1	136	17.4	17.2	0.433	0.453	0.159	0.166	
ANT 9	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	633332	3499.98	135	69	17.4	16.9	0.435	0.488	0.160	0.180	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	633332	3499.98	1	136	21.0	20.7	0.869	0.931	0.334	0.358	96
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	633332	3499.98	135	69	21.0	20.7	0.828	0.887	0.319	0.342	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	633332	3499.98	1	136	21.0	20.7	0.632	0.677	0.244	0.261	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	633332	3499.98	135	69	21.0	20.7	0.611	0.655	0.236	0.253	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	633332	3499.98	1	136	21.0	20.7	0.275	0.295	0.112	0.120	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	633332	3499.98	135	69	21.0	20.7	0.286	0.306	0.117	0.125	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	633332	3499.98	1	136	21.0	20.7	0.264	0.283	0.106	0.114	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	633332	3499.98	135	69	21.0	20.7	0.307	0.329	0.112	0.120	
ANT 4	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	633332	3499.98	1	136	19.9	19.2	0.783	0.920	0.303	0.356	
ANT 4	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	633332	3499.98	135	69	19.9	19.2	0.766	0.900	0.295	0.347	
ANT 4	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	633332	3499.98	1	136	19.9	19.2	0.285	0.335	0.119	0.140	
ANT 4	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	633332	3499.98	135	69	19.9	19.2	0.323	0.379	0.133	0.156	
ANT 4	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Top	633332	3499.98	1	136	19.9	19.2	0.141	0.166	0.063	0.074	
ANT 4	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Top	633332	3499.98	135	69	19.9	19.2	0.135	0.159	0.059	0.069	
ANT 4	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	633332	3499.98	1	136	19.9	19.2	0.714	0.839	0.292	0.343	
ANT 4	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	633332	3499.98	135	69	19.9	19.2	0.717	0.842	0.293	0.344	

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 $\pi/2$ BPSK	Mode A	0	Left Cheek	657200	3858	1	136	22.8	22.1	0.034	0.040	0.010	0.012	
ANT 7	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	657200	3858	135	69	22.8	22.1	0.032	0.038	0.009	0.011	
ANT 7	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	657200	3858	1	136	22.8	22.1	0.015	0.018	0.000	0.000	
ANT 7	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	657200	3858	135	69	22.8	22.1	0.017	0.020	0.002	0.002	
ANT 7	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	657200	3858	1	136	22.8	22.1	0.072	0.085	0.017	0.020	
ANT 7	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	657200	3858	135	69	22.8	22.1	0.068	0.080	0.016	0.019	
ANT 7	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	657200	3858	1	136	22.8	22.1	0.003	0.004	0.000	0.000	
ANT 7	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	657200	3858	135	69	22.8	22.1	0.004	0.005	0.000	0.000	
ANT 7	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	657200	3858	1	136	20.8	19.9	0.724	0.891	0.298	0.367	
ANT 7	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	657200	3858	135	69	20.8	19.9	0.746	0.918	0.313	0.385	97
ANT 7	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	657200	3858	1	136	20.8	19.9	0.312	0.384	0.123	0.151	
ANT 7	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	657200	3858	135	69	20.8	19.9	0.273	0.336	0.107	0.132	
ANT 7	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	657200	3858	1	136	20.8	19.9	0.613	0.754	0.238	0.293	
ANT 7	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	657200	3858	135	69	20.8	19.9	0.636	0.782	0.239	0.294	
ANT 7	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Bottom	657200	3858	1	136	20.8	19.9	0.137	0.169	0.051	0.063	
ANT 7	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Bottom	657200	3858	135	69	20.8	19.9	0.165	0.203	0.060	0.074	
ANT 8	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	657200	3858	1	136	18.7	18.4	0.171	0.183	0.056	0.060	
ANT 8	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	657200	3858	135	69	18.7	18.4	0.170	0.182	0.055	0.059	
ANT 8	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	657200	3858	1	136	18.7	18.4	0.133	0.143	0.041	0.044	
ANT 8	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	657200	3858	135	69	18.7	18.4	0.127	0.136	0.040	0.043	
ANT 8	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	657200	3858	1	136	18.7	18.4	0.475	0.509	0.174	0.186	
ANT 8	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	657200	3858	135	69	18.7	18.4	0.475	0.509	0.173	0.185	
ANT 8	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	657200	3858	1	136	18.7	18.4	0.281	0.301	0.091	0.098	
ANT 8	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	657200	3858	135	69	18.7	18.4	0.291	0.312	0.095	0.102	
ANT 8	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	657200	3858	1	136	18.1	17.9	0.385	0.403	0.162	0.170	
ANT 8	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	657200	3858	135	69	18.1	18.0	0.381	0.390	0.159	0.163	
ANT 8	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	657200	3858	1	136	18.1	17.9	0.255	0.267	0.090	0.094	
ANT 8	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	657200	3858	135	69	18.1	18.0	0.242	0.248	0.084	0.086	
ANT 8	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Top	657200	3858	1	136	18.1	17.9	0.031	0.032	0.005	0.005	
ANT 8	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Top	657200	3858	135	69	18.1	18.0	0.036	0.037	0.006	0.006	
ANT 8	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	657200	3858	1	136	18.1	17.9	0.537	0.562	0.185	0.194	
ANT 8	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	657200	3858	135	69	18.1	18.0	0.573	0.586	0.197	0.202	
ANT 9	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	657200	3858	1	136	18.5	18.4	0.010	0.010	0.002	0.002	
ANT 9	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	657200	3858	135	69	18.5	18.2	0.010	0.011	0.001	0.001	
ANT 9	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	657200	3858	1	136	18.5	18.4	0.000	0.000	0.000	0.000	
ANT 9	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	657200	3858	135	69	18.5	18.2	0.004	0.004	0.000	0.000	
ANT 9	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	657200	3858	1	136	18.5	18.4	0.007	0.007	0.000	0.000	
ANT 9	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	657200	3858	135	69	18.5	18.2	0.016	0.017	0.000	0.000	
ANT 9	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	657200	3858	1	136	18.5	18.4	0.004	0.004	0.000	0.000	
ANT 9	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	657200	3858	135	69	18.5	18.2	0.014	0.015	0.000	0.000	
ANT 9	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	657200	3858	1	136	17.4	17.1	0.398	0.426	0.143	0.153	
ANT 9	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	657200	3858	135	69	17.4	16.9	0.434	0.487	0.153	0.172	
ANT 9	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	657200	3858	1	136	17.4	17.1	0.254	0.272	0.085	0.091	
ANT 9	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	657200	3858	135	69	17.4	16.9	0.267	0.300	0.091	0.102	
ANT 9	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Bottom	657200	3858	1	136	17.4	17.1	0.414	0.444	0.140	0.150	
ANT 9	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Bottom	657200	3858	135	69	17.4	16.9	0.410	0.460	0.139	0.156	
ANT 9	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	657200	3858	1	136	17.4	17.1	0.141	0.151	0.053	0.057	
ANT 9	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Left	657200	3858	135	69	17.4	16.9	0.148	0.166	0.056	0.063	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	657200	3858	1	136	21.0	20.6	0.710	0.778	0.261	0.286	98
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Cheek	657200	3858	135	69	21.0	20.4	0.663	0.761	0.243	0.279	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	657200	3858	1	136	21.0	20.6	0.457	0.501	0.167	0.183	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Left Tilt	657200	3858	135	69	21.0	20.4	0.362	0.416	0.135	0.155	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	657200	3858	1	136	21.0	20.6	0.165	0.181	0.067	0.073	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Cheek	657200	3858	135	69	21.0	20.4	0.173	0.199	0.070	0.080	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	657200	3858	1	136	21.0	20.6	0.142	0.156	0.058	0.064	
ANT 4	Head	DFT-s-OFDM $\pi/2$ BPSK	Mode A	0	Right Tilt	657200	3858	135	69	21.0	20.4	0.165	0.189	0.060	0.0758	
ANT 4	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	657200	3858	1	136	19.9	19.5	0.801	0.878	0.273	0.299	
ANT 4	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Back	657200	3858	135	69	19.9	19.5	0.805	0.883	0.273	0.299	
ANT 4	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	657200	3858	1	136	19.9	19.5	0.213	0.234	0.087	0.095	
ANT 4	Body & Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Front	657200	3858	135	69	19.9	19.5	0.222	0.243	0.090	0.099	
ANT 4	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Top	657200	3858	1	136	19.9	19.5	0.152	0.167	0.065	0.071	
ANT 4	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Top	657200	3858	135	69	19.9	19.5	0.167	0.183	0.073	0.080	
ANT 4	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	657200	3858	1	136	19.9	19.5	0.696	0.763	0.274	0.300	
ANT 4	Hotspot	DFT-s-OFDM $\pi/2$ BPSK	Mode B	5	Edge Right	657200	3858	135	69	19.9	19.5	0.714	0.783	0.279	0.306	99

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%	25.8	190.1	100.0%	22.8	190.6	0.184	0.184	0.0%	No
ANT 7	Body & Hotspot	50.0%	23.8	119.9	100.0%	20.8	120.2	0.918	0.916	-0.2%	No
ANT 7	Hotspot	50.0%	23.8	119.9	100.0%	20.8	120.2	0.871	0.869	-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%	21.7	74.0	100.0%	18.7	74.1	0.905	0.903	-0.3%	No
ANT 8	Body & Hotspot	50.0%	21.1	64.4	100.0%	18.1	64.6	0.503	0.502	-0.3%	No
ANT 8	Hotspot	50.0%	21.1	64.4	100.0%	18.1	64.6	0.870	0.867	-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 9	Head	50.0%	21.5	70.6	100.0%	18.5	70.8	0.056	0.056	0.1%	No
ANT 9	Body & Hotspot	50.0%	20.4	54.8	100.0%	17.4	55.0	0.940	0.938	-0.2%	No
ANT 9	Hotspot	50.0%	20.4	54.8	100.0%	17.4	55.0	0.695	0.693	-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 4	Head	50.0%	24	125.6	100.0%	21	125.9	0.931	0.929	-0.2%	No
ANT 4	Body & Hotspot	50.0%	22.9	97.5	100.0%	19.9	97.7	0.920	0.918	-0.2%	No
ANT 4	Hotspot	50.0%	22.9	97.5	100.0%	19.9	97.7	0.842	0.840	-0.3%	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	2	2417	99.84%	0.145	21.50	20.60	0.153	0.189	0.083	0.102	
ANT 3	Head	802.11b	Power State 1 Mode A	0	Left Tilt	2	2417	99.84%	0.063	21.50	20.60					
ANT 3	Head	802.11b	Power State 1 Mode A	0	Right Cheek	2	2417	99.84%	0.078	21.50	20.60					
ANT 3	Head	802.11b	Power State 1 Mode A	0	Right Tilt	2	2417	99.84%	0.066	21.50	20.60					
ANT 3	Body & Hotspot	802.11b	Power State 1 Mode B	5	Back	2	2417	99.84%	0.814	21.50	20.60	0.827	1.019	0.368	0.453	
ANT 3	Body & Hotspot	802.11b	Power State 1 Mode B	5	Back	6	2437	99.84%	0.772	21.50	20.19	0.824	1.116	0.363	0.492	106
ANT 3	Body & Hotspot	802.11b	Power State 1 Mode B	5	Back	11	2462	99.84%	0.829	21.50	20.31	0.808	1.064	0.358	0.472	
ANT 3	Body & Hotspot	802.11b	Power State 1 Mode B	5	Front	2	2417	99.84%	0.399	21.50	20.60	0.415	0.511	0.215	0.265	
ANT 3	Hotspot	802.11b	Power State 1 Mode B	5	Edge Bottom	2	2417	99.84%	0.177	21.50	20.60					
ANT 3	Hotspot	802.11b	Power State 1 Mode B	5	Edge Left	2	2417	99.84%	0.688	21.50	20.60	0.736	0.907	0.325	0.400	
ANT 3	Hotspot	802.11b	Power State 1 Mode B	5	Edge Left	6	2437	99.84%	0.658	21.50	20.19	0.729	0.987	0.318	0.431	
ANT 3	Hotspot	802.11b	Power State 1 Mode B	5	Edge Left	11	2462	99.84%	0.548	21.50	20.31	0.628	0.827	0.275	0.362	
ANT 4	Head	802.11b	Power State 1 Mode A	0	Left Cheek	2	2417	99.84%	0.764	21.50	20.85	0.912	1.061	0.381	0.443	
ANT 4	Head	802.11b	Power State 1 Mode A	0	Left Cheek	6	2437	99.84%	0.649	21.50	20.48	0.899	1.139	0.367	0.465	107
ANT 4	Head	802.11b	Power State 1 Mode A	0	Left Cheek	11	2462	99.84%	0.701	21.50	20.60	0.860	1.060	0.350	0.431	
ANT 4	Head	802.11b	Power State 1 Mode A	0	Left Tilt	2	2417	99.84%	0.285	21.50	20.85	0.242	0.282	0.118	0.137	
ANT 4	Head	802.11b	Power State 1 Mode A	0	Right Cheek	2	2417	99.84%	0.274	21.50	20.85					
ANT 4	Head	802.11b	Power State 1 Mode A	0	Right Tilt	2	2417	99.84%	0.080	21.50	20.85					
ANT 4	Body & Hotspot	802.11b	Power State 1 Mode B	5	Back	2	2417	99.84%	0.736	21.50	20.85	0.770	0.896	0.324	0.377	
ANT 4	Body & Hotspot	802.11b	Power State 1 Mode B	5	Back	6	2437	99.84%	0.658	21.50	20.48	0.699	0.885	0.293	0.371	
ANT 4	Body & Hotspot	802.11b	Power State 1 Mode B	5	Back	11	2462	99.84%	0.728	21.50	20.60	0.718	0.885	0.302	0.372	
ANT 4	Body & Hotspot	802.11b	Power State 1 Mode B	5	Front	2	2417	99.84%	0.486	21.50	20.85	0.494	0.575	0.213	0.248	
ANT 4	Hotspot	802.11b	Power State 1 Mode B	5	Edge Top	2	2417	99.84%	0.035	21.50	20.85					
ANT 4	Hotspot	802.11b	Power State 1 Mode B	5	Edge Right	2	2417	99.84%	0.922	21.50	20.85	0.961	1.118	0.401	0.466	108
ANT 4	Hotspot	802.11b	Power State 1 Mode B	5	Edge Right	6	2437	99.84%	0.837	21.50	20.48	0.811	1.027	0.336	0.426	
ANT 4	Hotspot	802.11b	Power State 1 Mode B	5	Edge Right	11	2462	99.84%	0.874	21.50	20.60	0.861	1.061	0.355	0.437	

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 4 Mode A	0	Left Cheek	11	2462	99.84%	0.098	17.50	16.26	0.095	0.127	0.050	0.067	
ANT 3	Head	802.11b	Power State 4 Mode A	0	Left Tilt	11	2462	99.84%	0.031	17.50	16.26					
ANT 3	Head	802.11b	Power State 4 Mode A	0	Right Cheek	11	2462	99.84%	0.045	17.50	16.26					
ANT 3	Head	802.11b	Power State 4 Mode A	0	Right Tilt	11	2462	99.84%	0.039	17.50	16.26					
ANT 3	Body & Hotspot	802.11b	Power State 4 Mode B	5	Back	11	2462	99.84%	0.275	17.50	16.26	0.276	0.368	0.119	0.159	
ANT 3	Body & Hotspot	802.11b	Power State 4 Mode B	5	Front	11	2462	99.84%	0.235	17.50	16.26					
ANT 3	Hotspot	802.11b	Power State 4 Mode B	5	Edge Bottom	11	2462	99.84%	0.099	17.50	16.26					
ANT 3	Hotspot	802.11b	Power State 4 Mode B	5	Edge Left	11	2462	99.84%	0.246	17.50	16.26					
ANT 4	Head	802.11b	Power State 4 Mode A	0	Left Cheek	11	2462	99.84%	0.314	17.50	16.52	0.310	0.389	0.128	0.161	
ANT 4	Head	802.11b	Power State 4 Mode A	0	Left Tilt	11	2462	99.84%	0.110	17.50	16.52					
ANT 4	Head	802.11b	Power State 4 Mode A	0	Right Cheek	11	2462	99.84%	0.150	17.50	16.52	0.162	0.203	0.081	0.102	
ANT 4	Head	802.11b	Power State 4 Mode A	0	Right Tilt	11	2462	99.84%	0.039	17.50	16.52					
ANT 4	Body & Hotspot	802.11b	Power State 4 Mode B	5	Back	11	2462	99.84%	0.369	17.50	16.79	0.377	0.445	0.153	0.180	
ANT 4	Body & Hotspot	802.11b	Power State 4 Mode B	5	Front	11	2462	99.84%	0.165	17.50	16.79	0.150	0.177	0.065	0.077	
ANT 4	Hotspot	802.11b	Power State 4 Mode B	5	Edge Top	11	2462	99.84%	0.018	17.50	16.79					
ANT 4	Hotspot	802.11b	Power State 4 Mode B	5	Edge Right	11	2462	99.84%	0.359	17.50	16.79	0.344	0.406	0.141	0.166	

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	2	2417	99.84%	0.145	21.00	20.60	0.153	0.168	0.083	0.091	
ANT 3	Head	802.11b	Power State 5 Mode A	0	Left Tilt	2	2417	99.84%	0.063	21.00	20.60					
ANT 3	Head	802.11b	Power State 5 Mode A	0	Right Cheek	2	2417	99.84%	0.078	21.00	20.60					
ANT 3	Head	802.11b	Power State 5 Mode A	0	Right Tilt	2	2417	99.84%	0.066	21.00	20.60					
ANT 3	Body & Hotspot	802.11b	Power State 5 Mode B	5	Back	2	2417	99.84%	0.814	21.00	20.60	0.827	0.908	0.368	0.404	
ANT 3	Body & Hotspot	802.11b	Power State 5 Mode B	5	Back	6	2437	99.84%	0.772	21.00	20.19	0.824	0.995	0.363	0.438	
ANT 3	Body & Hotspot	802.11b	Power State 5 Mode B	5	Back	11	2462	99.84%	0.829	21.00	20.31	0.808	0.949	0.358	0.420	
ANT 3	Body & Hotspot	802.11b	Power State 5 Mode B	5	Front	2	2417	99.84%	0.399	21.00	20.60	0.415	0.456	0.215	0.236	
ANT 3	Hotspot	802.11b	Power State 5 Mode B	5	Edge Bottom	2	2417	99.84%	0.177	21.00	20.60					
ANT 3	Hotspot	802.11b	Power State 5 Mode B	5	Edge Left	2	2417	99.84%	0.688	21.00	20.60	0.736	0.808	0.325	0.357	
ANT 3	Hotspot	802.11b	Power State 5 Mode B	5	Edge Left	6	2437	99.84%	0.658	21.00	20.19	0.729	0.880	0.318	0.384	
ANT 3	Hotspot	802.11b	Power State 5 Mode B	5	Edge Left	11	2462	99.84%	0.548	21.00	20.31	0.628	0.737	0.275	0.323	
ANT 4	Head	802.11b	Power State 5 Mode A	0	Left Cheek	2	2417	99.84%	0.764	21.00	20.85	0.912	0.946	0.381	0.395	
ANT 4	Head	802.11b	Power State 5 Mode A	0	Left Cheek	6	2437	99.84%	0.849	21.00	20.48	0.899	1.015	0.367	0.414	
ANT 4	Head	802.11b	Power State 5 Mode A	0	Left Cheek	11	2462	99.84%	0.701	21.00	20.60	0.860	0.944	0.350	0.384	
ANT 4	Head	802.11b	Power State 5 Mode A	0	Left Tilt	2	2417	99.84%	0.285	21.00	20.85	0.242	0.251	0.118	0.122	
ANT 4	Head	802.11b	Power State 5 Mode A	0	Right Cheek	2	2417	99.84%	0.274	21.00	20.85					
ANT 4	Head	802.11b	Power State 5 Mode A	0	Right Tilt	2	2417	99.84%	0.080	21.00	20.85					
ANT 4	Body & Hotspot	802.11b	Power State 5 Mode B	5	Back	2	2417	99.84%	0.736	21.00	20.85	0.770	0.798	0.324	0.336	
ANT 4	Body & Hotspot	802.11b	Power State 5 Mode B	5	Back	6	2437	99.84%	0.658	21.00	20.48	0.699	0.789	0.293	0.331	
ANT 4	Body & Hotspot	802.11b	Power State 5 Mode B	5	Back	11	2462	99.84%	0.728	21.00	20.60	0.718	0.789	0.302	0.332	
ANT 4	Body & Hotspot	802.11b	Power State 5 Mode B	5	Front	2	2417	99.84%	0.486	21.00	20.85	0.494	0.512	0.213	0.221	
ANT 4	Hotspot	802.11b	Power State 5 Mode B	5	Edge Top	2	2417	99.84%	0.035	21.00	20.85					
ANT 4	Hotspot	802.11b	Power State 5 Mode B	5	Edge Right	2	2417	99.84%	0.922	21.00	20.85	0.961	0.996	0.401	0.416	
ANT 4	Hotspot	802.11b	Power State 5 Mode B	5	Edge Right	6	2437	99.84%	0.837	21.00	20.48	0.811	0.916	0.336	0.379	
ANT 4	Hotspot	802.11b	Power State 5 Mode B	5	Edge Right	11	2462	99.84%	0.874	21.00	20.60	0.861	0.946	0.355	0.390	
ANT 3	Head	802.11b	Power State 6 Mode A	0	Left Cheek	11	2462	99.84%	0.098	16.50	16.26	0.095	0.101	0.050	0.053	
ANT 3	Head	802.11b	Power State 6 Mode A	0	Left Tilt	11	2462	99.84%	0.031	16.50	16.26					
ANT 3	Head	802.11b	Power State 6 Mode A	0	Right Cheek	11	2462	99.84%	0.045	16.50	16.26					
ANT 3	Head	802.11b	Power State 6 Mode A	0	Right Tilt	11	2462	99.84%	0.039	16.50	16.26					
ANT 3	Body & Hotspot	802.11b	Power State 6 Mode B	5	Back	11	2462	99.84%	0.275	16.50	16.26	0.276	0.292	0.119	0.126	
ANT 3	Body & Hotspot	802.11b	Power State 6 Mode B	5	Front	11	2462	99.84%	0.235	16.50	16.26					
ANT 3	Hotspot	802.11b	Power State 6 Mode B	5	Edge Bottom	11	2462	99.84%	0.099	16.50	16.26					
ANT 3	Hotspot	802.11b	Power State 6 Mode B	5	Edge Left	11	2462	99.84%	0.246	16.50	16.26					
ANT 4	Head	802.11b	Power State 6 Mode A	0	Left Cheek	11	2462	99.84%	0.314	16.50	16.50	0.310	0.310	0.128	0.128	
ANT 4	Head	802.11b	Power State 6 Mode A	0	Left Tilt	11	2462	99.84%	0.110	16.50	16.50					
ANT 4	Head	802.11b	Power State 6 Mode A	0	Right Cheek	11	2462	99.84%	0.150	16.50	16.50	0.162	0.162	0.081	0.081	
ANT 4	Head	802.11b	Power State 6 Mode A	0	Right Tilt	11	2462	99.84%	0.039	16.50	16.50					
ANT 4	Body & Hotspot	802.11b	Power State 6 Mode B	5	Back	11	2462	99.84%	0.369	16.50	16.50	0.358	0.359	0.146	0.146	
ANT 4	Body & Hotspot	802.11b	Power State 6 Mode B	5	Front	11	2462	99.84%	0.165	16.50	16.50	0.150	0.150	0.065	0.065	
ANT 4	Hotspot	802.11b	Power State 6 Mode B	5	Edge Top	11	2462	99.84%	0.018	16.50	16.50					
ANT 4	Hotspot	802.11b	Power State 6 Mode B	5	Edge Right	11	2462	99.84%	0.359	16.50	16.50	0.344	0.345	0.141	0.141	

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 1 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 1
- > 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	97.89%	0.053	20.50	19.34	0.080	0.107	0.016	0.021	
ANT 5	Head	802.11n (HT40)	Power State 1 Mode A	0	Left Tilt	54	5270	97.89%	0.004	20.50	19.34					
ANT 5	Head	802.11n (HT40)	Power State 1 Mode A	0	Right Cheek	54	5270	97.89%	0.025	20.50	19.34					
ANT 5	Head	802.11n (HT40)	Power State 1 Mode A	0	Right Tilt	54	5270	97.89%	0.001	20.50	19.34					
ANT 5	Body & Hotspot	802.11n (HT40)	Power State 1 Mode B	5	Back	54	5270	97.89%	0.655	20.50	19.30	0.763	1.028	0.214	0.288	
ANT 5	Body & Hotspot	802.11n (HT40)	Power State 1 Mode B	5	Back	62	5310	97.89%	0.279	17.00	15.76	0.342	0.465	0.102	0.139	
ANT 5	Body & Hotspot	802.11n (HT40)	Power State 1 Mode B	5	Front	54	5270	97.89%	0.112	20.50	19.30	0.110	0.148	0.039	0.053	
ANT 5	Hotspot	802.11n (HT40)	Power State 1 Mode B	5	Edge Bottom	54	5270	97.89%	0.035	20.50	19.30					
ANT 5	Hotspot	802.11n (HT40)	Power State 1 Mode B	5	Edge Left	54	5270	97.89%	0.403	20.50	19.30	0.424	0.571	0.136	0.183	109
ANT 6	Head	802.11n (HT40)	Power State 1 Mode A	0	Left Cheek	54	5270	97.89%	0.156	20.50	19.64					
ANT 6	Head	802.11n (HT40)	Power State 1 Mode A	0	Left Tilt	54	5270	97.89%	0.193	20.50	19.64	0.190	0.237	0.060	0.075	
ANT 6	Head	802.11n (HT40)	Power State 1 Mode A	0	Right Cheek	54	5270	97.89%	0.330	20.50	19.64	0.840	1.046	0.292	0.292	110
ANT 6	Head	802.11n (HT40)	Power State 1 Mode A	0	Right Cheek	62	5310	97.89%	0.281	17.00	15.49	0.305	0.441	0.116	0.168	
ANT 6	Head	802.11n (HT40)	Power State 1 Mode A	0	Right Tilt	54	5270	97.89%	0.299	20.50	19.64	0.655	0.816	0.221	0.275	
ANT 6	Head	802.11n (HT40)	Power State 1 Mode A	0	Right Tilt	62	5310	97.89%	0.226	17.00	15.49	0.254	0.367	0.086	0.124	
ANT 6	Body & Hotspot	802.11n (HT40)	Power State 1 Mode B	5	Back	54	5270	97.89%	0.755	18.50	17.18	0.827	1.145	0.245	0.339	111
ANT 6	Body & Hotspot	802.11n (HT40)	Power State 1 Mode B	5	Back	62	5310	97.89%	0.489	17.00	15.49	0.559	0.808	0.172	0.249	
ANT 6	Body & Hotspot	802.11n (HT40)	Power State 1 Mode B	5	Front	54	5270	97.89%	0.141	18.50	17.18	0.123	0.170	0.041	0.057	
ANT 6	Hotspot	802.11n (HT40)	Power State 1 Mode B	5	Edge Top	54	5270	97.89%	0.140	18.50	17.18					
ANT 6	Hotspot	802.11n (HT40)	Power State 1 Mode B	5	Edge Left	54	5270	97.89%	0.317	18.50	17.18	0.339	0.469	0.106	0.147	

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 4 Mode A	0	Left Cheek	46	5230	97.89%	0.063	20.50	19.72	0.081	0.099	0.016	0.020	
ANT 5	Head	802.11n (HT40)	Power State 4 Mode A	0	Left Tilt	46	5230	97.89%	0.010	20.50	19.72					
ANT 5	Head	802.11n (HT40)	Power State 4 Mode A	0	Right Cheek	46	5230	97.89%	0.040	20.50	19.72					
ANT 5	Head	802.11n (HT40)	Power State 4 Mode A	0	Right Tilt	46	5230	97.89%	0.016	20.50	19.72					
ANT 5	Body & Hotspot	802.11n (HT40)	Power State 4 Mode B	5	Back	46	5230	97.89%	0.389	17.75	17.58	0.410	0.436	0.123	0.128	
ANT 5	Body & Hotspot	802.11n (HT40)	Power State 4 Mode B	5	Front	46	5230	97.89%	0.077	17.75	17.58	0.085	0.090	0.026	0.028	
ANT 5	Hotspot	802.11n (HT40)	Power State 4 Mode B	5	Edge Bottom	46	5230	97.89%	0.028	17.75	17.58					
ANT 5	Hotspot	802.11n (HT40)	Power State 4 Mode B	5	Edge Left	46	5230	97.89%	0.298	17.75	17.58	0.314	0.334	0.101	0.107	
ANT 6	Head	802.11ac (VHT80)	Power State 4 Mode A	0	Left Cheek	42	5210	95.37%	0.103	16.50	15.04					
ANT 6	Head	802.11ac (VHT80)	Power State 4 Mode A	0	Left Tilt	42	5210	95.37%	0.099	16.50	15.04					
ANT 6	Head	802.11ac (VHT80)	Power State 4 Mode A	0	Right Cheek	42	5210	95.37%	0.215	16.50	15.04	0.265	0.389	0.093	0.136	
ANT 6	Head	802.11ac (VHT80)	Power State 4 Mode A	0	Right Tilt	42	5210	95.37%	0.180	16.50	15.04					
ANT 6	Body & Hotspot	802.11ac (VHT160)	Power State 4 Mode B	5	Back	50	5250	98.19%	0.301	14.75	13.25	0.305	0.439	0.099	0.127	
ANT 6	Body & Hotspot	802.11ac (VHT160)	Power State 4 Mode B	5	Front	50	5250	98.19%	0.075	14.75	13.25	0.056	0.081	0.011	0.016	
ANT 6	Hotspot	802.11ac (VHT160)	Power State 4 Mode B	5	Edge Top	50	5250	98.19%	0.039	14.75	13.25					
ANT 6	Hotspot	802.11ac (VHT160)	Power State 4 Mode B	5	Edge Left	50	5250	98.19%	0.127	14.75	13.25	0.122	0.176	0.029	0.042	
ANT 5	Head	802.11n (HT40)	Power State 5 Mode A	0	Left Cheek	54	5270	97.89%	0.053	20.00	19.34	0.080	0.095	0.016	0.019	
ANT 5	Head	802.11n (HT40)	Power State 5 Mode A	0	Left Tilt	54	5270	97.89%	0.004	20.00	19.34					
ANT 5	Head	802.11n (HT40)	Power State 5 Mode A	0	Right Cheek	54	5270	97.89%	0.025	20.00	19.34					
ANT 5	Head	802.11n (HT40)	Power State 5 Mode A	0	Right Tilt	54	5270	97.89%	0.025	20.00	19.34					
ANT 5	Body & Hotspot	802.11n (HT40)	Power State 5 Mode B	5	Back	38	5190	97.89%	0.195	17.50	16.15	0.235	0.328	0.069	0.096	
ANT 5	Body & Hotspot	802.11n (HT40)	Power State 5 Mode B	5	Back	46	5230	97.89%	0.522	20.50	18.90	0.608	0.898	0.185	0.273	
ANT 5	Body & Hotspot	802.11n (HT40)	Power State 5 Mode B	5	Front	46	5230	97.89%	0.105	20.50	18.90	0.104	0.154	0.036	0.053	
ANT 5	Hotspot	802.11n (HT40)	Power State 5 Mode B	5	Edge Bottom	46	5230	97.89%	0.030	20.50	18.90					
ANT 5	Hotspot	802.11n (HT40)	Power State 5 Mode B	5	Edge Left	46	5230	97.89%	0.322	20.50	18.90	0.328	0.484	0.102	0.151	

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	54	5270	97.89%	0.156	20.00	19.64					
ANT 6	Head	802.11n (HT40)	Power State 5 Mode A	0	Left Tilt	54	5270	97.89%	0.193	20.00	19.64	0.190	0.211	0.060	0.067	
ANT 6	Head	802.11n (HT40)	Power State 5 Mode A	0	Right Cheek	54	5270	97.89%	0.330	20.00	19.64	0.840	0.932	0.292	0.324	
ANT 6	Head	802.11n (HT40)	Power State 5 Mode A	0	Right Cheek	62	5310	97.89%	0.281	17.00	15.49	0.305	0.441	0.116	0.168	
ANT 6	Head	802.11n (HT40)	Power State 5 Mode A	0	Right Tilt	54	5270	97.89%	0.299	20.00	19.64	0.655	0.727	0.221	0.245	
ANT 6	Head	802.11n (HT40)	Power State 5 Mode A	0	Right Tilt	62	5310	97.89%	0.226	17.00	15.49	0.254	0.367	0.086	0.124	
ANT 6	Body & Hotspot	802.11n (HT40)	Power State 5 Mode B	5	Back	54	5270	97.89%	0.755	18.00	17.18	0.827	1.020	0.245	0.302	
ANT 6	Body & Hotspot	802.11n (HT40)	Power State 5 Mode B	5	Back	62	5310	97.89%	0.489	17.00	15.49	0.559	0.808	0.172	0.249	
ANT 6	Body & Hotspot	802.11n (HT40)	Power State 5 Mode B	5	Front	54	5270	97.89%	0.141	18.00	17.18	0.123	0.152	0.041	0.051	
ANT 6	Hotspot	802.11n (HT40)	Power State 5 Mode B	5	Edge Top	54	5270	97.89%	0.140	18.00	17.18					
ANT 6	Hotspot	802.11n (HT40)	Power State 5 Mode B	5	Edge Left	54	5270	97.89%	0.317	18.00	17.18	0.339	0.418	0.106	0.131	
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	46	5230	97.89%	0.063	19.50	19.50	0.081	0.083	0.016	0.016	
ANT 5	Head	802.11n (HT40)	Power State 6 Mode A	0	Left Tilt	46	5230	97.89%	0.010	19.50	19.50					
ANT 5	Head	802.11n (HT40)	Power State 6 Mode A	0	Right Cheek	46	5230	97.89%	0.040	19.50	19.50					
ANT 5	Head	802.11n (HT40)	Power State 6 Mode A	0	Right Tilt	46	5230	97.89%	0.016	19.50	19.50					
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 6 Mode B	5	Back	42	5210	95.37%	0.185	16.75	15.96	0.237	0.298	0.072	0.091	
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 6 Mode B	5	Front	42	5210	95.37%	0.040	16.75	15.96					
ANT 5	Hotspot	802.11ac (VHT80)	Power State 6 Mode B	5	Edge Bottom	42	5210	95.37%	0.014	16.75	15.96					
ANT 5	Hotspot	802.11ac (VHT80)	Power State 6 Mode B	5	Edge Left	42	5210	95.37%	0.169	16.75	15.96					
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	95.37%	0.103	15.50	15.04					
ANT 6	Head	802.11ac (VHT80)	Power State 6 Mode A	0	Left Tilt	42	5210	95.37%	0.099	15.50	15.04					
ANT 6	Head	802.11ac (VHT80)	Power State 6 Mode A	0	Right Cheek	42	5210	95.37%	0.215	15.50	15.04	0.265	0.309	0.093	0.108	
ANT 6	Head	802.11ac (VHT80)	Power State 6 Mode A	0	Right Tilt	42	5210	95.37%	0.180	15.50	15.04					
ANT 6	Body & Hotspot	802.11ac (VHT 160)	Power State 6 Mode B	5	Back	50	5250	98.19%	0.301	13.75	13.25	0.305	0.349	0.099	0.113	
ANT 6	Body & Hotspot	802.11ac (VHT 160)	Power State 6 Mode B	5	Front	50	5250	98.19%	0.075	13.75	13.25	0.056	0.064	0.011	0.013	
ANT 6	Hotspot	802.11ac (VHT 160)	Power State 6 Mode B	5	Edge Top	50	5250	98.19%	0.039	13.75	13.25					
ANT 6	Hotspot	802.11ac (VHT 160)	Power State 6 Mode B	5	Edge Left	50	5250	98.19%	0.127	13.75	13.25	0.122	0.139	0.029	0.033	

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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	95.37%	0.047	20.50	18.75	0.034	0.053	0.006	0.009	
ANT 5	Head	802.11ac (VHT80)	Power State 1 Mode A	0	Left Tilt	122	5610	95.37%	0.001	20.50	18.75					
ANT 5	Head	802.11ac (VHT80)	Power State 1 Mode A	0	Right Cheek	122	5610	95.37%	0.035	20.50	18.75					
ANT 5	Head	802.11ac (VHT80)	Power State 1 Mode A	0	Right Tilt	122	5610	95.37%	0.006	20.50	18.75					
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	Back	106	5530	95.37%	0.358	16.00	14.63	0.420	0.604	0.127	0.183	
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	Back	122	5610	95.37%	0.819	19.25	18.75	0.906	1.066	0.267	0.314	
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	Back	138	5690	95.37%	0.744	19.25	18.70	0.811	0.965	0.243	0.289	
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	Front	122	5610	95.37%	0.098	19.25	18.75	0.104	0.122	0.030	0.035	
ANT 5	Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	Edge Bottom	122	5610	95.37%	0.051	19.25	18.75					
ANT 5	Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	Edge Left	122	5610	95.37%	0.371	19.25	18.75	0.406	0.478	0.135	0.159	
ANT 6	Head	802.11ac (VHT80)	Power State 1 Mode A	0	Left Cheek	122	5610	95.37%	0.360	20.50	19.69					
ANT 6	Head	802.11ac (VHT80)	Power State 1 Mode A	0	Left Tilt	122	5610	95.37%	0.371	20.50	19.69	0.337	0.426	0.102	0.129	
ANT 6	Head	802.11ac (VHT80)	Power State 1 Mode A	0	Right Cheek	122	5610	95.37%	0.823	20.50	19.69	0.868	1.097	0.284	0.359	112
ANT 6	Head	802.11ac (VHT80)	Power State 1 Mode A	0	Right Tilt	138	5690	95.37%	0.628	20.50	19.66	0.701	0.892	0.222	0.282	
ANT 6	Head	802.11ac (VHT80)	Power State 1 Mode A	0	Right Tilt	122	5610	95.37%	0.594	20.50	19.69	0.736	0.930	0.242	0.306	
ANT 6	Head	802.11ac (VHT80)	Power State 1 Mode A	0	Right Tilt	138	5690	95.37%	0.591	20.50	19.66	0.698	0.888	0.216	0.275	
ANT 6	Body & Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	Back	106	5530	95.37%	0.301	16.00	14.50	0.302	0.447	0.083	0.123	
ANT 6	Body & Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	Back	122	5610	95.37%	0.794	19.75	18.65	0.857	1.158	0.228	0.294	
ANT 6	Body & Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	Back	138	5690	95.37%	0.721	19.75	18.44	0.817	1.158	0.203	0.288	113
ANT 6	Body & Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	Front	122	5610	95.37%	0.286	19.75	18.65	0.266	0.359	0.085	0.115	
ANT 6	Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	Edge Top	122	5610	95.37%	0.240	19.75	18.65					
ANT 6	Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	Edge Left	122	5610	95.37%	0.846	19.75	18.65	0.659	0.890	0.199	0.269	114
ANT 6	Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	Edge Left	138	5690	95.37%	0.358	19.75	18.44	0.369	0.523	0.101	0.143	

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 4 Mode A	0	Left Cheek	122	5610	95.37%	0.013	18.00	16.58	0.010	0.015	0.000	0.000	
ANT 5	Head	802.11ac (VHT80)	Power State 4 Mode A	0	Left Tilt	122	5610	95.37%	0.001	18.00	16.58					
ANT 5	Head	802.11ac (VHT80)	Power State 4 Mode A	0	Right Cheek	122	5610	95.37%	0.006	18.00	16.58					
ANT 5	Head	802.11ac (VHT80)	Power State 4 Mode A	0	Right Tilt	122	5610	95.37%	0.002	18.00	16.58					
ANT 5	Body & Hotspot	802.11ac (VHT160)	Power State 4 Mode B	5	Back	114	5570	98.19%	0.334	15.25	13.75	0.248	0.357	0.061	0.088	
ANT 5	Body & Hotspot	802.11ac (VHT160)	Power State 4 Mode B	5	Front	114	5570	98.19%	0.043	15.25	13.75	0.005	0.007	0.000	0.000	
ANT 5	Hotspot	802.11ac (VHT160)	Power State 4 Mode B	5	Edge Bottom	114	5570	98.19%	0.021	15.25	13.75					
ANT 5	Hotspot	802.11ac (VHT160)	Power State 4 Mode B	5	Edge Left	114	5570	98.19%	0.174	15.25	13.75	0.081	0.117	0.014	0.020	
ANT 6	Head	802.11ac (VHT160)	Power State 4 Mode A	0	Left Cheek	114	5570	98.19%	0.108	15.00	14.58					
ANT 6	Head	802.11ac (VHT160)	Power State 4 Mode A	0	Left Tilt	114	5570	98.19%	0.118	15.00	14.58					
ANT 6	Head	802.11ac (VHT160)	Power State 4 Mode A	0	Right Cheek	114	5570	98.19%	0.312	15.00	14.58	0.308	0.346	0.111	0.125	
ANT 6	Head	802.11ac (VHT160)	Power State 4 Mode A	0	Right Tilt	114	5570	98.19%	0.189	15.00	14.58					
ANT 6	Body & Hotspot	802.11ac (VHT160)	Power State 4 Mode B	5	Back	114	5570	98.19%	0.305	15.75	14.52	0.331	0.447	0.085	0.115	
ANT 6	Body & Hotspot	802.11ac (VHT160)	Power State 4 Mode B	5	Front	114	5570	98.19%	0.189	15.75	14.52	0.174	0.235	0.051	0.069	
ANT 6	Hotspot	802.11ac (VHT160)	Power State 4 Mode B	5	Edge Top	114	5570	98.19%	0.092	15.75	14.52					
ANT 6	Hotspot	802.11ac (VHT160)	Power State 4 Mode B	5	Edge Left	114	5570	98.19%	0.281	15.75	14.52	0.306	0.414	0.085	0.115	
ANT 5	Head	802.11ac (VHT80)	Power State 5 Mode A	0	Left Cheek	122	5610	95.37%	0.047	20.00	19.52	0.034	0.040	0.006	0.007	
ANT 5	Head	802.11ac (VHT80)	Power State 5 Mode A	0	Left Tilt	122	5610	95.37%	0.001	20.00	19.52					
ANT 5	Head	802.11ac (VHT80)	Power State 5 Mode A	0	Right Cheek	122	5610	95.37%	0.035	20.00	19.52					
ANT 5	Head	802.11ac (VHT80)	Power State 5 Mode A	0	Right Tilt	122	5610	95.37%	0.006	20.00	19.52					
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Back	106	5530	95.37%	0.358	16.00	14.63	0.420	0.604	0.127	0.183	
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Back	122	5610	95.37%	0.822	18.75	18.80	0.906	0.939	0.269	0.279	
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Back	138	5690	95.37%	0.744	18.75	18.80	0.811	0.841	0.243	0.252	
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Front	122	5610	95.37%	0.098	18.75	18.80	0.104	0.108	0.030	0.031	
ANT 5	Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Edge Bottom	122	5610	95.37%	0.051	18.75	18.80					
ANT 5	Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Edge Left	122	5610	95.37%	0.371	18.75	18.80	0.406	0.421	0.135	0.140	

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	95.37%	0.360	20.00	19.69					
ANT 6	Head	802.11ac (VHT80)	Power State 5 Mode A	0	Left Tilt	122	5610	95.37%	0.371	20.00	19.69	0.337	0.380	0.102	0.115	
ANT 6	Head	802.11ac (VHT80)	Power State 5 Mode A	0	Right Cheek	122	5610	95.37%	0.823	20.00	19.69	0.868	0.977	0.284	0.320	
ANT 6	Head	802.11ac (VHT80)	Power State 5 Mode A	0	Right Cheek	138	5690	95.37%	0.628	20.00	19.66	0.701	0.795	0.222	0.252	
ANT 6	Head	802.11ac (VHT80)	Power State 5 Mode A	0	Right Tilt	122	5610	95.37%	0.594	20.00	19.69	0.736	0.829	0.242	0.273	
ANT 6	Head	802.11ac (VHT80)	Power State 5 Mode A	0	Right Tilt	138	5690	95.37%	0.591	20.00	19.66	0.698	0.791	0.216	0.245	
ANT 6	Body & Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Back	106	5530	95.37%	0.301	16.00	14.50	0.302	0.447	0.083	0.123	
ANT 6	Body & Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Back	122	5610	95.37%	0.794	19.25	18.65	0.857	1.032	0.228	0.274	
ANT 6	Body & Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Back	138	5690	95.37%	0.721	19.25	18.34	0.817	1.056	0.203	0.262	
ANT 6	Body & Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Front	122	5610	95.37%	0.286	19.25	18.65	0.266	0.320	0.085	0.102	
ANT 6	Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Edge Top	122	5610	95.37%	0.240	19.25	18.65					
ANT 6	Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Edge Left	122	5610	95.37%	0.646	19.25	18.65	0.659	0.793	0.199	0.240	
ANT 6	Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Edge Left	138	5690	95.37%	0.358	19.25	18.34	0.369	0.477	0.101	0.131	
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	95.37%	0.013	17.00	16.58	0.010	0.012	0.000	0.000	
ANT 5	Head	802.11ac (VHT80)	Power State 6 Mode A	0	Left Tilt	122	5610	95.37%	0.001	17.00	16.58					
ANT 5	Head	802.11ac (VHT80)	Power State 6 Mode A	0	Right Cheek	122	5610	95.37%	0.006	17.00	16.58					
ANT 5	Head	802.11ac (VHT80)	Power State 6 Mode A	0	Right Tilt	122	5610	95.37%	0.002	17.00	16.58					
ANT 5	Body & Hotspot	802.11ac (VHT160)	Power State 6 Mode B	5	Back	114	5570	98.19%	0.245	14.25	13.75	0.251	0.287	0.058	0.066	
ANT 5	Hotspot	802.11ac (VHT160)	Power State 6 Mode B	5	Edge Bottom	114	5570	98.19%	0.005	14.25	13.75					
ANT 5	Hotspot	802.11ac (VHT160)	Power State 6 Mode B	5	Edge Left	114	5570	98.19%	0.085	14.25	13.75					
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 (VHT160)	Power State 6 Mode A	0	Left Cheek	114	5570	98.19%	0.069	14.00	13.24					
ANT 6	Head	802.11ac (VHT160)	Power State 6 Mode A	0	Left Tilt	114	5570	98.19%	0.064	14.00	13.24					
ANT 6	Head	802.11ac (VHT160)	Power State 6 Mode A	0	Right Cheek	114	5570	98.19%	0.196	14.00	13.24	0.180	0.218	0.047	0.057	
ANT 6	Head	802.11ac (VHT160)	Power State 6 Mode A	0	Right Tilt	114	5570	98.19%	0.129	14.00	13.24					
ANT 6	Body & Hotspot	802.11ac (VHT160)	Power State 6 Mode B	5	Back	114	5570	98.19%	0.305	14.75	14.52	0.331	0.355	0.085	0.091	
ANT 6	Body & Hotspot	802.11ac (VHT160)	Power State 6 Mode B	5	Front	114	5570	98.19%	0.189	14.75	14.52	0.174	0.187	0.051	0.055	
ANT 6	Hotspot	802.11ac (VHT160)	Power State 6 Mode B	5	Edge Top	114	5570	98.19%	0.092	14.75	14.52					
ANT 6	Hotspot	802.11ac (VHT160)	Power State 6 Mode B	5	Edge Left	114	5570	98.19%	0.281	14.75	14.52	0.306	0.329	0.085	0.091	

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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	155	5775	95.37%	0.030	20.50	19.18	0.033	0.047	0.030	0.043	
ANT 5	Head	802.11ac (VHT80)	Power State 1 Mode A	0	Left Tilt	155	5775	95.37%	0.009	20.50	19.18					
ANT 5	Head	802.11ac (VHT80)	Power State 1 Mode A	0	Right Cheek	155	5775	95.37%	0.011	20.50	19.18					
ANT 5	Head	802.11ac (VHT80)	Power State 1 Mode A	0	Right Tilt	155	5775	95.37%	0.005	20.50	19.18					
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	Back	155	5775	95.37%	0.810	20.25	19.18	0.864	1.159	0.256	0.343	115
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	Front	155	5775	95.37%	0.046	20.25	19.18	0.053	0.071	0.007	0.009	
ANT 5	Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	Edge Bottom	155	5775	95.37%	0.065	20.25	19.18					
ANT 5	Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	Edge Left	155	5775	95.37%	0.271	20.25	19.18	0.297	0.398	0.094	0.126	
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	155	5775	95.37%	0.129	20.50	20.12					
ANT 6	Head	802.11ac (VHT80)	Power State 1 Mode A	0	Left Tilt	155	5775	95.37%	0.114	20.50	20.12					
ANT 6	Head	802.11ac (VHT80)	Power State 1 Mode A	0	Right Cheek	155	5775	95.37%	0.407	20.50	20.12	0.849	0.972	0.297	0.340	116
ANT 6	Head	802.11ac (VHT80)	Power State 1 Mode A	0	Right Tilt	155	5775	95.37%	0.269	20.50	20.12	0.602	0.689	0.186	0.213	
ANT 6	Body & Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	Back	155	5775	95.37%	0.540	19.75	18.50	0.817	1.142	0.216	0.302	
ANT 6	Body & Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	Front	155	5775	95.37%	0.152	19.75	18.50	0.132	0.185	0.040	0.056	
ANT 6	Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	Edge Top	155	5775	95.37%	0.129	19.75	18.50					
ANT 6	Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	Edge Left	155	5775	95.37%	0.459	19.75	18.50	0.455	0.636	0.131	0.183	117

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 4 Mode A	0	Left Cheek	155	5775	95.37%	0.009	18.75	17.17	0.001	0.002	0.001	0.002	
ANT 5	Head	802.11ac (VHT80)	Power State 4 Mode A	0	Left Tilt	155	5775	95.37%	0.001	18.75	17.17					
ANT 5	Head	802.11ac (VHT80)	Power State 4 Mode A	0	Right Cheek	155	5775	95.37%	0.002	18.75	17.17					
ANT 5	Head	802.11ac (VHT80)	Power State 4 Mode A	0	Right Tilt	155	5775	95.37%	0.001	18.75	17.17					
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 4 Mode B	5	Back	155	5775	95.37%	0.390	15.75	15.50	0.411	0.456	0.119	0.132	
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 4 Mode B	5	Front	155	5775	95.37%	0.046	15.75	15.50	0.026	0.029	0.006	0.007	
ANT 5	Hotspot	802.11ac (VHT80)	Power State 4 Mode B	5	Edge Bottom	155	5775	95.37%	0.033	15.75	15.50					
ANT 5	Hotspot	802.11ac (VHT80)	Power State 4 Mode B	5	Edge Left	155	5775	95.37%	0.174	15.75	15.50	0.184	0.204	0.060	0.067	
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	95.37%	0.084	15.50	14.20					
ANT 6	Head	802.11ac (VHT80)	Power State 4 Mode A	0	Left Tilt	155	5775	95.37%	0.109	15.50	14.20					
ANT 6	Head	802.11ac (VHT80)	Power State 4 Mode A	0	Right Cheek	155	5775	95.37%	0.248	15.50	14.20	0.271	0.383	0.091	0.129	
ANT 6	Head	802.11ac (VHT80)	Power State 4 Mode A	0	Right Tilt	155	5775	95.37%	0.137	15.50	14.20					
ANT 6	Body & Hotspot	802.11ac (VHT80)	Power State 4 Mode B	5	Back	155	5775	95.37%	0.319	16.25	15.78	0.360	0.421	0.094	0.110	
ANT 6	Body & Hotspot	802.11ac (VHT80)	Power State 4 Mode B	5	Front	155	5775	95.37%	0.089	16.25	15.78	0.103	0.120	0.030	0.035	
ANT 6	Hotspot	802.11ac (VHT80)	Power State 4 Mode B	5	Edge Top	155	5775	95.37%	0.089	16.25	15.78					
ANT 6	Hotspot	802.11ac (VHT80)	Power State 4 Mode B	5	Edge Left	155	5775	95.37%	0.254	16.25	15.78	0.237	0.277	0.070	0.082	

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	155	5775	95.37%	0.030	20.00	19.18	0.033	0.042	0.030	0.038	
ANT 5	Head	802.11ac (VHT80)	Power State 5 Mode A	0	Left Tilt	155	5775	95.37%	0.009	20.00	19.18					
ANT 5	Head	802.11ac (VHT80)	Power State 5 Mode A	0	Right Cheek	155	5775	95.37%	0.011	20.00	19.18					
ANT 5	Head	802.11ac (VHT80)	Power State 5 Mode A	0	Right Tilt	155	5775	95.37%	0.005	20.00	19.18					
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Back	155	5775	95.37%	0.810	19.75	19.18	0.864	1.033	0.256	0.306	
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Front	155	5775	95.37%	0.046	19.75	19.18	0.053	0.063	0.007	0.008	
ANT 5	Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Edge Bottom	155	5775	95.37%	0.065	19.75	19.18					
ANT 5	Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Edge Left	155	5775	95.37%	0.271	19.75	19.18	0.297	0.355	0.094	0.112	
ANT 6	Head	802.11ac (VHT80)	Power State 5 Mode A	0	Left Cheek	155	5775	95.37%	0.264	20.00	18.50					
ANT 6	Head	802.11ac (VHT80)	Power State 5 Mode A	0	Left Tilt	155	5775	95.37%	0.210	20.00	18.50					
ANT 6	Head	802.11ac (VHT80)	Power State 5 Mode A	0	Right Cheek	155	5775	95.37%	0.430	20.00	18.50	0.569	0.843	0.187	0.277	
ANT 6	Head	802.11ac (VHT80)	Power State 5 Mode A	0	Right Tilt	155	5775	95.37%	0.514	20.00	18.50	0.557	0.825	0.184	0.273	
ANT 6	Body & Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Back	155	5775	95.37%	0.540	19.25	18.31	0.817	1.064	0.216	0.281	
ANT 6	Body & Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Front	155	5775	95.37%	0.152	19.25	18.31	0.132	0.172	0.040	0.052	
ANT 6	Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Edge Top	155	5775	95.37%	0.129	19.25	18.31					
ANT 6	Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Edge Left	155	5775	95.37%	0.459	19.25	18.31	0.455	0.592	0.131	0.171	
ANT 5	Head	802.11ac (VHT80)	Power State 6 Mode A	0	Left Cheek	155	5775	95.37%	0.009	17.75	17.17	0.001	0.001	0.001	0.001	
ANT 5	Head	802.11ac (VHT80)	Power State 6 Mode A	0	Left Tilt	155	5775	95.37%	0.001	17.75	17.17					
ANT 5	Head	802.11ac (VHT80)	Power State 6 Mode A	0	Right Cheek	155	5775	95.37%	0.002	17.75	17.17					
ANT 5	Head	802.11ac (VHT80)	Power State 6 Mode A	0	Right Tilt	155	5775	95.37%	0.001	17.75	17.17					
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 6 Mode B	5	Back	155	5775	95.37%	0.305	14.75	14.50	0.323	0.359	0.085	0.094	
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 6 Mode B	5	Front	155	5775	95.37%	0.023	14.75	14.50	0.019	0.021	0.001	0.001	
ANT 5	Hotspot	802.11ac (VHT80)	Power State 6 Mode B	5	Edge Bottom	155	5775	95.37%	0.016	14.75	14.50					
ANT 5	Hotspot	802.11ac (VHT80)	Power State 6 Mode B	5	Edge Left	155	5775	95.37%	0.130	14.75	14.50	0.124	0.138	0.036	0.040	
ANT 6	Head	802.11ac (VHT80)	Power State 6 Mode A	0	Left Cheek	155	5775	95.37%	0.084	14.50	14.20					
ANT 6	Head	802.11ac (VHT80)	Power State 6 Mode A	0	Left Tilt	155	5775	95.37%	0.109	14.50	14.20					
ANT 6	Head	802.11ac (VHT80)	Power State 6 Mode A	0	Right Cheek	155	5775	95.37%	0.248	14.50	14.20	0.271	0.304	0.091	0.102	
ANT 6	Head	802.11ac (VHT80)	Power State 6 Mode A	0	Right Tilt	155	5775	95.37%	0.137	14.50	14.20					
ANT 6	Body & Hotspot	802.11ac (VHT80)	Power State 6 Mode B	5	Back	155	5775	95.37%	0.348	15.25	14.40	0.278	0.355	0.067	0.085	
ANT 6	Body & Hotspot	802.11ac (VHT80)	Power State 6 Mode B	5	Front	155	5775	95.37%	0.092	15.25	14.40					
ANT 6	Hotspot	802.11ac (VHT80)	Power State 6 Mode B	5	Edge Top	155	5775	95.37%	0.077	15.25	14.40					
ANT 6	Hotspot	802.11ac (VHT80)	Power State 6 Mode B	5	Edge Left	155	5775	95.37%	0.279	15.25	14.40					

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

The iPD measurements are recorded in UL 14523740-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	GFSK (BDR)	PStandalone Mode A	0	Left Cheek	39	2441	20.0	19.8	0.114	0.119	0.061	0.064	
ANT 3	Head	GFSK (BDR)	PStandalone Mode A	0	Left Tilt	39	2441	20.0	19.8	0.049	0.051	0.028	0.029	
ANT 3	Head	GFSK (BDR)	PStandalone Mode A	0	Right Cheek	39	2441	20.0	19.8	0.061	0.064	0.034	0.036	
ANT 3	Head	GFSK (BDR)	PStandalone Mode A	0	Right Tilt	39	2441	20.0	19.8	0.055	0.058	0.031	0.032	
ANT 3	Body & Hotspot	GFSK (BDR)	PStandalone Mode B	5	Back	39	2441	20.0	19.8	0.725	0.759	0.316	0.331	118
ANT 3	Body & Hotspot	GFSK (BDR)	PStandalone Mode B	5	Front	39	2441	20.0	19.8	0.336	0.352	0.176	0.184	
ANT 3	Hotspot	GFSK (BDR)	PStandalone Mode B	5	Edge Bottom	39	2441	20.0	19.8	0.169	0.177	0.085	0.089	
ANT 3	Hotspot	GFSK (BDR)	PStandalone Mode B	5	Edge Left	39	2441	20.0	19.8	0.722	0.756	0.307	0.321	119
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)	PStandalone Mode A	0	Left Cheek	39	2441	20.0	19.9	0.621	0.635	0.257	0.263	120
ANT 4	Head	GFSK (BDR)	PStandalone Mode A	0	Left Tilt	39	2441	20.0	19.9	0.150	0.153	0.073	0.075	
ANT 4	Head	GFSK (BDR)	PStandalone Mode A	0	Right Cheek	39	2441	20.0	19.9	0.171	0.175	0.091	0.093	
ANT 4	Head	GFSK (BDR)	PStandalone Mode A	0	Right Tilt	39	2441	20.0	19.9	0.043	0.044	0.023	0.024	
ANT 4	Body & Hotspot	GFSK (BDR)	PStandalone Mode B	5	Back	39	2441	20.0	19.9	0.666	0.682	0.271	0.277	
ANT 4	Body & Hotspot	GFSK (BDR)	PStandalone Mode B	5	Front	39	2441	20.0	19.9	0.306	0.313	0.132	0.135	
ANT 4	Hotspot	GFSK (BDR)	PStandalone Mode B	5	Edge Top	39	2441	20.0	19.9	0.019	0.019	0.010	0.010	
ANT 4	Hotspot	GFSK (BDR)	PStandalone Mode B	5	Edge Right	39	2441	20.0	19.9	0.726	0.743	0.293	0.300	
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	0	2402	20.0	19.8	0.090	0.094	0.050	0.052	
ANT 3	Head	GFSK (BDR)	PHigh Mode A	0	Left Tilt	0	2402	20.0	19.8	0.034	0.036	0.018	0.019	
ANT 3	Head	GFSK (BDR)	PHigh Mode A	0	Right Cheek	0	2402	20.0	19.8	0.043	0.028	0.025	0.017	
ANT 3	Head	GFSK (BDR)	PHigh Mode A	0	Right Tilt	0	2402	20.0	19.8	0.039	0.026	0.021	0.014	
ANT 3	Body & Hotspot	GFSK (BDR)	PHigh Mode B	5	Back	39	2441	18.0	18.0	0.396	0.396	0.178	0.178	
ANT 3	Body & Hotspot	GFSK (BDR)	PHigh Mode B	5	Front	39	2441	18.0	18.0	0.217	0.217	0.110	0.110	
ANT 3	Hotspot	GFSK (BDR)	PHigh Mode B	5	Edge Bottom	39	2441	18.0	18.0	0.098	0.098	0.047	0.047	
ANT 3	Hotspot	GFSK (BDR)	PHigh Mode B	5	Edge Left	39	2441	18.0	18.0	0.382	0.382	0.168	0.168	
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	19.0	19.0	0.339	0.339	0.141	0.141	
ANT 4	Head	GFSK (BDR)	PHigh Mode A	0	Left Tilt	39	2441	19.0	19.0	0.103	0.103	0.049	0.049	
ANT 4	Head	GFSK (BDR)	PHigh Mode A	0	Right Cheek	39	2441	19.0	19.0	0.112	0.089	0.060	0.048	
ANT 4	Head	GFSK (BDR)	PHigh Mode A	0	Right Tilt	39	2441	19.0	19.0	0.035	0.028	0.018	0.014	
ANT 4	Body & Hotspot	GFSK (BDR)	PHigh Mode B	5	Back	39	2441	18.0	18.0	0.283	0.283	0.119	0.119	
ANT 4	Body & Hotspot	GFSK (BDR)	PHigh Mode B	5	Front	39	2441	18.0	18.0	0.191	0.191	0.083	0.083	
ANT 4	Hotspot	GFSK (BDR)	PHigh Mode B	5	Edge Top	39	2441	18.0	18.0	0.013	0.013	0.006	0.006	
ANT 4	Hotspot	GFSK (BDR)	PHigh Mode B	5	Edge Right	39	2441	18.0	18.0	0.363	0.363	0.148	0.148	

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	15.0	14.9	0.041	0.042	0.020	0.020	
ANT 3	Head	GFSK (BDR)	PMid Mode A	0	Left Tilt	39	2441	15.0	14.9	0.010	0.010	0.005	0.005	
ANT 3	Head	GFSK (BDR)	PMid Mode A	0	Right Cheek	39	2441	15.0	14.9	0.016	0.016	0.009	0.009	
ANT 3	Head	GFSK (BDR)	PMid Mode A	0	Right Tilt	39	2441	15.0	14.9	0.013	0.013	0.006	0.006	
ANT 3	Body & Hotspot	GFSK (BDR)	PMid Mode B	5	Back	39	2441	12.0	11.8	0.107	0.112	0.047	0.049	
ANT 3	Body & Hotspot	GFSK (BDR)	PMid Mode B	5	Front	39	2441	12.0	11.8	0.050	0.052	0.025	0.026	
ANT 3	Hotspot	GFSK (BDR)	PMid Mode B	5	Edge Bottom	39	2441	12.0	11.8	0.024	0.025	0.012	0.013	
ANT 3	Hotspot	GFSK (BDR)	PMid Mode B	5	Edge Left	39	2441	12.0	11.8	0.098	0.103	0.043	0.045	
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	13.0	12.1	0.132	0.162	0.052	0.064	
ANT 4	Head	GFSK (BDR)	PMid Mode A	0	Left Tilt	39	2441	13.0	12.1	0.025	0.031	0.011	0.014	
ANT 4	Head	GFSK (BDR)	PMid Mode A	0	Right Cheek	39	2441	13.0	12.1	0.026	0.032	0.012	0.015	
ANT 4	Head	GFSK (BDR)	PMid Mode A	0	Right Tilt	39	2441	13.0	12.1	0.006	0.007	0.003	0.004	
ANT 4	Body & Hotspot	GFSK (BDR)	PMid Mode B	5	Back	39	2441	12.0	11.1	0.103	0.127	0.040	0.049	
ANT 4	Body & Hotspot	GFSK (BDR)	PMid Mode B	5	Front	39	2441	12.0	11.1	0.044	0.054	0.018	0.022	
ANT 4	Hotspot	GFSK (BDR)	PMid Mode B	5	Edge Top	39	2441	12.0	11.1	0.001	0.001	0.000	0.000	
ANT 4	Hotspot	GFSK (BDR)	PMid Mode B	5	Edge Right	39	2441	12.0	11.1	0.087	0.107	0.035	0.043	
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	12.5	11.2	0.013	0.018	0.006	0.008	
ANT 3	Head	GFSK (BDR)	PLow Mode A	0	Left Tilt	39	2441	12.5	11.2	0.004	0.005	0.001	0.001	
ANT 3	Head	GFSK (BDR)	PLow Mode A	0	Right Cheek	39	2441	12.5	11.2	0.006	0.008	0.002	0.003	
ANT 3	Head	GFSK (BDR)	PLow Mode A	0	Right Tilt	39	2441	12.5	11.2	0.005	0.007	0.002	0.003	
ANT 3	Body & Hotspot	GFSK (BDR)	PLow Mode B	5	Back	39	2441	12.0	11.2	0.081	0.097	0.038	0.046	
ANT 3	Body & Hotspot	GFSK (BDR)	PLow Mode B	5	Front	39	2441	12.0	11.2	0.045	0.054	0.023	0.028	
ANT 3	Hotspot	GFSK (BDR)	PLow Mode B	5	Edge Bottom	39	2441	12.0	11.2	0.030	0.036	0.015	0.018	
ANT 3	Hotspot	GFSK (BDR)	PLow Mode B	5	Edge Left	39	2441	12.0	11.2	0.075	0.090	0.033	0.040	
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	11.0	10.1	0.054	0.066	0.021	0.026	
ANT 4	Head	GFSK (BDR)	PLow Mode A	0	Left Tilt	39	2441	11.0	10.1	0.011	0.014	0.004	0.005	
ANT 4	Head	GFSK (BDR)	PLow Mode A	0	Right Cheek	39	2441	11.0	10.1	0.014	0.017	0.006	0.007	
ANT 4	Head	GFSK (BDR)	PLow Mode A	0	Right Tilt	39	2441	11.0	10.1	0.001	0.001	0.000	0.000	
ANT 4	Body & Hotspot	GFSK (BDR)	PLow Mode B	5	Back	39	2441	11.0	10.1	0.050	0.062	0.020	0.025	
ANT 4	Body & Hotspot	GFSK (BDR)	PLow Mode B	5	Front	39	2441	11.0	10.1	0.030	0.037	0.012	0.015	
ANT 4	Hotspot	GFSK (BDR)	PLow Mode B	5	Edge Top	39	2441	11.0	10.1	0.001	0.001	0.000	0.000	
ANT 4	Hotspot	GFSK (BDR)	PLow Mode B	5	Edge Right	39	2441	11.0	10.1	0.059	0.073	0.023	0.028	

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	HDR8	PStandalone Mode A	0	Left Cheek	0	5230	14.0	13.7	0.000	0.000	0.000	0.000	
ANT 5	Head	HDR8	PStandalone Mode A	0	Left Tilt	0	5230	14.0	13.7	0.000	0.000	0.000	0.000	
ANT 5	Head	HDR8	PStandalone Mode A	0	Right Cheek	0	5230	14.0	13.7	0.000	0.000	0.000	0.000	
ANT 5	Head	HDR8	PStandalone Mode A	0	Right Tilt	0	5230	14.0	13.7	0.000	0.000	0.000	0.000	
ANT 5	Body & Hotspot	HDR8	PStandalone Mode B	5	Back	0	5230	14.0	13.7	0.096	0.104	0.020	0.022	
ANT 5	Body & Hotspot	HDR8	PStandalone Mode B	5	Front	0	5230	14.0	13.7	0.011	0.012	0.002	0.002	
ANT 5	Hotspot	HDR8	PStandalone Mode B	5	Edge Bottom	0	5230	14.0	13.7	0.002	0.002	0.000	0.000	
ANT 5	Hotspot	HDR8	PStandalone Mode B	5	Edge Left	0	5230	14.0	13.7	0.060	0.065	0.016	0.017	
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	HDR8	PStandalone Mode A	0	Left Cheek	0	5230	14.0	14.0	0.043	0.043	0.004	0.004	
ANT 6	Head	HDR8	PStandalone Mode A	0	Left Tilt	0	5230	14.0	14.0	0.038	0.038	0.002	0.002	
ANT 6	Head	HDR8	PStandalone Mode A	0	Right Cheek	0	5230	14.0	14.0	0.157	0.157	0.050	0.050	121
ANT 6	Head	HDR8	PStandalone Mode A	0	Right Tilt	0	5230	14.0	14.0	0.092	0.092	0.019	0.019	
ANT 6	Body & Hotspot	HDR8	PStandalone Mode B	5	Back	0	5230	14.0	14.0	0.277	0.277	0.092	0.092	122
ANT 6	Body & Hotspot	HDR8	PStandalone Mode B	5	Front	0	5230	14.0	14.0	0.029	0.029	0.004	0.004	
ANT 6	Hotspot	HDR8	PStandalone Mode B	5	Edge Top	0	5230	14.0	14.0	0.039	0.039	0.003	0.003	
ANT 6	Hotspot	HDR8	PStandalone Mode B	5	Edge Left	0	5230	14.0	14.0	0.107	0.107	0.023	0.023	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	HDR8	PHigh Mode A	0	Left Cheek	0	5230	14.0	13.7	0.000	0.000	0.000	0.000	
ANT 5	Head	HDR8	PHigh Mode A	0	Left Tilt	0	5230	14.0	13.7	0.000	0.000	0.000	0.000	
ANT 5	Head	HDR8	PHigh Mode A	0	Right Cheek	0	5230	14.0	13.7	0.000	0.000	0.000	0.000	
ANT 5	Head	HDR8	PHigh Mode A	0	Right Tilt	0	5230	14.0	13.7	0.000	0.000	0.000	0.000	
ANT 5	Body & Hotspot	HDR8	PHigh Mode B	5	Back	0	5230	14.0	13.7	0.096	0.104	0.020	0.022	
ANT 5	Body & Hotspot	HDR8	PHigh Mode B	5	Front	0	5230	14.0	13.7	0.011	0.012	0.002	0.002	
ANT 5	Hotspot	HDR8	PHigh Mode B	5	Edge Bottom	0	5230	14.0	13.7	0.002	0.002	0.000	0.000	
ANT 5	Hotspot	HDR8	PHigh Mode B	5	Edge Left	0	5230	14.0	13.7	0.060	0.065	0.016	0.017	
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	HDR8	PHigh Mode A	0	Left Cheek	0	5230	14.0	14.0	0.043	0.043	0.004	0.004	
ANT 6	Head	HDR8	PHigh Mode A	0	Left Tilt	0	5230	14.0	14.0	0.038	0.038	0.002	0.002	
ANT 6	Head	HDR8	PHigh Mode A	0	Right Cheek	0	5230	14.0	14.0	0.157	0.157	0.050	0.050	
ANT 6	Head	HDR8	PHigh Mode A	0	Right Tilt	0	5230	14.0	14.0	0.092	0.092	0.019	0.019	
ANT 6	Body & Hotspot	HDR8	PHigh Mode B	5	Back	0	5230	14.0	14.0	0.277	0.277	0.092	0.092	
ANT 6	Body & Hotspot	HDR8	PHigh Mode B	5	Front	0	5230	14.0	14.0	0.029	0.029	0.004	0.004	
ANT 6	Hotspot	HDR8	PHigh Mode B	5	Edge Top	0	5230	14.0	14.0	0.039	0.039	0.003	0.003	
ANT 6	Hotspot	HDR8	PHigh Mode B	5	Edge Left	0	5230	14.0	14.0	0.107	0.107	0.023	0.023	

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	HDR8	PMid Mode A	0	Left Cheek	0	5230	14.0	13.7	0.000	0.000	0.000	0.000	
ANT 5	Head	HDR8	PMid Mode A	0	Left Tilt	0	5230	14.0	13.7	0.000	0.000	0.000	0.000	
ANT 5	Head	HDR8	PMid Mode A	0	Right Cheek	0	5230	14.0	13.7	0.000	0.000	0.000	0.000	
ANT 5	Head	HDR8	PMid Mode A	0	Right Tilt	0	5230	14.0	13.7	0.000	0.000	0.000	0.000	
ANT 5	Body & Hotspot	GFSK (BDR)	PMid Mode B	5	Back	0	5230	8.5	8.5	0.010	0.010	0.000	0.000	
ANT 5	Body & Hotspot	GFSK (BDR)	PMid Mode B	5	Front	0	5230	8.5	8.5	0.000	0.000	0.000	0.000	
ANT 5	Hotspot	GFSK (BDR)	PMid Mode B	5	Edge Bottom	0	5230	8.5	8.5	0.000	0.000	0.000	0.000	
ANT 5	Hotspot	GFSK (BDR)	PMid Mode B	5	Edge Left	0	5230	8.5	8.5	0.007	0.007	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	GFSK (BDR)	PMid Mode A	0	Left Cheek	0	5230	9.5	9.0	0.015	0.017	0.001	0.001	
ANT 6	Head	GFSK (BDR)	PMid Mode A	0	Left Tilt	0	5230	9.5	9.0	0.014	0.016	0.002	0.002	
ANT 6	Head	GFSK (BDR)	PMid Mode A	0	Right Cheek	0	5230	9.5	9.0	0.040	0.045	0.011	0.012	
ANT 6	Head	GFSK (BDR)	PMid Mode A	0	Right Tilt	0	5230	9.5	9.0	0.036	0.040	0.009	0.010	
ANT 6	Body & Hotspot	GFSK (BDR)	PMid Mode B	5	Back	0	5230	9.0	9.0	0.074	0.074	0.022	0.022	
ANT 6	Body & Hotspot	GFSK (BDR)	PMid Mode B	5	Front	0	5230	9.0	9.0	0.016	0.016	0.004	0.004	
ANT 6	Hotspot	GFSK (BDR)	PMid Mode B	5	Edge Top	0	5230	9.0	9.0	0.014	0.014	0.003	0.003	
ANT 6	Hotspot	GFSK (BDR)	PMid Mode B	5	Edge Left	0	5230	9.0	9.0	0.033	0.033	0.009	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 5	Head	GFSK (BDR)	PLow Mode A	0	Left Cheek	0	5230	6.0	5.3	0.000	0.000	0.000	0.000	
ANT 5	Head	GFSK (BDR)	PLow Mode A	0	Left Tilt	0	5230	6.0	5.3	0.000	0.000	0.000	0.000	
ANT 5	Head	GFSK (BDR)	PLow Mode A	0	Right Cheek	0	5230	6.0	5.3	0.000	0.000	0.000	0.000	
ANT 5	Head	GFSK (BDR)	PLow Mode A	0	Right Tilt	0	5230	6.0	5.3	0.000	0.000	0.000	0.000	
ANT 5	Body & Hotspot	GFSK (BDR)	PLow Mode B	5	Back	0	5230	6.0	5.3	0.000	0.000	0.000	0.000	
ANT 5	Body & Hotspot	GFSK (BDR)	PLow Mode B	5	Front	0	5230	6.0	5.3	0.000	0.000	0.000	0.000	
ANT 5	Hotspot	GFSK (BDR)	PLow Mode B	5	Edge Bottom	0	5230	6.0	5.3	0.000	0.000	0.000	0.000	
ANT 5	Hotspot	GFSK (BDR)	PLow Mode B	5	Edge Left	0	5230	6.0	5.3	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 6	Head	GFSK (BDR)	PLow Mode A	0	Left Cheek	0	5230	5.0	4.9	0.000	0.000	0.000	0.000	
ANT 6	Head	GFSK (BDR)	PLow Mode A	0	Left Tilt	0	5230	5.0	4.9	0.005	0.005	0.000	0.000	
ANT 6	Head	GFSK (BDR)	PLow Mode A	0	Right Cheek	0	5230	5.0	4.9	0.007	0.007	0.000	0.000	
ANT 6	Head	GFSK (BDR)	PLow Mode A	0	Right Tilt	0	5230	5.0	4.9	0.009	0.009	0.000	0.000	
ANT 6	Body & Hotspot	GFSK (BDR)	PLow Mode B	5	Back	0	5230	5.0	4.9	0.031	0.032	0.005	0.005	
ANT 6	Body & Hotspot	GFSK (BDR)	PLow Mode B	5	Front	0	5230	5.0	4.9	0.000	0.000	0.000	0.000	
ANT 6	Hotspot	GFSK (BDR)	PLow Mode B	5	Edge Top	0	5230	5.0	4.9	0.000	0.000	0.000	0.000	
ANT 6	Hotspot	GFSK (BDR)	PLow Mode B	5	Edge Left	0	5230	5.0	4.9	0.004	0.004	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	19.5	19.3	0.007	0.007	0.000	0.000	
ANT 5	Head	GFSK (BDR)	PStandalone Mode A	0	Left Tilt	0	5788	19.5	19.3	0.001	0.001	0.000	0.000	
ANT 5	Head	GFSK (BDR)	PStandalone Mode A	0	Right Cheek	0	5788	19.5	19.3	0.055	0.058	0.005	0.005	
ANT 5	Head	GFSK (BDR)	PStandalone Mode A	0	Right Tilt	0	5788	19.5	19.3	0.003	0.003	0.000	0.000	
ANT 5	Body & Hotspot	GFSK (BDR)	PStandalone Mode B	5	Back	0	5733	19.5	19.5	0.914	0.914	0.271	0.271	
ANT 5	Body & Hotspot	GFSK (BDR)	PStandalone Mode B	5	Back	0	5788	19.5	19.3	1.050	1.099	0.294	0.308	124
ANT 5	Body & Hotspot	GFSK (BDR)	PStandalone Mode B	5	Back	0	5844	19.5	19.5	0.986	0.986	0.289	0.289	
ANT 5	Body & Hotspot	GFSK (BDR)	PStandalone Mode B	5	Front	0	5788	19.5	19.3	0.071	0.074	0.016	0.017	
ANT 5	Hotspot	GFSK (BDR)	PStandalone Mode B	5	Edge Bottom	0	5788	19.5	19.3	0.072	0.075	0.025	0.026	
ANT 5	Hotspot	GFSK (BDR)	PStandalone Mode B	5	Edge Left	0	5788	19.5	19.3	0.386	0.404	0.130	0.136	
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	20.0	19.7	0.170	0.182	0.048	0.051	
ANT 6	Head	GFSK (BDR)	PStandalone Mode A	0	Left Tilt	0	5788	20.0	19.7	0.180	0.193	0.054	0.058	
ANT 6	Head	GFSK (BDR)	PStandalone Mode A	0	Right Cheek	0	5788	20.0	19.7	0.468	0.501	0.146	0.156	
ANT 6	Head	GFSK (BDR)	PStandalone Mode A	0	Right Tilt	0	5788	20.0	19.7	0.506	0.542	0.157	0.168	125
ANT 6	Body & Hotspot	GFSK (BDR)	PStandalone Mode B	5	Back	0	5788	18.5	18.3	0.587	0.615	0.147	0.154	
ANT 6	Body & Hotspot	GFSK (BDR)	PStandalone Mode B	5	Front	0	5788	18.5	18.3	0.148	0.155	0.047	0.049	
ANT 6	Hotspot	GFSK (BDR)	PStandalone Mode B	5	Edge Top	0	5788	18.5	18.3	0.110	0.115	0.040	0.042	
ANT 6	Hotspot	GFSK (BDR)	PStandalone Mode B	5	Edge Left	0	5788	18.5	18.3	0.400	0.419	0.112	0.117	126
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	Body & Hotspot	GFSK (BDR)	PHigh Mode B	5	Back	0	5788	16.0	15.8	0.377	0.395	0.101	0.106	
ANT 5	Body & Hotspot	GFSK (BDR)	PHigh Mode B	5	Front	0	5788	16.0	15.8	0.019	0.020	0.001	0.001	
ANT 5	Hotspot	GFSK (BDR)	PHigh Mode B	5	Edge Bottom	0	5788	16.0	15.8	0.021	0.022	0.004	0.004	
ANT 5	Hotspot	GFSK (BDR)	PHigh Mode B	5	Edge Left	0	5788	16.0	15.8	0.151	0.158	0.045	0.047	
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	18.0	17.5	0.099	0.111	0.022	0.025	
ANT 6	Head	GFSK (BDR)	PHigh Mode A	0	Left Tilt	0	5788	18.0	17.5	0.096	0.108	0.027	0.030	
ANT 6	Head	GFSK (BDR)	PHigh Mode A	0	Right Cheek	0	5788	18.0	17.5	0.245	0.275	0.074	0.083	
ANT 6	Head	GFSK (BDR)	PHigh Mode A	0	Right Tilt	0	5788	18.0	17.5	0.205	0.230	0.054	0.061	
ANT 6	Body & Hotspot	GFSK (BDR)	PHigh Mode B	5	Back	0	5788	13.5	13.1	0.155	0.171	0.032	0.035	
ANT 6	Body & Hotspot	GFSK (BDR)	PHigh Mode B	5	Front	0	5788	13.5	13.1	0.029	0.032	0.004	0.004	
ANT 6	Hotspot	GFSK (BDR)	PHigh Mode B	5	Edge Top	0	5788	13.5	13.1	0.018	0.020	0.001	0.001	
ANT 6	Hotspot	GFSK (BDR)	PHigh Mode B	5	Edge Left	0	5788	13.5	13.1	0.096	0.106	0.023	0.025	

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	15.0	14.1	0.005	0.006	0.000	0.000	
ANT 5	Head	GFSK (BDR)	PMid Mode A	0	Left Tilt	0	5788	15.0	14.1	0.000	0.000	0.000	0.000	
ANT 5	Head	GFSK (BDR)	PMid Mode A	0	Right Cheek	0	5788	15.0	14.1	0.000	0.000	0.000	0.000	
ANT 5	Head	GFSK (BDR)	PMid Mode A	0	Right Tilt	0	5788	15.0	14.1	0.000	0.000	0.000	0.000	
ANT 5	Body & Hotspot	GFSK (BDR)	PMid Mode B	5	Back	0	5788	10.0	9.0	0.073	0.092	0.720	0.906	
ANT 5	Body & Hotspot	GFSK (BDR)	PMid Mode B	5	Front	0	5788	10.0	9.0	0.001	0.001	0.001	0.001	
ANT 5	Hotspot	GFSK (BDR)	PMid Mode B	5	Edge Bottom	0	5788	10.0	9.0	0.001	0.001	0.001	0.001	
ANT 5	Hotspot	GFSK (BDR)	PMid Mode B	5	Edge Left	0	5788	10.0	9.0	0.029	0.037	0.004	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 6	Head	GFSK (BDR)	PMid Mode A	0	Left Cheek	0	5788	12.0	12.0	0.019	0.019	0.001	0.001	
ANT 6	Head	GFSK (BDR)	PMid Mode A	0	Left Tilt	0	5788	12.0	12.0	0.017	0.017	0.001	0.001	
ANT 6	Head	GFSK (BDR)	PMid Mode A	0	Right Cheek	0	5788	12.0	12.0	0.073	0.073	0.015	0.015	
ANT 6	Head	GFSK (BDR)	PMid Mode A	0	Right Tilt	0	5788	12.0	12.0	0.028	0.028	0.002	0.002	
ANT 6	Body & Hotspot	GFSK (BDR)	PMid Mode B	5	Back	0	5788	7.5	7.1	0.031	0.034	0.003	0.003	
ANT 6	Body & Hotspot	GFSK (BDR)	PMid Mode B	5	Front	0	5788	7.5	7.1	0.003	0.003	0.001	0.001	
ANT 6	Hotspot	GFSK (BDR)	PMid Mode B	5	Edge Top	0	5788	7.5	7.1	0.001	0.001	0.001	0.001	
ANT 6	Hotspot	GFSK (BDR)	PMid Mode B	5	Edge Left	0	5788	7.5	7.1	0.025	0.027	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 5	Head	GFSK (BDR)	PLow Mode A	0	Left Cheek	0	5788	6.5	5.7	0.000	0.000	0.000	0.000	
ANT 5	Head	GFSK (BDR)	PLow Mode A	0	Left Tilt	0	5788	6.5	5.7	0.000	0.000	0.000	0.000	
ANT 5	Head	GFSK (BDR)	PLow Mode A	0	Right Cheek	0	5788	6.5	5.7	0.000	0.000	0.000	0.000	
ANT 5	Head	GFSK (BDR)	PLow Mode A	0	Right Tilt	0	5788	6.5	5.7	0.000	0.000	0.000	0.000	
ANT 5	Body & Hotspot	GFSK (BDR)	PLow Mode B	5	Back	0	5788	6.5	5.7	0.043	0.052	0.008	0.010	
ANT 5	Body & Hotspot	GFSK (BDR)	PLow Mode B	5	Front	0	5788	6.5	5.7	0.001	0.001	0.001	0.001	
ANT 5	Hotspot	GFSK (BDR)	PLow Mode B	5	Edge Bottom	0	5788	6.5	5.7	0.001	0.001	0.001	0.001	
ANT 5	Hotspot	GFSK (BDR)	PLow Mode B	5	Edge Left	0	5788	6.5	5.7	0.006	0.007	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 6	Head	GFSK (BDR)	PLow Mode A	0	Left Cheek	0	5788	5.0	4.7	0.000	0.000	0.000	0.000	
ANT 6	Head	GFSK (BDR)	PLow Mode A	0	Left Tilt	0	5788	5.0	4.7	0.005	0.005	0.001	0.001	
ANT 6	Head	GFSK (BDR)	PLow Mode A	0	Right Cheek	0	5788	5.0	4.7	0.009	0.010	0.000	0.000	
ANT 6	Head	GFSK (BDR)	PLow Mode A	0	Right Tilt	0	5788	5.0	4.7	0.003	0.003	0.000	0.000	
ANT 6	Body & Hotspot	GFSK (BDR)	PLow Mode B	5	Back	0	5788	5.0	4.7	0.022	0.024	0.001	0.001	
ANT 6	Body & Hotspot	GFSK (BDR)	PLow Mode B	5	Front	0	5788	5.0	4.7	0.000	0.000	0.000	0.000	
ANT 6	Hotspot	GFSK (BDR)	PLow Mode B	5	Edge Top	0	5788	5.0	4.7	0.000	0.000	0.000	0.000	
ANT 6	Hotspot	GFSK (BDR)	PLow Mode B	5	Edge Left	0	5788	5.0	4.7	0.012	0.013	0.000	0.000	

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)	Duty Cycle (%)	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	262391	1617.6	100.00%	20.0	20.0	0.596	0.596	0.306	0.306	127
ANT 1	Body & Hotspot	1-PRB SC-FDMA	Mode B	5	Front	262391	1617.6	100.00%	20.0	20.0	0.462	0.462	0.239	0.239	
ANT 1	Hotspot	1-PRB SC-FDMA	Mode B	5	Edge Right	262391	1617.6	100.00%	20.0	20.0	0.197	0.197	0.095	0.095	
ANT 1	Hotspot	1-PRB SC-FDMA	Mode B	5	Edge Bottom	262316	1610.1	100.00%	20.0	19.9	0.682	0.698	0.336	0.344	
ANT 1	Hotspot	1-PRB SC-FDMA	Mode B	5	Edge Bottom	262391	1617.6	100.00%	20.0	20.0	0.737	0.737	0.358	0.358	
ANT 1	Hotspot	1-PRB SC-FDMA	Mode B	5	Edge Bottom	262466	1625.1	100.00%	20.0	20.0	0.689	0.689	0.341	0.341	
ANT 1	Hotspot	1-PRB SC-FDMA	Mode B	5	Edge Left	262391	1617.6	100.00%	20.0	20.0	0.053	0.053	0.025	0.025	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Duty Cycle (%)	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	262391	1617.6	100.00%	21.5	21.3	0.487	0.510	0.266	0.279	
ANT 4	Body & Hotspot	1-PRB SC-FDMA	Mode B	5	Front	262391	1617.6	100.00%	21.5	21.3	0.244	0.255	0.140	0.147	
ANT 4	Hotspot	1-PRB SC-FDMA	Mode B	5	Edge Right	262316	1610.1	100.00%	21.5	21.3	0.650	0.681	0.337	0.353	
ANT 4	Hotspot	1-PRB SC-FDMA	Mode B	5	Edge Right	262391	1617.6	100.00%	21.5	21.3	0.667	0.698	0.345	0.361	
ANT 4	Hotspot	1-PRB SC-FDMA	Mode B	5	Edge Right	262466	1625.1	100.00%	21.5	21.3	0.706	0.739	0.365	0.382	128
ANT 4	Hotspot	1-PRB SC-FDMA	Mode B	5	Edge Top	262391	1617.6	100.00%	21.5	21.3	0.297	0.311	0.145	0.152	

10.43. 802.15.4

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Duty Cycle (%)	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	60.00%	21.0	19.4	0.000	0.000	0.000	0.000	
ANT 3	Head	O-QPSK (802.15.4)	P Standalone Mode A	0	Left Tilt	Mid	2440	60.00%	21.0	19.4	0.000	0.000	0.000	0.000	
ANT 3	Head	O-QPSK (802.15.4)	P Standalone Mode A	0	Right Cheek	Mid	2440	60.00%	21.0	19.4	0.000	0.000	0.000	0.000	
ANT 3	Head	O-QPSK (802.15.4)	P Standalone Mode A	0	Right Tilt	Mid	2440	60.00%	21.0	19.4	0.000	0.000	0.000	0.000	
ANT 3	Body & Hotspot	O-QPSK (802.15.4)	P Standalone Mode B	5	Back	Mid	2440	60.00%	21.0	19.4	0.013	0.011	0.005	0.003	
ANT 3	Body & Hotspot	O-QPSK (802.15.4)	P Standalone Mode B	5	Front	Mid	2440	60.00%	21.0	19.4	0.006	0.005	0.002	0.001	
ANT 3	Hotspot	O-QPSK (802.15.4)	P Standalone Mode B	5	Edge Bottom	Mid	2440	60.00%	21.0	19.4	0.000	0.000	0.000	0.000	
ANT 3	Hotspot	O-QPSK (802.15.4)	P Standalone Mode B	5	Edge Left	Mid	2440	60.00%	21.0	19.4	0.009	0.008	0.004	0.003	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Duty Cycle (%)	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	60.00%	21.0	19.6	0.402	0.337	0.165	0.110	129
ANT 4	Head	O-QPSK (802.15.4)	P Standalone Mode A	0	Left Tilt	Mid	2440	60.00%	21.0	19.6	0.092	0.077	0.046	0.031	
ANT 4	Head	O-QPSK (802.15.4)	P Standalone Mode A	0	Right Cheek	Mid	2440	60.00%	21.0	19.6	0.082	0.069	0.043	0.029	
ANT 4	Head	O-QPSK (802.15.4)	P Standalone Mode A	0	Right Tilt	Mid	2440	60.00%	21.0	19.6	0.027	0.023	0.014	0.009	
ANT 4	Body & Hotspot	O-QPSK (802.15.4)	P Standalone Mode B	5	Back	Mid	2440	60.00%	21.0	19.6	0.401	0.336	0.166	0.110	130
ANT 4	Body & Hotspot	O-QPSK (802.15.4)	P Standalone Mode B	5	Front	Mid	2440	60.00%	21.0	19.6	0.157	0.132	0.070	0.047	
ANT 4	Hotspot	O-QPSK (802.15.4)	P Standalone Mode B	5	Edge Top	Mid	2440	60.00%	21.0	19.6	0.028	0.023	0.012	0.008	
ANT 4	Hotspot	O-QPSK (802.15.4)	P Standalone Mode B	5	Edge Right	Mid	2440	60.00%	21.0	19.6	0.358	0.300	0.150	0.100	131
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Duty Cycle (%)	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	60.00%	20.0	19.4	0.000	0.000	0.000	0.000	
ANT 3	Head	O-QPSK (802.15.4)	P High Mode A	0	Left Tilt	Mid	2440	60.00%	20.0	19.4	0.000	0.000	0.000	0.000	
ANT 3	Head	O-QPSK (802.15.4)	P High Mode A	0	Right Cheek	Mid	2440	60.00%	20.0	19.4	0.000	0.000	0.000	0.000	
ANT 3	Head	O-QPSK (802.15.4)	P High Mode A	0	Right Tilt	Mid	2440	60.00%	20.0	19.4	0.000	0.000	0.000	0.000	
ANT 3	Body & Hotspot	O-QPSK (802.15.4)	P High Mode B	5	Back	Mid	2440	60.00%	19.0	18.3	0.011	0.008	0.004	0.003	
ANT 3	Body & Hotspot	O-QPSK (802.15.4)	P High Mode B	5	Front	Mid	2440	60.00%	19.0	18.3	0.005	0.004	0.002	0.001	
ANT 3	Hotspot	O-QPSK (802.15.4)	P High Mode B	5	Edge Bottom	Mid	2440	60.00%	19.0	18.3	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	60.00%	19.0	18.3	0.004	0.003	0.002	0.001	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Duty Cycle (%)	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	60.00%	20.0	19.6	0.402	0.268	0.165	0.110	
ANT 4	Head	O-QPSK (802.15.4)	P High Mode A	0	Left Tilt	Mid	2440	60.00%	20.0	19.6	0.092	0.061	0.046	0.031	
ANT 4	Head	O-QPSK (802.15.4)	P High Mode A	0	Right Cheek	Mid	2440	60.00%	20.0	19.6	0.082	0.055	0.043	0.029	
ANT 4	Head	O-QPSK (802.15.4)	P High Mode A	0	Right Tilt	Mid	2440	60.00%	20.0	19.6	0.027	0.018	0.014	0.009	
ANT 4	Body & Hotspot	O-QPSK (802.15.4)	P High Mode B	5	Back	Mid	2440	60.00%	19.0	18.4	0.295	0.202	0.123	0.084	
ANT 4	Body & Hotspot	O-QPSK (802.15.4)	P High Mode B	5	Front	Mid	2440	60.00%	19.0	18.4	0.119	0.082	0.053	0.036	
ANT 4	Hotspot	O-QPSK (802.15.4)	P High Mode B	5	Edge Top	Mid	2440	60.00%	19.0	18.4	0.019	0.013	0.007	0.005	
ANT 4	Hotspot	O-QPSK (802.15.4)	P High Mode B	5	Edge Right	Mid	2440	60.00%	19.0	18.4	0.303	0.208	0.126	0.086	

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Duty Cycle (%)	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	60.00%	16.0	15.8	0.001	0.001	0.000	0.000	
ANT 3	Head	O-QPSK (802.15.4)	P Mid Mode A	0	Left Tilt	Mid	2440	60.00%	16.0	15.8	0.001	0.001	0.000	0.000	
ANT 3	Head	O-QPSK (802.15.4)	P Mid Mode A	0	Right Cheek	Mid	2440	60.00%	16.0	15.8	0.001	0.001	0.000	0.000	
ANT 3	Head	O-QPSK (802.15.4)	P Mid Mode A	0	Right Tilt	Mid	2440	60.00%	16.0	15.8	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	60.00%	13.0	12.6	0.003	0.002	0.000	0.000	
ANT 3	Body & Hotspot	O-QPSK (802.15.4)	P Mid Mode B	5	Front	Mid	2440	60.00%	13.0	12.6	0.001	0.001	0.000	0.000	
ANT 3	Hotspot	O-QPSK (802.15.4)	P Mid Mode B	5	Edge Bottom	Mid	2440	60.00%	13.0	12.6	0.001	0.001	0.000	0.000	
ANT 3	Hotspot	O-QPSK (802.15.4)	P Mid Mode B	5	Edge Left	Mid	2440	60.00%	13.0	12.6	0.001	0.001	0.000	0.000	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Duty Cycle (%)	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	60.00%	14.0	14.0	0.024	0.014	0.009	0.005	
ANT 4	Head	O-QPSK (802.15.4)	P Mid Mode A	0	Left Tilt	Mid	2440	60.00%	14.0	14.0	0.004	0.002	0.001	0.001	
ANT 4	Head	O-QPSK (802.15.4)	P Mid Mode A	0	Right Cheek	Mid	2440	60.00%	14.0	14.0	0.006	0.004	0.002	0.001	
ANT 4	Head	O-QPSK (802.15.4)	P Mid Mode A	0	Right Tilt	Mid	2440	60.00%	14.0	14.0	0.001	0.001	0.000	0.000	
ANT 4	Body & Hotspot	O-QPSK (802.15.4)	P Mid Mode B	5	Back	Mid	2440	60.00%	13.0	12.9	0.030	0.018	0.012	0.007	
ANT 4	Body & Hotspot	O-QPSK (802.15.4)	P Mid Mode B	5	Front	Mid	2440	60.00%	13.0	12.9	0.012	0.007	0.004	0.002	
ANT 4	Hotspot	O-QPSK (802.15.4)	P Mid Mode B	5	Edge Top	Mid	2440	60.00%	13.0	12.9	0.000	0.000	0.000	0.000	
ANT 4	Hotspot	O-QPSK (802.15.4)	P Mid Mode B	5	Edge Right	Mid	2440	60.00%	13.0	12.9	0.027	0.017	0.010	0.006	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Duty Cycle (%)	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)	PLow Mode A	0	Left Cheek	Mid	2440	60.00%	12.5	12.2	0.001	0.001	0.000	0.000	
ANT 3	Head	O-QPSK (802.15.4)	PLow Mode A	0	Left Tilt	Mid	2440	60.00%	12.5	12.2	0.001	0.001	0.000	0.000	
ANT 3	Head	O-QPSK (802.15.4)	PLow Mode A	0	Right Cheek	Mid	2440	60.00%	12.5	12.2	0.001	0.001	0.000	0.000	
ANT 3	Head	O-QPSK (802.15.4)	PLow Mode A	0	Right Tilt	Mid	2440	60.00%	12.5	12.2	0.001	0.001	0.000	0.000	
ANT 3	Body & Hotspot	O-QPSK (802.15.4)	PLow Mode B	5	Back	Mid	2440	60.00%	12.5	12.2	0.001	0.001	0.000	0.000	
ANT 3	Body & Hotspot	O-QPSK (802.15.4)	PLow Mode B	5	Front	Mid	2440	60.00%	12.5	12.2	0.001	0.001	0.000	0.000	
ANT 3	Hotspot	O-QPSK (802.15.4)	PLow Mode B	5	Edge Bottom	Mid	2440	60.00%	12.5	12.2	0.001	0.001	0.000	0.000	
ANT 3	Hotspot	O-QPSK (802.15.4)	PLow Mode B	5	Edge Left	Mid	2440	60.00%	12.5	12.2	0.001	0.001	0.000	0.000	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Duty Cycle (%)	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)	PLow Mode A	0	Left Cheek	Mid	2440	60.00%	11.0	9.7	0.023	0.019	0.009	0.007	
ANT 4	Head	O-QPSK (802.15.4)	PLow Mode A	0	Left Tilt	Mid	2440	60.00%	11.0	9.7	0.004	0.003	0.002	0.002	
ANT 4	Head	O-QPSK (802.15.4)	PLow Mode A	0	Right Cheek	Mid	2440	60.00%	11.0	9.7	0.005	0.004	0.002	0.002	
ANT 4	Head	O-QPSK (802.15.4)	PLow Mode A	0	Right Tilt	Mid	2440	60.00%	11.0	9.7	0.001	0.001	0.000	0.000	
ANT 4	Body & Hotspot	O-QPSK (802.15.4)	PLow Mode B	5	Back	Mid	2440	60.00%	11.0	9.7	0.027	0.022	0.011	0.009	
ANT 4	Body & Hotspot	O-QPSK (802.15.4)	PLow Mode B	5	Front	Mid	2440	60.00%	11.0	9.7	0.011	0.009	0.004	0.003	
ANT 4	Hotspot	O-QPSK (802.15.4)	PLow Mode B	5	Edge Top	Mid	2440	60.00%	11.0	9.7	0.001	0.001	0.000	0.000	
ANT 4	Hotspot	O-QPSK (802.15.4)	PLow Mode B	5	Edge Right	Mid	2440	60.00%	11.0	9.7	0.030	0.024	0.011	0.009	

Notes:

SAR Testing was performed at 100% Duty Cycle. Reported SAR is scaled down to 60% Duty Cycle to match actual transmission.

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	20.0	19.9	0.000	0.000	0.000	0.000	
ANT 5	Head	O-QPSK (802.15.4ab)	Mode A	0	Left Tilt	Mid	5786.25	20.0	19.9	0.000	0.000	0.000	0.000	
ANT 5	Head	O-QPSK (802.15.4ab)	Mode A	0	Right Cheek	Mid	5786.25	20.0	19.9	0.000	0.000	0.000	0.000	
ANT 5	Head	O-QPSK (802.15.4ab)	Mode A	0	Right Tilt	Mid	5786.25	20.0	19.9	0.000	0.000	0.000	0.000	
ANT 5	Body & Hotspot	O-QPSK (802.15.4ab)	Mode B	5	Back	Mid	5786.25	18.5	18.0	0.066	0.075	0.019	0.022	132
ANT 5	Body & Hotspot	O-QPSK (802.15.4ab)	Mode B	5	Front	Mid	5786.25	18.5	18.0	0.000	0.000	0.000	0.000	
ANT 5	Hotspot	O-QPSK (802.15.4ab)	Mode B	5	Edge Bottom	Mid	5786.25	18.5	18.0	0.000	0.000	0.000	0.000	
ANT 5	Hotspot	O-QPSK (802.15.4ab)	Mode B	5	Edge Left	Mid	5786.25	18.5	18.0	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 6	Head	O-QPSK (802.15.4ab)	Mode A	0	Left Cheek	Mid	5786.25	18.5	17.5	0.005	0.006	0.000	0.000	
ANT 6	Head	O-QPSK (802.15.4ab)	Mode A	0	Left Tilt	Mid	5786.25	18.5	17.5	0.005	0.006	0.000	0.000	
ANT 6	Head	O-QPSK (802.15.4ab)	Mode A	0	Right Cheek	Mid	5786.25	18.5	17.5	0.026	0.034	0.005	0.007	133
ANT 6	Head	O-QPSK (802.15.4ab)	Mode A	0	Right Tilt	Mid	5786.25	18.5	17.5	0.011	0.014	0.001	0.001	
ANT 6	Body & Hotspot	O-QPSK (802.15.4ab)	Mode B	5	Back	Mid	5786.25	19.0	18.3	0.027	0.032	0.004	0.005	
ANT 6	Body & Hotspot	O-QPSK (802.15.4ab)	Mode B	5	Front	Mid	5786.25	19.0	18.3	0.007	0.008	0.002	0.002	
ANT 6	Hotspot	O-QPSK (802.15.4ab)	Mode B	5	Edge Top	Mid	5786.25	19.0	18.3	0.003	0.004	0.000	0.000	134
ANT 6	Hotspot	O-QPSK (802.15.4ab)	Mode B	5	Edge Left	Mid	5786.25	19.0	18.3	0.003	0.004	0.000	0.000	

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	0.005	0.002	
				Front	13.56	0.008	0.003	
				Edge Top	13.56	0.016	0.005	135
				Edge Left	13.56	0.003	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	Duty Cycle (%)	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.
LTE	14	2	Body & Hotspot	QPSK	Max Output Power	25	Back	23330	793.0	1	25		24.7	23.7	0.115	0.145	0.089	0.112	136
NR	n77 PC3 Block A	9	Body & Hotspot	OFDM 1/2 BPSK	Max Output Power	25	Back	633332	3499.98	1	136		25.7	25.1	0.277	0.318	0.139	0.160	137
MSS	L-Band	1	Hotspot	OFDM 1/2 BPSK	Max Output Power	25	Bottom	262391	1617.6			100%	28.0	27.9	0.419	0.429	0.266	0.272	138

11. SAR Measurement Variability

In accordance with published RF Exposure KDB 865664 D01 SAR measurement 100 MHz to 6 GHz. These additional measurements are repeated after the completion of all measurements requiring the same head or body tissue-equivalent medium in a frequency band. The test device should be returned to ambient conditions (normal room temperature) with the battery fully charged before it is re-mounted on the device holder for the repeated measurement(s) to minimize any unexpected variations in the repeated results.

- 1) Repeated measurement is not required when the original highest measured SAR is < 0.8 or 2 W/kg (1-g or 10-g respectively); steps 2) through 4) do not apply.
- 2) When the original highest measured SAR is ≥ 0.8 or 2 W/kg (1-g or 10-g respectively), repeat that measurement once.
- 3) Perform a second repeated measurement only if the **ratio of largest to smallest SAR** for the original and first repeated measurements is > 1.20 or when the original or repeated measurement is ≥ 1.45 or 3.6 W/kg ($\sim 10\%$ from the 1-g or 10-g respective SAR limit).
- 4) Perform a third repeated measurement only if the original, first, or second repeated measurement is ≥ 1.5 or 3.75 W/kg (1-g or 10-g respectively) and the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20 .

Frequency Band (MHz)	Air Interface	RF Exposure Conditions	Test Position	Repeated SAR (Yes/No)	Highest Measured SAR (W/kg)	First Repeated		Second Repeated		Third Repeated
						Measured SAR (W/kg)	Largest to Smallest SAR Ratio	Measured SAR (W/kg)	Largest to Smallest SAR Ratio	Measured SAR (W/kg)
850	WCDMA Band V	Body & Hotspot	Back	Yes	0.825	0.765	1.08	N/A	N/A	N/A
1700	FR1 n70	Head	Right Tilt	Yes	0.908	0.866	1.05	N/A	N/A	N/A
1900	WCDMA Band II	Hotspot	Edge Top	Yes	0.903	0.875	1.03	N/A	N/A	N/A
2300	LTE Band 30	Hotspot	Edge Left	Yes	0.896	0.822	1.09	N/A	N/A	N/A
2400	Wi-Fi 802.11b/g/n	Hotspot	Edge Right	Yes	0.961	0.946	1.02	N/A	N/A	N/A
2500	LTE Band 7	Hotspot	Edge Right	No	0.926	0.902	1.03	N/A	N/A	N/A
2600	LTE Band 41	Hotspot	Edge Right	Yes	0.898	0.805	1.12	N/A	N/A	N/A
3600	LTE Band 48	Body & Hotspot	Back	Yes	0.919	0.832	1.10	N/A	N/A	N/A
5300	Wi-Fi 802.11a/n/ac	Head	Right Cheek	Yes	0.840	0.764	1.10	N/A	N/A	N/A
5500	Wi-Fi 802.11a/n/ac	Body & Hotspot	Back	Yes	0.906	0.903	1.00	N/A	N/A	N/A
5800	NB U-NII 3	Body & Hotspot	Back	Yes	1.050	1.01	1.04	N/A	N/A	N/A

Note(s):

Repeated measurement is not required since the original highest measured SAR is $< 0.8 \text{ W/kg}$ (1-g) or 2 W/kg (10-g) .

12. Simultaneous Transmission Conditions

KDB 447498 D01 General RF Exposure Guidance provides two procedures for determining simultaneous transmission SAR test exclusion: Sum of SAR and SAR to Peak Location Ratio (SPLSR)

Sum of SAR

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

SAR to Peak Location Ratio (SPLSR)

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

$$SPLSR = (SAR_1 + SAR_2)^{1.5} / Ri$$

Where:

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

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

Ri is the separation distance between the pair of simultaneous transmitting antennas. When the SAR is measured, for both antennas in the pair, it is determined by the actual x, y and z coordinates in the 1-g SAR for each SAR peak location, based on the extrapolated and interpolated result in the zoom scan measurement, using the formula of $[(x_1 - x_2)^2 + (y_1 - y_2)^2 + (z_1 - z_2)^2]$

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

$$(SAR_1 + SAR_2)^{1.5} / Ri \leq 0.04$$

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

The antennas in all antenna pairs that do not qualify for simultaneous transmission SAR test exclusion must be tested for SAR compliance, according to the enlarged zoom scan and volume scan post-processing procedures in KDB Publication 865664 D01

Simultaneous transmission SAR measurement

When simultaneous transmission SAR measurements are required in different frequency bands not covered by a single probe calibration point then separate tests for each frequency band are performed. The tests are performed using enlarged zoom scans which are processed, by means of superposition, using the DASY volume scan post-processing procedures to determine the 1-g SAR for the aggregate SAR distribution.

The spatial resolution used for all enlarged zoom scans is the same as used for the most stringent zoom scans. I.E. the scan parameters required for the highest frequency assessed are used for all enlarged zoom scans. The scans cover the complete area of the device to ensure all transmitting antennas and radiating structures are assessed.

DASY provides the ability to perform Multiband Evaluations according to the latest standards using the Volume Scan job as well as appropriate routines for the post-processing.

In order to extract and process measurements within different frequency bands, the SEMCAD X Post-processor performs the combination and subsequent superposition of these measurement data via DASY = Combined MultiBand Averaged SAR.

Combined Multi Band Averaged SAR allows - in addition to the data extraction - an evaluation of the 1 g, 10 g and/or arbitrary averaged mass SAR.

Power Scaling Factor is used to allow the volume scans to be scaled by a value other than "1", this is important when the results need to be scaled to different maximum power levels. The Power Scaling Factor is applied to each

individual point of the scan. When power scaling is used in multi-band combinations the scaling factor is applied to each individual point of the first scan, the second factor is then applied to each individual point of the second scan and so on. The scans are then combined.

Simultaneous transmission SAR Exclusion

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

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

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

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

RF Exposure Condition		Capable Transmit Configurations						Item
Head Body Worn Accessory Hotspot	WWAN & 5G OFF (CELLULAR ANTENNAS OFF)	+	Wi-Fi 2.4 GHz		+	NB UNII (P_{High})		1
		+	Wi-Fi 2.4 GHz		+	NB UNII (P_{Mid})		2
		+	Wi-Fi 2.4 GHz				+ 802.15.4 ab NB	3
		+	Wi-Fi 5 GHz/6E	+	Bluetooth (P_{High})			4
		+	Wi-Fi 5 GHz/6E	+	Bluetooth (P_{Mid})			5
		+	Wi-Fi 5 GHz/6E			+	802.15.4 (P_{High})	6
		+	Wi-Fi 5 GHz/6E			+	802.15.4 (P_{Mid})	7
		+	Wi-Fi 5 GHz/6E				+ 802.15.4 ab NB	8
		+	Wi-Fi 5 GHz/6E	+	Bluetooth (P_{High})		+ 802.15.4 ab NB	9
		+	Wi-Fi 5 GHz/6E	+	Bluetooth (P_{Mid})		+ 802.15.4 ab NB	10
		+	Wi-Fi 5 GHz/6E			+	802.15.4 (P_{High})	11
		+	Wi-Fi 5 GHz/6E			+	802.15.4 (P_{Mid})	12
	WWAN & 5G ON (CELLULAR ANTENNAS ON)	+	Wi-Fi 2.4 GHz					13
				+	Bluetooth (P_{High})			14
					+	NB UNII (P_{High})		15
						+	802.15.4 (P_{High})	16
							+ 802.15.4 ab NB	17
		+	Wi-Fi 2.4 GHz		+	NB UNII (P_{Low})		18
		+	Wi-Fi 2.4 GHz				+ 802.15.4 ab NB	19
				+	Bluetooth (P_{High})		+ 802.15.4 ab NB	20
						+	802.15.4 (P_{High})	21
		+	Wi-Fi 5 GHz/6E					22
		+	Wi-Fi 5 GHz/6E	+	Bluetooth (P_{Low})			23
		+	Wi-Fi 5 GHz/6E			+	802.15.4 (P_{Low})	24
		+	Wi-Fi 5 GHz/6E				+ 802.15.4 ab NB	25
		+	Wi-Fi 5 GHz/6E	+	Bluetooth (P_{Low})		+ 802.15.4 ab NB	26
		+	Wi-Fi 5 GHz/6E			+	802.15.4 (P_{Low})	27

Note(s):

- Wi-Fi 2.4GHz & Bluetooth cannot transmit simultaneously.
- Wi-Fi 2.4GHz & Wi-Fi 5GHz cannot transmit simultaneously.
- NB UNII can only transmit simultaneously with Wi-Fi 2.4GHz.
- 802.15.4ab-NB cannot transmit simultaneously with NB UNII.
- 802.15.4ab-NB cannot transmit simultaneously on ANT 5 and ANT 6.
- Only Wi-Fi 2.4GHz, Wi-Fi 5GHz, Wi-Fi 6E support MIMO transmission.
- Wi-Fi 2.4/5/6E Power State 1: 802.15.4ab-NB OFF | P_{Mid} | CELL OFF
- Wi-Fi 2.4/5/6E Power State 2: 802.15.4ab-NB ON | P_{Mid} | CELL OFF
- Wi-Fi 2.4/5/6E Power State 3: 802.15.4ab-NB OFF | P_{High} | CELL OFF
- Wi-Fi 2.4/5/6E Power State 4: 802.15.4ab-NB OFF | P_{Low} | CELL ON
- Wi-Fi 2.4/5/6E Power State 5: 802.15.4ab-NB ON | P_{High} | CELL OFF
- Wi-Fi 2.4/5/6E Power State 6: 802.15.4ab-NB ON | P_{Low} | CELL ON
- Bluetooth/NB UNII/802.15.4: P_{Low} is used when both Wi-Fi and WWAN antennas are active.
- Bluetooth/NB UNII/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.
- Bluetooth/NB UNII/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.
- Bluetooth/NB UNII/802.15.4: $P_{standalone}$ is used when Wi-Fi and WWAN antennas are inactive.
- Wi-Fi SISO mode SAR result can also represent for MIMO mode SAR and is used for MIMO mode simultaneous transmission analysis because antennas are not overlapping, and the MIMO mode maximum power is equal or less than SISO mode.
- 5G NR only supported NSA mode.
- For EN-DC mode, Qualcomm Smart Transmit algorithm in WWAN adds directly the time-averaged RF exposure from 4G(LTE) and time-averaged RF exposure from 5G NR. Smart Transmit algorithm controls the total RF exposure from both 4G and 5G NR to not exceed FCC limit. Therefore, simultaneous transmission compliance between 4G+5G NR operation is demonstrated in the Part 2 Report during algorithm validation. In Part 1 Report, simultaneous transmission compliance was evaluated individually with other Radios (WLAN or BT) using one of 4G or 5G NR.

12.1. WWAN Cell-off & Wi-Fi 2.4G Power State 1 & NB UNII

RF Exposure conditions	Test Position	Standalone SAR (W/kg)				Σ 1-g SAR (W/kg)			
		1	2	3	4	1+3	1+4	2+3	2+4
		Wi-Fi 2.4G Pstate 1 ANT3	Wi-Fi 2.4G Pstate 1 ANT4	NB UNII (P _{Mid}) ANT5	NB UNII (P _{Mid}) ANT6				
Head	Left Cheek	0.189	1.139	0.022	0.019	0.211	0.208	1.161	1.158
	Left Tilt	0.189	0.282	0.038	0.017	0.227	0.206	0.320	0.299
	Right Cheek	0.189	0.282	0.036	0.073	0.224	0.262	0.317	0.355
	Right Tilt	0.189	0.282	0.004	0.040	0.193	0.229	0.286	0.322
Body-worn & Hotspot	Back	1.116	0.896	0.092	0.074	1.208	1.190	0.988	0.970
	Front	0.511	0.575	0.001	0.016	0.512	0.527	0.576	0.591
Hotspot	Edge Top		0.575		0.014	0.000	0.014	0.575	0.589
	Edge Right		1.118			0.000	0.000	1.118	1.118
	Edge Bottom	0.511		0.001		0.512	0.511	0.001	0.000
	Edge Left	0.987		0.037	0.033	1.024	1.020	0.037	0.033

12.2. WWAN Cell-off & Wi-Fi 5G Power State 1 & BT & 802.15.4

RF Exposure conditions	Test Position	Standalone SAR (W/kg)						Σ 1-g SAR (W/kg)							
		1	2	3	4	5	6	1+3	1+4	2+3	2+4	1+5	1+6	2+5	2+6
		Wi-Fi 5G Pstate 1 ANT5	Wi-Fi 5G Pstate 1 ANT6	BT (P _{Mid}) ANT3	BT (P _{Mid}) ANT4	802.15.4 (P _{Mid}) ANT3	802.15.4 (P _{Mid}) ANT4								
Head	Left Cheek	0.107	0.426	0.042	0.162	0.001	0.014	0.149	0.269	0.468	0.588	0.107	0.121	0.426	0.440
	Left Tilt	0.107	0.426	0.010	0.031	0.001	0.002	0.117	0.138	0.436	0.457	0.107	0.109	0.426	0.428
	Right Cheek	0.107	1.097	0.016	0.032	0.001	0.004	0.123	0.139	1.113	1.129	0.107	0.110	1.097	1.100
	Right Tilt	0.107	0.930	0.013	0.007	0.000	0.001	0.120	0.114	0.943	0.937	0.107	0.107	0.930	0.931
Body-worn & Hotspot	Back	1.159	1.158	0.112	0.127	0.002	0.018	1.271	1.286	1.270	1.285	1.161	1.177	1.160	1.177
	Front	0.148	0.359	0.052	0.054	0.001	0.007	0.200	0.202	0.412	0.413	0.149	0.156	0.360	0.367
Hotspot	Edge Top		0.359		0.001		0.000	0.000	0.001	0.359	0.361	0.000	0.000	0.359	0.359
	Edge Right				0.107		0.017	0.000	0.107	0.000	0.107	0.000	0.017	0.000	0.017
	Edge Bottom	0.148		0.025		0.001		0.173	0.148	0.025	0.000	0.149	0.148	0.001	0.000
	Edge Left	0.571	0.890	0.103		0.001		0.674	0.571	0.993	0.890	0.572	0.571	0.891	0.890

12.3. WWAN Cell-off & Wi-Fi 2.4G Power State 2 & 802.15.4ab NB

RF Exposure conditions	Test Position	Standalone SAR (W/kg)				Σ 1-g SAR (W/kg)			
		1	2	3	4	1+3	1+4	2+3	2+4
		Wi-Fi 2.4G Pstate 2 ANT3	Wi-Fi 2.4G Pstate 2 ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6				
Head	Left Cheek	0.189	1.139	0.000	0.006	0.189	0.195	1.139	1.145
	Left Tilt	0.189	0.282	0.000	0.006	0.189	0.195	0.282	0.288
	Right Cheek	0.189	0.282	0.000	0.034	0.189	0.223	0.282	0.316
	Right Tilt	0.189	0.282	0.000	0.014	0.189	0.203	0.282	0.296
Body-worn & Hotspot	Back	1.116	0.896	0.075	0.032	1.191	1.148	0.971	0.928
	Front	0.511	0.575	0.000	0.008	0.511	0.520	0.575	0.583
Hotspot	Edge Top		0.575		0.004	0.000	0.004	0.575	0.578
	Edge Right		1.118			0.000	0.000	1.118	1.118
	Edge Bottom	0.511		0.000		0.511	0.511	0.000	0.000
	Edge Left	0.987		0.000	0.004	0.987	0.991	0.000	0.004

12.4. WWAN Cell-off & Wi-Fi 5G Power State 2 & BT & 802.15.4ab NB

RF Exposure conditions	Test Position	Standalone SAR (W/kg)						Σ 1-g SAR (W/kg)							
		1	2	3	4	5	6	1+3+5	1+3+6	1+4+5	1+4+6	2+3+5	2+3+6	2+4+5	2+4+6
		Wi-Fi 5G Pstate 2 ANT5	Wi-Fi 5G Pstate 2 ANT6	BT (P _{Mid}) ANT3	BT (P _{Mid}) ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6								
Head	Left Cheek	0.107	0.426	0.042	0.162	0.000	0.006	0.149	0.155	0.269	0.276	0.468	0.474	0.588	0.595
	Left Tilt	0.107	0.426	0.010	0.031	0.000	0.006	0.117	0.123	0.138	0.144	0.436	0.442	0.457	0.463
	Right Cheek	0.107	1.097	0.016	0.032	0.000	0.034	0.123	0.157	0.139	0.173	1.113	1.147	1.129	1.163
	Right Tilt	0.107	0.930	0.013	0.007	0.000	0.014	0.120	0.134	0.114	0.128	0.943	0.957	0.937	0.951
Body-worn & Hotspot	Back	1.159	1.158	0.112	0.127	0.075	0.032	1.346	1.303	1.361	1.318	1.345	1.302	1.360	1.317
	Front	0.148	0.359	0.052	0.054	0.000	0.008	0.201	0.209	0.202	0.211	0.412	0.420	0.414	0.422
Hotspot	Edge Top		0.359		0.001		0.004	0.000	0.004	0.001	0.005	0.359	0.363	0.361	0.364
	Edge Right				0.107			0.000	0.000	0.107	0.107	0.000	0.000	0.107	0.107
	Edge Bottom	0.148		0.025		0.000		0.173	0.173	0.148	0.148	0.025	0.025	0.000	0.000
	Edge Left	0.571	0.890	0.103		0.000	0.004	0.674	0.677	0.571	0.575	0.993	0.996	0.890	0.894

12.5. WWAN Cell-off & Wi-Fi 5G Power State 2 & 802.15.4 & 802.15.4ab NB

RF Exposure conditions	Test Position	Standalone SAR (W/kg)						Σ 1-g SAR (W/kg)							
		1 Wi-Fi 5G Pstate 2 ANT5	2 Wi-Fi 5G Pstate 2 ANT6	3 802.15.4 (P _{High}) ANT3	4 802.15.4 (P _{High}) ANT4	5 802.15.4ab NB ANT5	6 802.15.4ab NB ANT6	1+3+5	1+3+6	1+4+5	1+4+6	2+3+5	2+3+6	2+4+5	2+4+6
Head	Left Cheek	0.107	0.426	0.001	0.014	0.000	0.006	0.107	0.114	0.121	0.128	0.427	0.433	0.440	0.447
	Left Tilt	0.107	0.426	0.001	0.002	0.000	0.006	0.107	0.114	0.109	0.116	0.427	0.433	0.428	0.435
	Right Cheek	0.107	1.097	0.001	0.004	0.000	0.034	0.107	0.142	0.110	0.145	1.097	1.132	1.100	1.135
	Right Tilt	0.107	0.930	0.000	0.001	0.000	0.014	0.107	0.121	0.107	0.121	0.930	0.944	0.931	0.945
Body-worn & Hotspot	Back	1.159	1.158	0.002	0.018	0.075	0.032	1.236	1.193	1.252	1.210	1.235	1.192	1.252	1.209
	Front	0.148	0.359	0.001	0.007	0.000	0.008	0.149	0.157	0.156	0.164	0.360	0.368	0.367	0.375
Hotspot	Edge Top		0.359		0.000		0.004	0.000	0.004	0.000	0.004	0.359	0.363	0.359	0.363
	Edge Right				0.017			0.000	0.000	0.017	0.017	0.000	0.000	0.017	0.017
	Edge Bottom	0.148		0.001		0.000		0.149	0.149	0.148	0.148	0.001	0.001	0.000	0.000
	Edge Left	0.571	0.890	0.001		0.000	0.004	0.572	0.575	0.571	0.575	0.891	0.894	0.890	0.894

12.6. WWAN Cell-off & Wi-Fi 2.4G Power State 3 & NB UNII

RF Exposure conditions	Test Position	Standalone SAR (W/kg)				Σ 1-g SAR (W/kg)			
		1 Wi-Fi 2.4G Pstate 3 ANT3	2 Wi-Fi 2.4G Pstate 3 ANT4	3 NB UNII (P _{High}) ANT5	4 NB UNII (P _{High}) ANT6	1+3	1+4	2+3	2+4
Head	Left Cheek	0.189	1.139	0.022	0.111	0.211	0.300	1.161	1.250
	Left Tilt	0.189	0.282	0.038	0.108	0.227	0.296	0.320	0.389
	Right Cheek	0.189	0.282	0.058	0.275	0.247	0.463	0.340	0.556
	Right Tilt	0.189	0.282	0.004	0.230	0.193	0.419	0.286	0.512
Body-worn & Hotspot	Back	1.116	0.896	0.395	0.171	1.511	1.287	1.291	1.066
	Front	0.511	0.575	0.020	0.032	0.531	0.543	0.595	0.607
Hotspot	Edge Top		0.575		0.020	0.000	0.020	0.575	0.595
	Edge Right		1.118			0.000	0.000	1.118	1.118
	Edge Bottom	0.511		0.022		0.533	0.511	0.022	0.000
	Edge Left	0.987		0.158	0.106	1.145	1.093	0.158	0.106

12.7. WWAN Cell-off & Wi-Fi 5G Power State 3 & BT & 802.15.4

RF Exposure conditions	Test Position	Standalone SAR (W/kg)						Σ 1-g SAR (W/kg)							
		1 Wi-Fi 5G Pstate 3 ANT5	2 Wi-Fi 5G Pstate 3 ANT6	3 BT (P _{High}) ANT3	4 BT (P _{High}) ANT4	5 802.15.4 (P _{High}) ANT5	6 802.15.4 (P _{High}) ANT4	1+3	1+4	2+3	2+4	1+5	1+6	2+5	2+6
Head	Left Cheek	0.107	0.426	0.094	0.339	0.000	0.268	0.201	0.446	0.520	0.785	0.107	0.374	0.426	0.693
	Left Tilt	0.107	0.426	0.036	0.103	0.000	0.061	0.142	0.210	0.461	0.529	0.107	0.168	0.426	0.487
	Right Cheek	0.107	1.097	0.028	0.089	0.000	0.055	0.135	0.196	1.125	1.186	0.107	0.161	1.097	1.151
	Right Tilt	0.107	0.930	0.026	0.028	0.000	0.018	0.133	0.135	0.956	0.956	0.107	0.125	0.930	0.948
Body-worn & Hotspot	Back	1.159	1.158	0.396	0.283	0.008	0.202	1.555	1.442	1.554	1.441	1.167	1.361	1.166	1.361
	Front	0.148	0.359	0.217	0.191	0.004	0.082	0.365	0.339	0.576	0.550	0.152	0.230	0.363	0.441
Hotspot	Edge Top		0.359		0.013		0.013	0.000	0.013	0.359	0.372	0.000	0.013	0.359	0.372
	Edge Right				0.363		0.208	0.000	0.363	0.000	0.363	0.000	0.208	0.000	0.208
	Edge Bottom	0.148		0.098		0.000		0.246	0.148	0.098	0.000	0.148	0.148	0.000	0.000
	Edge Left	0.571	0.890	0.382		0.003		0.953	0.571	1.272	0.890	0.574	0.571	0.893	0.890

12.8. WWAN Cell-off & Wi-Fi 5G Power State 5 & BT & 802.15.4ab NB

RF Exposure conditions	Test Position	Standalone SAR (W/kg)						Σ 1-g SAR (W/kg)							
		1 Wi-Fi 5G Pstate 5 ANT5	2 Wi-Fi 5G Pstate 5 ANT6	3 BT (P _{High}) ANT3	4 BT (P _{High}) ANT4	5 802.15.4ab NB ANT5	6 802.15.4ab NB ANT6	1+3+5	1+3+6	1+4+5	1+4+6	2+3+5	2+3+6	2+4+5	2+4+6
Head	Left Cheek	0.095	0.380	0.094	0.339	0.000	0.006	0.189	0.196	0.434	0.441	0.474	0.480	0.719	0.725
	Left Tilt	0.095	0.380	0.036	0.103	0.000	0.006	0.131	0.137	0.198	0.205	0.415	0.421	0.483	0.489
	Right Cheek	0.095	0.977	0.028	0.089	0.000	0.034	0.124	0.158	0.184	0.218	1.006	1.040	1.067	1.101
	Right Tilt	0.095	0.829	0.026	0.028	0.000	0.014	0.121	0.135	0.123	0.137	0.855	0.869	0.857	0.871
Body-worn & Hotspot	Back	1.033	1.064	0.396	0.283	0.075	0.032	1.504	1.461	1.391	1.348	1.535	1.492	1.422	1.379
	Front	0.154	0.320	0.217	0.191	0.000	0.008	0.371	0.379	0.345	0.353	0.537	0.546	0.511	0.520
Hotspot	Edge Top		0.320		0.013		0.004	0.000	0.004	0.013	0.017	0.320	0.324	0.333	0.337
	Edge Right				0.363			0.000	0.000	0.363	0.363	0.000	0.000	0.363	0.363
	Edge Bottom	0.154		0.098		0.000		0.252	0.252	0.154	0.154	0.098	0.098	0.000	0.000
	Edge Left	0.484	0.793	0.382		0.000	0.004	0.866	0.870	0.484	0.488	1.175	1.179	0.793	0.797

12.9. WWAN Cell-off & Wi-Fi 5G Power State 5 & 802.15.4 & 802.15.4ab NB

RF Exposure conditions	Test Position	Standalone SAR (W/kg)						Σ 1-g SAR (W/kg)							
		1 Wi-Fi 5G Pstate 5 ANT5	2 Wi-Fi 5G Pstate 5 ANT6	3 802.15.4 (P _{High}) ANT3	4 802.15.4 (P _{High}) ANT4	5 802.15.4ab NB ANT5	6 802.15.4ab NB ANT6	1+3+5	1+3+6	1+4+5	1+4+6	2+3+5	2+3+6	2+4+5	2+4+6
Head	Left Cheek	0.095	0.380	0.000	0.268	0.000	0.006	0.095	0.102	0.363	0.369	0.380	0.386	0.647	0.653
	Left Tilt	0.095	0.380	0.000	0.061	0.000	0.006	0.095	0.102	0.156	0.163	0.380	0.386	0.441	0.447
	Right Cheek	0.095	0.977	0.000	0.055	0.000	0.034	0.095	0.129	0.150	0.184	0.978	1.012	1.032	1.066
	Right Tilt	0.095	0.829	0.000	0.018	0.000	0.014	0.095	0.109	0.113	0.127	0.829	0.843	0.847	0.861
Body-worn & Hotspot	Back	1.033	1.064	0.008	0.202	0.075	0.032	1.116	1.073	1.310	1.267	1.146	1.103	1.341	1.298
	Front	0.154	0.320	0.004	0.082	0.000	0.008	0.157	0.165	0.235	0.243	0.324	0.332	0.402	0.410
Hotspot	Edge Top		0.320		0.013		0.004	0.000	0.004	0.013	0.017	0.320	0.324	0.333	0.337
	Edge Right				0.208			0.000	0.000	0.208	0.208	0.000	0.000	0.208	0.208
	Edge Bottom	0.154		0.000		0.000		0.154	0.154	0.154	0.154	0.000	0.000	0.000	0.000
	Edge Left	0.484	0.793	0.003		0.000	0.004	0.487	0.491	0.484	0.488	0.796	0.800	0.793	0.797

12.10. WWAN(TNE) Cell-on & BT & NB UNII & 802.15.4

RF Exposure conditions	Test Position	Standalone SAR (W/kg)							Σ 1-g SAR (W/kg)						
		1	2	3	4	5	6	7	1+2	1+3	1+4	1+5	1+6	1+7	
		WWAN Cell-on ANT1	BT (P _{High}) ANT3	BT (P _{High}) ANT4	NB UNII (P _{High}) ANT5	NB UNII (P _{High}) ANT6	802.15.4 (P _{High}) ANT3	802.15.4 (P _{High}) ANT4							
Head	Left Cheek	0.028	0.094	0.339	0.022	0.111	0.000	0.268	0.123	0.367	0.050	0.139	0.028	0.296	
	Left Tilt	0.013	0.036	0.103	0.038	0.108	0.000	0.061	0.048	0.116	0.051	0.120	0.013	0.074	
	Right Cheek	0.065	0.028	0.089	0.058	0.275	0.000	0.055	0.093	0.154	0.123	0.340	0.065	0.119	
	Right Tilt	0.015	0.026	0.028	0.004	0.230	0.000	0.018	0.041	0.043	0.019	0.245	0.015	0.033	
Body-worn & Hotspot	Back	0.596	0.396	0.283	0.395	0.171	0.008	0.202	0.992	0.879	0.991	0.767	0.604	0.798	
	Front	0.462	0.217	0.191	0.020	0.032	0.004	0.082	0.679	0.653	0.482	0.494	0.466	0.544	
Hotspot	Edge Top			0.013		0.020		0.013	0.000	0.013	0.000	0.020	0.000	0.013	
	Edge Right	0.466		0.363				0.208	0.466	0.829	0.466	0.466	0.466	0.674	
	Edge Bottom	0.737	0.098		0.022		0.000		0.835	0.737	0.759	0.737	0.737	0.737	
	Edge Left	0.053	0.382		0.158	0.106	0.003		0.435	0.053	0.211	0.159	0.056	0.053	
RF Exposure conditions	Test Position	Standalone SAR (W/kg)							Σ 1-g SAR (W/kg)						
		1	2	3	4	5	6	7	1+2	1+3	1+4	1+5	1+6	1+7	
		WWAN Cell-on ANT2	BT (P _{High}) ANT3	BT (P _{High}) ANT4	NB UNII (P _{High}) ANT5	NB UNII (P _{High}) ANT6	802.15.4 (P _{High}) ANT3	802.15.4 (P _{High}) ANT4							
Head	Left Cheek	0.404	0.094	0.339	0.022	0.111	0.000	0.268	0.498	0.743	0.426	0.515	0.404	0.672	
	Left Tilt	0.471	0.036	0.103	0.038	0.108	0.000	0.061	0.507	0.574	0.509	0.579	0.471	0.532	
	Right Cheek	0.840	0.028	0.089	0.058	0.275	0.000	0.055	0.868	0.929	0.898	1.115	0.840	0.894	
	Right Tilt	0.569	0.026	0.028	0.004	0.230	0.000	0.018	0.594	0.596	0.573	0.799	0.569	0.587	
Body-worn & Hotspot	Back	0.915	0.396	0.283	0.395	0.171	0.008	0.202	1.311	1.198	1.310	1.086	0.923	1.117	
	Front	0.466	0.217	0.191	0.020	0.032	0.004	0.082	0.673	0.647	0.476	0.488	0.460	0.538	
Hotspot	Edge Top	0.352		0.013		0.020		0.013	0.352	0.365	0.352	0.372	0.352	0.365	
	Edge Right	0.038		0.363				0.208	0.038	0.401	0.038	0.038	0.038	0.246	
	Edge Bottom		0.098		0.022		0.000		0.098	0.000	0.022	0.000	0.000	0.000	
	Edge Left	0.728	0.382		0.158	0.106	0.003		1.110	0.728	0.886	0.833	0.730	0.728	
RF Exposure conditions	Test Position	Standalone SAR (W/kg)							Σ 1-g SAR (W/kg)						
		1	2	3	4	5	6	7	1+2	1+3	1+4	1+5	1+6	1+7	
		WWAN Cell-on ANT4	BT (P _{High}) ANT3	BT (P _{High}) ANT4	NB UNII (P _{High}) ANT5	NB UNII (P _{High}) ANT6	802.15.4 (P _{High}) ANT3	802.15.4 (P _{High}) ANT4							
Body-worn & Hotspot	Back	0.510	0.396	0.283	0.395	0.171	0.008	0.202	0.906	0.793	0.905	0.681	0.518	0.712	
	Front	0.255	0.217	0.191	0.020	0.032	0.004	0.082	0.472	0.446	0.275	0.287	0.259	0.337	
Hotspot	Edge Top	0.311		0.013		0.020		0.013	0.311	0.324	0.311	0.331	0.311	0.324	
	Edge Right	0.739		0.363				0.208	0.739	1.102	0.739	0.739	0.739	0.947	
	Edge Bottom		0.098		0.022		0.000		0.098	0.000	0.022	0.000	0.000	0.000	
	Edge Left		0.382		0.158	0.106	0.003		0.382	0.000	0.158	0.106	0.003	0.000	

12.11. WWAN(TNE) Cell-on & BT & 802.15.4ab NB

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT1	BT (P _{High}) ANT3	BT (P _{High}) ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6				
Head	Left Cheek	0.028	0.018	0.066	0.000	0.006	0.046	0.052	0.095	0.101
	Left Tilt	0.013	0.005	0.014	0.000	0.006	0.018	0.024	0.026	0.032
	Right Cheek	0.065	0.008	0.017	0.000	0.034	0.073	0.107	0.082	0.116
	Right Tilt	0.015	0.007	0.001	0.000	0.014	0.022	0.036	0.017	0.031
Body-worn & Hotspot	Back	0.596	0.097	0.062	0.075	0.032	0.768	0.725	0.732	0.690
	Front	0.462	0.054	0.037	0.000	0.008	0.516	0.524	0.499	0.507
Hotspot	Edge Top			0.001		0.004	0.000	0.004	0.001	0.005
	Edge Right	0.466		0.073			0.466	0.466	0.539	0.539
	Edge Bottom	0.737	0.036		0.000		0.773	0.773	0.737	0.737
	Edge Left	0.053	0.090		0.000	0.004	0.143	0.147	0.053	0.057
RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT2	BT (P _{High}) ANT3	BT (P _{High}) ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6				
Head	Left Cheek	0.404	0.018	0.066	0.000	0.006	0.422	0.428	0.471	0.477
	Left Tilt	0.471	0.005	0.014	0.000	0.006	0.477	0.483	0.485	0.491
	Right Cheek	0.840	0.008	0.017	0.000	0.034	0.848	0.882	0.857	0.891
	Right Tilt	0.569	0.007	0.001	0.000	0.014	0.575	0.589	0.570	0.584
Body-worn & Hotspot	Back	0.915	0.097	0.062	0.075	0.032	1.087	1.044	1.051	1.008
	Front	0.456	0.054	0.037	0.000	0.008	0.510	0.519	0.493	0.501
Hotspot	Edge Top	0.352		0.001		0.004	0.352	0.356	0.353	0.357
	Edge Right	0.038		0.073			0.038	0.038	0.111	0.111
	Edge Bottom		0.036		0.000		0.036	0.036	0.000	0.000
	Edge Left	0.728	0.090		0.000	0.004	0.818	0.821	0.728	0.731
RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT4	BT (P _{High}) ANT3	BT (P _{High}) ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6				
Body-worn & Hotspot	Back	0.510	0.097	0.062	0.075	0.032	0.682	0.639	0.646	0.604
	Front	0.255	0.054	0.037	0.000	0.008	0.310	0.318	0.293	0.301
Hotspot	Edge Top	0.311		0.001		0.004	0.311	0.315	0.312	0.316
	Edge Right	0.739		0.073			0.739	0.739	0.812	0.812
	Edge Bottom		0.036		0.000		0.036	0.036	0.000	0.000
	Edge Left		0.090		0.000	0.004	0.090	0.094	0.000	0.004

12.12. WWAN(TNE) Cell-on & Wi-Fi 2.4G Power State 4 & NB UNII

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT1	Wi-Fi 2.4G Pstate 4 ANT3	Wi-Fi 2.4G Pstate 4 ANT4	NB UNII (P _{Low}) ANT5	NB UNII (P _{Low}) ANT6				
Head	Left Cheek	0.028	0.127	0.389	0.000	0.000	0.155	0.155	0.417	0.417
	Left Tilt	0.013	0.127	0.203	0.000	0.005	0.139	0.144	0.216	0.221
	Right Cheek	0.065	0.127	0.203	0.000	0.010	0.192	0.202	0.268	0.278
	Right Tilt	0.015	0.127	0.203	0.000	0.009	0.142	0.151	0.219	0.228
Body-worn & Hotspot	Back	0.596	0.368	0.445	0.052	0.032	1.016	0.996	1.093	1.073
	Front	0.462	0.368	0.177	0.001	0.000	0.831	0.830	0.640	0.639
Hotspot	Edge Top			0.177		0.000	0.000	0.000	0.177	0.177
	Edge Right	0.466		0.406			0.466	0.466	0.872	0.872
	Edge Bottom	0.737	0.368		0.001		1.106	1.105	0.738	0.737
	Edge Left	0.053	0.368		0.007	0.013	0.428	0.434	0.060	0.066
RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT2	Wi-Fi 2.4G Pstate 4 ANT3	Wi-Fi 2.4G Pstate 4 ANT4	NB UNII (P _{Low}) ANT5	NB UNII (P _{Low}) ANT6				
Head	Left Cheek	0.404	0.127	0.389	0.000	0.000	0.531	0.531	0.793	0.793
	Left Tilt	0.471	0.127	0.203	0.000	0.005	0.598	0.603	0.675	0.680
	Right Cheek	0.840	0.127	0.203	0.000	0.010	0.966	0.976	1.043	1.053
	Right Tilt	0.569	0.127	0.203	0.000	0.009	0.695	0.704	0.772	0.781
Body-worn & Hotspot	Back	0.915	0.368	0.445	0.052	0.032	1.335	1.315	1.412	1.392
	Front	0.456	0.368	0.177	0.001	0.000	0.825	0.824	0.634	0.633
Hotspot	Edge Top	0.352		0.177		0.000	0.352	0.352	0.529	0.529
	Edge Right	0.038		0.406			0.038	0.038	0.444	0.444
	Edge Bottom		0.368		0.001		0.369	0.368	0.001	0.000
	Edge Left	0.728	0.368		0.007	0.013	1.102	1.108	0.735	0.741
RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT4	Wi-Fi 2.4G Pstate 4 ANT3	Wi-Fi 2.4G Pstate 4 ANT4	NB UNII (P _{Low}) ANT5	NB UNII (P _{Low}) ANT6				
Body-worn & Hotspot	Back	0.510	0.368	0.445	0.052	0.032	0.930	0.910	1.007	0.987
	Front	0.255	0.368	0.177	0.001	0.000	0.624	0.623	0.433	0.433
Hotspot	Edge Top	0.311		0.177		0.000	0.311	0.311	0.488	0.488
	Edge Right	0.739		0.406			0.739	0.739	1.145	1.145
	Edge Bottom		0.368		0.001		0.369	0.368	0.001	0.000
	Edge Left		0.368		0.007	0.013	0.375	0.381	0.007	0.013

12.13. WWAN(TNE) Cell-on & Wi-Fi 5G Power State 4 & BT & 802.15.4

RF Exposure conditions	Test Position	Standalone SAR (W/kg)							Σ 1-g SAR (W/kg)							
		1	2	3	4	5	6	7	1+2+4	1+2+5	1+3+4	1+3+5	1+2+6	1+2+7	1+3+6	1+3+7
		WWAN Cell-on ANT1	Wi-Fi 5G Pstate 4 ANT5	Wi-Fi 5G Pstate 4 ANT6	BT (P _{Low}) ANT3	BT (P _{Low}) ANT4	802.15.4 (P _{Low}) ANT3	802.15.4 (P _{Low}) ANT4								
Head	Left Cheek	0.028	0.099	0.389	0.018	0.066	0.000	0.019	0.145	0.194	0.435	0.484	0.127	0.146	0.417	0.436
	Left Tilt	0.013	0.099	0.389	0.005	0.014	0.000	0.003	0.117	0.125	0.407	0.415	0.112	0.115	0.402	0.405
	Right Cheek	0.065	0.099	0.389	0.008	0.017	0.000	0.004	0.172	0.181	0.462	0.471	0.164	0.168	0.454	0.458
	Right Tilt	0.015	0.099	0.389	0.007	0.001	0.000	0.001	0.121	0.116	0.411	0.405	0.114	0.115	0.404	0.405
Body-worn & Hotspot	Back	0.596	0.456	0.447	0.097	0.062	0.000	0.022	1.150	1.114	1.141	1.105	1.053	1.074	1.044	1.065
	Front	0.462	0.090	0.235	0.054	0.037	0.000	0.009	0.606	0.589	0.751	0.734	0.552	0.561	0.697	0.706
Hotspot	Edge Top			0.235		0.001		0.001	0.000	0.001	0.235	0.236	0.000	0.001	0.235	0.236
	Edge Right	0.466				0.073		0.024	0.466	0.539	0.466	0.539	0.466	0.490	0.466	0.490
	Edge Bottom	0.737	0.090		0.036		0.000		0.863	0.827	0.773	0.737	0.827	0.827	0.737	0.737
	Edge Left	0.053	0.334	0.414	0.090		0.000		0.477	0.387	0.557	0.467	0.387	0.387	0.467	0.467
RF Exposure conditions	Test Position	Standalone SAR (W/kg)							Σ 1-g SAR (W/kg)							
		1	2	3	4	5	6	7	1+2+4	1+2+5	1+3+4	1+3+5	1+2+6	1+2+7	1+3+6	1+3+7
		WWAN Cell-on ANT2	Wi-Fi 5G Pstate 4 ANT5	Wi-Fi 5G Pstate 4 ANT6	BT (P _{Low}) ANT3	BT (P _{Low}) ANT4	802.15.4 (P _{Low}) ANT3	802.15.4 (P _{Low}) ANT4								
Head	Left Cheek	0.404	0.099	0.389	0.018	0.066	0.000	0.019	0.521	0.570	0.811	0.860	0.503	0.522	0.793	0.812
	Left Tilt	0.471	0.099	0.389	0.005	0.014	0.000	0.003	0.576	0.584	0.866	0.874	0.570	0.573	0.860	0.863
	Right Cheek	0.840	0.099	0.389	0.008	0.017	0.000	0.004	0.947	0.956	1.237	1.246	0.939	0.943	1.229	1.233
	Right Tilt	0.569	0.099	0.389	0.007	0.001	0.000	0.001	0.674	0.669	0.964	0.959	0.668	0.668	0.958	0.958
Body-worn & Hotspot	Back	0.915	0.456	0.447	0.097	0.062	0.000	0.022	1.469	1.433	1.460	1.424	1.371	1.393	1.362	1.384
	Front	0.456	0.090	0.235	0.054	0.037	0.000	0.009	0.601	0.583	0.745	0.728	0.547	0.555	0.691	0.700
Hotspot	Edge Top	0.352		0.235		0.001		0.001	0.352	0.353	0.587	0.588	0.352	0.353	0.587	0.588
	Edge Right	0.038				0.073		0.024	0.038	0.111	0.038	0.111	0.038	0.063	0.038	0.063
	Edge Bottom		0.090		0.036		0.000		0.126	0.090	0.036	0.000	0.090	0.090	0.000	0.000
	Edge Left	0.728	0.334	0.414	0.090		0.000		1.151	1.061	1.232	1.141	1.061	1.061	1.141	1.141
RF Exposure conditions	Test Position	Standalone SAR (W/kg)							Σ 1-g SAR (W/kg)							
		1	2	3	4	5	6	7	1+2+4	1+2+5	1+3+4	1+3+5	1+2+6	1+2+7	1+3+6	1+3+7
		WWAN Cell-on ANT4	Wi-Fi 5G Pstate 4 ANT5	Wi-Fi 5G Pstate 4 ANT6	BT (P _{Low}) ANT3	BT (P _{Low}) ANT4	802.15.4 (P _{Low}) ANT3	802.15.4 (P _{Low}) ANT4								
Body-worn & Hotspot	Back	0.510	0.456	0.447	0.097	0.062	0.000	0.022	1.064	1.028	1.055	1.019	0.967	0.988	0.958	0.979
	Front	0.255	0.090	0.235	0.054	0.037	0.000	0.009	0.400	0.383	0.545	0.528	0.346	0.355	0.491	0.500
Hotspot	Edge Top	0.311		0.235		0.001		0.001	0.311	0.312	0.546	0.547	0.311	0.312	0.546	0.547
	Edge Right	0.739				0.073		0.024	0.739	0.812	0.739	0.812	0.739	0.764	0.739	0.764
	Edge Bottom		0.090		0.036		0.000		0.126	0.090	0.036	0.000	0.090	0.090	0.000	0.000
	Edge Left		0.334	0.414	0.090		0.000		0.424	0.334	0.504	0.414	0.334	0.334	0.414	0.414

12.14. WWAN(TNE) Cell-on & Wi-Fi 2.4G Power State 6 & 802.15.4ab NB

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT1	Wi-Fi 2.4G Pstate 6 ANT3	Wi-Fi 2.4G Pstate 6 ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6				
Head	Left Cheek	0.028	0.101	0.310	0.000	0.006	0.129	0.135	0.339	0.345
	Left Tilt	0.013	0.101	0.162	0.000	0.006	0.113	0.119	0.175	0.181
	Right Cheek	0.065	0.101	0.162	0.000	0.034	0.166	0.200	0.227	0.261
	Right Tilt	0.015	0.101	0.162	0.000	0.014	0.116	0.130	0.178	0.192
Body-worn & Hotspot	Back	0.596	0.292	0.359	0.075	0.032	0.963	0.920	1.029	0.987
	Front	0.462	0.292	0.150	0.000	0.008	0.754	0.762	0.612	0.621
Hotspot	Edge Top			0.150		0.004	0.000	0.004	0.150	0.154
	Edge Right	0.466		0.345			0.466	0.466	0.811	0.811
	Edge Bottom	0.737	0.292		0.000		1.029	1.029	0.737	0.737
	Edge Left	0.053	0.292		0.000	0.004	0.345	0.349	0.053	0.057
RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT2	Wi-Fi 2.4G Pstate 6 ANT3	Wi-Fi 2.4G Pstate 6 ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6				
Head	Left Cheek	0.404	0.101	0.310	0.000	0.006	0.505	0.511	0.715	0.721
	Left Tilt	0.471	0.101	0.162	0.000	0.006	0.572	0.578	0.634	0.640
	Right Cheek	0.840	0.101	0.162	0.000	0.034	0.940	0.975	1.002	1.036
	Right Tilt	0.569	0.101	0.162	0.000	0.014	0.669	0.683	0.731	0.745
Body-worn & Hotspot	Back	0.915	0.292	0.359	0.075	0.032	1.282	1.239	1.348	1.306
	Front	0.456	0.292	0.150	0.000	0.008	0.748	0.757	0.606	0.615
Hotspot	Edge Top	0.352		0.150		0.004	0.352	0.356	0.502	0.506
	Edge Right	0.038		0.345			0.038	0.038	0.383	0.383
	Edge Bottom		0.292		0.000		0.292	0.292	0.000	0.000
	Edge Left	0.728	0.292		0.000	0.004	1.020	1.023	0.728	0.731
RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT4	Wi-Fi 2.4G Pstate 6 ANT3	Wi-Fi 2.4G Pstate 6 ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6				
Body-worn & Hotspot	Back	0.510	0.292	0.359	0.075	0.032	0.877	0.834	0.943	0.901
	Front	0.255	0.292	0.150	0.000	0.008	0.548	0.556	0.406	0.414
Hotspot	Edge Top	0.311		0.150		0.004	0.311	0.315	0.461	0.465
	Edge Right	0.739		0.345			0.739	0.739	1.084	1.084
	Edge Bottom		0.292		0.000		0.292	0.292	0.000	0.000
	Edge Left		0.292		0.000	0.004	0.292	0.296	0.000	0.004

12.15. WWAN(TNE) Cell-on & Wi-Fi 5G Power State 6 & BT & 802.15.4ab NB

RF Exposure conditions	Test Position	Standalone SAR (W/kg)							Σ 1-g SAR (W/kg)							
		1	2	3	4	5	6	7	1+2+4+6	1+2+4+7	1+3+4+6	1+3+4+7	1+2+5+6	1+2+5+7	1+3+5+6	1+3+5+7
		WWAN Cell-on ANT1	Wi-Fi 5G Pstate 6 ANT5	Wi-Fi 5G Pstate 6 ANT6	BT (P ₁₋₃) ANT3	BT (P ₁₋₃) ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6								
Head	Left Cheek	0.028	0.083	0.309	0.018	0.066	0.000	0.006	0.129	0.135	0.355	0.361	0.178	0.184	0.404	0.410
	Left Tilt	0.013	0.083	0.309	0.005	0.014	0.000	0.006	0.101	0.107	0.327	0.333	0.109	0.115	0.335	0.341
	Right Cheek	0.065	0.083	0.309	0.008	0.017	0.000	0.034	0.156	0.190	0.382	0.416	0.165	0.199	0.391	0.425
	Right Tilt	0.015	0.083	0.309	0.007	0.001	0.000	0.014	0.105	0.119	0.331	0.345	0.099	0.113	0.326	0.339
Body-worn & Hotspot	Back	0.596	0.359	0.359	0.097	0.062	0.075	0.032	1.127	1.084	1.127	1.084	1.091	1.048	1.091	1.048
	Front	0.462	0.021	0.187	0.054	0.037	0.000	0.008	0.537	0.546	0.703	0.711	0.520	0.528	0.686	0.684
Hotspot	Edge Top			0.187		0.001		0.004	0.000	0.004	0.187	0.190	0.001	0.005	0.188	0.192
	Edge Right	0.466				0.073			0.466	0.466	0.466	0.466	0.539	0.539	0.539	0.539
	Edge Bottom	0.737	0.021		0.036		0.000		0.794	0.794	0.773	0.773	0.758	0.758	0.737	0.737
	Edge Left	0.053	0.138	0.329	0.090		0.000	0.004	0.281	0.284	0.472	0.475	0.191	0.194	0.382	0.385
RF Exposure conditions	Test Position	Standalone SAR (W/kg)							Σ 1-g SAR (W/kg)							
		1	2	3	4	5	6	7	1+2+4+6	1+2+4+7	1+3+4+6	1+3+4+7	1+2+5+6	1+2+5+7	1+3+5+6	1+3+5+7
		WWAN Cell-on ANT2	Wi-Fi 5G Pstate 6 ANT5	Wi-Fi 5G Pstate 6 ANT6	BT (P ₁₋₃) ANT3	BT (P ₁₋₃) ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6								
Head	Left Cheek	0.404	0.083	0.309	0.018	0.066	0.000	0.006	0.505	0.511	0.731	0.737	0.553	0.560	0.780	0.786
	Left Tilt	0.471	0.083	0.309	0.005	0.014	0.000	0.006	0.559	0.566	0.786	0.792	0.568	0.574	0.794	0.800
	Right Cheek	0.840	0.083	0.309	0.008	0.017	0.000	0.034	0.931	0.965	1.157	1.191	0.940	0.974	1.166	1.200
	Right Tilt	0.569	0.083	0.309	0.007	0.001	0.000	0.014	0.658	0.672	0.884	0.898	0.653	0.667	0.879	0.893
Body-worn & Hotspot	Back	0.915	0.359	0.359	0.097	0.062	0.075	0.032	1.446	1.403	1.446	1.403	1.410	1.367	1.410	1.367
	Front	0.456	0.021	0.187	0.054	0.037	0.000	0.008	0.531	0.540	0.697	0.705	0.514	0.522	0.680	0.688
Hotspot	Edge Top	0.352		0.187		0.001		0.004	0.352	0.356	0.539	0.542	0.353	0.357	0.540	0.544
	Edge Right	0.038				0.073			0.038	0.038	0.038	0.038	0.111	0.111	0.111	0.111
	Edge Bottom		0.021		0.036		0.000		0.057	0.057	0.036	0.036	0.021	0.021	0.000	0.000
	Edge Left	0.728	0.138	0.329	0.090		0.000	0.004	0.956	0.959	1.147	1.150	0.866	0.869	1.056	1.060
RF Exposure conditions	Test Position	Standalone SAR (W/kg)							Σ 1-g SAR (W/kg)							
		1	2	3	4	5	6	7	1+2+4+6	1+2+4+7	1+3+4+6	1+3+4+7	1+2+5+6	1+2+5+7	1+3+5+6	1+3+5+7
		WWAN Cell-on ANT4	Wi-Fi 5G Pstate 6 ANT5	Wi-Fi 5G Pstate 6 ANT6	BT (P ₁₋₃) ANT3	BT (P ₁₋₃) ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6								
Body-worn & Hotspot	Back	0.510	0.359	0.359	0.097	0.062	0.075	0.032	1.041	0.998	1.041	0.998	1.005	0.962	1.005	0.962
	Front	0.255	0.021	0.187	0.054	0.037	0.000	0.008	0.331	0.339	0.497	0.505	0.314	0.322	0.479	0.488
Hotspot	Edge Top	0.311		0.187		0.001		0.004	0.311	0.315	0.498	0.501	0.312	0.316	0.499	0.503
	Edge Right	0.739				0.073			0.739	0.739	0.739	0.739	0.812	0.812	0.812	0.812
	Edge Bottom		0.021		0.036		0.000		0.057	0.057	0.036	0.036	0.021	0.021	0.000	0.000
	Edge Left		0.138	0.329	0.090		0.000	0.004	0.228	0.231	0.419	0.422	0.138	0.141	0.329	0.332

12.16. WWAN(TNE) Cell-on & Wi-Fi 5G Power State 6 & 802.15.4 & 802.15.4ab NB

RF Exposure conditions	Test Position	Standalone SAR (W/kg)							Σ 1-g SAR (W/kg)							
		1	2	3	4	5	6	7	1+2+4+6	1+2+4+7	1+3+4+6	1+3+4+7	1+2+5+6	1+2+5+7	1+3+5+6	1+3+5+7
		WWAN Cell-on ANT1	Wi-Fi 5G Pstate 6 ANT5	Wi-Fi 5G Pstate 6 ANT6	802.15.4 (P _{Low}) ANT3	802.15.4 (P _{Low}) ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6								
Head	Left Cheek	0.028	0.083	0.309	0.000	0.019	0.000	0.006	0.111	0.117	0.337	0.344	0.130	0.136	0.356	0.362
	Left Tilt	0.013	0.083	0.309	0.000	0.003	0.000	0.006	0.096	0.102	0.322	0.328	0.099	0.105	0.325	0.331
	Right Cheek	0.065	0.083	0.309	0.000	0.004	0.000	0.034	0.148	0.182	0.374	0.408	0.152	0.186	0.378	0.412
	Right Tilt	0.015	0.083	0.309	0.000	0.001	0.000	0.014	0.098	0.112	0.324	0.338	0.099	0.113	0.325	0.339
Body-worn & Hotspot	Back	0.596	0.359	0.359	0.000	0.022	0.075	0.032	1.030	0.987	1.030	0.987	1.052	1.009	1.052	1.009
	Front	0.462	0.021	0.187	0.000	0.009	0.000	0.008	0.483	0.492	0.649	0.657	0.492	0.500	0.658	0.666
Hotspot	Edge Top			0.187		0.001		0.004	0.000	0.004	0.187	0.190	0.001	0.004	0.188	0.191
	Edge Right	0.466				0.024			0.466	0.466	0.466	0.466	0.490	0.490	0.490	0.490
	Edge Bottom	0.737	0.021		0.000		0.000		0.758	0.758	0.737	0.737	0.758	0.758	0.737	0.737
	Edge Left	0.053	0.138	0.329	0.000		0.000	0.004	0.191	0.194	0.382	0.385	0.191	0.194	0.382	0.385
RF Exposure conditions	Test Position	Standalone SAR (W/kg)							Σ 1-g SAR (W/kg)							
		1	2	3	4	5	6	7	1+2+4+6	1+2+4+7	1+3+4+6	1+3+4+7	1+2+5+6	1+2+5+7	1+3+5+6	1+3+5+7
		WWAN Cell-on ANT2	Wi-Fi 5G Pstate 6 ANT5	Wi-Fi 5G Pstate 6 ANT6	802.15.4 (P _{Low}) ANT3	802.15.4 (P _{Low}) ANT4	BT(P _{Low}) ANT3	BT(P _{Low}) ANT4								
Head	Left Cheek	0.404	0.083	0.309	0.000	0.019	0.000	0.006	0.487	0.493	0.713	0.720	0.506	0.512	0.732	0.738
	Left Tilt	0.471	0.083	0.309	0.000	0.003	0.000	0.006	0.554	0.560	0.780	0.787	0.557	0.564	0.783	0.790
	Right Cheek	0.840	0.083	0.309	0.000	0.004	0.000	0.034	0.923	0.957	1.149	1.183	0.927	0.961	1.153	1.187
	Right Tilt	0.569	0.083	0.309	0.000	0.001	0.000	0.014	0.652	0.665	0.878	0.892	0.652	0.666	0.878	0.892
Body-worn & Hotspot	Back	0.915	0.359	0.359	0.000	0.022	0.075	0.032	1.349	1.306	1.349	1.306	1.370	1.328	1.370	1.328
	Front	0.456	0.021	0.187	0.000	0.009	0.000	0.008	0.477	0.486	0.643	0.651	0.486	0.494	0.652	0.660
Hotspot	Edge Top	0.352		0.187		0.001		0.004	0.352	0.356	0.539	0.542	0.353	0.356	0.540	0.543
	Edge Right	0.038				0.024			0.038	0.038	0.038	0.038	0.063	0.063	0.063	0.063
	Edge Bottom		0.021		0.000		0.000		0.021	0.021	0.000	0.000	0.021	0.021	0.000	0.000
	Edge Left	0.728	0.138	0.329	0.000		0.000	0.004	0.866	0.869	1.056	1.060	0.866	0.869	1.056	1.060
RF Exposure conditions	Test Position	Standalone SAR (W/kg)							Σ 1-g SAR (W/kg)							
		1	2	3	4	5	6	7	1+2+4+6	1+2+4+7	1+3+4+6	1+3+4+7	1+2+5+6	1+2+5+7	1+3+5+6	1+3+5+7
		WWAN Cell-on ANT4	Wi-Fi 5G Pstate 6 ANT5	Wi-Fi 5G Pstate 6 ANT6	802.15.4 (P _{Low}) ANT3	802.15.4 (P _{Low}) ANT4	BT(P _{Low}) ANT3	BT(P _{Low}) ANT4								
Body-worn & Hotspot	Back	0.510	0.359	0.359	0.000	0.022	0.075	0.032	0.944	0.901	0.944	0.901	0.965	0.923	0.966	0.923
	Front	0.255	0.021	0.187	0.000	0.009	0.000	0.008	0.277	0.285	0.443	0.451	0.286	0.294	0.451	0.460
Hotspot	Edge Top	0.311		0.187		0.001		0.004	0.311	0.315	0.498	0.501	0.312	0.315	0.499	0.502
	Edge Right	0.739				0.024			0.739	0.739	0.739	0.739	0.764	0.764	0.764	0.764
	Edge Bottom		0.021		0.000		0.000		0.021	0.021	0.000	0.000	0.021	0.021	0.000	0.000
	Edge Left		0.138	0.329	0.000		0.000	0.004	0.138	0.141	0.329	0.332	0.138	0.141	0.329	0.332

RF Exposure conditions	Test Position	Standalone SAR (W/kg)							Σ 1-g SAR (W/kg)					
		1	2	3	4	5	6	7	1+2	1+3	1+4	1+5	1+6	1+7
		WWAN Cell-on ANT1	BT (P _{High}) ANT3	BT (P _{High}) ANT4	NB UNII (P _{High}) ANT5	NB UNII (P _{High}) ANT6	802.15.4 (P _{High}) ANT3	802.15.4 (P _{High}) ANT4						
Head	Left Cheek	0.227	0.094	0.339	0.022	0.111	0.000	0.268	0.321	0.566	0.249	0.338	0.227	0.495
	Left Tilt	0.143	0.036	0.103	0.038	0.108	0.000	0.061	0.178	0.246	0.181	0.250	0.143	0.204
	Right Cheek	0.385	0.028	0.089	0.058	0.275	0.000	0.055	0.413	0.474	0.443	0.660	0.385	0.439
	Right Tilt	0.137	0.026	0.028	0.004	0.230	0.000	0.018	0.163	0.165	0.141	0.367	0.137	0.155
Body-worn & Hotspot	Back	0.944	0.396	0.283	0.395	0.171	0.008	0.202	1.340	1.227	1.339	1.115	0.952	1.146
	Front	0.545	0.217	0.191	0.020	0.032	0.004	0.082	0.762	0.736	0.565	0.577	0.548	0.627
Hotspot	Edge Top			0.013		0.020		0.013	0.000	0.013	0.000	0.020	0.000	0.013
	Edge Right	0.944		0.363				0.208	0.944	1.307	0.944	0.944	0.944	1.152
	Edge Bottom	0.948	0.098		0.022		0.000		1.046	0.948	0.970	0.948	0.948	0.948
	Edge Left	0.471	0.382		0.158	0.106	0.003		0.853	0.471	0.630	0.577	0.474	0.471
RF Exposure conditions	Test Position	Standalone SAR (W/kg)							Σ 1-g SAR (W/kg)					
		1	2	3	4	5	6	7	1+2	1+3	1+4	1+5	1+6	1+7
		WWAN Cell-on ANT2	BT (P _{High}) ANT3	BT (P _{High}) ANT4	NB UNII (P _{High}) ANT5	NB UNII (P _{High}) ANT6	802.15.4 (P _{High}) ANT3	802.15.4 (P _{High}) ANT4						
Head	Left Cheek	0.778	0.094	0.339	0.022	0.111	0.000	0.268	0.872	1.117	0.800	0.889	0.778	1.045
	Left Tilt	0.906	0.036	0.103	0.038	0.108	0.000	0.061	0.941	1.009	0.944	1.013	0.906	0.967
	Right Cheek	0.944	0.028	0.089	0.058	0.275	0.000	0.055	0.973	1.033	1.002	1.219	0.944	0.999
	Right Tilt	0.932	0.026	0.028	0.004	0.230	0.000	0.018	0.958	0.936	0.936	1.162	0.932	0.950
Body-worn & Hotspot	Back	0.949	0.396	0.283	0.395	0.171	0.008	0.202	1.345	1.232	1.343	1.119	0.956	1.151
	Front	0.656	0.217	0.191	0.020	0.032	0.004	0.082	0.873	0.847	0.676	0.688	0.659	0.737
Hotspot	Edge Top	0.950		0.013		0.020		0.013	0.950	0.963	0.950	0.970	0.950	0.963
	Edge Right	0.257		0.363				0.208	0.257	0.620	0.257	0.257	0.257	0.465
	Edge Bottom		0.098		0.022		0.000		0.098	0.000	0.022	0.000	0.000	0.000
	Edge Left	0.950	0.382		0.158	0.106	0.003		1.332	0.950	1.108	1.056	0.953	0.950
RF Exposure conditions	Test Position	Standalone SAR (W/kg)							Σ 1-g SAR (W/kg)					
		1	2	3	4	5	6	7	1+2	1+3	1+4	1+5	1+6	1+7
		WWAN Cell-on ANT3	BT (P _{High}) ANT3	BT (P _{High}) ANT4	NB UNII (P _{High}) ANT5	NB UNII (P _{High}) ANT6	802.15.4 (P _{High}) ANT3	802.15.4 (P _{High}) ANT4						
Head	Left Cheek	0.407	0.094	0.339	0.022	0.111	0.000	0.268	0.502	0.746	0.429	0.518	0.407	0.675
	Left Tilt	0.160	0.036	0.103	0.038	0.108	0.000	0.061	0.196	0.263	0.198	0.268	0.160	0.221
	Right Cheek	0.182	0.028	0.089	0.058	0.275	0.000	0.055	0.210	0.271	0.240	0.457	0.182	0.237
	Right Tilt	0.2												

12.18. WWAN(PCE) Cell-on & BT & 802.15.4ab NB

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT1	BT (P _{High}) ANT3	BT (P _{High}) ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6				
Head	Left Cheek	0.227	0.018	0.066	0.000	0.006	0.245	0.251	0.294	0.300
	Left Tilt	0.143	0.005	0.014	0.000	0.006	0.148	0.154	0.156	0.162
	Right Cheek	0.385	0.008	0.017	0.000	0.034	0.393	0.427	0.402	0.436
	Right Tilt	0.137	0.007	0.001	0.000	0.014	0.144	0.158	0.138	0.152
Body-worn & Hotspot	Back	0.944	0.097	0.062	0.075	0.032	1.116	1.074	1.081	1.038
	Front	0.545	0.054	0.037	0.000	0.008	0.599	0.607	0.582	0.590
Hotspot	Edge Top			0.001		0.004	0.000	0.004	0.001	0.005
	Edge Right	0.944		0.073			0.944	0.944	1.016	1.016
	Edge Bottom	0.948	0.036		0.000		0.984	0.984	0.948	0.948
	Edge Left	0.471	0.090		0.000	0.004	0.562	0.565	0.472	0.475
RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT2	BT (P _{High}) ANT3	BT (P _{High}) ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6				
Head	Left Cheek	0.778	0.018	0.066	0.000	0.006	0.795	0.801	0.844	0.850
	Left Tilt	0.906	0.005	0.014	0.000	0.006	0.911	0.918	0.919	0.926
	Right Cheek	0.944	0.008	0.017	0.000	0.034	0.952	0.987	0.962	0.996
	Right Tilt	0.932	0.007	0.001	0.000	0.014	0.939	0.953	0.934	0.948
Body-worn & Hotspot	Back	0.949	0.097	0.062	0.075	0.032	1.121	1.078	1.085	1.042
	Front	0.656	0.054	0.037	0.000	0.008	0.710	0.718	0.693	0.701
Hotspot	Edge Top	0.950		0.001		0.004	0.950	0.954	0.952	0.955
	Edge Right	0.257		0.073			0.257	0.257	0.330	0.330
	Edge Bottom		0.036		0.000		0.036	0.036	0.000	0.000
	Edge Left	0.950	0.090		0.000	0.004	1.040	1.044	0.950	0.953
RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT3	BT (P _{High}) ANT3	BT (P _{High}) ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6				
Head	Left Cheek	0.407	0.018	0.066	0.000	0.006	0.425	0.431	0.474	0.480
	Left Tilt	0.160	0.005	0.014	0.000	0.006	0.166	0.172	0.174	0.180
	Right Cheek	0.182	0.008	0.017	0.000	0.034	0.190	0.224	0.199	0.233
	Right Tilt	0.208	0.007	0.001	0.000	0.014	0.214	0.228	0.209	0.223
Body-worn & Hotspot	Back	0.946	0.097	0.062	0.075	0.032	1.118	1.075	1.082	1.039
	Front	0.690	0.054	0.037	0.000	0.008	0.744	0.752	0.727	0.735
Hotspot	Edge Top			0.001		0.004	0.000	0.004	0.001	0.005
	Edge Right			0.073			0.000	0.000	0.073	0.073
	Edge Bottom	0.423	0.036		0.000		0.459	0.459	0.423	0.423
	Edge Left	0.939	0.090		0.000	0.004	1.030	1.033	0.939	0.943
RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT4	BT (P _{High}) ANT3	BT (P _{High}) ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6				
Head	Left Cheek	0.948	0.018	0.066	0.000	0.006	0.966	0.972	1.015	1.021
	Left Tilt	0.604	0.005	0.014	0.000	0.006	0.610	0.616	0.618	0.624
	Right Cheek	0.513	0.008	0.017	0.000	0.034	0.521	0.555	0.530	0.564
	Right Tilt	0.410	0.007	0.001	0.000	0.014	0.417	0.430	0.411	0.425
Body-worn & Hotspot	Back	0.945	0.097	0.062	0.075	0.032	1.117	1.075	1.082	1.039
	Front	0.527	0.054	0.037	0.000	0.008	0.582	0.590	0.565	0.573
Hotspot	Edge Top	0.515		0.001		0.004	0.515	0.518	0.516	0.520
	Edge Right	0.948		0.073			0.948	0.948	1.021	1.021
	Edge Bottom		0.036		0.000		0.036	0.036	0.000	0.000
	Edge Left		0.090		0.000	0.004	0.090	0.094	0.000	0.004

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT7	BT (P _{High}) ANT3	BT (P _{High}) ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6				
Head	Left Cheek	0.075	0.018	0.066	0.000	0.006	0.093	0.099	0.142	0.148
	Left Tilt	0.038	0.005	0.014	0.000	0.006	0.044	0.050	0.052	0.058
	Right Cheek	0.184	0.008	0.017	0.000	0.034	0.192	0.226	0.201	0.236
	Right Tilt	0.025	0.007	0.001	0.000	0.014	0.032	0.045	0.026	0.040
Body-worn & Hotspot	Back	0.918	0.097	0.062	0.075	0.032	1.090	1.047	1.054	1.011
	Front	0.384	0.054	0.037	0.000	0.008	0.438	0.446	0.421	0.429
Hotspot	Edge Top			0.001		0.004	0.000	0.004	0.001	0.005
	Edge Right	0.871		0.073			0.871	0.871	0.944	0.944
	Edge Bottom	0.244	0.036		0.000		0.280	0.280	0.244	0.244
	Edge Left		0.090		0.000	0.004	0.090	0.094	0.000	0.004
RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT8	BT (P _{High}) ANT3	BT (P _{High}) ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6				
Head	Left Cheek	0.286	0.018	0.066	0.000	0.006	0.304	0.310	0.353	0.359
	Left Tilt	0.148	0.005	0.014	0.000	0.006	0.153	0.160	0.162	0.168
	Right Cheek	0.905	0.008	0.017	0.000	0.034	0.914	0.948	0.923	0.957
	Right Tilt	0.397	0.007	0.001	0.000	0.014	0.404	0.418	0.398	0.412
Body-worn & Hotspot	Back	0.503	0.097	0.062	0.075	0.032	0.676	0.633	0.640	0.597
	Front	0.454	0.054	0.037	0.000	0.008	0.508	0.516	0.491	0.499
Hotspot	Edge Top	0.195		0.001		0.004	0.195	0.199	0.196	0.200
	Edge Right			0.073			0.000	0.000	0.073	0.073
	Edge Bottom		0.036		0.000		0.036	0.036	0.000	0.000
	Edge Left	0.870	0.090		0.000	0.004	0.960	0.963	0.870	0.873
RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT9	BT (P _{High}) ANT3	BT (P _{High}) ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6				
Head	Left Cheek	0.103	0.018	0.066	0.000	0.006	0.121	0.127	0.170	0.176
	Left Tilt	0.027	0.005	0.014	0.000	0.006	0.033	0.039	0.041	0.047
	Right Cheek	0.019	0.008	0.017	0.000	0.034	0.027	0.062	0.037	0.071
	Right Tilt	0.031	0.007	0.001	0.000	0.014	0.038	0.052	0.032	0.046
Body-worn & Hotspot	Back	0.940	0.097	0.062	0.075	0.032	1.113	1.070	1.077	1.034
	Front	0.729	0.054	0.037	0.000	0.008	0.784	0.792	0.766	0.775
Hotspot	Edge Top			0.001		0.004	0.000	0.004	0.001	0.005
	Edge Right			0.073			0.000	0.000	0.073	0.073
	Edge Bottom	0.695	0.036		0.000		0.731	0.731	0.695	0.695
	Edge Left	0.816	0.090		0.000	0.004	0.907	0.910	0.816	0.820

12.19. WWAN(PCE) Cell-on & 802.15.4 & 802.15.4ab NB

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT1	802.15.4 (P _{High}) ANT3	802.15.4 (P _{High}) ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6				
Head	Left Cheek	0.227	0.000	0.268	0.000	0.006	0.227	0.233	0.227	0.233
	Left Tilt	0.143	0.000	0.061	0.000	0.006	0.143	0.149	0.143	0.149
	Right Cheek	0.385	0.000	0.055	0.000	0.034	0.385	0.419	0.385	0.419
	Right Tilt	0.137	0.000	0.018	0.000	0.014	0.137	0.151	0.137	0.151
Body-worn & Hotspot	Back	0.944	0.008	0.202	0.075	0.032	1.027	0.984	1.027	0.984
	Front	0.545	0.004	0.082	0.000	0.008	0.549	0.557	0.549	0.557
Hotspot	Edge Top			0.013		0.004	0.000	0.004	0.000	0.004
	Edge Right	0.944		0.208			0.944	0.944	0.944	0.944
	Edge Bottom	0.948	0.000		0.000		0.948	0.948	0.948	0.948
	Edge Left	0.471	0.003		0.000	0.004	0.474	0.478	0.474	0.478
RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT2	802.15.4 (P _{High}) ANT3	802.15.4 (P _{High}) ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6				
Head	Left Cheek	0.778	0.000	0.268	0.000	0.006	0.778	0.784	0.778	0.784
	Left Tilt	0.906	0.000	0.061	0.000	0.006	0.906	0.912	0.906	0.912
	Right Cheek	0.944	0.000	0.055	0.000	0.034	0.944	0.979	0.944	0.979
	Right Tilt	0.932	0.000	0.018	0.000	0.014	0.932	0.946	0.932	0.946
Body-worn & Hotspot	Back	0.949	0.008	0.202	0.075	0.032	1.031	0.988	1.031	0.988
	Front	0.656	0.004	0.082	0.000	0.008	0.659	0.668	0.659	0.668
Hotspot	Edge Top	0.950		0.013		0.004	0.950	0.954	0.950	0.954
	Edge Right	0.257		0.208			0.257	0.257	0.257	0.257
	Edge Bottom		0.000		0.000		0.000	0.000	0.000	0.000
	Edge Left	0.950	0.003		0.000	0.004	0.953	0.956	0.953	0.956
RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT3	802.15.4 (P _{High}) ANT3	802.15.4 (P _{High}) ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6				
Head	Left Cheek	0.407	0.000	0.268	0.000	0.006	0.407	0.414	0.407	0.414
	Left Tilt	0.160	0.000	0.061	0.000	0.006	0.160	0.167	0.160	0.167
	Right Cheek	0.182	0.000	0.055	0.000	0.034	0.182	0.216	0.182	0.216
	Right Tilt	0.208	0.000	0.018	0.000	0.014	0.208	0.222	0.208	0.222
Body-worn & Hotspot	Back	0.946	0.008	0.202	0.075	0.032	1.028	0.986	1.028	0.986
	Front	0.690	0.004	0.082	0.000	0.008	0.694	0.702	0.694	0.702
Hotspot	Edge Top			0.013		0.004	0.000	0.004	0.000	0.004
	Edge Right			0.208			0.000	0.000	0.000	0.000
	Edge Bottom	0.423	0.000		0.000		0.423	0.423	0.423	0.423
	Edge Left	0.939	0.003		0.000	0.004	0.942	0.946	0.942	0.946
RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT4	802.15.4 (P _{High}) ANT3	802.15.4 (P _{High}) ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6				
Head	Left Cheek	0.948	0.000	0.268	0.000	0.006	0.949	0.955	0.949	0.955
	Left Tilt	0.604	0.000	0.061	0.000	0.006	0.604	0.611	0.604	0.611
	Right Cheek	0.513	0.000	0.055	0.000	0.034	0.513	0.547	0.513	0.547
	Right Tilt	0.410	0.000	0.018	0.000	0.014	0.410	0.424	0.410	0.424
Body-worn & Hotspot	Back	0.945	0.008	0.202	0.075	0.032	1.028	0.985	1.028	0.985
	Front	0.527	0.004	0.082	0.000	0.008	0.531	0.539	0.531	0.539
Hotspot	Edge Top	0.515		0.013		0.004	0.515	0.518	0.515	0.518
	Edge Right	0.948		0.208			0.948	0.948	0.948	0.948
	Edge Bottom		0.000		0.000		0.000	0.000	0.000	0.000
	Edge Left		0.003		0.000	0.004	0.003	0.006	0.003	0.006

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT7	802.15.4 (P _{High}) ANT3	802.15.4 (P _{High}) ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6				
Head	Left Cheek	0.075	0.000	0.268	0.000	0.006	0.075	0.082	0.075	0.082
	Left Tilt	0.038	0.000	0.061	0.000	0.006	0.038	0.045	0.038	0.045
	Right Cheek	0.184	0.000	0.055	0.000	0.034	0.184	0.218	0.184	0.218
	Right Tilt	0.025	0.000	0.018	0.000	0.014	0.025	0.039	0.025	0.039
Body-worn & Hotspot	Back	0.918	0.008	0.202	0.075	0.032	1.000	0.958	1.000	0.958
	Front	0.384	0.004	0.082	0.000	0.008	0.387	0.396	0.387	0.396
Hotspot	Edge Top			0.013		0.004	0.000	0.004	0.000	0.004
	Edge Right	0.871		0.208			0.871	0.871	0.871	0.871
	Edge Bottom	0.244	0.000		0.000		0.244	0.244	0.244	0.244
	Edge Left		0.003		0.000	0.004	0.003	0.006	0.003	0.006
RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT8	802.15.4 (P _{High}) ANT3	802.15.4 (P _{High}) ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6				
Head	Left Cheek	0.286	0.000	0.268	0.000	0.006	0.286	0.293	0.286	0.293
	Left Tilt	0.148	0.000	0.061	0.000	0.006	0.148	0.154	0.148	0.154
	Right Cheek	0.905	0.000	0.055	0.000	0.034	0.905	0.940	0.905	0.940
	Right Tilt	0.397	0.000	0.018	0.000	0.014	0.397	0.411	0.397	0.411
Body-worn & Hotspot	Back	0.503	0.008	0.202	0.075	0.032	0.586	0.543	0.586	0.543
	Front	0.454	0.004	0.082	0.000	0.008	0.458	0.466	0.458	0.466
Hotspot	Edge Top	0.195		0.013		0.004	0.195	0.199	0.195	0.199
	Edge Right			0.208			0.000	0.000	0.000	0.000
	Edge Bottom		0.000		0.000		0.000	0.000	0.000	0.000
	Edge Left	0.870	0.003		0.000	0.004	0.872	0.876	0.872	0.876
RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT9	802.15.4 (P _{High}) ANT3	802.15.4 (P _{High}) ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6				
Head	Left Cheek	0.103	0.000	0.268	0.000	0.006	0.104	0.110	0.104	0.110
	Left Tilt	0.027	0.000	0.061	0.000	0.006	0.027	0.034	0.027	0.034
	Right Cheek	0.019	0.000	0.055	0.000	0.034	0.019	0.054	0.019	0.054
	Right Tilt	0.031	0.000	0.018	0.000	0.014	0.031	0.045	0.031	0.045
Body-worn & Hotspot	Back	0.940	0.008	0.202	0.075	0.032	1.023	0.980	1.023	0.980
	Front	0.729	0.004	0.082	0.000	0.008	0.733	0.741	0.733	0.741
Hotspot	Edge Top			0.013		0.004	0.000	0.004	0.000	0.004
	Edge Right			0.208			0.000	0.000	0.000	0.000
	Edge Bottom	0.695	0.000		0.000		0.695	0.695	0.695	0.695
	Edge Left	0.816	0.003		0.000	0.004	0.819	0.823	0.819	0.823

12.20. WWAN(PCE) Cell-on & Wi-Fi 2.4G Power State 4 & NB UNII

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT1	Wi-Fi 2.4G Pstate 4 ANT3	Wi-Fi 2.4G Pstate 4 ANT4	NB UNII (P _{Low}) ANT5	NB UNII (P _{Low}) ANT6				
Head	Left Cheek	0.092	0.127	0.389	0.000	0.000	0.218	0.218	0.481	0.481
	Left Tilt	0.098	0.127	0.203	0.000	0.005	0.224	0.229	0.301	0.306
	Right Cheek	0.220	0.127	0.203	0.000	0.010	0.346	0.356	0.423	0.433
	Right Tilt	0.032	0.127	0.203	0.000	0.009	0.158	0.167	0.235	0.244
Body-worn & Hotspot	Back	0.833	0.368	0.445	0.052	0.032	1.253	1.233	1.330	1.310
	Front	0.428	0.368	0.177	0.001	0.000	0.797	0.796	0.606	0.605
Hotspot	Edge Top			0.177		0.000	0.000	0.000	0.177	0.177
	Edge Right	0.932		0.406			0.932	0.932	1.338	1.338
	Edge Bottom	0.402	0.368		0.001		0.770	0.769	0.403	0.402
	Edge Left		0.368		0.007	0.013	0.375	0.381	0.007	0.013
RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT2	Wi-Fi 2.4G Pstate 4 ANT3	Wi-Fi 2.4G Pstate 4 ANT4	NB UNII (P _{Low}) ANT5	NB UNII (P _{Low}) ANT6				
Head	Left Cheek	0.778	0.127	0.389	0.000	0.000	0.904	0.904	1.167	1.167
	Left Tilt	0.906	0.127	0.203	0.000	0.005	1.032	1.037	1.109	1.114
	Right Cheek	0.944	0.127	0.203	0.000	0.010	1.071	1.081	1.148	1.158
	Right Tilt	0.932	0.127	0.203	0.000	0.009	1.059	1.068	1.136	1.145
Body-worn & Hotspot	Back	0.949	0.368	0.445	0.052	0.032	1.368	1.348	1.445	1.425
	Front	0.656	0.368	0.177	0.001	0.000	1.025	1.024	0.834	0.833
Hotspot	Edge Top	0.950		0.177		0.000	0.950	0.950	1.127	1.127
	Edge Right	0.257		0.406			0.257	0.257	0.663	0.663
	Edge Bottom		0.368		0.001		0.369	0.368	0.001	0.000
	Edge Left	0.950	0.368		0.007	0.013	1.325	1.331	0.957	0.963
RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT3	Wi-Fi 2.4G Pstate 4 ANT3	Wi-Fi 2.4G Pstate 4 ANT4	NB UNII (P _{Low}) ANT5	NB UNII (P _{Low}) ANT6				
Head	Left Cheek	0.407	0.127	0.389	0.000	0.000	0.534	0.534	0.796	0.796
	Left Tilt	0.160	0.127	0.203	0.000	0.005	0.287	0.292	0.364	0.369
	Right Cheek	0.182	0.127	0.203	0.000	0.010	0.309	0.319	0.385	0.395
	Right Tilt	0.208	0.127	0.203	0.000	0.009	0.334	0.343	0.411	0.420
Body-worn & Hotspot	Back	0.946	0.368	0.445	0.052	0.032	1.366	1.346	1.443	1.423
	Front	0.690	0.368	0.177	0.001	0.000	1.059	1.058	0.868	0.867
Hotspot	Edge Top			0.177		0.000	0.000	0.000	0.177	0.177
	Edge Right			0.406			0.000	0.000	0.406	0.406
	Edge Bottom	0.423	0.368		0.001		0.792	0.791	0.424	0.423
	Edge Left	0.939	0.368		0.007	0.013	1.314	1.320	0.946	0.952
RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT4	Wi-Fi 2.4G Pstate 4 ANT3	Wi-Fi 2.4G Pstate 4 ANT4	NB UNII (P _{Low}) ANT5	NB UNII (P _{Low}) ANT6				
Head	Left Cheek	0.948	0.127	0.389	0.000	0.000	1.075	1.075	1.338	1.338
	Left Tilt	0.604	0.127	0.203	0.000	0.005	0.731	0.736	0.808	0.812
	Right Cheek	0.513	0.127	0.203	0.000	0.010	0.639	0.649	0.716	0.726
	Right Tilt	0.410	0.127	0.203	0.000	0.009	0.536	0.545	0.613	0.622
Body-worn & Hotspot	Back	0.945	0.368	0.445	0.052	0.032	1.365	1.345	1.442	1.422
	Front	0.527	0.368	0.177	0.001	0.000	0.896	0.895	0.705	0.705
Hotspot	Edge Top	0.515		0.177		0.000	0.515	0.515	0.692	0.692
	Edge Right	0.948		0.406			0.948	0.948	1.354	1.354
	Edge Bottom		0.368		0.001		0.369	0.368	0.001	0.000
	Edge Left		0.368		0.007	0.013	0.375	0.381	0.007	0.013

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT7	Wi-Fi 2.4G Pstate 4 ANT3	Wi-Fi 2.4G Pstate 4 ANT4	NB UNII (P _{Low}) ANT5	NB UNII (P _{Low}) ANT6				
Head	Left Cheek	0.075	0.127	0.389	0.000	0.000	0.202	0.202	0.464	0.464
	Left Tilt	0.038	0.127	0.203	0.000	0.005	0.165	0.170	0.242	0.246
	Right Cheek	0.184	0.127	0.203	0.000	0.010	0.311	0.321	0.387	0.397
	Right Tilt	0.025	0.127	0.203	0.000	0.009	0.151	0.160	0.228	0.237
Body-worn & Hotspot	Back	0.918	0.368	0.445	0.052	0.032	1.338	1.318	1.414	1.394
	Front	0.384	0.368	0.177	0.001	0.000	0.753	0.752	0.562	0.561
Hotspot	Edge Top			0.177		0.000	0.000	0.000	0.177	0.177
	Edge Right	0.871		0.406			0.871	0.871	1.277	1.277
	Edge Bottom		0.368		0.001		0.612	0.611	0.245	0.244
	Edge Left		0.368		0.007	0.013	0.375	0.381	0.007	0.013
RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT8	Wi-Fi 2.4G Pstate 4 ANT3	Wi-Fi 2.4G Pstate 4 ANT4	NB UNII (P _{Low}) ANT5	NB UNII (P _{Low}) ANT6				
Head	Left Cheek	0.286	0.127	0.389	0.000	0.000	0.413	0.413	0.675	0.675
	Left Tilt	0.148	0.127	0.203	0.000	0.005	0.275	0.279	0.351	0.356
	Right Cheek	0.905	0.127	0.203	0.000	0.010	1.032	1.042	1.109	1.119
	Right Tilt	0.397	0.127	0.203	0.000	0.009	0.523	0.532	0.600	0.609
Body-worn & Hotspot	Back	0.503	0.368	0.445	0.052	0.032	0.923	0.903	1.000	0.980
	Front	0.454	0.368	0.177	0.001	0.000	0.823	0.822	0.632	0.631
Hotspot	Edge Top	0.195		0.177		0.000	0.195	0.195	0.372	0.372
	Edge Right			0.406			0.000	0.000	0.406	0.406
	Edge Bottom		0.368		0.001		0.369	0.368	0.001	0.000
	Edge Left	0.870	0.368		0.007	0.013	1.244	1.250	0.877	0.883
RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT9	Wi-Fi 2.4G Pstate 4 ANT3	Wi-Fi 2.4G Pstate 4 ANT4	NB UNII (P _{Low}) ANT5	NB UNII (P _{Low}) ANT6				
Head	Left Cheek	0.103	0.127	0.389	0.000	0.000	0.230	0.230	0.493	0.493
	Left Tilt	0.027	0.127	0.203	0.000	0.005	0.154	0.159	0.231	0.235
	Right Cheek	0.019	0.127	0.203	0.000	0.010	0.146	0.156	0.223	0.233
	Right Tilt	0.031	0.127	0.203	0.000	0.009	0.157	0.166	0.234	0.243
Body-worn & Hotspot	Back	0.940	0.368	0.445	0.052	0.032	1.360	1.340	1.437	1.417
	Front	0.729	0.368	0.177	0.001	0.000	1.098	1.097	0.907	0.906
Hotspot	Edge Top			0.177		0.000	0.000	0.000	0.177	0.177
	Edge Right			0.406			0.000	0.000	0.406	0.406
	Edge Bottom	0.695	0.368		0.001		1.063	1.062	0.696	0.695
	Edge Left	0.816	0.368		0.007	0.013	1.191	1.197	0.823	0.829

12.21. WWAN(PCE) Cell-on & Wi-Fi 5G Power State 4 & BT & 802.15.4

RF Exposure conditions		Standalone SAR (W/kg)							Σ 1-g SAR (W/kg)								
		Test Position	1	2	3	4	5	6	7	1+2+4	1+2+5	1+3+4	1+3+5	1+2+6	1+2+7	1+3+6	1+3+7
			WWAN Cell-on ANT1	Wi-Fi 5G Pstate 4 ANT5	Wi-Fi 5G Pstate 4 ANT6	BT (P _{max}) ANT3	BT (P _{max}) ANT4	802.15.4 (P _{max}) ANT3	802.15.4 (P _{max}) ANT4								
Head	Left Cheek	0.092	0.099	0.389	0.018	0.066	0.000	0.019	0.208	0.257	0.498	0.547	0.191	0.209	0.481	0.499	
	Left Tilt	0.098	0.099	0.389	0.005	0.014	0.000	0.003	0.202	0.210	0.492	0.500	0.197	0.200	0.487	0.490	
	Right Cheek	0.220	0.099	0.389	0.008	0.017	0.000	0.004	0.327	0.336	0.617	0.626	0.319	0.323	0.609	0.613	
	Right Tilt	0.032	0.099	0.389	0.007	0.001	0.000	0.001	0.137	0.132	0.427	0.422	0.131	0.132	0.421	0.421	
Body-worn & Hotspot	Back	0.833	0.456	0.447	0.097	0.062	0.000	0.022	1.387	1.351	1.378	1.342	1.290	1.312	1.281	1.303	
	Front	0.428	0.090	0.235	0.054	0.037	0.000	0.009	0.572	0.555	0.717	0.700	0.518	0.527	0.663	0.672	
Hotspot	Edge Top			0.235		0.001		0.001	0.000	0.001	0.235	0.236	0.000	0.001	0.235	0.236	
	Edge Right	0.932				0.073		0.024	0.932	1.005	0.932	1.005	0.932	0.957	0.932	0.957	
	Edge Bottom	0.402	0.090			0.036		0.000	0.528	0.492	0.438	0.402	0.492	0.492	0.402	0.402	
	Edge Left		0.334	0.414	0.090		0.000		0.424	0.334	0.504	0.414	0.334	0.334	0.414	0.414	
RF Exposure conditions		Standalone SAR (W/kg)							Σ 1-g SAR (W/kg)								
		Test Position	1	2	3	4	5	6	7	1+2+4	1+2+5	1+3+4	1+3+5	1+2+6	1+2+7	1+3+6	1+3+7
			WWAN Cell-on ANT2	Wi-Fi 5G Pstate 4 ANT5	Wi-Fi 5G Pstate 4 ANT6	BT (P _{max}) ANT3	BT (P _{max}) ANT4	802.15.4 (P _{max}) ANT3	802.15.4 (P _{max}) ANT4								
Head	Left Cheek	0.778	0.099	0.389	0.018	0.066	0.000	0.019	0.894	0.943	1.184	1.233	0.877	0.895	1.167	1.185	
	Left Tilt	0.906	0.099	0.389	0.005	0.014	0.000	0.003	1.010	1.018	1.300	1.308	1.005	1.008	1.295	1.298	
	Right Cheek	0.944	0.099	0.389	0.008	0.017	0.000	0.004	1.051	1.060	1.341	1.350	1.043	1.047	1.333	1.337	
	Right Tilt	0.932	0.099	0.389	0.007	0.001	0.000	0.001	1.038	1.033	1.328	1.322	1.031	1.032	1.321	1.322	
Body-worn & Hotspot	Back	0.949	0.456	0.447	0.097	0.062	0.000	0.022	1.502	1.467	1.493	1.458	1.405	1.427	1.396	1.418	
	Front	0.656	0.090	0.235	0.054	0.037	0.000	0.009	0.800	0.783	0.945	0.928	0.746	0.755	0.891	0.900	
Hotspot	Edge Top	0.950		0.235		0.001		0.001	0.950	0.952	1.186	1.187	0.950	0.951	1.186	1.186	
	Edge Right	0.257				0.073		0.024	0.257	0.330	0.257	0.330	0.257	0.281	0.257	0.281	
	Edge Bottom		0.090			0.036		0.000	0.126	0.090	0.036	0.000	0.090	0.090	0.000	0.000	
	Edge Left	0.950	0.334	0.414	0.090		0.000		1.374	1.283	1.454	1.363	1.283	1.283	1.364	1.363	
RF Exposure conditions		Standalone SAR (W/kg)							Σ 1-g SAR (W/kg)								
		Test Position	1	2	3	4	5	6	7	1+2+4	1+2+5	1+3+4	1+3+5	1+2+6	1+2+7	1+3+6	1+3+7
			WWAN Cell-on ANT3	Wi-Fi 5G Pstate 4 ANT5	Wi-Fi 5G Pstate 4 ANT6	BT (P _{max}) ANT3	BT (P _{max}) ANT4	802.15.4 (P _{max}) ANT3	802.15.4 (P _{max}) ANT4								
Head	Left Cheek	0.407	0.099	0.389	0.018	0.066	0.000	0.019	0.524	0.573	0.814	0.863	0.506	0.525	0.796	0.815	
	Left Tilt	0.160	0.099	0.389	0.005	0.014	0.000	0.003	0.265	0.273	0.555	0.563	0.259	0.262	0.549	0.552	
	Right Cheek	0.182	0.099	0.389	0.008	0.017	0.000	0.004	0.289	0.298	0.579	0.588	0.281	0.285	0.571	0.575	
	Right Tilt	0.208	0.099	0.389	0.007	0.001	0.000	0.001	0.313	0.308	0.603	0.598	0.307	0.307	0.597	0.597	
Body-worn & Hotspot	Back	0.946	0.456	0.447	0.097	0.062	0.000	0.022	1.500	1.464	1.491	1.455	1.402	1.424	1.393	1.415	
	Front	0.690	0.090	0.235	0.054	0.037	0.000	0.009	0.834	0.817	0.979	0.962	0.780	0.789	0.925	0.934	
Hotspot	Edge Top			0.235		0.001		0.001	0.000	0.001	0.235	0.236	0.000	0.001	0.235	0.236	
	Edge Right					0.073		0.024	0.000	0.073	0.000	0.073	0.000	0.024	0.000	0.024	
	Edge Bottom	0.423	0.090			0.036		0.000	0.549	0.513	0.459	0.423	0.513	0.513	0.423	0.423	
	Edge Left	0.939	0.334	0.414	0.090		0.000		1.363	1.273	1.443	1.353	1.273	1.273	1.353	1.353	
RF Exposure conditions		Standalone SAR (W/kg)							Σ 1-g SAR (W/kg)								
		Test Position	1	2	3	4	5	6	7	1+2+4	1+2+5	1+3+4	1+3+5	1+2+6	1+2+7	1+3+6	1+3+7
			WWAN Cell-on ANT4	Wi-Fi 5G Pstate 4 ANT5	Wi-Fi 5G Pstate 4 ANT6	BT (P _{max}) ANT3	BT (P _{max}) ANT4	802.15.4 (P _{max}) ANT3	802.15.4 (P _{max}) ANT4								
Head	Left Cheek	0.948	0.099	0.389	0.018	0.066	0.000	0.019	1.065	1.114	1.355	1.404	1.048	1.066	1.337	1.356	
	Left Tilt	0.604	0.099	0.389	0.005	0.014	0.000	0.003	0.709	0.717	0.998	1.007	0.703	0.706	0.993	0.996	
	Right Cheek	0.513	0.099	0.389	0.008	0.017	0.000	0.004	0.620	0.629	0.910	0.919	0.612	0.616	0.902	0.906	
	Right Tilt	0.410	0.099	0.389	0.007	0.001	0.000	0.001	0.515	0.510	0.805	0.800	0.509	0.509	0.799	0.799	
Body-worn & Hotspot	Back	0.945	0.456	0.447	0.097	0.062	0.000	0.022	1.499	1.463	1.490	1.454	1.402	1.423	1.393	1.414	
	Front	0.527	0.090	0.235	0.054	0.037	0.000	0.009	0.672	0.655	0.817	0.800	0.618	0.627	0.763	0.772	
Hotspot	Edge Top	0.515		0.235		0.001		0.001	0.515	0.516	0.750	0.751	0.515	0.516	0.750	0.751	
	Edge Right	0.948				0.073		0.024	0.948	1.021	0.948	1.021	0.948	0.972	0.948	0.972	
	Edge Bottom		0.090			0.036		0.000	0.126	0.090	0.036	0.000	0.090	0.090	0.000	0.000	
	Edge Left		0.334	0.414	0.090		0.000		0.424	0.334	0.504	0.414	0.334	0.334	0.414	0.414	
RF Exposure conditions		Standalone SAR (W/kg)							Σ 1-g SAR (W/kg)								
		Test Position	1	2	3	4	5	6	7	1+2+4	1+2+5	1+3+4	1+3+5	1+2+6	1+2+7	1+3+6	1+3+7
			WWAN Cell-on ANT5	Wi-Fi 5G Pstate 4 ANT5	Wi-Fi 5G Pstate 4 ANT6	BT (P _{max}) ANT3	BT (P _{max}) ANT4	802.15.4 (P _{max}) ANT3	802.15.4 (P _{max}) ANT4								
Head	Left Cheek	0.075	0.099	0.389	0.018	0.066	0.000	0.019	0.192	0.241	0.482	0.531	0.174	0.193	0.464	0.483	
	Left Tilt	0.038	0.099	0.389	0.005	0.014	0.000	0.003	0.143	0.151	0.432	0.441	0.137	0.140	0.427	0.430	
	Right Cheek	0.184	0.099	0.389	0.008	0.017	0.000	0.004	0.291	0.300	0.581	0.590	0.283	0.287	0.573	0.577	
	Right Tilt	0.025	0.099	0.389	0.007	0.001	0.000	0.001	0.130	0.125	0.420	0.415	0.124	0.125	0.414	0.414	
Body-worn & Hotspot	Back	0.918	0.456	0.447	0.097	0.062	0.000	0.022	1.472	1.436	1.463	1.427	1.374	1.396	1.365	1.387	
	Front	0.384	0.090	0.235	0.054	0.037	0.000	0.009	0.528	0.511	0.673	0.656	0.474	0.483	0.619	0.628	
Hotspot	Edge Top			0.235		0.001		0.001	0.000	0.001	0.235	0.236	0.000	0.001	0.235	0.236	
	Edge Right	0.871				0.073		0.024	0.871	0.944	0.871	0.944	0.871	0.895	0.871	0.895	
	Edge Bottom	0.244	0.090			0.036		0.000	0.370	0.334	0.280	0.244	0.334	0.334	0.244	0.244	
	Edge Left		0.334	0.414	0.090		0.000		0.424	0.334	0.504	0.414	0.334	0.334	0.414	0.414	
RF Exposure conditions		Standalone SAR (W/kg)							Σ 1-g SAR (W/kg)								
		Test Position	1	2	3	4	5	6	7	1+2+4	1+2+5	1+3+4	1+3+5	1+2+6	1+2+7	1+3+6	1+3+7
			WWAN Cell-on ANT8	Wi-Fi 5G Pstate 4 ANT5	Wi-Fi 5G Pstate 4 ANT6	BT (P _{max}) ANT3	BT (P _{max}) ANT4	802.15.4 (P _{max}) ANT3	802.15.4 (P _{max}) ANT4								
Head	Left Cheek	0.286	0.099	0.389	0.018	0.066	0.000	0.019	0.403	0.452	0.693	0.742	0.385	0.404	0.675	0.694	
	Left Tilt	0.148	0.099	0.389	0.005	0.014	0.000	0.003	0.252	0.260	0.542	0.550	0.247	0.250	0.537	0.540	
	Right Cheek	0.905	0.099	0.389	0.008	0.017	0.000	0.004	1.012	1.022	1.302	1.311	1.004	1.008	1.294	1.298	
	Right Tilt	0.397	0.099	0.389	0.007	0.001	0.000	0.001	0.503	0.497	0.792	0.787	0.496	0.497	0.786	0.786	
Body-worn & Hotspot	Back	0.503	0.456	0.447	0.097	0.062	0.000	0.022	1.057	1.021	1.048	1.012	0.960	0.982	0.951	0.973	
	Front	0.454	0.090	0.235	0.054	0.037	0.000	0.009	0.588	0.581	0.743	0.726	0.544	0.553	0.689	0.698	
Hotspot	Edge Top	0.195		0.235		0.001		0.001	0.195	0.196	0.430	0.431	0.195	0.196	0.430	0.431	
	Edge Right					0.073		0.024	0.000	0.073	0.000	0.073	0.000	0.024	0.000	0.024	
	Edge Bottom		0.090			0.036		0.000	0.126	0.090	0.036	0.000	0.090	0.090	0.000	0.000	
	Edge Left	0.870	0.334	0.414	0.090		0.000		1								

12.22. WWAN(PCE) Cell-on & Wi-Fi 2.4G Power State 6 & 802.15.4ab NB

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT1	Wi-Fi 2.4G Pstate 6 ANT3	Wi-Fi 2.4G Pstate 6 ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6				
Head	Left Cheek	0.227	0.101	0.310	0.000	0.006	0.328	0.334	0.538	0.544
	Left Tilt	0.143	0.101	0.162	0.000	0.006	0.243	0.249	0.305	0.311
	Right Cheek	0.385	0.101	0.162	0.000	0.034	0.486	0.520	0.547	0.581
	Right Tilt	0.137	0.101	0.162	0.000	0.014	0.238	0.251	0.299	0.313
Body-worn & Hotspot	Back	0.944	0.292	0.359	0.075	0.032	1.311	1.268	1.378	1.335
	Front	0.545	0.292	0.150	0.000	0.008	0.837	0.845	0.695	0.704
Hotspot	Edge Top			0.150		0.004	0.000	0.004	0.150	0.154
	Edge Right	0.944		0.345			0.944	0.944	1.288	1.288
	Edge Bottom	0.948	0.292		0.000		1.240	1.240	0.948	0.948
	Edge Left	0.471	0.292		0.000	0.004	0.764	0.767	0.472	0.475
RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT2	Wi-Fi 2.4G Pstate 6 ANT3	Wi-Fi 2.4G Pstate 6 ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6				
Head	Left Cheek	0.778	0.101	0.310	0.000	0.006	0.878	0.884	1.088	1.094
	Left Tilt	0.906	0.101	0.162	0.000	0.006	1.006	1.013	1.068	1.074
	Right Cheek	0.944	0.101	0.162	0.000	0.034	1.045	1.079	1.107	1.141
	Right Tilt	0.932	0.101	0.162	0.000	0.014	1.033	1.047	1.095	1.109
Body-worn & Hotspot	Back	0.949	0.292	0.359	0.075	0.032	1.316	1.273	1.382	1.339
	Front	0.656	0.292	0.150	0.000	0.008	0.948	0.956	0.806	0.814
Hotspot	Edge Top	0.950		0.150		0.004	0.950	0.954	1.101	1.104
	Edge Right	0.257		0.345			0.257	0.257	0.602	0.602
	Edge Bottom		0.292		0.000		0.292	0.292	0.000	0.000
	Edge Left	0.950	0.292		0.000	0.004	1.242	1.245	0.950	0.953
RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT3	Wi-Fi 2.4G Pstate 6 ANT3	Wi-Fi 2.4G Pstate 6 ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6				
Head	Left Cheek	0.407	0.101	0.310	0.000	0.006	0.508	0.514	0.718	0.724
	Left Tilt	0.160	0.101	0.162	0.000	0.006	0.261	0.267	0.323	0.329
	Right Cheek	0.182	0.101	0.162	0.000	0.034	0.283	0.317	0.344	0.379
	Right Tilt	0.208	0.101	0.162	0.000	0.014	0.308	0.322	0.370	0.384
Body-worn & Hotspot	Back	0.946	0.292	0.359	0.075	0.032	1.313	1.270	1.379	1.337
	Front	0.690	0.292	0.150	0.000	0.008	0.982	0.991	0.840	0.849
Hotspot	Edge Top			0.150		0.004	0.000	0.004	0.150	0.154
	Edge Right			0.345			0.000	0.000	0.345	0.345
	Edge Bottom	0.423	0.292		0.000		0.715	0.715	0.423	0.423
	Edge Left	0.939	0.292		0.000	0.004	1.232	1.235	0.939	0.943
RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT4	Wi-Fi 2.4G Pstate 6 ANT3	Wi-Fi 2.4G Pstate 6 ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6				
Head	Left Cheek	0.948	0.101	0.310	0.000	0.006	1.049	1.055	1.259	1.265
	Left Tilt	0.604	0.101	0.162	0.000	0.006	0.705	0.711	0.767	0.773
	Right Cheek	0.513	0.101	0.162	0.000	0.034	0.613	0.648	0.675	0.709
	Right Tilt	0.410	0.101	0.162	0.000	0.014	0.510	0.524	0.572	0.586
Body-worn & Hotspot	Back	0.945	0.292	0.359	0.075	0.032	1.312	1.269	1.379	1.336
	Front	0.527	0.292	0.150	0.000	0.008	0.820	0.828	0.678	0.686
Hotspot	Edge Top	0.515		0.150		0.004	0.515	0.518	0.665	0.669
	Edge Right	0.948		0.345			0.948	0.948	1.293	1.293
	Edge Bottom		0.292		0.000		0.292	0.292	0.000	0.000
	Edge Left		0.292		0.000	0.004	0.292	0.296	0.000	0.004

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT7	Wi-Fi 2.4G Pstate 6 ANT3	Wi-Fi 2.4G Pstate 6 ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6				
Head	Left Cheek	0.075	0.101	0.310	0.000	0.006	0.176	0.182	0.386	0.392
	Left Tilt	0.038	0.101	0.162	0.000	0.006	0.139	0.145	0.201	0.207
	Right Cheek	0.184	0.101	0.162	0.000	0.034	0.285	0.319	0.346	0.381
	Right Tilt	0.025	0.101	0.162	0.000	0.014	0.125	0.139	0.187	0.201
Body-worn & Hotspot	Back	0.918	0.292	0.359	0.075	0.032	1.285	1.242	1.351	1.308
	Front	0.384	0.292	0.150	0.000	0.008	0.676	0.684	0.534	0.542
Hotspot	Edge Top			0.150		0.004	0.000	0.004	0.150	0.154
	Edge Right	0.871		0.345			0.871	0.871	1.216	1.216
	Edge Bottom	0.244	0.292		0.000		0.536	0.536	0.244	0.244
	Edge Left		0.292		0.000	0.004	0.292	0.296	0.000	0.004
RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT8	Wi-Fi 2.4G Pstate 6 ANT3	Wi-Fi 2.4G Pstate 6 ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6				
Head	Left Cheek	0.286	0.101	0.310	0.000	0.006	0.387	0.393	0.597	0.603
	Left Tilt	0.148	0.101	0.162	0.000	0.006	0.249	0.255	0.310	0.317
	Right Cheek	0.905	0.101	0.162	0.000	0.034	1.006	1.040	1.068	1.102
	Right Tilt	0.397	0.101	0.162	0.000	0.014	0.497	0.511	0.559	0.573
Body-worn & Hotspot	Back	0.503	0.292	0.359	0.075	0.032	0.870	0.828	0.937	0.894
	Front	0.454	0.292	0.150	0.000	0.008	0.746	0.754	0.604	0.613
Hotspot	Edge Top	0.195		0.150		0.004	0.195	0.199	0.345	0.349
	Edge Right			0.345			0.000	0.000	0.345	0.345
	Edge Bottom		0.292		0.000		0.292	0.292	0.000	0.000
	Edge Left	0.870	0.292		0.000	0.004	1.162	1.165	0.870	0.873
RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT9	Wi-Fi 2.4G Pstate 6 ANT3	Wi-Fi 2.4G Pstate 6 ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6				
Head	Left Cheek	0.103	0.101	0.310	0.000	0.006	0.204	0.210	0.414	0.420
	Left Tilt	0.027	0.101	0.162	0.000	0.006	0.128	0.134	0.189	0.196
	Right Cheek	0.019	0.101	0.162	0.000	0.034	0.120	0.154	0.182	0.216
	Right Tilt	0.031	0.101	0.162	0.000	0.014	0.131	0.145	0.193	0.207
Body-worn & Hotspot	Back	0.940	0.292	0.359	0.075	0.032	1.307	1.265	1.374	1.331
	Front	0.729	0.292	0.150	0.000	0.008	1.022	1.030	0.880	0.888
Hotspot	Edge Top			0.150		0.004	0.000	0.004	0.150	0.154
	Edge Right			0.345			0.000	0.000	0.345	0.345
	Edge Bottom	0.695	0.292		0.000		0.987	0.987	0.695	0.695
	Edge Left	0.816	0.292		0.000	0.004	1.109	1.112	0.816	0.820

12.23. WWAN(PCE) Cell-on & Wi-Fi 5G Power State 6 & BT & 802.15.4ab NB

RF Exposure conditions		Test Position	Standalone SAR (W/kg)							Σ 1-g SAR (W/kg)						
			1 WWAN Cell-on ANT1	2 Wi-Fi 5G Pstate 6 ANT5	3 Wi-Fi 5G Pstate 6 ANT6	4 BT (P _{1max}) ANT3	5 BT (P _{1max}) ANT4	6 802.15.4ab NB ANT5	7 802.15.4ab NB ANT6	1+2+4+6	1+2+4+7	1+3+4+6	1+3+4+7	1+2+5+6	1+2+5+7	1+3+5+6
Head	Left Cheek	0.227	0.083	0.309	0.018	0.066	0.000	0.006	0.327	0.334	0.554	0.560	0.376	0.383	0.602	0.609
	Left Tilt	0.143	0.083	0.309	0.005	0.014	0.000	0.006	0.231	0.237	0.457	0.463	0.239	0.245	0.465	0.471
	Right Cheek	0.385	0.083	0.309	0.008	0.017	0.000	0.034	0.476	0.510	0.702	0.736	0.485	0.519	0.711	0.745
	Right Tilt	0.137	0.083	0.309	0.007	0.001	0.000	0.014	0.226	0.240	0.453	0.467	0.221	0.235	0.447	0.461
Body-worn & Hotspot	Back	0.944	0.359	0.359	0.097	0.062	0.075	0.032	1.475	1.432	1.475	1.432	1.439	1.397	1.439	1.397
	Front	0.545	0.021	0.187	0.054	0.037	0.000	0.008	0.620	0.628	0.786	0.794	0.603	0.611	0.769	0.777
Hotspot	Edge Top			0.187		0.001		0.004	0.000	0.004	0.187	0.190	0.001	0.005	0.188	0.192
	Edge Right	0.944				0.073			0.944	0.944	0.944	0.944	1.016	1.016	1.016	1.016
	Edge Bottom	0.948	0.021		0.036		0.000		1.005	1.005	0.984	0.984	0.969	0.969	0.948	0.948
	Edge Left	0.471	0.138	0.329	0.090		0.000	0.004	0.699	0.703	0.890	0.894	0.609	0.613	0.800	0.804
RF Exposure conditions		Test Position	Standalone SAR (W/kg)							Σ 1-g SAR (W/kg)						
			1 WWAN Cell-on ANT2	2 Wi-Fi 5G Pstate 6 ANT5	3 Wi-Fi 5G Pstate 6 ANT6	4 BT (P _{1max}) ANT3	5 BT (P _{1max}) ANT4	6 802.15.4ab NB ANT5	7 802.15.4ab NB ANT6	1+2+4+6	1+2+4+7	1+3+4+6	1+3+4+7	1+2+5+6	1+2+5+7	1+3+5+6
Head	Left Cheek	0.778	0.083	0.309	0.018	0.066	0.000	0.006	0.878	0.884	1.104	1.110	0.927	0.933	1.153	1.159
	Left Tilt	0.906	0.083	0.309	0.005	0.014	0.000	0.006	0.994	1.000	1.220	1.226	1.002	1.008	1.228	1.235
	Right Cheek	0.944	0.083	0.309	0.008	0.017	0.000	0.034	1.035	1.069	1.261	1.295	1.044	1.078	1.270	1.305
	Right Tilt	0.932	0.083	0.309	0.007	0.001	0.000	0.014	1.022	1.036	1.248	1.262	1.016	1.030	1.243	1.256
Body-worn & Hotspot	Back	0.949	0.359	0.359	0.097	0.062	0.075	0.032	1.480	1.437	1.480	1.437	1.444	1.401	1.444	1.401
	Front	0.656	0.021	0.187	0.054	0.037	0.000	0.008	0.731	0.739	0.897	0.905	0.714	0.722	0.880	0.888
Hotspot	Edge Top	0.950		0.187		0.001		0.004	0.950	0.954	1.137	1.141	0.952	0.955	1.138	1.142
	Edge Right	0.257				0.073			0.257	0.257	0.257	0.257	0.330	0.330	0.330	0.330
	Edge Bottom		0.021		0.036		0.000		0.057	0.057	0.036	0.036	0.021	0.021	0.000	0.000
	Edge Left	0.950	0.138	0.329	0.090		0.000	0.004	1.178	1.181	1.369	1.372	1.088	1.091	1.278	1.282
RF Exposure conditions		Test Position	Standalone SAR (W/kg)							Σ 1-g SAR (W/kg)						
			1 WWAN Cell-on ANT3	2 Wi-Fi 5G Pstate 6 ANT5	3 Wi-Fi 5G Pstate 6 ANT6	4 BT (P _{1max}) ANT3	5 BT (P _{1max}) ANT4	6 802.15.4ab NB ANT5	7 802.15.4ab NB ANT6	1+2+4+6	1+2+4+7	1+3+4+6	1+3+4+7	1+2+5+6	1+2+5+7	1+3+5+6
Head	Left Cheek	0.407	0.083	0.309	0.018	0.066	0.000	0.006	0.508	0.514	0.734	0.740	0.557	0.563	0.783	0.789
	Left Tilt	0.160	0.083	0.309	0.005	0.014	0.000	0.006	0.248	0.255	0.475	0.481	0.257	0.263	0.483	0.489
	Right Cheek	0.182	0.083	0.309	0.008	0.017	0.000	0.034	0.273	0.307	0.499	0.533	0.282	0.316	0.508	0.542
	Right Tilt	0.208	0.083	0.309	0.007	0.001	0.000	0.014	0.297	0.311	0.523	0.537	0.292	0.306	0.518	0.532
Body-worn & Hotspot	Back	0.946	0.359	0.359	0.097	0.062	0.075	0.032	1.477	1.434	1.477	1.434	1.441	1.398	1.441	1.398
	Front	0.690	0.021	0.187	0.054	0.037	0.000	0.008	0.765	0.774	0.931	0.939	0.748	0.756	0.914	0.922
Hotspot	Edge Top			0.187		0.001		0.004	0.000	0.004	0.187	0.190	0.001	0.005	0.188	0.192
	Edge Right					0.073			0.000	0.000	0.000	0.000	0.073	0.073	0.073	0.073
	Edge Bottom	0.423	0.021		0.036		0.000		0.480	0.480	0.459	0.459	0.444	0.444	0.423	0.423
	Edge Left	0.939	0.138	0.329	0.090		0.000	0.004	1.167	1.171	1.358	1.362	1.077	1.081	1.268	1.271
RF Exposure conditions		Test Position	Standalone SAR (W/kg)							Σ 1-g SAR (W/kg)						
			1 WWAN Cell-on ANT4	2 Wi-Fi 5G Pstate 6 ANT5	3 Wi-Fi 5G Pstate 6 ANT6	4 BT (P _{1max}) ANT3	5 BT (P _{1max}) ANT4	6 802.15.4ab NB ANT5	7 802.15.4ab NB ANT6	1+2+4+6	1+2+4+7	1+3+4+6	1+3+4+7	1+2+5+6	1+2+5+7	1+3+5+6
Head	Left Cheek	0.948	0.083	0.309	0.018	0.066	0.000	0.006	1.049	1.055	1.275	1.281	1.098	1.104	1.324	1.330
	Left Tilt	0.604	0.083	0.309	0.005	0.014	0.000	0.006	0.692	0.699	0.919	0.925	0.701	0.707	0.927	0.933
	Right Cheek	0.513	0.083	0.309	0.008	0.017	0.000	0.034	0.604	0.638	0.830	0.864	0.613	0.647	0.839	0.873
	Right Tilt	0.410	0.083	0.309	0.007	0.001	0.000	0.014	0.499	0.513	0.725	0.739	0.494	0.508	0.720	0.734
Body-worn & Hotspot	Back	0.945	0.359	0.359	0.097	0.062	0.075	0.032	1.476	1.433	1.476	1.433	1.440	1.397	1.440	1.398
	Front	0.527	0.021	0.187	0.054	0.037	0.000	0.008	0.603	0.611	0.769	0.777	0.586	0.594	0.751	0.760
Hotspot	Edge Top	0.515		0.187		0.001		0.004	0.515	0.518	0.702	0.705	0.516	0.520	0.703	0.707
	Edge Right	0.948				0.073			0.948	0.948	0.948	0.948	1.021	1.021	1.021	1.021
	Edge Bottom		0.021		0.036		0.000		0.057	0.057	0.036	0.036	0.021	0.021	0.000	0.000
	Edge Left		0.138	0.329	0.090		0.000	0.004	0.228	0.231	0.419	0.422	0.138	0.141	0.329	0.332
RF Exposure conditions		Test Position	Standalone SAR (W/kg)							Σ 1-g SAR (W/kg)						
			1 WWAN Cell-on ANT5	2 Wi-Fi 5G Pstate 6 ANT5	3 Wi-Fi 5G Pstate 6 ANT6	4 BT (P _{1max}) ANT3	5 BT (P _{1max}) ANT4	6 802.15.4ab NB ANT5	7 802.15.4ab NB ANT6	1+2+4+6	1+2+4+7	1+3+4+6	1+3+4+7	1+2+5+6	1+2+5+7	1+3+5+6
Head	Left Cheek	0.075	0.083	0.309	0.018	0.066	0.000	0.006	0.176	0.182	0.402	0.408	0.224	0.231	0.451	0.457
	Left Tilt	0.038	0.083	0.309	0.005	0.014	0.000	0.006	0.126	0.133	0.353	0.359	0.135	0.141	0.361	0.367
	Right Cheek	0.184	0.083	0.309	0.008	0.017	0.000	0.034	0.275	0.309	0.501	0.535	0.284	0.318	0.510	0.544
	Right Tilt	0.025	0.083	0.309	0.007	0.001	0.000	0.014	0.114	0.128	0.340	0.354	0.109	0.123	0.335	0.349
Body-worn & Hotspot	Back	0.918	0.359	0.359	0.097	0.062	0.075	0.032	1.449	1.406	1.449	1.406	1.413	1.370	1.413	1.370
	Front	0.384	0.021	0.187	0.054	0.037	0.000	0.008	0.459	0.467	0.625	0.633	0.442	0.450	0.608	0.616
Hotspot	Edge Top			0.187		0.001		0.004	0.000	0.004	0.187	0.190	0.001	0.005	0.188	0.192
	Edge Right	0.871				0.073			0.871	0.871	0.871	0.871	0.944	0.944	0.944	0.944
	Edge Bottom	0.244	0.021		0.036		0.000		0.301	0.301	0.280	0.280	0.265	0.265	0.244	0.244
	Edge Left		0.138	0.329	0.090		0.000	0.004	0.228	0.231	0.419	0.422	0.138	0.141	0.329	0.332
RF Exposure conditions		Test Position	Standalone SAR (W/kg)							Σ 1-g SAR (W/kg)						
			1 WWAN Cell-on ANT8	2 Wi-Fi 5G Pstate 6 ANT5	3 Wi-Fi 5G Pstate 6 ANT6	4 BT (P _{1max}) ANT3	5 BT (P _{1max}) ANT4	6 802.15.4ab NB ANT5	7 802.15.4ab NB ANT6	1+2+4+6	1+2+4+7	1+3+4+6	1+3+4+7	1+2+5+6	1+2+5+7	1+3+5+6
Head	Left Cheek	0.286	0.083	0.309	0.018	0.066	0.000	0.006	0.387	0.393	0.613	0.619	0.435	0.442	0.662	0.668
	Left Tilt	0.148	0.083	0.309	0.005	0.014	0.000	0.006	0.236	0.242	0.462	0.469	0.244	0.251	0.470	0.477
	Right Cheek	0.905	0.083	0.309	0.008	0.017	0.000	0.034	0.996	1.030	1.222	1.257	1.005	1.040	1.232	1.266
	Right Tilt	0.397	0.083	0.309	0.007	0.001	0.000	0.014	0.486	0.500	0.713	0.726	0.481	0.495	0.707	0.721
Body-worn & Hotspot	Back	0.503	0.359	0.359	0.097	0.062	0.075	0.032	1.034	0.992	1.034	0.992	0.998	0.956	0.999	0.956
	Front	0.454	0.021	0.187	0.054	0.037	0.000	0.008	0.529	0.537	0.695	0.703	0.512	0.520	0.678	0.686
Hotspot	Edge Top	0.195		0.187		0.001		0.004	0.195	0.199	0.382	0.385	0.196	0.200	0.383	0.387
	Edge Right					0.073			0.000	0.000	0.000	0.000	0.073	0.073	0.073	0.073
	Edge Bottom		0.021		0.036		0.000		0.057	0.057	0.036	0.036	0.021	0.021	0.000	0.000
	Edge Left	0.870	0.138	0.329	0.090		0.000	0.004	1.098	1.101	1.288	1.292	1.007	1.011	1.198	1.202
RF Exposure conditions		Test Position														

12.24. WWAN(PCE) Cell-on & Wi-Fi 5G Power State 6 & 802.15.4 & 802.15.4ab NB

RF Exposure conditions	Test Position	Standalone SAR (W/kg)							Σ 1-g SAR (W/kg)							
		1	2	3	4	5	6	7	1+2+4+6	1+2+4+7	1+3+4+6	1+3+4+7	1+2+5+6	1+2+5+7	1+3+5+6	1+3+5+7
		WWAN Cell-on ANT1	Wi-Fi 5G Pstate 6 ANT5	Wi-Fi 5G Pstate 6 ANT6	802.15.4 (P _{max}) ANT3	802.15.4 (P _{max}) ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6								
Head	Left Cheek	0.227	0.083	0.309	0.000	0.019	0.000	0.006	0.310	0.316	0.536	0.542	0.328	0.335	0.555	0.561
	Left Tilt	0.143	0.083	0.309	0.000	0.003	0.000	0.006	0.225	0.232	0.452	0.458	0.229	0.235	0.455	0.461
	Right Cheek	0.385	0.083	0.309	0.000	0.004	0.000	0.034	0.468	0.502	0.694	0.728	0.472	0.506	0.698	0.732
	Right Tilt	0.137	0.083	0.309	0.000	0.001	0.000	0.014	0.220	0.234	0.446	0.460	0.221	0.234	0.447	0.461
Body-worn & Hotspot	Back	0.944	0.359	0.359	0.000	0.022	0.075	0.032	1.378	1.335	1.378	1.335	1.400	1.357	1.400	1.357
	Front	0.545	0.021	0.187	0.000	0.009	0.000	0.008	0.566	0.574	0.732	0.740	0.575	0.583	0.741	0.749
Hotspot	Edge Top			0.187		0.001		0.004	0.000	0.004	0.187	0.190	0.001	0.004	0.188	0.191
	Edge Right	0.944				0.024			0.944	0.944	0.944	0.944	0.968	0.968	0.968	0.968
	Edge Bottom	0.948	0.021		0.000		0.000		0.969	0.969	0.948	0.948	0.969	0.969	0.948	0.948
	Edge Left	0.471	0.138	0.329	0.000		0.000	0.004	0.609	0.613	0.800	0.804	0.609	0.613	0.800	0.804
RF Exposure conditions	Test Position	Standalone SAR (W/kg)							Σ 1-g SAR (W/kg)							
		1	2	3	4	5	6	7	1+2+4+6	1+2+4+7	1+3+4+6	1+3+4+7	1+2+5+6	1+2+5+7	1+3+5+6	1+3+5+7
		WWAN Cell-on ANT2	Wi-Fi 5G Pstate 6 ANT5	Wi-Fi 5G Pstate 6 ANT6	802.15.4 (P _{max}) ANT3	802.15.4 (P _{max}) ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6								
Head	Left Cheek	0.778	0.083	0.309	0.000	0.019	0.000	0.006	0.861	0.867	1.087	1.093	0.879	0.885	1.105	1.111
	Left Tilt	0.906	0.083	0.309	0.000	0.003	0.000	0.006	0.989	0.995	1.215	1.221	0.992	0.998	1.218	1.224
	Right Cheek	0.944	0.083	0.309	0.000	0.004	0.000	0.034	1.027	1.061	1.253	1.287	1.031	1.065	1.257	1.291
	Right Tilt	0.932	0.083	0.309	0.000	0.001	0.000	0.014	1.015	1.029	1.241	1.255	1.016	1.030	1.242	1.256
Body-worn & Hotspot	Back	0.949	0.359	0.359	0.000	0.022	0.075	0.032	1.382	1.339	1.382	1.340	1.404	1.361	1.404	1.361
	Front	0.656	0.021	0.187	0.000	0.009	0.000	0.008	0.677	0.685	0.843	0.851	0.686	0.694	0.852	0.860
Hotspot	Edge Top	0.950		0.187		0.001		0.004	0.950	0.954	1.137	1.141	0.951	0.955	1.138	1.142
	Edge Right	0.257				0.024			0.257	0.257	0.257	0.257	0.281	0.281	0.281	0.281
	Edge Bottom		0.021		0.000		0.000		0.021	0.021	0.000	0.000	0.021	0.021	0.000	0.000
	Edge Left	0.950	0.138	0.329	0.000		0.000	0.004	1.088	1.091	1.279	1.282	1.088	1.091	1.278	1.282
RF Exposure conditions	Test Position	Standalone SAR (W/kg)							Σ 1-g SAR (W/kg)							
		1	2	3	4	5	6	7	1+2+4+6	1+2+4+7	1+3+4+6	1+3+4+7	1+2+5+6	1+2+5+7	1+3+5+6	1+3+5+7
		WWAN Cell-on ANT3	Wi-Fi 5G Pstate 6 ANT5	Wi-Fi 5G Pstate 6 ANT6	802.15.4 (P _{max}) ANT3	802.15.4 (P _{max}) ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6								
Head	Left Cheek	0.407	0.083	0.309	0.000	0.019	0.000	0.006	0.490	0.497	0.716	0.723	0.509	0.515	0.735	0.741
	Left Tilt	0.160	0.083	0.309	0.000	0.003	0.000	0.006	0.243	0.249	0.469	0.476	0.246	0.253	0.472	0.479
	Right Cheek	0.182	0.083	0.309	0.000	0.004	0.000	0.034	0.265	0.299	0.491	0.525	0.269	0.303	0.495	0.529
	Right Tilt	0.208	0.083	0.309	0.000	0.001	0.000	0.014	0.291	0.304	0.517	0.531	0.291	0.305	0.517	0.531
Body-worn & Hotspot	Back	0.946	0.359	0.359	0.000	0.022	0.075	0.032	1.380	1.337	1.380	1.337	1.401	1.359	1.401	1.359
	Front	0.690	0.021	0.187	0.000	0.009	0.000	0.008	0.711	0.720	0.877	0.885	0.720	0.728	0.886	0.894
Hotspot	Edge Top			0.187		0.001		0.004	0.000	0.004	0.187	0.190	0.001	0.004	0.188	0.191
	Edge Right					0.024			0.000	0.000	0.000	0.000	0.024	0.024	0.024	0.024
	Edge Bottom	0.423	0.021		0.000		0.000		0.444	0.444	0.423	0.423	0.444	0.444	0.423	0.423
	Edge Left	0.939	0.138	0.329	0.000		0.000	0.004	1.077	1.081	1.268	1.272	1.077	1.081	1.268	1.271
RF Exposure conditions	Test Position	Standalone SAR (W/kg)							Σ 1-g SAR (W/kg)							
		1	2	3	4	5	6	7	1+2+4+6	1+2+4+7	1+3+4+6	1+3+4+7	1+2+5+6	1+2+5+7	1+3+5+6	1+3+5+7
		WWAN Cell-on ANT4	Wi-Fi 5G Pstate 6 ANT5	Wi-Fi 5G Pstate 6 ANT6	802.15.4 (P _{max}) ANT3	802.15.4 (P _{max}) ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6								
Head	Left Cheek	0.948	0.083	0.309	0.000	0.019	0.000	0.006	1.031	1.038	1.258	1.264	1.050	1.056	1.276	1.282
	Left Tilt	0.604	0.083	0.309	0.000	0.003	0.000	0.006	0.687	0.693	0.913	0.920	0.690	0.697	0.916	0.923
	Right Cheek	0.513	0.083	0.309	0.000	0.004	0.000	0.034	0.596	0.630	0.822	0.856	0.600	0.634	0.826	0.860
	Right Tilt	0.410	0.083	0.309	0.000	0.001	0.000	0.014	0.493	0.507	0.719	0.733	0.493	0.507	0.719	0.733
Body-worn & Hotspot	Back	0.945	0.359	0.359	0.000	0.022	0.075	0.032	1.379	1.336	1.379	1.336	1.401	1.358	1.401	1.358
	Front	0.527	0.021	0.187	0.000	0.009	0.000	0.008	0.549	0.557	0.715	0.723	0.558	0.566	0.723	0.732
Hotspot	Edge Top	0.515		0.187		0.001		0.004	0.515	0.518	0.702	0.705	0.516	0.519	0.703	0.706
	Edge Right	0.948				0.024			0.948	0.948	0.948	0.948	0.972	0.972	0.972	0.972
	Edge Bottom		0.021		0.000		0.000		0.021	0.021	0.000	0.000	0.021	0.021	0.000	0.000
	Edge Left		0.138	0.329	0.000		0.000	0.004	0.138	0.141	0.329	0.332	0.138	0.141	0.329	0.332
RF Exposure conditions	Test Position	Standalone SAR (W/kg)							Σ 1-g SAR (W/kg)							
		1	2	3	4	5	6	7	1+2+4+6	1+2+4+7	1+3+4+6	1+3+4+7	1+2+5+6	1+2+5+7	1+3+5+6	1+3+5+7
		WWAN Cell-on ANT5	Wi-Fi 5G Pstate 6 ANT5	Wi-Fi 5G Pstate 6 ANT6	802.15.4 (P _{max}) ANT3	802.15.4 (P _{max}) ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6								
Head	Left Cheek	0.075	0.083	0.309	0.000	0.019	0.000	0.006	0.158	0.164	0.384	0.391	0.177	0.183	0.403	0.409
	Left Tilt	0.038	0.083	0.309	0.000	0.003	0.000	0.006	0.121	0.127	0.347	0.354	0.124	0.130	0.350	0.357
	Right Cheek	0.184	0.083	0.309	0.000	0.004	0.000	0.034	0.267	0.301	0.493	0.527	0.271	0.305	0.497	0.531
	Right Tilt	0.025	0.083	0.309	0.000	0.001	0.000	0.014	0.108	0.122	0.334	0.348	0.108	0.122	0.335	0.348
Body-worn & Hotspot	Back	0.918	0.359	0.359	0.000	0.022	0.075	0.032	1.352	1.309	1.352	1.309	1.373	1.330	1.373	1.331
	Front	0.384	0.021	0.187	0.000	0.009	0.000	0.008	0.405	0.413	0.571	0.579	0.414	0.422	0.580	0.588
Hotspot	Edge Top			0.187		0.001		0.004	0.000	0.004	0.187	0.190	0.001	0.004	0.188	0.191
	Edge Right	0.871				0.024			0.871	0.871	0.871	0.871	0.895	0.895	0.895	0.895
	Edge Bottom	0.244	0.021		0.000		0.000		0.265	0.265	0.244	0.244	0.265	0.265	0.244	0.244
	Edge Left		0.138	0.329	0.000		0.000	0.004	0.138	0.141	0.329	0.332	0.138	0.141	0.329	0.332
RF Exposure conditions	Test Position	Standalone SAR (W/kg)							Σ 1-g SAR (W/kg)							
		1	2	3	4	5	6	7	1+2+4+6	1+2+4+7	1+3+4+6	1+3+4+7	1+2+5+6	1+2+5+7	1+3+5+6	1+3+5+7
		WWAN Cell-on ANT6	Wi-Fi 5G Pstate 6 ANT5	Wi-Fi 5G Pstate 6 ANT6	802.15.4 (P _{max}) ANT3	802.15.4 (P _{max}) ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6								
Head	Left Cheek	0.286	0.083	0.309	0.000	0.019	0.000	0.006	0.369	0.375	0.595	0.602	0.388	0.394	0.614	0.620
	Left Tilt	0.148	0.083	0.309	0.000	0.003	0.000	0.006	0.231	0.237	0.457	0.463	0.234	0.240	0.460	0.466
	Right Cheek	0.905	0.083	0.309	0.000	0.004	0.000	0.034	0.988	1.022	1.214	1.249	0.992	1.026	1.218	1.253
	Right Tilt	0.397	0.083	0.309	0.000	0.001	0.000	0.014	0.480	0.494	0.706	0.720	0.480	0.494	0.707	0.720
Body-worn & Hotspot	Back	0.503	0.359	0.359	0.000	0.022	0.075	0.032	0.937	0.894	0.937	0.894	0.959	0.916	0.959	0.916
	Front	0.454	0.021	0.187	0.000	0.009	0.000	0.008	0.475	0.483	0.641	0.649	0.484	0.492	0.650	0.658
Hotspot	Edge Top	0.195		0.187		0.001		0.004	0.195	0.199	0.382	0.385	0.196	0.199	0.383	0.386
	Edge Right			0.187		0.024			0.000	0.000	0.000	0.000	0.024	0.024	0.024	0.024
	Edge Bottom	0.695	0.021		0.000		0.000		0.021	0.021	0.000	0.000	0.021	0.021	0.000	

12.25. WWAN(CBE) Cell-on & BT & NB UNII & 802.15.4

RF Exposure conditions	Test Position	Standalone SAR (W/kg)							Σ 1-g SAR (W/kg)					
		1	2	3	4	5	6	7	1+2	1+3	1+4	1+5	1+6	1+7
		WWAN Cell-on ANT4	BT (P _{1g}) ANT3	BT (P _{1g}) ANT4	NB UNII (P _{1g}) ANT5	NB UNII (P _{1g}) ANT6	802.15.4 (P _{1g}) ANT3	802.15.4 (P _{1g}) ANT4						
Head	Left Cheek	0.835	0.094	0.339	0.022	0.111	0.000	0.268	0.929	1.174	0.857	0.946	0.835	1.102
	Left Tilt	0.731	0.036	0.103	0.038	0.108	0.000	0.061	0.766	0.834	0.769	0.839	0.731	0.792
	Right Cheek	0.200	0.028	0.089	0.058	0.275	0.000	0.055	0.228	0.289	0.258	0.475	0.200	0.254
	Right Tilt	0.255	0.026	0.028	0.004	0.230	0.000	0.018	0.281	0.283	0.259	0.485	0.255	0.273
Body-worn & Hotspot	Back	0.932	0.396	0.283	0.395	0.171	0.008	0.202	1.328	1.215	1.327	1.103	0.940	1.135
	Front	0.199	0.217	0.191	0.020	0.032	0.004	0.082	0.416	0.390	0.219	0.231	0.202	0.280
Hotspot	Edge Top	0.206		0.013		0.020		0.013	0.206	0.219	0.206	0.225	0.206	0.219
	Edge Right	0.701		0.363				0.208	0.701	1.064	0.701	0.701	0.701	0.909
	Edge Bottom		0.098		0.022		0.000		0.098	0.000	0.022	0.000	0.000	0.000
	Edge Left		0.382		0.158	0.106	0.003		0.382	0.000	0.158	0.106	0.003	0.000
RF Exposure conditions	Test Position	Standalone SAR (W/kg)							Σ 1-g SAR (W/kg)					
		1	2	3	4	5	6	7	1+2	1+3	1+4	1+5	1+6	1+7
		WWAN Cell-on ANT7	BT (P _{1g}) ANT3	BT (P _{1g}) ANT4	NB UNII (P _{1g}) ANT5	NB UNII (P _{1g}) ANT6	802.15.4 (P _{1g}) ANT3	802.15.4 (P _{1g}) ANT4						
Head	Left Cheek	0.092	0.094	0.339	0.022	0.111	0.000	0.268	0.186	0.431	0.114	0.203	0.092	0.359
	Left Tilt	0.098	0.036	0.103	0.038	0.108	0.000	0.061	0.133	0.201	0.136	0.205	0.098	0.159
	Right Cheek	0.220	0.028	0.089	0.058	0.275	0.000	0.055	0.248	0.309	0.278	0.495	0.220	0.274
	Right Tilt	0.032	0.026	0.028	0.004	0.230	0.000	0.018	0.057	0.060	0.036	0.262	0.032	0.050
Body-worn & Hotspot	Back	0.833	0.396	0.283	0.395	0.171	0.008	0.202	1.229	1.116	1.228	1.004	0.841	1.036
	Front	0.428	0.217	0.191	0.020	0.032	0.004	0.082	0.645	0.619	0.448	0.460	0.432	0.510
Hotspot	Edge Top			0.013		0.020		0.013	0.000	0.013	0.000	0.020	0.000	0.013
	Edge Right	0.932		0.363				0.208	0.932	1.295	0.932	0.932	0.932	1.140
	Edge Bottom	0.402	0.098		0.022		0.000		0.500	0.402	0.424	0.402	0.402	0.402
	Edge Left		0.382		0.158	0.106	0.003		0.382	0.000	0.158	0.106	0.003	0.000
RF Exposure conditions	Test Position	Standalone SAR (W/kg)							Σ 1-g SAR (W/kg)					
		1	2	3	4	5	6	7	1+2	1+3	1+4	1+5	1+6	1+7
		WWAN Cell-on ANT8	BT (P _{1g}) ANT3	BT (P _{1g}) ANT4	NB UNII (P _{1g}) ANT5	NB UNII (P _{1g}) ANT6	802.15.4 (P _{1g}) ANT3	802.15.4 (P _{1g}) ANT4						
Head	Left Cheek	0.197	0.094	0.339	0.022	0.111	0.000	0.268	0.291	0.536	0.219	0.308	0.197	0.464
	Left Tilt	0.146	0.036	0.103	0.038	0.108	0.000	0.061	0.182	0.249	0.184	0.254	0.146	0.208
	Right Cheek	0.939	0.028	0.089	0.058	0.275	0.000	0.055	0.967	1.028	0.997	1.213	0.939	0.993
	Right Tilt	0.434	0.026	0.028	0.004	0.230	0.000	0.018	0.460	0.462	0.438	0.664	0.434	0.452
Body-worn & Hotspot	Back	0.513	0.396	0.283	0.395	0.171	0.008	0.202	0.909	0.796	0.908	0.684	0.521	0.716
	Front	0.344	0.217	0.191	0.020	0.032	0.004	0.082	0.561	0.535	0.364	0.376	0.347	0.426
Hotspot	Edge Top	0.165		0.013		0.020		0.013	0.165	0.178	0.165	0.185	0.165	0.178
	Edge Right			0.363				0.208	0.000	0.363	0.000	0.000	0.000	0.208
	Edge Bottom		0.098		0.022		0.000		0.098	0.000	0.022	0.000	0.000	0.000
	Edge Left	0.919	0.382		0.158	0.106	0.003		1.301	0.919	1.077	1.025	0.922	0.919
RF Exposure conditions	Test Position	Standalone SAR (W/kg)							Σ 1-g SAR (W/kg)					
		1	2	3	4	5	6	7	1+2	1+3	1+4	1+5	1+6	1+7
		WWAN Cell-on ANT9	BT (P _{1g}) ANT3	BT (P _{1g}) ANT4	NB UNII (P _{1g}) ANT5	NB UNII (P _{1g}) ANT6	802.15.4 (P _{1g}) ANT3	802.15.4 (P _{1g}) ANT4						
Head	Left Cheek	0.051	0.094	0.339	0.022	0.111	0.000	0.268	0.145	0.390	0.073	0.162	0.051	0.318
	Left Tilt	0.025	0.036	0.103	0.038	0.108	0.000	0.061	0.061	0.128	0.063	0.133	0.025	0.086
	Right Cheek	0.032	0.028	0.089	0.058	0.275	0.000	0.055	0.060	0.121	0.090	0.307	0.032	0.086
	Right Tilt	0.024	0.026	0.028	0.004	0.230	0.000	0.018	0.049	0.051	0.028	0.254	0.024	0.042
Body-worn & Hotspot	Back	0.948	0.396	0.283	0.395	0.171	0.008	0.202	1.344	1.231	1.343	1.119	0.956	1.151
	Front	0.679	0.217	0.191	0.020	0.032	0.004	0.082	0.896	0.870	0.699	0.711	0.683	0.761
Hotspot	Edge Top			0.013		0.020		0.013	0.000	0.013	0.000	0.020	0.000	0.013
	Edge Right			0.363				0.208	0.000	0.363	0.000	0.000	0.000	0.208
	Edge Bottom	0.777	0.098		0.022		0.000		0.875	0.777	0.799	0.777	0.777	0.777
	Edge Left	0.568	0.382		0.158	0.106	0.003		0.950	0.568	0.726	0.674	0.571	0.568

12.26. WWAN(CBE) Cell-on & BT & 802.15.4ab NB

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT4	BT (P _{High}) ANT3	BT (P _{High}) ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6				
Head	Left Cheek	0.835	0.018	0.066	0.000	0.006	0.852	0.859	0.901	0.908
	Left Tilt	0.731	0.005	0.014	0.000	0.006	0.736	0.743	0.745	0.751
	Right Cheek	0.200	0.008	0.017	0.000	0.034	0.208	0.242	0.217	0.251
	Right Tilt	0.255	0.007	0.001	0.000	0.014	0.262	0.276	0.256	0.270
Body-worn & Hotspot	Back	0.932	0.097	0.062	0.075	0.032	1.105	1.062	1.069	1.026
	Front	0.199	0.054	0.037	0.000	0.008	0.253	0.261	0.236	0.244
Hotspot	Edge Top	0.206		0.001		0.004	0.206	0.209	0.207	0.210
	Edge Right	0.701		0.073			0.701	0.701	0.774	0.774
	Edge Bottom		0.036		0.000		0.036	0.036	0.000	0.000
	Edge Left		0.090		0.000	0.004	0.090	0.094	0.000	0.004
RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT7	BT (P _{High}) ANT3	BT (P _{High}) ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6				
Head	Left Cheek	0.092	0.018	0.066	0.000	0.006	0.109	0.116	0.158	0.164
	Left Tilt	0.098	0.005	0.014	0.000	0.006	0.103	0.109	0.111	0.117
	Right Cheek	0.220	0.008	0.017	0.000	0.034	0.228	0.262	0.237	0.271
	Right Tilt	0.032	0.007	0.001	0.000	0.014	0.039	0.052	0.033	0.047
Body-worn & Hotspot	Back	0.833	0.097	0.062	0.075	0.032	1.006	0.963	0.970	0.927
	Front	0.428	0.054	0.037	0.000	0.008	0.482	0.490	0.465	0.473
Hotspot	Edge Top			0.001		0.004	0.000	0.004	0.001	0.005
	Edge Right	0.932		0.073			0.932	0.932	1.005	1.005
	Edge Bottom	0.402	0.036		0.000		0.438	0.438	0.402	0.402
	Edge Left		0.090		0.000	0.004	0.090	0.094	0.000	0.004
RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT8	BT (P _{High}) ANT3	BT (P _{High}) ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6				
Head	Left Cheek	0.197	0.018	0.066	0.000	0.006	0.214	0.220	0.263	0.269
	Left Tilt	0.146	0.005	0.014	0.000	0.006	0.152	0.158	0.160	0.166
	Right Cheek	0.939	0.008	0.017	0.000	0.034	0.947	0.981	0.956	0.990
	Right Tilt	0.434	0.007	0.001	0.000	0.014	0.441	0.455	0.435	0.449
Body-worn & Hotspot	Back	0.513	0.097	0.062	0.075	0.032	0.686	0.643	0.650	0.607
	Front	0.344	0.054	0.037	0.000	0.008	0.398	0.406	0.381	0.389
Hotspot	Edge Top	0.165		0.001		0.004	0.165	0.168	0.166	0.170
	Edge Right			0.073			0.000	0.000	0.073	0.073
	Edge Bottom		0.036		0.000		0.036	0.036	0.000	0.000
	Edge Left	0.919	0.090		0.000	0.004	1.010	1.013	0.919	0.923
RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT9	BT (P _{High}) ANT3	BT (P _{High}) ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6				
Head	Left Cheek	0.051	0.018	0.066	0.000	0.006	0.068	0.074	0.117	0.123
	Left Tilt	0.025	0.005	0.014	0.000	0.006	0.031	0.037	0.039	0.045
	Right Cheek	0.032	0.008	0.017	0.000	0.034	0.040	0.074	0.049	0.083
	Right Tilt	0.024	0.007	0.001	0.000	0.014	0.030	0.044	0.025	0.039
Body-worn & Hotspot	Back	0.948	0.097	0.062	0.075	0.032	1.121	1.078	1.085	1.042
	Front	0.679	0.054	0.037	0.000	0.008	0.733	0.741	0.716	0.724
Hotspot	Edge Top			0.001		0.004	0.000	0.004	0.001	0.005
	Edge Right			0.073			0.000	0.000	0.073	0.073
	Edge Bottom	0.777	0.036		0.000		0.813	0.813	0.777	0.777
	Edge Left	0.568	0.090		0.000	0.004	0.658	0.662	0.568	0.571

12.27. WWAN(CBE) Cell-on & BT & 802.15.4ab NB

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT4	802.15.4 (P _{High}) ANT3	802.15.4 (P _{High}) ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6				
Head	Left Cheek	0.835	0.000	0.268	0.000	0.006	0.835	0.841	0.835	0.841
	Left Tilt	0.731	0.000	0.061	0.000	0.006	0.731	0.737	0.731	0.737
	Right Cheek	0.200	0.000	0.055	0.000	0.034	0.200	0.234	0.200	0.234
	Right Tilt	0.255	0.000	0.018	0.000	0.014	0.255	0.269	0.255	0.269
Body-worn & Hotspot	Back	0.932	0.008	0.202	0.075	0.032	1.015	0.972	1.015	0.972
	Front	0.199	0.004	0.082	0.000	0.008	0.202	0.210	0.202	0.210
Hotspot	Edge Top	0.206		0.013		0.004	0.206	0.209	0.206	0.209
	Edge Right	0.701		0.208			0.701	0.701	0.701	0.701
	Edge Bottom		0.000		0.000		0.000	0.000	0.000	0.000
	Edge Left		0.003		0.000	0.004	0.003	0.006	0.003	0.006
RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT7	802.15.4 (P _{High}) ANT3	802.15.4 (P _{High}) ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6				
Head	Left Cheek	0.092	0.000	0.268	0.000	0.006	0.092	0.098	0.092	0.098
	Left Tilt	0.098	0.000	0.061	0.000	0.006	0.098	0.104	0.098	0.104
	Right Cheek	0.220	0.000	0.055	0.000	0.034	0.220	0.254	0.220	0.254
	Right Tilt	0.032	0.000	0.018	0.000	0.014	0.032	0.046	0.032	0.046
Body-worn & Hotspot	Back	0.833	0.008	0.202	0.075	0.032	0.916	0.873	0.916	0.873
	Front	0.428	0.004	0.082	0.000	0.008	0.432	0.440	0.432	0.440
Hotspot	Edge Top			0.013		0.004	0.000	0.004	0.000	0.004
	Edge Right	0.932		0.208			0.932	0.932	0.932	0.932
	Edge Bottom	0.402	0.000		0.000		0.402	0.402	0.402	0.402
	Edge Left		0.003		0.000	0.004	0.003	0.006	0.003	0.006
RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT8	802.15.4 (P _{High}) ANT3	802.15.4 (P _{High}) ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6				
Head	Left Cheek	0.197	0.000	0.268	0.000	0.006	0.197	0.203	0.197	0.203
	Left Tilt	0.146	0.000	0.061	0.000	0.006	0.147	0.153	0.147	0.153
	Right Cheek	0.939	0.000	0.055	0.000	0.034	0.939	0.973	0.939	0.973
	Right Tilt	0.434	0.000	0.018	0.000	0.014	0.434	0.448	0.434	0.448
Body-worn & Hotspot	Back	0.513	0.008	0.202	0.075	0.032	0.596	0.553	0.596	0.553
	Front	0.344	0.004	0.082	0.000	0.008	0.348	0.356	0.348	0.356
Hotspot	Edge Top	0.165		0.013		0.004	0.165	0.168	0.165	0.168
	Edge Right			0.208			0.000	0.000	0.000	0.000
	Edge Bottom		0.000		0.000		0.000	0.000	0.000	0.000
	Edge Left	0.919	0.003		0.000	0.004	0.922	0.926	0.922	0.926
RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT9	802.15.4 (P _{High}) ANT3	802.15.4 (P _{High}) ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6				
Head	Left Cheek	0.051	0.000	0.268	0.000	0.006	0.051	0.057	0.051	0.057
	Left Tilt	0.025	0.000	0.061	0.000	0.006	0.025	0.032	0.025	0.032
	Right Cheek	0.032	0.000	0.055	0.000	0.034	0.032	0.066	0.032	0.066
	Right Tilt	0.024	0.000	0.018	0.000	0.014	0.024	0.038	0.024	0.038
Body-worn & Hotspot	Back	0.948	0.008	0.202	0.075	0.032	1.031	0.988	1.031	0.988
	Front	0.679	0.004	0.082	0.000	0.008	0.683	0.691	0.683	0.691
Hotspot	Edge Top			0.013		0.004	0.000	0.004	0.000	0.004
	Edge Right			0.208			0.000	0.000	0.000	0.000
	Edge Bottom	0.777	0.000		0.000		0.777	0.777	0.777	0.777
	Edge Left	0.568	0.003		0.000	0.004	0.571	0.574	0.571	0.574

12.28. WWAN(CBE) Cell-on & Wi-Fi 2.4G Power State 4 & NB UNII

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT4	Wi-Fi 2.4G Pstate 4 ANT3	Wi-Fi 2.4G Pstate 4 ANT4	NB UNII (P _{Low}) ANT5	NB UNII (P _{Low}) ANT6				
Head	Left Cheek	0.835	0.127	0.389	0.000	0.000	0.961	0.961	1.224	1.224
	Left Tilt	0.731	0.127	0.203	0.000	0.005	0.858	0.862	0.934	0.939
	Right Cheek	0.200	0.127	0.203	0.000	0.010	0.326	0.336	0.403	0.413
	Right Tilt	0.255	0.127	0.203	0.000	0.009	0.382	0.390	0.458	0.467
Body-worn & Hotspot	Back	0.932	0.368	0.445	0.052	0.032	1.352	1.332	1.429	1.409
	Front	0.199	0.368	0.177	0.001	0.000	0.567	0.567	0.377	0.376
Hotspot	Edge Top	0.206		0.177		0.000	0.206	0.206	0.382	0.383
	Edge Right	0.701		0.406			0.701	0.701	1.107	1.107
	Edge Bottom		0.368		0.001		0.369	0.368	0.001	0.000
	Edge Left		0.368		0.007	0.013	0.375	0.381	0.007	0.013
RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT7	Wi-Fi 2.4G Pstate 4 ANT3	Wi-Fi 2.4G Pstate 4 ANT4	NB UNII (P _{Low}) ANT5	NB UNII (P _{Low}) ANT6				
Head	Left Cheek	0.092	0.127	0.389	0.000	0.000	0.218	0.218	0.481	0.481
	Left Tilt	0.098	0.127	0.203	0.000	0.005	0.224	0.229	0.301	0.306
	Right Cheek	0.220	0.127	0.203	0.000	0.010	0.346	0.356	0.423	0.433
	Right Tilt	0.032	0.127	0.203	0.000	0.009	0.158	0.167	0.235	0.244
Body-worn & Hotspot	Back	0.833	0.368	0.445	0.052	0.032	1.253	1.233	1.330	1.310
	Front	0.428	0.368	0.177	0.001	0.000	0.797	0.796	0.606	0.605
Hotspot	Edge Top			0.177		0.000	0.000	0.000	0.177	0.177
	Edge Right	0.932		0.406			0.932	0.932	1.338	1.338
	Edge Bottom		0.368		0.001		0.770	0.769	0.403	0.402
	Edge Left		0.368		0.007	0.013	0.375	0.381	0.007	0.013
RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT8	Wi-Fi 2.4G Pstate 4 ANT3	Wi-Fi 2.4G Pstate 4 ANT4	NB UNII (P _{Low}) ANT5	NB UNII (P _{Low}) ANT6				
Head	Left Cheek	0.197	0.127	0.389	0.000	0.000	0.323	0.323	0.586	0.586
	Left Tilt	0.146	0.127	0.203	0.000	0.005	0.273	0.278	0.350	0.355
	Right Cheek	0.939	0.127	0.203	0.000	0.010	1.065	1.075	1.142	1.152
	Right Tilt	0.434	0.127	0.203	0.000	0.009	0.561	0.569	0.637	0.646
Body-worn & Hotspot	Back	0.513	0.368	0.445	0.052	0.032	0.933	0.913	1.010	0.990
	Front	0.344	0.368	0.177	0.001	0.000	0.713	0.712	0.522	0.521
Hotspot	Edge Top	0.165		0.177		0.000	0.165	0.165	0.342	0.342
	Edge Right			0.406			0.000	0.000	0.406	0.406
	Edge Bottom		0.368		0.001		0.369	0.368	0.001	0.000
	Edge Left	0.919	0.368		0.007	0.013	1.294	1.300	0.926	0.932
RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT9	Wi-Fi 2.4G Pstate 4 ANT3	Wi-Fi 2.4G Pstate 4 ANT4	NB UNII (P _{Low}) ANT5	NB UNII (P _{Low}) ANT6				
Head	Left Cheek	0.051	0.127	0.389	0.000	0.000	0.177	0.177	0.440	0.440
	Left Tilt	0.025	0.127	0.203	0.000	0.005	0.152	0.157	0.229	0.234
	Right Cheek	0.032	0.127	0.203	0.000	0.010	0.158	0.168	0.235	0.245
	Right Tilt	0.024	0.127	0.203	0.000	0.009	0.150	0.159	0.227	0.236
Body-worn & Hotspot	Back	0.948	0.368	0.445	0.052	0.032	1.368	1.348	1.445	1.425
	Front	0.679	0.368	0.177	0.001	0.000	1.048	1.047	0.857	0.856
Hotspot	Edge Top			0.177		0.000	0.000	0.000	0.177	0.177
	Edge Right			0.406			0.000	0.000	0.406	0.406
	Edge Bottom	0.777	0.368		0.001		1.146	1.145	0.778	0.777
	Edge Left	0.568	0.368		0.007	0.013	0.943	0.949	0.575	0.581

12.29. WWAN(CBE) Cell-on & Wi-Fi 5G Power State 4 & BT & 802.15.4

RF Exposure conditions	Test Position	Standalone SAR (W/kg)							Σ 1-g SAR (W/kg)							
		1	2	3	4	5	6	7	1+2+4	1+2+5	1+3+4	1+3+5	1+2+6	1+2+7	1+3+6	1+3+7
		WWAN Cell-on ANT4	Wi-Fi 5G Pstate 4 ANT5	Wi-Fi 5G Pstate 4 ANT6	BT (P _{low}) ANT3	BT (P _{low}) ANT4	802.15.4 (P _{low}) ANT3	802.15.4 (P _{low}) ANT4								
Head	Left Cheek	0.835	0.099	0.389	0.018	0.066	0.000	0.019	0.951	1.000	1.241	1.290	0.934	0.952	1.224	1.242
	Left Tilt	0.731	0.099	0.389	0.005	0.014	0.000	0.003	0.835	0.843	1.125	1.133	0.830	0.833	1.120	1.123
	Right Cheek	0.200	0.099	0.389	0.008	0.017	0.000	0.004	0.307	0.316	0.597	0.606	0.299	0.303	0.589	0.593
	Right Tilt	0.255	0.099	0.389	0.007	0.001	0.000	0.001	0.361	0.355	0.651	0.645	0.354	0.355	0.644	0.645
Body-worn & Hotspot	Back	0.932	0.456	0.447	0.097	0.062	0.000	0.022	1.486	1.450	1.477	1.441	1.389	1.411	1.380	1.402
	Front	0.199	0.090	0.235	0.054	0.037	0.000	0.009	0.343	0.326	0.488	0.471	0.289	0.298	0.434	0.443
Hotspot	Edge Top	0.206		0.235		0.001		0.001	0.206	0.207	0.441	0.442	0.206	0.206	0.441	0.442
	Edge Right	0.701				0.073		0.024	0.701	0.774	0.701	0.774	0.701	0.726	0.701	0.726
	Edge Bottom		0.090		0.036		0.000		0.126	0.090	0.036	0.000	0.090	0.090	0.000	0.000
	Edge Left		0.334	0.414	0.090		0.000		0.424	0.334	0.504	0.414	0.334	0.334	0.414	0.414
RF Exposure conditions	Test Position	Standalone SAR (W/kg)							Σ 1-g SAR (W/kg)							
		1	2	3	4	5	6	7	1+2+4	1+2+5	1+3+4	1+3+5	1+2+6	1+2+7	1+3+6	1+3+7
		WWAN Cell-on ANT7	Wi-Fi 5G Pstate 4 ANT5	Wi-Fi 5G Pstate 4 ANT6	BT (P _{low}) ANT3	BT (P _{low}) ANT4	802.15.4 (P _{low}) ANT3	802.15.4 (P _{low}) ANT4								
Head	Left Cheek	0.092	0.099	0.389	0.018	0.066	0.000	0.019	0.208	0.257	0.498	0.547	0.191	0.209	0.481	0.499
	Left Tilt	0.098	0.099	0.389	0.005	0.014	0.000	0.003	0.202	0.210	0.492	0.500	0.197	0.200	0.487	0.490
	Right Cheek	0.220	0.099	0.389	0.008	0.017	0.000	0.004	0.327	0.336	0.617	0.626	0.319	0.323	0.609	0.613
	Right Tilt	0.032	0.099	0.389	0.007	0.001	0.000	0.001	0.137	0.132	0.427	0.422	0.131	0.132	0.421	0.421
Body-worn & Hotspot	Back	0.833	0.456	0.447	0.097	0.062	0.000	0.022	1.387	1.351	1.378	1.342	1.290	1.312	1.281	1.303
	Front	0.428	0.090	0.235	0.054	0.037	0.000	0.009	0.572	0.555	0.717	0.700	0.518	0.527	0.663	0.672
Hotspot	Edge Top			0.235		0.001		0.001	0.000	0.001	0.235	0.236	0.000	0.001	0.235	0.236
	Edge Right	0.932				0.073		0.024	0.932	1.005	0.932	1.005	0.932	0.957	0.932	0.957
	Edge Bottom	0.402	0.090		0.036		0.000		0.528	0.492	0.438	0.402	0.492	0.492	0.402	0.402
	Edge Left		0.334	0.414	0.090		0.000		0.424	0.334	0.504	0.414	0.334	0.334	0.414	0.414
RF Exposure conditions	Test Position	Standalone SAR (W/kg)							Σ 1-g SAR (W/kg)							
		1	2	3	4	5	6	7	1+2+4	1+2+5	1+3+4	1+3+5	1+2+6	1+2+7	1+3+6	1+3+7
		WWAN Cell-on ANT8	Wi-Fi 5G Pstate 4 ANT5	Wi-Fi 5G Pstate 4 ANT6	BT (P _{low}) ANT3	BT (P _{low}) ANT4	802.15.4 (P _{low}) ANT3	802.15.4 (P _{low}) ANT4								
Head	Left Cheek	0.197	0.099	0.389	0.018	0.066	0.000	0.019	0.313	0.362	0.603	0.652	0.296	0.314	0.586	0.604
	Left Tilt	0.146	0.099	0.389	0.005	0.014	0.000	0.003	0.251	0.259	0.541	0.549	0.245	0.249	0.535	0.538
	Right Cheek	0.939	0.099	0.389	0.008	0.017	0.000	0.004	1.046	1.055	1.336	1.345	1.038	1.042	1.328	1.332
	Right Tilt	0.434	0.099	0.389	0.007	0.001	0.000	0.001	0.540	0.534	0.830	0.824	0.533	0.534	0.823	0.824
Body-worn & Hotspot	Back	0.513	0.456	0.447	0.097	0.062	0.000	0.022	1.067	1.031	1.058	1.022	0.970	0.992	0.961	0.983
	Front	0.344	0.090	0.235	0.054	0.037	0.000	0.009	0.488	0.471	0.633	0.616	0.434	0.443	0.579	0.588
Hotspot	Edge Top	0.165		0.235		0.001		0.001	0.165	0.166	0.400	0.401	0.165	0.166	0.400	0.401
	Edge Right					0.073		0.024	0.000	0.073	0.000	0.073	0.000	0.024	0.000	0.024
	Edge Bottom		0.090		0.036		0.000		0.126	0.090	0.036	0.000	0.090	0.090	0.000	0.000
	Edge Left	0.919	0.334	0.414	0.090		0.000		1.343	1.253	1.423	1.333	1.253	1.253	1.333	1.333
RF Exposure conditions	Test Position	Standalone SAR (W/kg)							Σ 1-g SAR (W/kg)							
		1	2	3	4	5	6	7	1+2+4	1+2+5	1+3+4	1+3+5	1+2+6	1+2+7	1+3+6	1+3+7
		WWAN Cell-on ANT9	Wi-Fi 5G Pstate 4 ANT5	Wi-Fi 5G Pstate 4 ANT6	BT (P _{low}) ANT3	BT (P _{low}) ANT4	802.15.4 (P _{low}) ANT3	802.15.4 (P _{low}) ANT4								
Head	Left Cheek	0.051	0.099	0.389	0.018	0.066	0.000	0.019	0.167	0.216	0.457	0.506	0.150	0.168	0.440	0.458
	Left Tilt	0.025	0.099	0.389	0.005	0.014	0.000	0.003	0.130	0.138	0.420	0.428	0.124	0.128	0.414	0.417
	Right Cheek	0.032	0.099	0.389	0.008	0.017	0.000	0.004	0.139	0.148	0.429	0.438	0.131	0.135	0.421	0.425
	Right Tilt	0.024	0.099	0.389	0.007	0.001	0.000	0.001	0.129	0.124	0.419	0.414	0.123	0.123	0.413	0.413
Body-worn & Hotspot	Back	0.948	0.456	0.447	0.097	0.062	0.000	0.022	1.502	1.466	1.493	1.457	1.405	1.427	1.396	1.418
	Front	0.679	0.090	0.235	0.054	0.037	0.000	0.009	0.823	0.806	0.968	0.951	0.769	0.778	0.914	0.923
Hotspot	Edge Top			0.235		0.001		0.001	0.000	0.001	0.235	0.236	0.000	0.001	0.235	0.236
	Edge Right					0.073		0.024	0.000	0.073	0.000	0.073	0.000	0.024	0.000	0.024
	Edge Bottom	0.777	0.090		0.036		0.000		0.903	0.867	0.813	0.777	0.867	0.867	0.777	0.777
	Edge Left	0.568	0.334	0.414	0.090		0.000		0.992	0.902	1.072	0.982	0.902	0.902	0.982	0.982

12.30. WWAN(CBE) Cell-on & Wi-Fi 2.4G Power State 6 & 802.15.4ab NB

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT4	Wi-Fi 2.4G Pstate 6 ANT3	Wi-Fi 2.4G Pstate 6 ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6				
Head	Left Cheek	0.835	0.101	0.310	0.000	0.006	0.935	0.942	1.145	1.152
	Left Tilt	0.731	0.101	0.162	0.000	0.006	0.832	0.838	0.893	0.900
	Right Cheek	0.200	0.101	0.162	0.000	0.034	0.300	0.335	0.362	0.396
	Right Tilt	0.255	0.101	0.162	0.000	0.014	0.356	0.369	0.417	0.431
Body-worn & Hotspot	Back	0.932	0.292	0.359	0.075	0.032	1.299	1.256	1.366	1.323
	Front	0.199	0.292	0.150	0.000	0.008	0.491	0.499	0.349	0.357
Hotspot	Edge Top	0.206		0.150		0.004	0.206	0.209	0.356	0.359
	Edge Right	0.701		0.345			0.701	0.701	1.046	1.046
	Edge Bottom		0.292		0.000		0.292	0.292	0.000	0.000
	Edge Left		0.292		0.000	0.004	0.292	0.296	0.000	0.004
RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT7	Wi-Fi 2.4G Pstate 6 ANT3	Wi-Fi 2.4G Pstate 6 ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6				
Head	Left Cheek	0.092	0.101	0.310	0.000	0.006	0.192	0.199	0.402	0.409
	Left Tilt	0.098	0.101	0.162	0.000	0.006	0.198	0.204	0.260	0.266
	Right Cheek	0.220	0.101	0.162	0.000	0.034	0.320	0.355	0.382	0.416
	Right Tilt	0.032	0.101	0.162	0.000	0.014	0.132	0.146	0.194	0.208
Body-worn & Hotspot	Back	0.833	0.292	0.359	0.075	0.032	1.200	1.158	1.267	1.224
	Front	0.428	0.292	0.150	0.000	0.008	0.720	0.728	0.578	0.587
Hotspot	Edge Top			0.150		0.004	0.000	0.004	0.150	0.154
	Edge Right	0.932		0.345			0.932	0.932	1.277	1.277
	Edge Bottom	0.402	0.292		0.000		0.694	0.694	0.402	0.402
	Edge Left		0.292		0.000	0.004	0.292	0.296	0.000	0.004
RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT8	Wi-Fi 2.4G Pstate 6 ANT3	Wi-Fi 2.4G Pstate 6 ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6				
Head	Left Cheek	0.197	0.101	0.310	0.000	0.006	0.297	0.304	0.507	0.513
	Left Tilt	0.146	0.101	0.162	0.000	0.006	0.247	0.253	0.309	0.315
	Right Cheek	0.939	0.101	0.162	0.000	0.034	1.039	1.073	1.101	1.135
	Right Tilt	0.434	0.101	0.162	0.000	0.014	0.535	0.548	0.596	0.610
Body-worn & Hotspot	Back	0.513	0.292	0.359	0.075	0.032	0.880	0.837	0.947	0.904
	Front	0.344	0.292	0.150	0.000	0.008	0.636	0.644	0.494	0.503
Hotspot	Edge Top	0.165		0.150		0.004	0.165	0.168	0.315	0.319
	Edge Right			0.345			0.000	0.000	0.345	0.345
	Edge Bottom		0.292		0.000		0.292	0.292	0.000	0.000
	Edge Left	0.919	0.292		0.000	0.004	1.212	1.215	0.919	0.923
RF Exposure conditions	Test Position	Standalone SAR (W/kg)					Σ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2+4	1+2+5	1+3+4	1+3+5
		WWAN Cell-on ANT9	Wi-Fi 2.4G Pstate 6 ANT3	Wi-Fi 2.4G Pstate 6 ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6				
Head	Left Cheek	0.051	0.101	0.310	0.000	0.006	0.151	0.157	0.361	0.367
	Left Tilt	0.025	0.101	0.162	0.000	0.006	0.126	0.132	0.188	0.194
	Right Cheek	0.032	0.101	0.162	0.000	0.034	0.132	0.167	0.194	0.228
	Right Tilt	0.024	0.101	0.162	0.000	0.014	0.124	0.138	0.186	0.200
Body-worn & Hotspot	Back	0.948	0.292	0.359	0.075	0.032	1.315	1.273	1.382	1.339
	Front	0.679	0.292	0.150	0.000	0.008	0.971	0.979	0.829	0.838
Hotspot	Edge Top			0.150		0.004	0.000	0.004	0.150	0.154
	Edge Right			0.345			0.000	0.000	0.345	0.345
	Edge Bottom	0.777	0.292		0.000		1.069	1.069	0.777	0.777
	Edge Left	0.568	0.292		0.000	0.004	0.860	0.864	0.568	0.571

12.31. WWAN(CBE) Cell-on & Wi-Fi 5G Power State 6 & BT & 802.15.4ab NB

RF Exposure conditions	Test Position	Standalone SAR (W/kg)							Σ 1-g SAR (W/kg)							
		1	2	3	4	5	6	7	1+2+4+6	1+2+4+7	1+3+4+6	1+3+4+7	1+2+5+6	1+2+5+7	1+3+5+6	1+3+5+7
		WWAN Cell-on ANT4	Wi-Fi 5G Pstate 6 ANT5	Wi-Fi 5G Pstate 6 ANT6	BT (P _{low}) ANT3	BT (P _{low}) ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6								
Head	Left Cheek	0.835	0.083	0.309	0.018	0.066	0.000	0.006	0.935	0.941	1.161	1.168	0.984	0.990	1.210	1.216
	Left Tilt	0.731	0.083	0.309	0.005	0.014	0.000	0.006	0.819	0.825	1.045	1.052	0.827	0.834	1.053	1.060
	Right Cheek	0.200	0.083	0.309	0.008	0.017	0.000	0.034	0.291	0.325	0.517	0.551	0.300	0.334	0.526	0.560
	Right Tilt	0.255	0.083	0.309	0.007	0.001	0.000	0.014	0.344	0.358	0.571	0.585	0.339	0.353	0.565	0.579
Body-worn & Hotspot	Back	0.932	0.359	0.359	0.097	0.062	0.075	0.032	1.463	1.420	1.463	1.421	1.427	1.385	1.427	1.385
	Front	0.199	0.021	0.187	0.054	0.037	0.000	0.008	0.274	0.282	0.440	0.448	0.257	0.265	0.422	0.431
Hotspot	Edge Top	0.206		0.187		0.001		0.004	0.206	0.209	0.392	0.396	0.207	0.210	0.394	0.397
	Edge Right	0.701				0.073			0.701	0.701	0.701	0.701	0.774	0.774	0.774	0.774
	Edge Bottom		0.021		0.036		0.000		0.057	0.057	0.036	0.036	0.021	0.021	0.000	0.000
	Edge Left		0.138	0.329	0.090		0.000	0.004	0.228	0.231	0.419	0.422	0.138	0.141	0.329	0.332
RF Exposure conditions	Test Position	Standalone SAR (W/kg)							Σ 1-g SAR (W/kg)							
		1	2	3	4	5	6	7	1+2+4+6	1+2+4+7	1+3+4+6	1+3+4+7	1+2+5+6	1+2+5+7	1+3+5+6	1+3+5+7
		WWAN Cell-on ANT7	Wi-Fi 5G Pstate 6 ANT5	Wi-Fi 5G Pstate 6 ANT6	BT (P _{low}) ANT3	BT (P _{low}) ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6								
Head	Left Cheek	0.092	0.083	0.309	0.018	0.066	0.000	0.006	0.192	0.198	0.418	0.424	0.241	0.247	0.467	0.473
	Left Tilt	0.098	0.083	0.309	0.005	0.014	0.000	0.006	0.186	0.192	0.412	0.418	0.194	0.200	0.420	0.426
	Right Cheek	0.220	0.083	0.309	0.008	0.017	0.000	0.034	0.311	0.345	0.537	0.571	0.320	0.354	0.546	0.580
	Right Tilt	0.032	0.083	0.309	0.007	0.001	0.000	0.014	0.121	0.135	0.347	0.361	0.116	0.130	0.342	0.356
Body-worn & Hotspot	Back	0.833	0.359	0.359	0.097	0.062	0.075	0.032	1.364	1.322	1.364	1.322	1.328	1.286	1.329	1.286
	Front	0.428	0.021	0.187	0.054	0.037	0.000	0.008	0.503	0.512	0.669	0.677	0.486	0.494	0.652	0.660
Hotspot	Edge Top			0.187		0.001		0.004	0.000	0.004	0.187	0.190	0.001	0.005	0.188	0.192
	Edge Right	0.932				0.073			0.932	0.932	0.932	0.932	1.005	1.005	1.005	1.005
	Edge Bottom	0.402	0.021		0.036		0.000		0.459	0.459	0.438	0.438	0.423	0.423	0.402	0.402
	Edge Left		0.138	0.329	0.090		0.000	0.004	0.228	0.231	0.419	0.422	0.138	0.141	0.329	0.332
RF Exposure conditions	Test Position	Standalone SAR (W/kg)							Σ 1-g SAR (W/kg)							
		1	2	3	4	5	6	7	1+2+4+6	1+2+4+7	1+3+4+6	1+3+4+7	1+2+5+6	1+2+5+7	1+3+5+6	1+3+5+7
		WWAN Cell-on ANT8	Wi-Fi 5G Pstate 6 ANT5	Wi-Fi 5G Pstate 6 ANT6	BT (P _{low}) ANT3	BT (P _{low}) ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6								
Head	Left Cheek	0.197	0.083	0.309	0.018	0.066	0.000	0.006	0.297	0.303	0.523	0.529	0.346	0.352	0.572	0.578
	Left Tilt	0.146	0.083	0.309	0.005	0.014	0.000	0.006	0.235	0.241	0.461	0.467	0.243	0.249	0.469	0.475
	Right Cheek	0.939	0.083	0.309	0.008	0.017	0.000	0.034	1.030	1.064	1.256	1.290	1.039	1.073	1.265	1.299
	Right Tilt	0.434	0.083	0.309	0.007	0.001	0.000	0.014	0.523	0.537	0.750	0.764	0.518	0.532	0.744	0.758
Body-worn & Hotspot	Back	0.513	0.359	0.359	0.097	0.062	0.075	0.032	1.044	1.001	1.044	1.002	1.008	0.966	1.009	0.966
	Front	0.344	0.021	0.187	0.054	0.037	0.000	0.008	0.419	0.427	0.585	0.593	0.402	0.410	0.568	0.576
Hotspot	Edge Top	0.165		0.187		0.001		0.004	0.165	0.168	0.352	0.355	0.166	0.170	0.353	0.356
	Edge Right					0.073			0.000	0.000	0.000	0.000	0.073	0.073	0.073	0.073
	Edge Bottom		0.021		0.036		0.000		0.057	0.057	0.036	0.036	0.021	0.021	0.000	0.000
	Edge Left	0.919	0.138	0.329	0.090		0.000	0.004	1.147	1.151	1.338	1.342	1.057	1.061	1.248	1.252
RF Exposure conditions	Test Position	Standalone SAR (W/kg)							Σ 1-g SAR (W/kg)							
		1	2	3	4	5	6	7	1+2+4+6	1+2+4+7	1+3+4+6	1+3+4+7	1+2+5+6	1+2+5+7	1+3+5+6	1+3+5+7
		WWAN Cell-on ANT9	Wi-Fi 5G Pstate 6 ANT5	Wi-Fi 5G Pstate 6 ANT6	BT (P _{low}) ANT3	BT (P _{low}) ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6								
Head	Left Cheek	0.051	0.083	0.309	0.018	0.066	0.000	0.006	0.151	0.157	0.377	0.383	0.200	0.206	0.426	0.432
	Left Tilt	0.025	0.083	0.309	0.005	0.014	0.000	0.006	0.114	0.120	0.340	0.346	0.122	0.128	0.348	0.354
	Right Cheek	0.032	0.083	0.309	0.008	0.017	0.000	0.034	0.123	0.157	0.349	0.383	0.132	0.166	0.358	0.392
	Right Tilt	0.024	0.083	0.309	0.007	0.001	0.000	0.014	0.113	0.127	0.339	0.353	0.108	0.122	0.334	0.348
Body-worn & Hotspot	Back	0.948	0.359	0.359	0.097	0.062	0.075	0.032	1.479	1.437	1.479	1.437	1.443	1.401	1.444	1.401
	Front	0.679	0.021	0.187	0.054	0.037	0.000	0.008	0.754	0.763	0.920	0.928	0.737	0.745	0.903	0.911
Hotspot	Edge Top			0.187		0.001		0.004	0.000	0.004	0.187	0.190	0.001	0.005	0.188	0.192
	Edge Right					0.073			0.000	0.000	0.000	0.000	0.073	0.073	0.073	0.073
	Edge Bottom	0.777	0.021		0.036		0.000		0.834	0.834	0.813	0.813	0.798	0.798	0.777	0.777
	Edge Left	0.568	0.138	0.329	0.090		0.000	0.004	0.796	0.799	0.987	0.990	0.706	0.709	0.897	0.900

12.32. WWAN(CBE) Cell-on & Wi-Fi 5G Power State 6 & 802.15.4 & 802.15.4ab NB

RF Exposure conditions	Test Position	Standalone SAR (W/kg)							Σ 1-g SAR (W/kg)							
		1	2	3	4	5	6	7	1+2+4+6	1+2+4+7	1+3+4+6	1+3+4+7	1+2+5+6	1+2+5+7	1+3+5+6	1+3+5+7
		WWAN Cell-on ANT4	Wi-Fi 5G Pstate 6 ANT5	Wi-Fi 5G Pstate 6 ANT6	802.15.4 (P _{low}) ANT3	802.15.4 (P _{low}) ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6								
Head	Left Cheek	0.835	0.083	0.309	0.000	0.019	0.000	0.006	0.918	0.924	1.144	1.150	0.936	0.942	1.162	1.169
	Left Tilt	0.731	0.083	0.309	0.000	0.003	0.000	0.006	0.814	0.820	1.040	1.046	0.817	0.823	1.043	1.049
	Right Cheek	0.200	0.083	0.309	0.000	0.004	0.000	0.034	0.283	0.317	0.509	0.543	0.287	0.321	0.513	0.547
	Right Tilt	0.255	0.083	0.309	0.000	0.001	0.000	0.014	0.338	0.352	0.564	0.578	0.339	0.352	0.565	0.579
Body-worn & Hotspot	Back	0.932	0.359	0.359	0.000	0.022	0.075	0.032	1.366	1.323	1.366	1.323	1.388	1.345	1.388	1.345
	Front	0.199	0.021	0.187	0.000	0.009	0.000	0.008	0.220	0.228	0.386	0.394	0.229	0.237	0.394	0.403
Hotspot	Edge Top	0.206		0.187		0.001		0.004	0.206	0.209	0.392	0.396	0.206	0.210	0.393	0.397
	Edge Right	0.701				0.024			0.701	0.701	0.701	0.701	0.726	0.726	0.726	0.726
	Edge Bottom		0.021		0.000		0.000		0.021	0.021	0.000	0.000	0.021	0.021	0.000	0.000
	Edge Left		0.138	0.329	0.000		0.000	0.004	0.138	0.141	0.329	0.332	0.138	0.141	0.329	0.332
RF Exposure conditions	Test Position	Standalone SAR (W/kg)							Σ 1-g SAR (W/kg)							
		1	2	3	4	5	6	7	1+2+4+6	1+2+4+7	1+3+4+6	1+3+4+7	1+2+5+6	1+2+5+7	1+3+5+6	1+3+5+7
		WWAN Cell-on ANT7	Wi-Fi 5G Pstate 6 ANT5	Wi-Fi 5G Pstate 6 ANT6	802.15.4 (P _{low}) ANT3	802.15.4 (P _{low}) ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6								
Head	Left Cheek	0.092	0.083	0.309	0.000	0.019	0.000	0.006	0.175	0.181	0.401	0.407	0.193	0.199	0.419	0.426
	Left Tilt	0.098	0.083	0.309	0.000	0.003	0.000	0.006	0.180	0.187	0.407	0.413	0.184	0.190	0.410	0.416
	Right Cheek	0.220	0.083	0.309	0.000	0.004	0.000	0.034	0.303	0.337	0.529	0.563	0.307	0.341	0.533	0.567
	Right Tilt	0.032	0.083	0.309	0.000	0.001	0.000	0.014	0.115	0.129	0.341	0.355	0.115	0.129	0.342	0.355
Body-worn & Hotspot	Back	0.833	0.359	0.359	0.000	0.022	0.075	0.032	1.267	1.224	1.267	1.224	1.289	1.246	1.289	1.246
	Front	0.428	0.021	0.187	0.000	0.009	0.000	0.008	0.449	0.458	0.615	0.623	0.458	0.466	0.624	0.632
Hotspot	Edge Top			0.187		0.001		0.004	0.000	0.004	0.187	0.190	0.001	0.004	0.188	0.191
	Edge Right	0.932				0.024			0.932	0.932	0.932	0.932	0.957	0.957	0.957	0.957
	Edge Bottom	0.402	0.021		0.000		0.000		0.423	0.423	0.402	0.402	0.423	0.423	0.402	0.402
	Edge Left		0.138	0.329	0.000		0.000	0.004	0.138	0.141	0.329	0.332	0.138	0.141	0.329	0.332
RF Exposure conditions	Test Position	Standalone SAR (W/kg)							Σ 1-g SAR (W/kg)							
		1	2	3	4	5	6	7	1+2+4+6	1+2+4+7	1+3+4+6	1+3+4+7	1+2+5+6	1+2+5+7	1+3+5+6	1+3+5+7
		WWAN Cell-on ANT8	Wi-Fi 5G Pstate 6 ANT5	Wi-Fi 5G Pstate 6 ANT6	802.15.4 (P _{low}) ANT3	802.15.4 (P _{low}) ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6								
Head	Left Cheek	0.197	0.083	0.309	0.000	0.019	0.000	0.006	0.280	0.286	0.506	0.512	0.298	0.304	0.524	0.530
	Left Tilt	0.146	0.083	0.309	0.000	0.003	0.000	0.006	0.229	0.236	0.455	0.462	0.232	0.239	0.459	0.465
	Right Cheek	0.939	0.083	0.309	0.000	0.004	0.000	0.034	1.022	1.056	1.248	1.282	1.025	1.060	1.252	1.286
	Right Tilt	0.434	0.083	0.309	0.000	0.001	0.000	0.014	0.517	0.531	0.743	0.757	0.518	0.531	0.744	0.758
Body-worn & Hotspot	Back	0.513	0.359	0.359	0.000	0.022	0.075	0.032	0.947	0.904	0.947	0.904	0.969	0.926	0.969	0.926
	Front	0.344	0.021	0.187	0.000	0.009	0.000	0.008	0.365	0.373	0.531	0.539	0.374	0.382	0.540	0.548
Hotspot	Edge Top	0.165		0.187		0.001		0.004	0.165	0.168	0.352	0.355	0.166	0.169	0.352	0.356
	Edge Right					0.024			0.000	0.000	0.000	0.000	0.024	0.024	0.024	0.024
	Edge Bottom		0.021		0.000		0.000		0.021	0.021	0.000	0.000	0.021	0.021	0.000	0.000
	Edge Left	0.919	0.138	0.329	0.000		0.000	0.004	1.057	1.061	1.248	1.252	1.057	1.061	1.248	1.252
RF Exposure conditions	Test Position	Standalone SAR (W/kg)							Σ 1-g SAR (W/kg)							
		1	2	3	4	5	6	7	1+2+4+6	1+2+4+7	1+3+4+6	1+3+4+7	1+2+5+6	1+2+5+7	1+3+5+6	1+3+5+7
		WWAN Cell-on ANT9	Wi-Fi 5G Pstate 6 ANT5	Wi-Fi 5G Pstate 6 ANT6	802.15.4 (P _{low}) ANT3	802.15.4 (P _{low}) ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6								
Head	Left Cheek	0.051	0.083	0.309	0.000	0.019	0.000	0.006	0.133	0.140	0.360	0.366	0.152	0.158	0.378	0.384
	Left Tilt	0.025	0.083	0.309	0.000	0.003	0.000	0.006	0.108	0.114	0.334	0.341	0.111	0.118	0.338	0.344
	Right Cheek	0.032	0.083	0.309	0.000	0.004	0.000	0.034	0.115	0.149	0.341	0.375	0.119	0.153	0.345	0.379
	Right Tilt	0.024	0.083	0.309	0.000	0.001	0.000	0.014	0.107	0.120	0.333	0.347	0.107	0.121	0.333	0.347
Body-worn & Hotspot	Back	0.948	0.359	0.359	0.000	0.022	0.075	0.032	1.382	1.339	1.382	1.339	1.404	1.361	1.404	1.361
	Front	0.679	0.021	0.187	0.000	0.009	0.000	0.008	0.700	0.709	0.866	0.874	0.709	0.717	0.875	0.883
Hotspot	Edge Top			0.187		0.001		0.004	0.000	0.004	0.187	0.190	0.001	0.004	0.188	0.191
	Edge Right					0.024			0.000	0.000	0.000	0.000	0.024	0.024	0.024	0.024
	Edge Bottom	0.777	0.021		0.000		0.000		0.798	0.798	0.777	0.777	0.798	0.798	0.777	0.777
	Edge Left	0.568	0.138	0.329	0.000		0.000	0.004	0.706	0.709	0.897	0.900	0.706	0.709	0.897	0.900

Appendixes

Refer to separated files for the following appendixes.

Appendix A: SAR Setup Photos

Appendix B: SAR System Check Plots

Appendix C: SAR Highest Test Plots

Appendix D: SAR Tissue Ingredients

Appendix E: SAR Probe Certificates

Appendix F: SAR Dipole Certificates

Appendix G: LTE Down-Link CA

Appendix H: Body Detect Validation

Appendix I: Wi-Fi Time-Averaged SAR

Appendix J: MSS Time-Averaged SAR

END OF REPORT