SAR EVALUATION REPORT

IEEE Std 1528-2013

For
SMARTPHONE

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Model Name: A3101

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ACCREDITED
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Revision History

Rev.	Date	Revisions	Revised By
V1	7/25/2023	Initial Issue	--
V2	8/1/2023	Updated §10.32. with the correct values Updated §10.37. and §10.38. with the correct data Updated §10.40 has been updated to report two decimal places	AJ Newcomer
V3	8/2/2023	Removed 5G NR n79	Devin Chang
V4	8/3/2023	Section 9.11: Updated Typo.	Devin Chang
V5	8/4/2023	Updated §9.3 with correct limits for LTE Bands 2 and 25 for Antenna 2 Mode B	Nathan Sousa
V6	8/9/2023	Section 9.9: Updated Power Table.	Devin Chang
V7	8/17/2023	Sections 6 & 9: Updated Note	Coltyce Sanders
V8	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

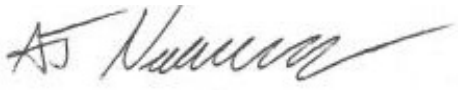
Applicant Name		APPLE INC.						
FCC ID		BCG-E8436A						
Model Name		A3101						
Applicable Standards		Published RF exposure KDB procedures IEEE Std 1528-2013						
Exposure Category		SAR Limits (W/Kg)						
		Peak spatial-average (1g of tissue)				Extremities (hands, wrists, ankles, etc.) (10g of tissue)		
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		0.909	0.944	0.950	0.984	1.099	0.624	N/A
Body-worn (Dist.= 5 mm)		0.874	0.950	0.932	1.092	1.166	0.798	N/A
Hotspot (Dist.= 5 mm)		0.874	0.950	0.932	1.144	1.166	0.798	N/A
Extremities (Dist.= 0 mm)		N/A	N/A	N/A	N/A	N/A	N/A	0.005
Simultaneous TX	Head	1.295	1.395	1.371	1.351	1.395	1.395	N/A
	Body-worn	1.416	1.493	1.475	1.486	1.563	1.563	N/A
	Hotspot	1.416	1.493	1.475	1.486	1.563	1.563	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 Test Engineer UL Verification Services Inc.

2. Test Specification, Methods and Procedures

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

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

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

- **TCB workshop** October 2014; RF Exposure Procedures (Other LTE Considerations)
- **TCB workshop** April 2015; RF Exposure Procedures (Overlapping LTE Bands)
- **TCB workshop** October 2015; RF Exposure Procedures (KDB 941225 D05A)
- **TCB workshop** April 2016; RF Exposure Procedures (LTE Carrier Aggregation for DL)
- **TCB workshop** October 2016; RF Exposure Procedures (LTE Carrier Aggregation for UL)
- **TCB workshop** October 2016; RF Exposure Procedures (Bluetooth Duty Factor)
- **TCB workshop** October 2016; RF Exposure Procedures (DUT Holder Perturbations)
- **TCB workshop** May 2017; RF Exposure Procedures (Broadband Liquid Above 3 GHz)
- **TCB workshop** May 2017; RF Exposure Procedures (LTE Band 41 Power Class 2)
- **TCB workshop** November 2017; RF Exposure Procedures (LTE UL/DL Carrier Aggregation SAR)
- **TCB workshop** April 2018; RF Exposure Procedures (LTE DL CA SAR Test Exclusion)
- **TCB workshop** October 2018; RF Exposure Procedures (LTE Inter-Band Uplink Carrier Aggregation – Interim Procedures)
- **TCB workshop** April 2019; RF Exposure Procedures (802.11ax SAR Testing)
- **TCB workshop** November 2019; RF Exposure Policy Updates (5G NR FR1 NSA EN-DCUE SAR Evaluations)
- **TCB workshop** October 2020; 5G and RF Exposure Procedures (U-NII 6-7 GHz SAR Testing)
- **TCB workshop** April 2021; RF Exposure Procedures (Remarks on Test Reductions via Data Referencing for Closely Related Products)

3. Facilities and Accreditation

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

47173 Benicia Street	47266 Benicia Street
SAR Labs A to I	SAR Labs 1 to 19

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

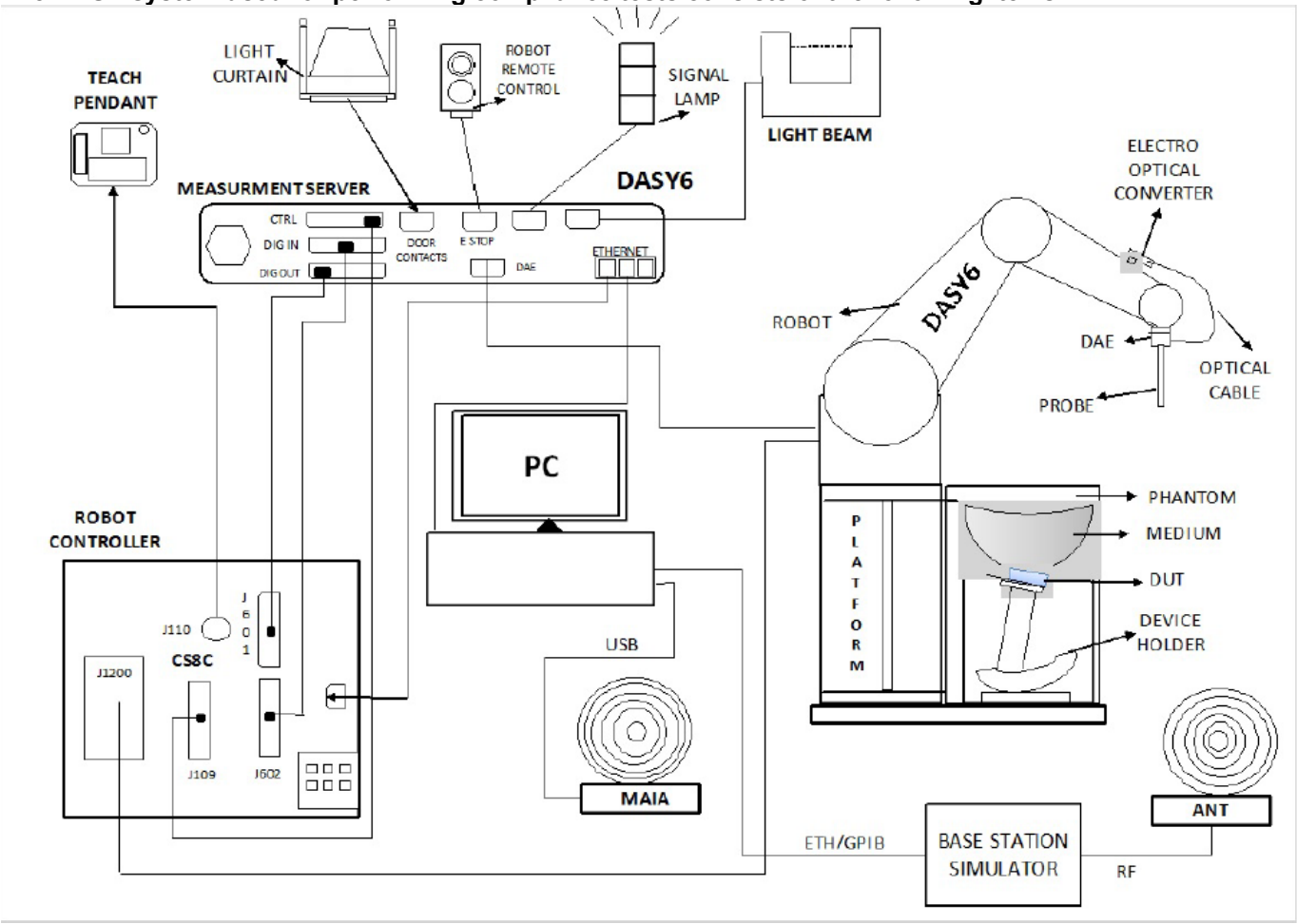
The Test Lab Conformity Assessment Body Identifier (CABID)

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

4. SAR Measurement System & Test Equipment

4.1. SAR Measurement System

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



- A standard high precision 6-axis robot with controller, teach pendant and software. An arm extension for accommodating the data acquisition electronics (DAE).
- An isotropic Field probe optimized and calibrated for the targeted measurement.
- A data acquisition electronics (DAE) which performs the signal amplification, signal multiplexing, AD-conversion, offset measurements, mechanical surface detection, collision detection, etc. The unit is battery powered with standard or rechargeable batteries. The signal is optically transmitted to the EOC.
- The Electro-optical converter (EOC) performs the conversion from optical to electrical signals for the digital communication to the DAE. To use optical surface detection, a special version of the EOC is required. The EOC signal is transmitted to the measurement server.
- The function of the measurement server is to perform the time critical tasks such as signal filtering, control of the robot operation and fast movement interrupts.
- The Light Beam used is for probe alignment. This improves the (absolute) accuracy of the probe positioning.
- A computer running Win10 and the DASY6/8[1] software.
- Remote control and teach pendant as well as additional circuitry for robot safety such as warning lamps, etc.
- The phantom, the device holder, and other accessories according to the targeted measurement.

[1] DASY6/8 software used: DASY6.16.2 or DASY8.16.2 and older generations.

4.2. SAR Scan Procedures

Step 1: Power Reference Measurement

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

Step 2: Area Scan

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

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

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

Step 3: Zoom Scan

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

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

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

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

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

Step 4: Power drift measurement

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

4.3. Test Equipment

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

Dielectric Property Measurements

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

System Check

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

Lab Equipment

Name of Equipment	Manufacturer	Type/Model	Serial No.	Cal. Due Date
E-Field Probe (SAR Lab A)	SPEAG	EX3DV4	3772	2/13/2024
E-Field Probe (SAR Lab B)	SPEAG	EX3DV4	3773	2/13/2024
E-Field Probe (SAR Lab D)	SPEAG	EX3DV4	7587	4/18/2024
E-Field Probe (SAR Lab E)	SPEAG	EX3DV4	7501	4/3/2024
E-Field Probe (SAR Lab E)	SPEAG	EX3DV4	3929	4/26/2024
E-Field Probe (SAR Lab F)	SPEAG	EX3DV4	7585	4/18/2024
E-Field Probe (SAR Lab H)	SPEAG	EX3DV4	3902	3/17/2024
E-Field Probe (SAR Lab I)	SPEAG	EX3DV4	7810	4/25/2024
E-Field Probe (SAR Lab 1)	SPEAG	EX3DV4	3749	1/27/2024
E-Field Probe (SAR Lab 2)	SPEAG	EX3DV4	3989	1/26/2024
E-Field Probe (SAR Lab 4)	SPEAG	EX3DV4	7569	4/18/2024
E-Field Probe (SAR Lab 5)	SPEAG	EX3DV4	3991	9/22/2023
E-Field Probe (SAR Lab 7)	SPEAG	EX3DV4	7806	4/4/2024
E-Field Probe (SAR Lab 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 ≤ 30%, for a confidence interval of k = 2. If these conditions are met, extensive SAR measurement uncertainty analysis described in IEEE Std 1528-2013 is not required in SAR reports submitted for equipment approval. Therefore, the measurement uncertainty is not required.

6. Device Under Test (DUT) Information

6.1. DUT Description

The Apple iPhone is a smartphone with cellular GSM, GPRS, EGPRS, UMTS, LTE, 5GNR1, IEEE 802.11a/b/g/n/ac/ax, Bluetooth (BT), Ultra-Wideband (UWB), GPS, NFC, NB UNII, 802.15.4, 802.15.4ab-NB and MSS technologies. All models except reference model support at least one UICC based SIM. The second SIM is either an UICC based p-SIM (physical SIM) or e-SIM (electronic SIM). The device supports a built-in inductive charging transmitter and receiver. The rechargeable battery is not user accessible.

All Models have the same PCB layout, circuit design, common components, antennas, and antenna locations their respective reference model. Their cellular modem, Wi-Fi, BT, NFC, WPT, UWB, NB UNII, 802.15.4, 802.15.4ab-NB, and MSS transmitters are identical.

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

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

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

BCM4388 has 2 vendors. The Wi-Fi/BT radio modules have the same mechanical outline (e.g., the same package dimension and pin-out layout), use the same on-board antenna matching circuit, have an identical antenna structure, and are built and tested to conform to the same specifications and to operate within the same tolerances. Baseline testing was performed on the variants to determine the worst case on all conducted power and radiated emissions.

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

Device Dimension	Refer to Appendix A
Back Cover	The Back Cover is not removable
Battery Options	The rechargeable battery is not user accessible.
Accessory	Headset
Wireless Router (Hotspot)	Wi-Fi Hotspot mode permits the device to share its cellular data connection with other Wi-Fi-enabled devices. ☒ Mobile Hotspot (Wi-Fi 2.4 GHz) ☒ Mobile Hotspot Wi-Fi 5.2(UNII-1)/5.8 GHz(UNII-3)
AirPlay	AirPlay mode enabled devices transfer data directly between each other ☒ AirPlay (Wi-Fi 2.4 GHz) ☒ AirPlay (Wi-Fi 5 GHz)
Bluetooth Tethering (Hotspot)	BT Tethering mode permits the device to share its cellular data connection with other devices. ☒ BT Tethering (Bluetooth 2.4 GHz)

6.2. Wireless Technologies

Wireless technologies	Frequency bands	Operating mode		Duty Cycle used for SAR testing
GSM	850 1900	Voice (GMSK) GPRS (GMSK) EDGE (8PSK)	GSM Class : B Multi-Slot Class: Class 10 - 2 Up, 4 Down	GSM Voice: 12.5% (E)GPRS: 1 Slot: 12.5% 2 Slots: 25%
		Does this device support DTM (Dual Transfer Mode)? ☐ Yes ☒ No		
W-CDMA (UMTS)	Band 2 Band 4 Band 5	UMTS Rel. 99 (Voice & Data) HSDPA (Rel. 5) HSUPA (Rel. 6) HSPA+ (Rel. 7) DC-HSDPA (Rel. 8)		100%
LTE[4]	FDD Band 2 FDD Band 4 FDD Band 5 FDD Band 7 FDD Band 12 FDD Band 13 FDD Band 14 FDD Band 17 FDD Band 25 FDD Band 26 FDD Band 29 (DL Only) FDD Band 30 TDD Band 41[2] TDD Band 46 (DL Only) TDD Band 48 TDD Band 53 FDD Band 66 FDD Band 71 **Carrier Aggregation**[3] FDD Band 5B FDD Band 7C TDD Band 41C TDD Band 48C	QPSK 16QAM 64AQM 256QAM Carrier Aggregation (2 Uplinks and 6 Downlinks)		100% (FDD) 63.3% (TDD) Power Class 3 43.3% (TDD) Power Class 2 Refer to §6.4
5G NR (FR1)	FDD band n2 FDD band n5 FDD band n7 FDD band n12 FDD band n14 FDD band n25 FDD band n26 FDD band n29 (DL Only) FDD band n30 TDD Band n41[2] TDD Band n48 TDD Band n53 FDD Band n66 FDD Band n70 FDD Band n71 TDD Band n77[2]	DFT-s-OFDM: Pi/2 BPSK, QPSK, 16QAM, 64QAM, 256QAM CP-OFDM: QPSK, 16QAM, 64QAM, 256QAM		100% (FDD) 100% (TDD) Power Class 3 50% (TDD) Power Class 2
Wi-Fi	2.4 GHz[1]	802.11b 802.11g 802.11n (HT20) 802.11ac (HT20) 802.11ax (HE20)		99.84% (802.11b)
	5 GHz[1]	802.11a 802.11n (HT20) 802.11n (HT40) 802.11ac (VHT20) 802.11ac (VHT40)		95.87% (802.11a/n/ac 20MHz BW) 95.62% (802.11n/ac/ax 40MHz BW) 91.75% (802.11n/ac/ax 80MHz BW) 98.21% (802.11n/ac/ax 80MHz 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)	95.19% (802.11ax 80MHz BW) 91.69% (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, π/4DQPSK	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/		

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

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

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

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

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

Notes:

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

6.4. LTE (TDD) Considerations

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

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

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

Special subframe configuration	Normal cyclic prefix in downlink			Extended cyclic prefix in downlink		
	DwPTS	UpPTS		DwPTS	UpPTS	
		Normal cyclic prefix in uplink	Extended cyclic prefix in uplink		Normal cyclic prefix in uplink	Extended cyclic prefix in uplink
0	$6592 \cdot T_s$	$(1+X) \cdot 2192 \cdot T_s$	$(1+X) \cdot 2560 \cdot T_s$	$7680 \cdot T_s$	$(1+X) \cdot 2192 \cdot T_s$	$(1+X) \cdot 2560 \cdot T_s$
1	$19760 \cdot T_s$			$20480 \cdot T_s$		
2	$21952 \cdot T_s$			$23040 \cdot T_s$		
3	$24144 \cdot T_s$			$25600 \cdot T_s$		
4	$26336 \cdot T_s$			$7680 \cdot T_s$	$(2+X) \cdot 2192 \cdot T_s$	$(2+X) \cdot 2560 \cdot T_s$
5	$6592 \cdot T_s$	$(2+X) \cdot 2192 \cdot T_s$	$(2+X) \cdot 2560 \cdot T_s$	$20480 \cdot T_s$		
6	$19760 \cdot T_s$			$23040 \cdot T_s$		
7	$21952 \cdot T_s$			$12800 \cdot T_s$		
8	$24144 \cdot T_s$			-	-	-
9	$13168 \cdot T_s$			-	-	-
10	$13168 \cdot T_s$	$13152 \cdot T_s$	$12800 \cdot T_s$	-	-	-

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

Uplink-Downlink Configuration	Downlink-to-Uplink Switch-point Periodicity	Subframe Number										Calculated Duty Cycle (%)
		0	1	2	3	4	5	6	7	8	9	
0	5 ms	D	S	U	U	U	D	S	U	U	U	63.3%
1	5 ms	D	S	U	U	D	D	S	U	U	D	43.3%
2	5 ms	D	S	U	D	D	D	S	U	D	D	23.3%
3	10 ms	D	S	U	U	U	D	D	D	D	D	31.7%
4	10 ms	D	S	U	U	D	D	D	D	D	D	21.7%
5	10 ms	D	S	U	D	D	D	D	D	D	D	11.7%
6	5 ms	D	S	U	U	U	D	S	U	U	D	53.3%

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

Note(s):
This device supports uplink-downlink configurations 0-6. The configuration with highest duty cycle was used for SAR Testing: configuration 0 at 63.3% duty cycle.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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_{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 14523744-S4 for the full details regarding SAR Characterizations.

7. RF Exposure Conditions (Test Configurations)

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

Antenna	Band	Back	Front	Edge Top	Edge Right	Edge Bottom	Edge Left
ANT1	GSM 850/1900 WCDMA B2/4/5 LTE B2/4/5/7/12/13/14/17/25/26/30/41/53/66/71 5G(FR1) n2/n5/n7/n12/n14/n25/n26/n30/n41/n53/n66/n70/n71 MSS (L-Band)	Yes	Yes	No	Yes	Yes	Yes
ANT2	GSM 850/1900 WCDMA B2/4/5 LTE B2/4/5/7/12/13/14/17/25/26/30/41/53/66/71 5G(FR1) n2/n5/n7/n12/n14/n25/n26/n30/n41/n53/n66/n70/n71 NFC Primary	Yes	Yes	Yes	Yes	No	Yes
ANT3	GSM 1900 WCDMA B2/4 LTE B2/4/5/7/12/13/14/17/25/26/30/41/66/71 5G(FR1) n2/n5/n7/n12/n14/n25/n26/n30/n41/n66/n70/n71 Wi-Fi 2.4GHz Bluetooth 2.4GHz 802.15.4	Yes	Yes	No	No	Yes	Yes
ANT4	GSM 1900 WCDMA B2/4 LTE B2/4/7/25/30/41/48/66 5G(FR1) n2/n7/n25/n30/n41/n48/n66/n70/n77 MSS (L-Band) Wi-Fi 2.4GHz Bluetooth 2.4GHz 802.15.4	Yes	Yes	Yes	Yes	No	No
ANT5	Wi-Fi 5GHz/6E 802.15.4ab-NB NB UNII	Yes	Yes	No	No	Yes	Yes
ANT6	Wi-Fi 5GHz/6E 802.15.4ab-NB NB UNII	Yes	Yes	Yes	No	No	Yes
ANT7	LTE B48 5G(FR1) n48/n77	Yes	Yes	No	Yes	Yes	No
ANT8	LTE B48 5G(FR1) n48/n77	Yes	Yes	Yes	No	No	Yes
ANT9	LTE B48 5G(FR1) n48/n77	Yes	Yes	No	No	Yes	Yes
NFC	NFC Secondary	Yes	Yes	No	Yes	No	Yes

Notes:

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

8. Dielectric Property Measurements & System Check

8.1. Dielectric Property Measurements

The temperature of the tissue-equivalent medium used during measurement must also be within 18°C to 25°C and within ± 2°C of the temperature when the tissue parameters are characterized.
The dielectric parameters must be measured before the tissue-equivalent medium is used in a series of SAR measurements. The parameters should be re-measured after each 3 – 4 days of use; or earlier if the dielectric parameters can become out of tolerance; for example, when the parameters are marginal at the beginning of the measurement series.
Tissue dielectric parameters were measured at the low, middle and high frequency of each operating frequency range of the test device.
The dielectric constant (εr) and conductivity (σ) of typical tissue-equivalent media recipes are expected to be within ± 5% of the required target values; but for SAR measurement systems that have implemented the SAR error compensation algorithms documented in IEEE Std 1528-2013, to automatically compensate the measured SAR results for deviations between the measured and required tissue dielectric parameters, the tolerance for εr and σ may be relaxed to ± 10%. This is limited to frequencies ≤ 3 GHz.

Tissue Dielectric Parameters
FCC KDB 865664 D01 SAR Measurement 100 MHz to 6 GHz

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

Dielectric Property Measurements

SAR Lab	Date	Band (MHz)	Tissue Type	Frequency (MHz)	Relative Permittivity (εr)			Conductivity (σ)		
					Measured	Target	Delta	Measured	Target	Delta
A	6/4/2023	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 (εr)			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 (εr)			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 (εr)			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 (εr)			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 (εr)			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 (εr)			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 (εr)			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 (εr)			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 (εr)			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 (εr)			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 (εr)			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 (εr)			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 (εr)			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 (εr)			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 ±10% of the manufacturer calibrated dipole SAR target. Refer to Appendix B for the SAR System Check Plots.

SAR Lab	Date	Tissue Type	Dipole Type & Serial Number	Dipole Cal. Due Date	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Zoom Scan at 100 mW	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Zoom Scan at 100 mW	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	
A	6/4/2023	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 ±10%	Zoom Scan at 100 mW	Normalize to 1 W	Target (Ref. Value)	Delta ±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 ±10%	Zoom Scan at 100 mW	Normalize to 1 W	Target (Ref. Value)	Delta ±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	67.9	65.6	**3.51%**	2.66	26.6	24.7	7.69%	38
2	8/22/2023	Head	D1640V2 SN: 324	6/13/2024	3.56	35.6	33.9	**5.01%**	1.97	19.7	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	27.5	30.5	29.8	28.0	28.0	32.0	29.8	29.5	28.5	31.5	30.8	29.0	29.0
	GPRS 2 slots	30.0	25.8	26.2	24.5	28.3	26.8	25.6	26.6	31.0	26.8	27.2	25.5	29.3	27.8	26.6	27.6
	EGPRS 1 slot	26.0	26.0	23.0	23.0	25.5	25.5	23.0	23.0	27.0	27.0	24.0	24.0	26.5	26.5	24.0	24.0
	EGPRS 2 slots	25.0	25.0	22.0	22.0	24.5	24.5	22.0	22.0	26.0	26.0	23.0	23.0	25.5	25.5	23.0	23.0

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

GSM850 Measured Results (ANT1)

Mode	Coding Scheme	Time Slots	Ch No.	Freq. (MHz)	Power Mode A (dBm)				Power Mode B (dBm)			
					Measured		Maximum Output Power		Measured		Maximum Output Power	
					Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr
GPRS/EDGE (GMSK)	CS1	1	128	824.2	32.3	23.3	33.5	24.5	32.3	23.3	33.5	24.5
			190	836.6	32.6	23.6			32.6	23.6		
			251	848.8	32.4	23.4			32.4	23.4		
		2	128	824.2	32.0	26.0	32.5	**26.5**	32.0	26.0	32.5	**26.5**
			190	836.6	31.9	25.9			31.9	25.9		
			251	848.8	31.9	25.9			31.9	25.9		
EDGE (8PSK)	MCS5	1	128	824.2	27.0	18.0	28.0	19.0	27.0	18.0	28.0	19.0
			190	836.6	27.1	18.1			27.1	18.1		
			251	848.8	26.9	17.9			26.9	17.9		
		2	128	824.2	26.0	20.0	27.0	21.0	26.0	20.0	27.0	21.0
			190	836.6	26.1	20.1			26.1	20.1		
			251	848.8	26.0	20.0			26.0	20.0		

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.

GSM850 Measured Results (ANT2)

Mode	Coding Scheme	Time Slots	Ch No.	Freq. (MHz)	Power Mode A (dBm)				Power Mode B (dBm)			
					Measured		Maximum Output Power		Measured		Maximum Output Power	
					Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr
GPRS/EDGE (GMSK)	CS1	1	128	824.2	32.3	23.3	32.5	23.5	32.3	23.3	32.5	23.5
			190	836.6	32.4	23.4			32.4	23.4		
			251	848.8	32.3	23.3			32.3	23.3		
		2	128	824.2	29.8	23.8	30.5	**24.5**	30.8	24.8	31.3	**25.3**
			190	836.6	30.0	24.0			30.8	24.8		
			251	848.8	29.9	23.9			30.7	24.7		
EDGE (8PSK)	MCS5	1	128	824.2	26.8	17.8	27.0	18.0	26.8	17.8	27.0	18.0
			190	836.6	26.9	17.9			26.9	17.9		
			251	848.8	26.8	17.8			26.8	17.8		
		2	128	824.2	25.5	19.5	26.0	20.0	25.5	25.5	26.0	20.0
			190	836.6	25.8	19.8			25.8	25.8		
			251	848.8	25.7	19.7			25.7	25.7		

Notes:

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

GSM1900 Measured Results (ANT1)

Mode	Coding Scheme	Time Slots	Ch No.	Freq. (MHz)	Power Mode A (dBm)				Power Mode B (dBm)			
					Measured		Maximum Output Power		Measured		Maximum Output Power	
					Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr
GPRS/EDGE (GMSK)	CS1	1	512	1850.2	31.2	22.2	32.0	23.0	29.2	20.2	29.8	20.8
			661	1880.0	31.7	22.7			29.4	20.3		
			810	1909.8	31.8	22.8			29.5	20.4		
		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			26.2	20.2		
			810	1909.8	30.5	24.5			26.4	20.4		
EDGE (8PSK)	MCS5	1	512	1850.2	26.5	17.4	27.0	18.0	26.5	17.4	27.0	18.0
			661	1880.0	26.6	17.6			26.6	17.6		
			810	1909.8	26.7	17.6			26.7	17.6		
		2	512	1850.2	25.6	19.6	26.0	20.0	25.6	19.6	26.0	20.0
			661	1880.0	25.7	19.7			25.7	19.7		
			810	1909.8	25.7	19.7			25.7	19.7		

Notes:

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

GSM1900 Measured Results (ANT2)

Mode	Coding Scheme	Time Slots	Ch No.	Freq. (MHz)	Power Mode A (dBm)				Power Mode B (dBm)			
					Measured		Maximum Output Power		Measured		Maximum Output Power	
					Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr
GPRS/EDGE (GMSK)	CS1	1	512	1850.2	28.0	19.0	29.5	20.5	28.0	19.0	28.5	19.5
			661	1880.0	27.9	18.9			27.9	18.9		
			810	1909.8	28.6	19.6			28.5	19.5		
		2	512	1850.2	26.6	20.6	27.2	**21.2**	25.1	19.1	25.5	**19.5**
			661	1880.0	26.5	20.5			25.0	19.0		
			810	1909.8	26.6	20.6			25.2	19.2		
EDGE (8PSK)	MCS5	1	512	1850.2	23.9	14.9	24.0	15.0	23.9	14.9	24.0	15.0
			661	1880.0	24.0	14.9			24.0	14.9		
			810	1909.8	24.0	15.0			24.0	15.0		
		2	512	1850.2	22.8	16.7	23.0	17.0	22.8	16.7	23.0	17.0
			661	1880.0	23.0	17.0			23.0	17.0		
			810	1909.8	22.7	16.7			22.7	16.7		

Notes:

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

GSM1900 Measured Results (ANT3)

Mode	Coding Scheme	Time Slots	Ch No.	Freq. (MHz)	Power Mode A (dBm)				Power Mode B (dBm)			
					Measured		Maximum Output Power		Measured		Maximum Output Power	
					Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr
GPRS/EDGE (GMSK)	CS1	1	512	1850.2	30.5	21.5	31.5	22.5	29.9	20.9	30.8	21.8
			661	1880.0	30.4	21.3			29.5	20.5		
			810	1909.8	30.5	21.4			29.9	20.9		
		2	512	1850.2	28.6	22.6	29.3	**23.3**	27.4	21.4	27.8	**21.8**
			661	1880.0	28.5	22.5			27.4	21.4		
			810	1909.8	28.6	22.6			27.3	21.3		
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	26.5	17.5			26.5	17.5		
			810	1909.8	26.4	17.4			26.4	17.4		
		2	512	1850.2	25.2	19.2	25.5	19.5	25.2	19.2	25.5	19.5
			661	1880.0	25.5	19.5			25.5	19.5		
			810	1909.8	24.8	18.8			24.8	18.8		

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		Maximum Output Power		Measured		Maximum Output Power	
					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	29.0	20.0	29.0	20.0	29.0	20.0
			661	1880.0	29.0	19.9			29.0	19.9		
			810	1909.8	29.0	20.0			29.0	20.0		
		2	512	1850.2	25.4	19.4	26.6	**20.6**	26.5	20.5	27.6	**21.6**
			661	1880.0	25.8	19.8			26.9	20.9		
			810	1909.8	25.7	19.7			27.0	21.0		
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	23.5	14.5			23.5	14.5		
			810	1909.8	23.5	14.5			23.5	14.5		
		2	512	1850.2	21.9	15.9	23.0	17.0	21.9	15.9	23.0	17.0
			661	1880.0	22.1	16.1			22.1	16.1		
			810	1909.8	22.0	16.0			22.0	16.0		

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.

9.2. W-CDMA

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

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

Release 99 Setup Procedures used to establish the test signals

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

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

Maximum Output Power for W-CDMA

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

RF Air interface	Mode	Target Output Power (dBm)								Maximum Output Power (dBm)							
		ANT1		ANT2		ANT3		ANT4		ANT1		ANT2		ANT3		ANT4	
		Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B
W-CDMA Band 2	R99	24.7	18.1	19.1	18.5	22.3	20.3	18.8	19.4	25.7	19.1	20.1	19.5	23.3	21.3	19.8	20.4
	HSDPA	24.7	18.1	19.1	18.5	22.3	20.3	18.8	19.4	25.7	19.1	20.1	19.5	23.3	21.3	19.8	20.4
	HSUPA	24.7	18.1	19.1	18.5	22.3	20.3	18.8	19.4	25.7	19.1	20.1	19.5	23.3	21.3	19.8	20.4
	DC-HSDPA	24.7	18.1	19.1	18.5	22.3	20.3	18.8	19.4	25.7	19.1	20.1	19.5	23.3	21.3	19.8	20.4
	HSPA+	24.7	18.1	19.1	18.5	22.3	20.3	18.8	19.4	25.7	19.1	20.1	19.5	23.3	21.3	19.8	20.4
W-CDMA Band 4	R99	24.3	18.3	18.9	18.8	21.8	21.3	18.6	20.6	25.3	19.3	19.9	19.8	22.8	22.3	19.6	21.6
	HSDPA	24.3	18.3	18.9	18.8	21.8	21.3	18.6	20.6	25.3	19.3	19.9	19.8	22.8	22.3	19.6	21.6
	HSUPA	24.3	18.3	18.9	18.8	21.8	21.3	18.6	20.6	25.3	19.3	19.9	19.8	22.8	22.3	19.6	21.6
	DC-HSDPA	24.3	18.3	18.9	18.8	21.8	21.3	18.6	20.6	25.3	19.3	19.9	19.8	22.8	22.3	19.6	21.6
	HSPA+	24.3	18.3	18.9	18.8	21.8	21.3	18.6	20.6	25.3	19.3	19.9	19.8	22.8	22.3	19.6	21.6
W-CDMA Band 5	R99	24.7	24.7	23.5	23.7					25.7	25.7	24.5	24.7				
	HSDPA	24.7	24.7	23.5	23.7					25.7	25.7	24.5	24.7				
	HSUPA	24.7	24.7	23.5	23.7					25.7	25.7	24.5	24.7				
	DC-HSDPA	24.7	24.7	23.5	23.7					25.7	25.7	24.5	24.7				
	HSPA+	24.7	24.7	23.5	23.7					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	Maximum Output Power	Measured Pwr	MPR	Maximum Output Power
Release 99	Rel 99 (RMC, 12.2 kbps)	9262	1852.4	25.0	N/A	25.7	18.8	N/A	19.1
		9400	1880.0	25.3			18.8		
		9538	1907.6	25.3			18.9		
HSDPA	Subtest 1	9262	1852.4	24.4	0	25.7	17.6	0	19.1
		9400	1880.0	24.6			18.2		
		9538	1907.6	24.7			18.3		
	Subtest 2	9262	1852.4	24.4	0	25.7	17.9	0	19.1
		9400	1880.0	24.6			18.1		
		9538	1907.6	24.7			18.2		
	Subtest 3	9262	1852.4	23.9	0.5	25.2	17.5	0.5	18.6
		9400	1880.0	24.1			17.7		
		9538	1907.6	24.2			17.7		
	Subtest 4	9262	1852.4	23.9	0.5	25.2	17.5	0.5	18.6
		9400	1880.0	24.1			17.7		
		9538	1907.6	24.1			17.7		
HSUPA	Subtest 1	9262	1852.4	24.4	0	25.7	18.0	0	19.1
		9400	1880.0	24.4			18.1		
		9538	1907.6	24.7			18.2		
	Subtest 2	9262	1852.4	22.4	2	23.7	16.4	2	17.1
		9400	1880.0	22.5			16.7		
		9538	1907.6	22.6			16.7		
	Subtest 3	9262	1852.4	23.4	1	24.7	16.9	1	18.1
		9400	1880.0	23.6			17.1		
		9538	1907.6	23.6			17.2		
	Subtest 4	9262	1852.4	22.4	2	23.7	16.0	2	17.1
		9400	1880.0	22.6			16.2		
		9538	1907.6	22.7			16.2		
	Subtest 5	9262	1852.4	24.4	0	25.7	18.0	0	19.1
		9400	1880.0	24.6			18.2		
		9538	1907.6	24.7			18.3		
DC-HSDPA	Subtest 1	9262	1852.4	24.4	0	25.7	17.6	0	19.1
		9400	1880.0	24.6			18.2		
		9538	1907.6	24.6			18.3		
	Subtest 2	9262	1852.4	24.4	0	25.7	17.9	0	19.1
		9400	1880.0	24.6			18.1		
		9538	1907.6	24.7			18.2		
	Subtest 3	9262	1852.4	24.3	0.5	25.2	17.5	0.5	18.6
		9400	1880.0	24.5			17.7		
		9538	1907.6	24.6			17.7		
	Subtest 4	9262	1852.4	24.3	0.5	25.2	17.5	0.5	18.6
		9400	1880.0	24.5			17.7		
		9538	1907.6	24.6			17.7		
HSPA+	Subtest 1	9262	1852.4	24.4	2.5	25.7	17.6	2.5	19.1
		9400	1880.0	24.6			18.2		
		9538	1907.6	24.7			18.3		

W-CDMA Band 2 Measured Results (ANT2)

Mode		UL Ch No.	Freq. (MHz)	Power Mode A (dBm)			Power Mode B (dBm)		
				Measured Pwr	MPR	Maximum Output Power	Measured Pwr	MPR	Maximum Output Power
Release 99	Rel 99 (RMC, 12.2 kbps)	9262	1852.4	19.0	N/A	20.1	19.5	N/A	19.5
		9400	1880.0	19.0			19.3		
		9538	1907.6	19.0			19.4		
HSDPA	Subtest 1	9262	1852.4	18.5	0	20.1	18.5	0	19.5
		9400	1880.0	18.6			18.6		
		9538	1907.6	18.5			18.5		
	Subtest 2	9262	1852.4	18.4	0	20.1	18.4	0	19.5
		9400	1880.0	18.6			18.6		
		9538	1907.6	18.5			18.5		
	Subtest 3	9262	1852.4	17.9	0.5	19.6	17.9	0.5	19.0
		9400	1880.0	17.9			17.9		
		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	18.0			18.0		
		9538	1907.6	17.9			17.9		
HSUPA	Subtest 1	9262	1852.4	18.5	0	20.1	18.5	0	19.5
		9400	1880.0	18.6			18.6		
		9538	1907.6	18.6			18.6		
	Subtest 2	9262	1852.4	16.4	2	18.1	16.4	2	17.5
		9400	1880.0	16.5			16.5		
		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	17.5			17.5		
		9538	1907.6	17.6			17.6		
	Subtest 4	9262	1852.4	16.5	2	18.1	16.5	2	17.5
		9400	1880.0	16.6			16.6		
		9538	1907.6	16.6			16.6		
	Subtest 5	9262	1852.4	18.5	0	20.1	18.5	0	19.5
		9400	1880.0	18.6			18.6		
		9538	1907.6	18.6			18.6		
DC-HSDPA	Subtest 1	9262	1852.4	18.5	0	20.1	18.5	0	19.5
		9400	1880.0	18.6			18.6		
		9538	1907.6	18.6			18.6		
	Subtest 2	9262	1852.4	18.4	0	20.1	18.4	0	19.5
		9400	1880.0	18.6			18.6		
		9538	1907.6	18.5			18.5		
	Subtest 3	9262	1852.4	17.9	0.5	19.6	17.9	0.5	19.0
		9400	1880.0	18.0			18.0		
		9538	1907.6	18.0			18.0		
	Subtest 4	9262	1852.4	17.9	0.5	19.6	17.9	0.5	19.0
		9400	1880.0	18.0			18.0		
		9538	1907.6	17.9			17.9		
HSPA+	Subtest 1	9262	1852.4	19.1	2.5	20.1	19.1	2.5	19.5
		9400	1880.0	19.2			19.2		
		9538	1907.6	19.2			19.2		

W-CDMA Band 2 Measured Results (ANT3)

Mode		UL Ch No.	Freq. (MHz)	Power Mode A (dBm)			Power Mode B (dBm)		
				Measured Pwr	MPR	Maximum Output Power	Measured Pwr	MPR	Maximum Output Power
Release 99	Rel 99 (RMC, 12.2 kbps)	9262	1852.4	22.8	N/A	23.3	21.3	N/A	21.3
		9400	1880.0	22.7			21.3		
		9538	1907.6	22.7			21.2		
HSDPA	Subtest 1	9262	1852.4	22.4	0	23.3	20.9	0	21.3
		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	21.3
		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	20.8
		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	20.8
		9400	1880.0	21.9			20.4		
		9538	1907.6	21.8			20.3		
HSUPA	Subtest 1	9262	1852.4	22.4	0	23.3	20.9	0	21.3
		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	19.3
		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	20.3
		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	19.3
		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	21.3
		9400	1880.0	22.4			21.0		
		9538	1907.6	22.3			20.9		
DC-HSDPA	Subtest 1	9262	1852.4	22.4	0	23.3	20.9	0	21.3
		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	21.3
		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	20.8
		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	20.8
		9400	1880.0	21.9			20.4		
		9538	1907.6	21.8			20.3		
HSPA+	Subtest 1	9262	1852.4	21.5	2.5	23.3	20.0	2.5	21.3
		9400	1880.0	21.5			20.1		
		9538	1907.6	21.4			20.1		

W-CDMA Band 2 Measured Results (ANT4)

Mode		UL Ch No.	Freq. (MHz)	Power Mode A (dBm)			Power Mode B (dBm)		
				Measured Pwr	MPR	Maximum Output Power	Measured Pwr	MPR	Maximum Output Power
Release 99	Rel 99 (RMC, 12.2 kbps)	9262	1852.4	19.2	N/A	19.8	20.4	N/A	20.4
		9400	1880.0	19.3			20.4		
		9538	1907.6	19.3			20.4		
HSDPA	Subtest 1	9262	1852.4	18.9	0	19.8	20.3	0	20.4
		9400	1880.0	18.9			20.3		
		9538	1907.6	18.9			20.4		
	Subtest 2	9262	1852.4	18.8	0	19.8	20.3	0	20.4
		9400	1880.0	18.8			20.1		
		9538	1907.6	18.9			20.3		
	Subtest 3	9262	1852.4	18.1	0.5	19.3	19.8	0.5	19.9
		9400	1880.0	18.1			19.6		
		9538	1907.6	18.2			19.8		
	Subtest 4	9262	1852.4	18.1	0.5	19.3	19.8	0.5	19.9
		9400	1880.0	18.2			19.6		
		9538	1907.6	18.1			19.8		
HSUPA	Subtest 1	9262	1852.4	18.9	0	19.8	20.3	0	20.4
		9400	1880.0	18.9			20.2		
		9538	1907.6	18.8			20.3		
	Subtest 2	9262	1852.4	17.0	2	17.8	18.4	2	18.4
		9400	1880.0	16.9			18.3		
		9538	1907.6	16.9			18.3		
	Subtest 3	9262	1852.4	17.9	1	18.8	19.4	1	19.4
		9400	1880.0	17.8			19.2		
		9538	1907.6	17.8			19.4		
	Subtest 4	9262	1852.4	17.0	2	17.8	18.4	2	18.4
		9400	1880.0	16.9			18.3		
		9538	1907.6	16.9			18.4		
	Subtest 5	9262	1852.4	19.0	0	19.8	20.3	0	20.4
		9400	1880.0	18.9			20.3		
		9538	1907.6	18.8			20.4		
DC-HSDPA	Subtest 1	9262	1852.4	18.9	0	19.8	20.2	0	20.4
		9400	1880.0	18.6			20.1		
		9538	1907.6	18.8			20.2		
	Subtest 2	9262	1852.4	18.9	0	19.8	20.1	0	20.4
		9400	1880.0	18.8			20.1		
		9538	1907.6	18.7			20.2		
	Subtest 3	9262	1852.4	18.1	0.5	19.3	19.8	0.5	19.9
		9400	1880.0	18.1			19.6		
		9538	1907.6	18.2			19.7		
	Subtest 4	9262	1852.4	18.1	0.5	19.3	19.9	0.5	19.9
		9400	1880.0	18.1			19.6		
		9538	1907.6	18.2			19.7		
HSPA+	Subtest 1	9262	1852.4	18.9	2.5	19.8	20.3	2.5	20.4
		9400	1880.0	18.9			20.2		
		9538	1907.6	18.9			20.3		

W-CDMA Band 4 Measured Results (ANT1)

Mode		UL Ch No.	Freq. (MHz)	Power Mode A (dBm)			Power Mode B (dBm)		
				Measured Pwr	MPR	Maximum Output Power	Measured Pwr	MPR	Maximum Output Power
Release 99	Rel 99 (RMC, 12.2 kbps)	1312	1712.4	25.3	N/A	25.3	18.2	N/A	19.3
		1413	1732.6	25.3			18.4		
		1513	1752.6	25.2			18.4		
HSDPA	Subtest 1	1312	1712.4	24.4	0	25.3	17.6	0	19.3
		1413	1732.6	24.6			17.7		
		1513	1752.6	24.4			17.5		
	Subtest 2	1312	1712.4	24.6	0	25.3	17.5	0	19.3
		1413	1732.6	24.6			17.6		
		1513	1752.6	24.4			17.5		
	Subtest 3	1312	1712.4	24.1	0.5	24.8	17.0	0.5	18.8
		1413	1732.6	24.1			17.1		
		1513	1752.6	23.9			16.9		
	Subtest 4	1312	1712.4	24.1	0.5	24.8	17.0	0.5	18.8
		1413	1732.6	24.1			17.1		
		1513	1752.6	23.9			17.0		
HSUPA	Subtest 1	1312	1712.4	24.4	0	25.3	17.6	0	19.3
		1413	1732.6	24.6			17.7		
		1513	1752.6	24.4			17.5		
	Subtest 2	1312	1712.4	22.5	2	23.3	15.6	2	17.3
		1413	1732.6	22.5			15.6		
		1513	1752.6	22.3			15.5		
	Subtest 3	1312	1712.4	23.6	1	24.3	16.6	1	18.3
		1413	1732.6	23.5			16.7		
		1513	1752.6	23.4			16.4		
	Subtest 4	1312	1712.4	22.5	2	23.3	15.6	2	17.3
		1413	1732.6	22.6			15.7		
		1513	1752.6	22.6			15.4		
	Subtest 5	1312	1712.4	24.6	0	25.3	17.6	0	19.3
		1413	1732.6	24.6			17.7		
		1513	1752.6	24.4			17.6		
DC-HSDPA	Subtest 1	1312	1712.4	24.4	0	25.3	17.6	0	19.3
		1413	1732.6	24.6			17.7		
		1513	1752.6	24.4			17.5		
	Subtest 2	1312	1712.4	24.6	0	25.3	17.5	0	19.3
		1413	1732.6	24.6			17.5		
		1513	1752.6	24.4			17.4		
	Subtest 3	1312	1712.4	24.1	0.5	24.8	17.1	0.5	18.8
		1413	1732.6	24.1			17.0		
		1513	1752.6	23.9			16.9		
	Subtest 4	1312	1712.4	24.1	0.5	24.8	17.0	0.5	18.8
		1413	1732.6	24.1			17.1		
		1513	1752.6	24.0			17.1		
HSPA+	Subtest 1	1312	1712.4	24.1	2.5	25.3	17.5	2.5	19.3
		1413	1732.6	24.1			17.6		
		1513	1752.6	24.2			17.4		

W-CDMA Band 4 Measured Results (ANT2)

Mode		UL Ch No.	Freq. (MHz)	Power Mode A (dBm)			Power Mode B (dBm)		
				Measured Pwr	MPR	Maximum Output Power	Measured Pwr	MPR	Maximum Output Power
Release 99	Rel 99 (RMC, 12.2 kbps)	1312	1712.4	19.2	N/A	19.9	19.5	N/A	19.8
		1413	1732.6	19.1			19.5		
		1513	1752.6	19.3			19.5		
HSDPA	Subtest 1	1312	1712.4	18.8	0	19.9	18.0	0	19.8
		1413	1732.6	18.6			17.9		
		1513	1752.6	18.5			18.0		
	Subtest 2	1312	1712.4	18.6	0	19.9	17.9	0	19.8
		1413	1732.6	18.5			17.8		
		1513	1752.6	18.5			18.0		
	Subtest 3	1312	1712.4	18.1	0.5	19.4	17.5	0.5	19.3
		1413	1732.6	18.0			17.4		
		1513	1752.6	18.1			17.5		
	Subtest 4	1312	1712.4	18.0	0.5	19.4	17.4	0.5	19.3
		1413	1732.6	18.1			17.4		
		1513	1752.6	18.0			17.5		
HSUPA	Subtest 1	1312	1712.4	18.7	0	19.9	18.0	0	19.8
		1413	1732.6	18.6			18.0		
		1513	1752.6	18.5			18.0		
	Subtest 2	1312	1712.4	16.7	2	17.9	16.0	2	17.8
		1413	1732.6	16.5			15.9		
		1513	1752.6	16.5			16.0		
	Subtest 3	1312	1712.4	17.7	1	18.9	17.0	1	18.8
		1413	1732.6	17.5			16.9		
		1513	1752.6	17.5			17.0		
	Subtest 4	1312	1712.4	16.7	2	17.9	16.0	2	17.8
		1413	1732.6	16.5			15.9		
		1513	1752.6	16.5			16.0		
	Subtest 5	1312	1712.4	18.7	0	19.9	18.0	0	19.8
		1413	1732.6	18.6			18.0		
		1513	1752.6	18.5			18.1		
DC-HSDPA	Subtest 1	1312	1712.4	18.8	0	19.9	17.9	0	19.8
		1413	1732.6	18.6			17.9		
		1513	1752.6	18.5			18.0		
	Subtest 2	1312	1712.4	18.6	0	19.9	17.9	0	19.8
		1413	1732.6	18.5			17.9		
		1513	1752.6	18.5			18.0		
	Subtest 3	1312	1712.4	18.0	0.5	19.4	17.4	0.5	19.3
		1413	1732.6	18.0			17.5		
		1513	1752.6	18.0			17.5		
	Subtest 4	1312	1712.4	18.0	0.5	19.4	17.5	0.5	19.3
		1413	1732.6	18.0			17.4		
		1513	1752.6	18.0			17.5		
HSPA+	Subtest 1	1312	1712.4	18.9	2.5	19.9	18.0	2.5	19.8
		1413	1732.6	18.6			18.0		
		1513	1752.6	18.5			18.0		

W-CDMA Band 4 Measured Results (ANT3)

Mode		UL Ch No.	Freq. (MHz)	Power Mode A (dBm)			Power Mode B (dBm)		
				Measured Pwr	MPR	Maximum Output Power	Measured Pwr	MPR	Maximum Output Power
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	21.8	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	21.5			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		
HSUPA	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	21.0			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	22.0	0	22.8	21.1	0	22.3
		1413	1732.6	22.0			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	21.4			20.4		
	Subtest 4	1312	1712.4	21.4	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	21.0	2.5	22.8	20.8	2.5	22.3
		1413	1732.6	21.0			20.9		
		1513	1752.6	21.0			20.8		

W-CDMA Band 4 Measured Results (ANT4)

Mode		UL Ch No.	Freq. (MHz)	Power Mode A (dBm)			Power Mode B (dBm)		
				Measured Pwr	MPR	Maximum Output Power	Measured Pwr	MPR	Maximum Output Power
Release 99	Rel 99 (RMC, 12.2 kbps)	1312	1712.4	19.3	N/A	19.6	20.8	N/A	21.6
		1413	1732.6	19.5			20.8		
		1513	1752.6	19.5			20.8		
HSDPA	Subtest 1	1312	1712.4	19.0	0	19.6	20.4	0	21.6
		1413	1732.6	18.9			20.3		
		1513	1752.6	18.9			20.4		
	Subtest 2	1312	1712.4	18.8	0	19.6	20.4	0	21.6
		1413	1732.6	18.8			20.1		
		1513	1752.6	18.7			20.3		
	Subtest 3	1312	1712.4	18.2	0.5	19.1	19.8	0.5	21.1
		1413	1732.6	18.2			19.6		
		1513	1752.6	18.2			19.8		
	Subtest 4	1312	1712.4	18.1	0.5	19.1	19.8	0.5	21.1
		1413	1732.6	18.2			19.6		
		1513	1752.6	18.1			19.8		
HSUPA	Subtest 1	1312	1712.4	18.9	0	19.6	20.4	0	21.6
		1413	1732.6	18.8			20.2		
		1513	1752.6	18.9			20.3		
	Subtest 2	1312	1712.4	17.0	2	17.6	18.4	2	19.6
		1413	1732.6	16.9			18.3		
		1513	1752.6	16.9			18.3		
	Subtest 3	1312	1712.4	17.9	1	18.6	19.4	1	20.6
		1413	1732.6	17.8			19.2		
		1513	1752.6	17.8			19.4		
	Subtest 4	1312	1712.4	17.0	2	17.6	18.4	2	19.6
		1413	1732.6	16.8			18.3		
		1513	1752.6	16.9			18.4		
	Subtest 5	1312	1712.4	19.0	0	19.6	20.4	0	21.6
		1413	1732.6	18.9			20.3		
		1513	1752.6	18.8			20.4		
DC-HSDPA	Subtest 1	1312	1712.4	18.9	0	19.6	20.4	0	21.6
		1413	1732.6	18.8			20.1		
		1513	1752.6	18.9			20.2		
	Subtest 2	1312	1712.4	18.9	0	19.6	20.4	0	21.6
		1413	1732.6	18.8			20.1		
		1513	1752.6	18.8			20.2		
	Subtest 3	1312	1712.4	18.2	0.5	19.1	19.8	0.5	21.1
		1413	1732.6	18.1			19.6		
		1513	1752.6	18.2			19.7		
	Subtest 4	1312	1712.4	18.1	0.5	19.1	19.9	0.5	21.1
		1413	1732.6	18.1			19.6		
		1513	1752.6	18.2			19.7		
HSPA+	Subtest 1	1312	1712.4	18.8	2.5	19.6	20.4	2.5	21.6
		1413	1732.6	18.8			20.1		
		1513	1752.6	18.9			20.3		

W-CDMA Band 5 Measured Results (ANT1)

Mode		UL Ch No.	Freq. (MHz)	Power Mode A (dBm)			Power Mode B (dBm)		
				Measured Pwr	MPR	Maximum Output Power	Measured Pwr	MPR	Maximum Output Power
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	25.3			25.3		
		4233	846.6	25.2			25.2		
HSDPA	Subtest 1	4132	826.4	24.5	0	25.7	24.5	0	25.7
		4183	836.6	24.5			24.5		
		4233	846.6	24.4			24.4		
	Subtest 2	4132	826.4	24.3	0	25.7	24.3	0	25.7
		4183	836.6	24.4			24.4		
		4233	846.6	24.4			24.4		
	Subtest 3	4132	826.4	23.9	0.5	25.2	23.9	0.5	25.2
		4183	836.6	24.0			24.0		
		4233	846.6	24.0			24.0		
	Subtest 4	4132	826.4	23.9	0.5	25.2	23.9	0.5	25.2
		4183	836.6	24.0			24.0		
		4233	846.6	24.0			24.0		
HSUPA	Subtest 1	4132	826.4	24.6	0	25.7	24.6	0	25.7
		4183	836.6	24.5			24.5		
		4233	846.6	24.4			24.4		
	Subtest 2	4132	826.4	22.5	2	23.7	22.5	2	23.7
		4183	836.6	22.5			22.5		
		4233	846.6	22.4			22.4		
	Subtest 3	4132	826.4	23.5	1	24.7	23.5	1	24.7
		4183	836.6	23.5			23.5		
		4233	846.6	23.4			23.4		
	Subtest 4	4132	826.4	22.5	2	23.7	22.5	2	23.7
		4183	836.6	22.6			22.6		
		4233	846.6	22.4			22.4		
	Subtest 5	4132	826.4	24.5	0	25.7	24.5	0	25.7
		4183	836.6	24.6			24.6		
		4233	846.6	25.5			25.5		
DC-HSDPA	Subtest 1	4132	826.4	24.5	0	25.7	24.5	0	25.7
		4183	836.6	24.5			24.5		
		4233	846.6	24.4			24.4		
	Subtest 2	4132	826.4	24.3	0	25.7	24.3	0	25.7
		4183	836.6	24.4			24.4		
		4233	846.6	24.4			24.4		
	Subtest 3	4132	826.4	23.9	0.5	25.2	23.9	0.5	25.2
		4183	836.6	24.0			24.0		
		4233	846.6	24.0			24.0		
	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	24.0			24.0		
HSPA+	Subtest 1	4132	826.4	24.5	2.5	25.7	24.5	2.5	25.7
		4183	836.6	24.5			24.5		
		4233	846.6	24.4			24.4		

W-CDMA Band 5 Measured Results (ANT2)

Mode		UL Ch No.	Freq. (MHz)	Power Mode A (dBm)			Power Mode B (dBm)		
				Measured Pwr	MPR	Maximum Output Power	Measured Pwr	MPR	Maximum Output Power
Release 99	Rel 99 (RMC, 12.2 kbps)	4132	826.4	24.1	N/A	24.5	24.1	N/A	24.7
		4183	836.6	24.1			24.3		
		4233	846.6	23.8			24.1		
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		
HSUPA	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	22.0	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	21.0			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	23.0			23.4		
DC-HSDPA	Subtest 1	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			23.3		
	Subtest 2	4132	826.4	23.1	0	24.5	23.4	0	24.7
		4183	836.6	23.1			23.3		
		4233	846.6	23.1			23.3		
	Subtest 3	4132	826.4	22.5	0.5	24.0	22.9	0.5	24.2
		4183	836.6	22.5			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			22.8		
		4233	846.6	22.5			22.8		
HSPA+	Subtest 1	4132	826.4	23.0	2.5	24.5	23.3	2.5	24.7
		4183	836.6	23.1			23.4		
		4233	846.6	23.0			23.4		

9.3. LTE

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

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

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

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

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

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

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

Maximum Output Power for LTE

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

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

- LTE Band 2 (1850-1910 MHz) is covered by LTE Band 25 (1850-1915 MHz)
- LTE Band 4 (1710-1755 MHz) is covered by LTE Band 66 (1710-1780 MHz)
- LTE Band 17 (704-716 MHz) is covered by LTE Band 12 (699-716 MHz)

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

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

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

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

RF Air interface	Mode	Target Output Power (dBm)								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	24.7	18.5	19.6	18.5	22.3	20.9	19.6	20.0	25.7	19.5	20.6	19.5	23.3	21.9	20.6	21.0
LTE Band 4	QPSK	24.3	18.5	18.6	18.3	21.8	21.1	19.0	20.4	25.3	19.5	19.6	19.3	22.8	22.1	20.0	21.4
LTE Band 5	QPSK	24.7	24.7	23.5	23.7	24.4	24.3			25.7	25.7	24.5	24.7	25.4	25.3		
LTE Band 7	QPSK	19.0	21.0	17.7	18.6	20.8	19.8	19.0	19.4	20.0	22.0	18.7	19.6	21.8	20.8	20.0	20.4
LTE Band 12	QPSK	24.7	24.7	23.7	23.7	24.4	24.4			25.7	25.7	24.7	24.7	25.4	25.4		
LTE Band 13	QPSK	24.7	24.7	23.5	23.5	24.4	24.4			25.7	25.7	24.5	24.5	25.4	25.4		
LTE Band 14	QPSK	24.7	24.7	23.5	23.5	24.4	24.4			25.7	25.7	24.5	24.5	25.4	25.4		
LTE Band 17	QPSK	24.7	24.7	23.7	23.7	24.4	24.4			25.7	25.7	24.7	24.7	25.4	25.4		
LTE Band 25	QPSK	24.7	18.5	19.6	18.5	22.3	20.9	19.6	20.0	25.7	19.5	20.6	19.5	23.3	21.9	20.6	21.0
LTE Band 26	QPSK	24.7	24.7	23.5	23.7	24.4	24.3			25.7	25.7	24.5	24.7	25.4	25.3		
LTE Band 30	QPSK	24.7	23.3	21.4	21.2	20.6	18.6	20.4	18.9	25.7	24.3	22.4	22.2	21.6	19.6	21.4	19.9
LTE Band 41 (PC3)	QPSK	24.7	21.8	19.6	20.2	23.8	19.5	20.7	19.8	25.7	22.8	20.6	21.2	24.8	20.5	21.7	20.8
LTE Band 41 (PC 2)	QPSK	27.1	23.4	21.2	21.8	25.4	21.1	22.3	21.4	28.1	24.4	22.2	22.8	26.4	22.1	23.3	22.4
LTE Band 53	QPSK	19.7	19.7	19.7	19.7					20.7	20.7	20.7	20.7				
LTE Band 66	QPSK	24.3	18.5	18.6	18.3	21.8	21.1	19.0	20.4	25.3	19.5	19.6	19.3	22.8	22.1	20.0	21.4
LTE Band 71	QPSK	24.7	24.7	23.7	23.7	24.4	24.4			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	19.0	19.9	22.5	20.1	22.2	20.7	25.0	22.8	20.0	20.9	23.5	21.1	23.2	21.7

LTE Band 5 Measured Results (ANT1)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)			Power Mode B (dBm)		
				20525	MPR	Maximum Output Power	20525	MPR	Maximum Output Power
				836.5 MHz			836.5 MHz		
10	QPSK	1	0	24.7	0	25.7	24.7	0	25.7
		1	25	24.8	0	25.7	24.8	0	25.7
		1	49	24.7	0	25.7	24.7	0	25.7
		25	0	23.8	1	24.7	23.8	1	24.7
		25	12	23.8	1	24.7	23.8	1	24.7
		25	25	23.8	1	24.7	23.8	1	24.7
		50	0	23.7	1	24.7	23.7	1	24.7
	16QAM	1	0	24.0	1	24.7	24.0	1	24.7
		1	25	24.1	1	24.7	24.1	1	24.7
		1	49	24.1	1	24.7	24.1	1	24.7
		25	0	22.8	2	23.7	22.8	2	23.7
		25	12	22.8	2	23.7	22.8	2	23.7
		25	25	22.9	2	23.7	22.9	2	23.7
		50	0	22.8	2	23.7	22.8	2	23.7
	64QAM	1	0	22.9	2	23.7	22.9	2	23.7
		1	25	23.1	2	23.7	23.1	2	23.7
		1	49	23.0	2	23.7	23.0	2	23.7
		25	0	21.8	3	22.7	21.8	3	22.7
		25	12	21.8	3	22.7	21.8	3	22.7
		25	25	21.9	3	22.7	21.9	3	22.7
		50	0	21.8	3	22.7	21.8	3	22.7
	256QAM	1	0	19.9	5	20.7	19.9	5	20.7
		1	25	20.0	5	20.7	20.0	5	20.7
		1	49	20.0	5	20.7	20.0	5	20.7
		25	0	19.8	5	20.7	19.8	5	20.7
		25	12	19.8	5	20.7	19.8	5	20.7
		25	25	19.8	5	20.7	19.8	5	20.7
		50	0	19.8	5	20.7	19.8	5	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				20425	20525	20625	MPR	Maximum Output Power	20425	20525	20625	MPR	Maximum Output Power
				826.5 MHz	836.5 MHz	846.5 MHz			826.5 MHz	836.5 MHz	846.5 MHz		
5	QPSK	1	0	24.7	24.7	24.8	0	25.7	24.7	24.7	24.8	0	25.7
		1	12	24.8	24.8	24.9	0	25.7	24.8	24.8	24.9	0	25.7
		1	24	24.7	24.7	24.8	0	25.7	24.7	24.7	24.8	0	25.7
		12	0	23.6	23.7	23.8	1	24.7	23.6	23.7	23.8	1	24.7
		12	7	23.7	23.7	23.8	1	24.7	23.7	23.7	23.8	1	24.7
		12	13	23.7	23.8	23.9	1	24.7	23.7	23.8	23.9	1	24.7
		25	0	23.7	23.8	23.8	1	24.7	23.7	23.8	23.8	1	24.7
	16QAM	1	0	24.0	24.1	24.3	1	24.7	24.0	24.1	24.3	1	24.7
		1	12	24.1	24.3	24.4	1	24.7	24.1	24.3	24.4	1	24.7
		1	24	24.0	24.1	24.3	1	24.7	24.0	24.1	24.3	1	24.7
		12	0	22.7	22.7	22.8	2	23.7	22.7	22.7	22.8	2	23.7
		12	7	22.8	22.8	22.9	2	23.7	22.8	22.8	22.9	2	23.7
		12	13	22.7	22.8	22.9	2	23.7	22.7	22.8	22.9	2	23.7
		25	0	22.7	22.9	22.8	2	23.7	22.7	22.9	22.8	2	23.7
	64QAM	1	0	23.1	22.9	23.1	2	23.7	23.1	22.9	23.1	2	23.7
		1	12	23.2	23.1	23.2	2	23.7	23.2	23.1	23.2	2	23.7
		1	24	23.1	23.0	23.1	2	23.7	23.1	23.0	23.1	2	23.7
		12	0	21.7	21.8	21.9	3	22.7	21.7	21.8	21.9	3	22.7
		12	7	21.8	21.8	22.0	3	22.7	21.8	21.8	22.0	3	22.7
		12	13	21.8	21.9	22.0	3	22.7	21.8	21.9	22.0	3	22.7
		25	0	21.8	21.8	22.0	3	22.7	21.8	21.8	22.0	3	22.7
	256QAM	1	0	19.8	19.9	20.0	5	20.7	19.8	19.9	20.0	5	20.7
		1	12	19.9	20.0	20.1	5	20.7	19.9	20.0	20.1	5	20.7
		1	24	19.9	20.0	20.1	5	20.7	19.9	20.0	20.1	5	20.7
		12	0	19.7	19.8	19.9	5	20.7	19.7	19.8	19.9	5	20.7
		12	7	19.8	19.8	20.0	5	20.7	19.8	19.8	20.0	5	20.7
		12	13	19.8	19.8	20.0	5	20.7	19.8	19.8	20.0	5	20.7
		25	0	19.8	19.8	19.9	5	20.7	19.8	19.8	19.9	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	Maximum Output Power	20415	20525	20635	MPR	Maximum Output Power
				825.5 MHz	836.5 MHz	847.5 MHz			825.5 MHz	836.5 MHz	847.5 MHz		
3	QPSK	1	0	24.6	24.7	24.8	0	25.7	24.6	24.7	24.8	0	25.7
		1	8	24.7	24.7	24.9	0	25.7	24.7	24.7	24.9	0	25.7
		1	14	24.6	24.6	24.8	0	25.7	24.6	24.6	24.8	0	25.7
		8	0	23.6	23.7	23.8	1	24.7	23.6	23.7	23.8	1	24.7
		8	4	23.7	23.7	23.8	1	24.7	23.7	23.7	23.8	1	24.7
		8	7	23.7	23.8	23.9	1	24.7	23.7	23.8	23.9	1	24.7
		15	0	23.7	23.8	23.8	1	24.7	23.7	23.8	23.8	1	24.7
	16QAM	1	0	23.9	24.1	24.2	1	24.7	23.9	24.1	24.2	1	24.7
		1	8	24.0	24.2	24.2	1	24.7	24.0	24.2	24.2	1	24.7
		1	14	23.9	24.1	24.2	1	24.7	23.9	24.1	24.2	1	24.7
		8	0	22.7	22.8	22.9	2	23.7	22.7	22.8	22.9	2	23.7
		8	4	22.8	22.8	22.9	2	23.7	22.8	22.8	22.9	2	23.7
		8	7	22.7	22.9	23.0	2	23.7	22.7	22.9	23.0	2	23.7
		15	0	22.7	22.8	22.8	2	23.7	22.7	22.8	22.8	2	23.7
	64QAM	1	0	22.8	22.9	22.7	2	23.7	22.8	22.9	22.7	2	23.7
		1	8	23.0	23.0	23.0	2	23.7	23.0	23.0	23.0	2	23.7
		1	14	22.9	23.0	23.0	2	23.7	22.9	23.0	23.0	2	23.7
		8	0	21.7	21.7	22.0	3	22.7	21.7	21.7	22.0	3	22.7
		8	4	21.8	21.8	22.0	3	22.7	21.8	21.8	22.0	3	22.7
		8	7	21.8	21.8	22.1	3	22.7	21.8	21.8	22.1	3	22.7
		15	0	21.8	21.8	21.9	3	22.7	21.8	21.8	21.9	3	22.7
	256QAM	1	0	19.7	19.8	19.9	5	20.7	19.7	19.8	19.9	5	20.7
		1	8	19.9	20.0	20.2	5	20.7	19.9	20.0	20.2	5	20.7
		1	14	19.8	20.0	20.1	5	20.7	19.8	20.0	20.1	5	20.7
		8	0	19.7	19.8	19.9	5	20.7	19.7	19.8	19.9	5	20.7
		8	4	19.8	19.8	19.9	5	20.7	19.8	19.8	19.9	5	20.7
		8	7	19.8	19.9	20.0	5	20.7	19.8	19.9	20.0	5	20.7
		15	0	19.8	19.8	19.9	5	20.7	19.8	19.8	19.9	5	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				20407	20525	20643	MPR	Maximum Output Power	20407	20525	20643	MPR	Maximum Output Power
				824.7 MHz	836.5 MHz	848.3 MHz			824.7 MHz	836.5 MHz	848.3 MHz		
1.4	QPSK	1	0	24.6	24.8	24.9	0	25.7	24.6	24.8	24.9	0	25.7
		1	3	24.6	24.8	24.9	0	25.7	24.6	24.8	24.9	0	25.7
		1	5	24.6	24.8	24.9	0	25.7	24.6	24.8	24.9	0	25.7
		3	0	24.7	24.8	24.9	0	25.7	24.7	24.8	24.9	0	25.7
		3	1	24.7	24.8	24.9	0	25.7	24.7	24.8	24.9	0	25.7
		3	3	24.7	24.8	24.9	0	25.7	24.7	24.8	24.9	0	25.7
		6	0	23.7	23.7	23.8	1	24.7	23.7	23.7	23.8	1	24.7
	16QAM	1	0	24.0	23.9	24.2	1	24.7	24.0	23.9	24.2	1	24.7
		1	3	24.0	24.0	24.2	1	24.7	24.0	24.0	24.2	1	24.7
		1	5	24.0	23.9	24.2	1	24.7	24.0	23.9	24.2	1	24.7
		3	0	23.8	23.8	24.0	1	24.7	23.8	23.8	24.0	1	24.7
		3	1	23.8	23.8	24.0	1	24.7	23.8	23.8	24.0	1	24.7
		3	3	23.8	23.9	24.1	1	24.7	23.8	23.9	24.1	1	24.7
		6	0	22.7	22.8	22.9	2	23.7	22.7	22.8	22.9	2	23.7
	64QAM	1	0	22.8	22.9	23.2	2	23.7	22.8	22.9	23.2	2	23.7
		1	3	22.8	23.0	23.2	2	23.7	22.8	23.0	23.2	2	23.7
		1	5	22.8	22.9	23.1	2	23.7	22.8	22.9	23.1	2	23.7
		3	0	22.8	22.8	23.2	2	23.7	22.8	22.8	23.2	2	23.7
		3	1	22.8	22.8	23.2	2	23.7	22.8	22.8	23.2	2	23.7
		3	3	22.8	22.9	23.2	2	23.7	22.8	22.9	23.2	2	23.7
		6	0	21.7	21.9	21.9	3	22.7	21.7	21.9	21.9	3	22.7
	256QAM	1	0	19.7	19.8	20.0	5	20.7	19.7	19.8	20.0	5	20.7
		1	3	19.7	20.0	20.0	5	20.7	19.7	20.0	20.0	5	20.7
		1	5	19.8	19.9	20.0	5	20.7	19.8	19.9	20.0	5	20.7
		3	0	19.7	19.7	20.0	5	20.7	19.7	19.7	20.0	5	20.7
		3	1	19.8	19.7	20.1	5	20.7	19.8	19.7	20.1	5	20.7
		3	3	19.7	19.8	20.1	5	20.7	19.7	19.8	20.1	5	20.7
		6	0	19.7	19.9	19.9	5	20.7	19.7	19.9	19.9	5	20.7

LTE Band 5 Measured Results (ANT2)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)			Power Mode B (dBm)				
				[redacted]	20525	[redacted]	MPR	Maximum Output Power	[redacted]	20525	[redacted]	MPR	Maximum Output Power
					836.5 MHz					836.5 MHz			
10	QPSK	1	0		23.9		0	24.5		24.1		0	24.7
		1	25		24.0		0	24.5		24.3		0	24.7
		1	49		23.9		0	24.5		24.1		0	24.7
		25	0		23.1		0.8	23.7		23.1		1	23.7
		25	12		23.1		0.8	23.7		23.3		1	23.7
		25	25		23.1		0.8	23.7		23.2		1	23.7
		50	0		23.1		0.8	23.7		23.3		1	23.7
	16QAM	1	0		23.3		0.8	23.7		23.3		1	23.7
		1	25		23.3		0.8	23.7		23.4		1	23.7
		1	49		23.3		0.8	23.7		23.4		1	23.7
		25	0		22.2		1.8	22.7		22.2		2	22.7
		25	12		22.2		1.8	22.7		22.2		2	22.7
		25	25		22.3		1.8	22.7		22.2		2	22.7
		50	0		22.1		1.8	22.7		22.1		2	22.7
	64QAM	1	0		22.2		1.8	22.7		22.2		2	22.7
		1	25		22.3		1.8	22.7		22.3		2	22.7
		1	49		22.3		1.8	22.7		22.2		2	22.7
		25	0		21.1		2.8	21.7		21.1		3	21.7
		25	12		21.2		2.8	21.7		21.1		3	21.7
		25	25		21.2		2.8	21.7		21.2		3	21.7
		50	0		21.1		2.8	21.7		21.1		3	21.7
	256QAM	1	0		19.2		4.8	19.7		19.1		5	19.7
		1	25		19.4		4.8	19.7		19.3		5	19.7
		1	49		19.3		4.8	19.7		19.2		5	19.7
		25	0		19.1		4.8	19.7		19.1		5	19.7
		25	12		19.2		4.8	19.7		19.1		5	19.7
		25	25		19.3		4.8	19.7		19.2		5	19.7
		50	0		19.1		4.8	19.7		19.1		5	19.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				20425	20525	20625	MPR	Maximum Output Power	20425	20525	20625	MPR	Maximum Output Power
				826.5 MHz	836.5 MHz	846.5 MHz			826.5 MHz	836.5 MHz	846.5 MHz		
5	QPSK	1	0	23.8	23.9	24.0	0	24.5	23.9	24.1	24.1	0	24.7
		1	12	23.9	24.0	24.0	0	24.5	24.1	24.2	24.2	0	24.7
		1	24	23.8	23.9	23.9	0	24.5	24.0	24.1	24.1	0	24.7
		12	0	23.0	23.1	23.1	0.8	23.7	23.0	23.1	23.1	1	23.7
		12	7	23.1	23.1	23.3	0.8	23.7	23.1	23.1	23.2	1	23.7
		12	13	23.1	23.2	23.2	0.8	23.7	23.1	23.2	23.2	1	23.7
		25	0	23.1	23.1	23.2	0.8	23.7	23.1	23.1	23.2	1	23.7
	16QAM	1	0	23.4	23.5	23.6	0.8	23.7	23.4	23.5	23.5	1	23.7
		1	12	23.5	23.6	23.7	0.8	23.7	23.5	23.6	23.6	1	23.7
		1	24	23.5	23.5	23.6	0.8	23.7	23.4	23.5	23.6	1	23.7
		12	0	22.1	22.2	22.1	1.8	22.7	22.1	22.2	22.1	2	22.7
		12	7	22.2	22.2	22.2	1.8	22.7	22.3	22.2	22.2	2	22.7
		12	13	22.2	22.2	22.2	1.8	22.7	22.2	22.2	22.2	2	22.7
		25	0	22.1	22.1	22.2	1.8	22.7	22.1	22.1	22.2	2	22.7
	64QAM	1	0	22.2	22.4	22.3	1.8	22.7	22.4	22.3	22.4	2	22.7
		1	12	22.3	22.5	22.4	1.8	22.7	22.5	22.4	22.4	2	22.7
		1	24	22.2	22.4	22.3	1.8	22.7	22.4	22.3	22.4	2	22.7
		12	0	21.0	21.2	21.1	2.8	21.7	21.0	21.1	21.1	3	21.7
		12	7	21.1	21.2	21.3	2.8	21.7	21.1	21.1	21.2	3	21.7
		12	13	21.1	21.2	21.2	2.8	21.7	21.1	21.2	21.2	3	21.7
		25	0	21.1	21.1	21.2	2.8	21.7	21.1	21.1	21.2	3	21.7
	256QAM	1	0	19.1	19.3	19.2	4.8	19.7	19.2	19.2	19.1	5	19.7
		1	12	19.3	19.4	19.4	4.8	19.7	19.3	19.3	19.3	5	19.7
		1	24	19.2	19.4	19.3	4.8	19.7	19.3	19.3	19.2	5	19.7
		12	0	19.0	19.2	19.2	4.8	19.7	19.0	19.1	19.1	5	19.7
		12	7	19.2	19.2	19.3	4.8	19.7	19.2	19.2	19.2	5	19.7
		12	13	19.1	19.2	19.3	4.8	19.7	19.1	19.2	19.2	5	19.7
		25	0	19.1	19.1	19.2	4.8	19.7	19.1	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	Maximum Output Power	20415	20525	20635	MPR	Maximum Output Power
				825.5 MHz	836.5 MHz	847.5 MHz			825.5 MHz	836.5 MHz	847.5 MHz		
3	QPSK	1	0	23.7	23.9	23.9	0	24.5	24.0	24.1	24.1	0	24.7
		1	8	23.9	24.0	24.0	0	24.5	24.1	24.2	24.2	0	24.7
		1	14	23.8	23.9	23.9	0	24.5	24.0	24.1	24.1	0	24.7
		8	0	23.0	23.1	23.1	0.8	23.7	23.0	23.1	23.1	1	23.7
		8	4	23.1	23.1	23.2	0.8	23.7	23.1	23.1	23.2	1	23.7
		8	7	23.1	23.2	23.2	0.8	23.7	23.1	23.2	23.2	1	23.7
		15	0	23.1	23.1	23.1	0.8	23.7	23.0	23.1	23.1	1	23.7
	16QAM	1	0	23.3	23.4	23.4	0.8	23.7	23.3	23.4	23.5	1	23.7
		1	8	23.4	23.5	23.5	0.8	23.7	23.4	23.5	23.6	1	23.7
		1	14	23.3	23.4	23.4	0.8	23.7	23.2	23.4	23.5	1	23.7
		8	0	22.0	22.2	22.2	1.8	22.7	22.1	22.1	22.2	2	22.7
		8	4	22.1	22.2	22.3	1.8	22.7	22.2	22.2	22.3	2	22.7
		8	7	22.1	22.3	22.3	1.8	22.7	22.2	22.3	22.3	2	22.7
		15	0	22.1	22.1	22.2	1.8	22.7	22.1	22.1	22.1	2	22.7
	64QAM	1	0	22.2	22.4	22.2	1.8	22.7	22.2	22.2	22.4	2	22.7
		1	8	22.3	22.5	22.4	1.8	22.7	22.3	22.3	22.5	2	22.7
		1	14	22.2	22.4	22.2	1.8	22.7	22.2	22.2	22.5	2	22.7
		8	0	21.1	21.2	21.2	2.8	21.7	21.0	21.1	21.1	3	21.7
		8	4	21.2	21.2	21.3	2.8	21.7	21.1	21.2	21.2	3	21.7
		8	7	21.2	21.3	21.3	2.8	21.7	21.1	21.3	21.2	3	21.7
		15	0	21.1	21.1	21.2	2.8	21.7	21.1	21.1	21.1	3	21.7
	256QAM	1	0	19.1	19.3	19.2	4.8	19.7	19.1	19.1	19.3	5	19.7
		1	8	19.3	19.4	19.4	4.8	19.7	19.3	19.4	19.4	5	19.7
		1	14	19.2	19.3	19.2	4.8	19.7	19.1	19.3	19.3	5	19.7
		8	0	19.0	19.2	19.2	4.8	19.7	19.0	19.1	19.1	5	19.7
		8	4	19.2	19.2	19.3	4.8	19.7	19.1	19.1	19.2	5	19.7
		8	7	19.2	19.3	19.3	4.8	19.7	19.1	19.2	19.2	5	19.7
		15	0	19.1	19.1	19.2	4.8	19.7	19.1	19.1	19.1	5	19.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				20407	20525	20643	MPR	Maximum Output Power	20407	20525	20643	MPR	Maximum Output Power
				824.7 MHz	836.5 MHz	848.3 MHz			824.7 MHz	836.5 MHz	848.3 MHz		
1.4	QPSK	1	0	23.8	23.9	23.9	0	24.5	24.0	24.1	24.2	0	24.7
		1	3	23.8	24.0	23.9	0	24.5	24.0	24.1	24.2	0	24.7
		1	5	23.8	23.9	23.9	0	24.5	24.0	24.1	24.1	0	24.7
		3	0	23.9	24.0	24.0	0	24.5	24.0	24.2	24.2	0	24.7
		3	1	23.9	24.0	24.0	0	24.5	24.1	24.2	24.2	0	24.7
		3	3	23.9	24.0	24.0	0	24.5	24.1	24.2	24.2	0	24.7
		6	0	23.0	23.1	23.2	0.8	23.7	23.0	23.1	23.1	1	23.7
	16QAM	1	0	23.3	23.5	23.3	0.8	23.7	23.3	23.5	23.4	1	23.7
		1	3	23.4	23.5	23.3	0.8	23.7	23.4	23.5	23.5	1	23.7
		1	5	23.4	23.5	23.3	0.8	23.7	23.4	23.5	23.4	1	23.7
		3	0	23.2	23.3	23.3	0.8	23.7	23.2	23.3	23.3	1	23.7
		3	1	23.2	23.3	23.3	0.8	23.7	23.1	23.3	23.3	1	23.7
		3	3	23.2	23.3	23.3	0.8	23.7	23.2	23.3	23.3	1	23.7
		6	0	22.1	22.1	22.3	1.8	22.7	22.1	22.1	22.2	2	22.7
	64QAM	1	0	22.2	22.4	22.4	1.8	22.7	22.1	22.1	22.3	2	22.7
		1	3	22.1	22.5	22.4	1.8	22.7	22.2	22.1	22.2	2	22.7
		1	5	22.1	22.4	22.4	1.8	22.7	22.1	22.1	22.2	2	22.7
		3	0	22.2	22.2	22.2	1.8	22.7	22.0	22.2	22.4	2	22.7
		3	1	22.2	22.2	22.2	1.8	22.7	22.0	22.3	22.4	2	22.7
		3	3	22.2	22.2	22.2	1.8	22.7	22.0	22.3	22.4	2	22.7
		6	0	21.1	21.1	21.2	2.8	21.7	21.0	21.1	21.2	3	21.7
	256QAM	1	0	19.0	19.1	19.3	4.8	19.7	19.1	19.2	19.2	5	19.7
		1	3	19.2	19.3	19.3	4.8	19.7	19.2	19.3	19.4	5	19.7
		1	5	19.2	19.3	19.3	4.8	19.7	19.2	19.3	19.3	5	19.7
		3	0	19.2	19.2	19.2	4.8	19.7	19.1	19.2	19.2	5	19.7
		3	1	19.2	19.2	19.2	4.8	19.7	19.1	19.2	19.2	5	19.7
		3	3	19.2	19.2	19.2	4.8	19.7	19.1	19.3	19.2	5	19.7
		6	0	19.2	19.0	19.3	4.8	19.7	19.0	19.2	19.1	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	Maximum Output Power		20525	MPR	Maximum Output Power	
				836.5 MHz				836.5 MHz			
10	QPSK	1	0	25.0	0	25.4		24.8	0	25.3	
		1	25	25.0	0	25.4		24.9	0	25.3	
		1	49	24.9	0	25.4		24.9	0	25.3	
		25	0	24.0	1	24.4		23.9	0.9	24.4	
		25	12	24.1	1	24.4		24.1	0.9	24.4	
		25	25	23.9	1	24.4		23.9	0.9	24.4	
		50	0	24.0	1	24.4		23.9	0.9	24.4	
	16QAM	1	0	23.9	1	24.4		23.9	0.9	24.4	
		1	25	23.9	1	24.4		23.9	0.9	24.4	
		1	49	23.9	1	24.4		23.9	0.9	24.4	
		25	0	23.0	2	23.4		22.9	1.9	23.4	
		25	12	23.0	2	23.4		22.9	1.9	23.4	
		25	25	22.9	2	23.4		22.9	1.9	23.4	
		50	0	22.9	2	23.4		22.9	1.9	23.4	
	64QAM	1	0	22.9	2	23.4		22.9	1.9	23.4	
		1	25	22.9	2	23.4		22.9	1.9	23.4	
		1	49	23.0	2	23.4		22.8	1.9	23.4	
		25	0	21.9	3	22.4		21.9	2.9	22.4	
		25	12	21.9	3	22.4		21.8	2.9	22.4	
		25	25	21.9	3	22.4		21.9	2.9	22.4	
		50	0	22.0	3	22.4		21.8	2.9	22.4	
	256QAM	1	0	20.0	5	20.4		19.8	4.9	20.4	
		1	25	20.0	5	20.4		19.9	4.9	20.4	
		1	49	19.9	5	20.4		19.9	4.9	20.4	
		25	0	19.9	5	20.4		19.9	4.9	20.4	
		25	12	19.9	5	20.4		19.8	4.9	20.4	
		25	25	20.0	5	20.4		19.9	4.9	20.4	
		50	0	20.0	5	20.4		19.9	4.9	20.4	

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				20425	20525	20625	MPR	Maximum Output Power	20425	20525	20625	MPR	Maximum Output Power
				826.5 MHz	836.5 MHz	846.5 MHz			826.5 MHz	836.5 MHz	846.5 MHz		
5	QPSK	1	0	24.7	24.6	24.7	0	25.4	24.8	24.8	24.8	0	25.3
		1	12	24.6	24.7	24.7	0	25.4	24.9	24.9	24.9	0	25.3
		1	24	24.7	24.6	24.6	0	25.4	24.9	24.8	24.9	0	25.3
		12	0	23.6	23.6	23.6	1	24.4	23.9	23.9	23.8	0.9	24.4
		12	7	23.6	23.6	23.7	1	24.4	23.8	23.9	23.8	0.9	24.4
		12	13	23.7	23.6	23.6	1	24.4	23.8	23.9	23.9	0.9	24.4
		25	0	23.6	23.6	23.6	1	24.4	23.9	23.9	23.9	0.9	24.4
	16QAM	1	0	23.6	23.7	23.6	1	24.4	23.9	23.9	23.8	0.9	24.4
		1	12	23.7	23.6	23.6	1	24.4	23.8	23.9	23.9	0.9	24.4
		1	24	23.7	23.6	23.7	1	24.4	23.8	23.8	23.8	0.9	24.4
		12	0	22.7	22.6	22.7	2	23.4	22.9	22.9	22.8	1.9	23.4
		12	7	22.6	22.7	22.6	2	23.4	22.8	22.9	22.8	1.9	23.4
		12	13	22.6	22.7	22.7	2	23.4	22.9	22.8	22.8	1.9	23.4
		25	0	22.6	22.6	22.6	2	23.4	22.8	22.8	22.9	1.9	23.4
	64QAM	1	0	22.7	22.6	22.7	2	23.4	22.8	22.8	22.8	1.9	23.4
		1	12	22.6	22.7	22.6	2	23.4	22.8	22.8	22.9	1.9	23.4
		1	24	22.7	22.7	22.6	2	23.4	22.8	22.8	22.8	1.9	23.4
		12	0	21.7	21.7	21.6	3	22.4	21.9	21.9	21.9	2.9	22.4
		12	7	21.7	21.7	21.6	3	22.4	21.9	21.9	21.8	2.9	22.4
		12	13	21.6	21.6	21.7	3	22.4	21.8	21.9	21.8	2.9	22.4
		25	0	21.7	21.7	21.6	3	22.4	21.8	21.9	21.9	2.9	22.4
	256QAM	1	0	19.7	19.6	19.6	5	20.4	19.8	19.9	19.9	4.9	20.4
		1	12	19.6	19.6	19.6	5	20.4	19.9	19.9	19.9	4.9	20.4
		1	24	19.6	19.6	19.6	5	20.4	19.8	19.9	19.8	4.9	20.4
		12	0	19.6	19.6	19.6	5	20.4	19.9	19.8	19.8	4.9	20.4
		12	7	19.6	19.7	19.6	5	20.4	19.9	19.8	19.8	4.9	20.4
		12	13	19.7	19.7	19.6	5	20.4	19.8	19.9	19.8	4.9	20.4
		25	0	19.7	19.6	19.6	5	20.4	19.8	19.9	19.9	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	Maximum Output Power	20415	20525	20635	MPR	Maximum Output Power
				825.5 MHz	836.5 MHz	847.5 MHz			825.5 MHz	836.5 MHz	847.5 MHz		
3	QPSK	1	0	24.6	24.7	24.7	0	25.4	24.9	24.9	24.8	0	25.3
		1	8	24.6	24.7	24.7	0	25.4	24.9	24.9	24.8	0	25.3
		1	14	24.6	24.7	24.6	0	25.4	24.9	24.9	24.9	0	25.3
		8	0	23.7	23.7	23.6	1	24.4	23.9	23.9	23.8	0.9	24.4
		8	4	23.7	23.6	23.7	1	24.4	23.9	23.8	23.8	0.9	24.4
		8	7	23.7	23.6	23.7	1	24.4	23.8	23.9	23.8	0.9	24.4
		15	0	23.7	23.7	23.7	1	24.4	23.8	23.9	23.8	0.9	24.4
	16QAM	1	0	23.7	23.7	23.7	1	24.4	23.8	23.8	23.8	0.9	24.4
		1	8	23.7	23.6	23.6	1	24.4	23.9	23.8	23.9	0.9	24.4
		1	14	23.7	23.7	23.7	1	24.4	23.9	23.8	23.8	0.9	24.4
		8	0	22.7	22.7	22.7	2	23.4	22.9	22.9	22.8	1.9	23.4
		8	4	22.6	22.6	22.6	2	23.4	22.8	22.8	22.9	1.9	23.4
		8	7	22.7	22.6	22.6	2	23.4	22.9	22.8	22.8	1.9	23.4
		15	0	22.6	22.6	22.7	2	23.4	22.9	22.9	22.8	1.9	23.4
	64QAM	1	0	22.6	22.7	22.6	2	23.4	22.8	22.8	22.8	1.9	23.4
		1	8	22.7	22.7	22.7	2	23.4	22.9	22.9	22.9	1.9	23.4
		1	14	22.7	22.7	22.7	2	23.4	22.8	22.9	22.9	1.9	23.4
		8	0	21.7	21.6	21.7	3	22.4	21.9	21.9	21.9	2.9	22.4
		8	4	21.7	21.6	21.7	3	22.4	21.8	21.8	21.8	2.9	22.4
		8	7	21.7	21.7	21.6	3	22.4	21.8	21.9	21.9	2.9	22.4
		15	0	21.6	21.7	21.7	3	22.4	21.8	21.8	21.9	2.9	22.4
	256QAM	1	0	19.7	19.6	19.6	5	20.4	19.9	19.9	19.9	4.9	20.4
		1	8	19.7	19.6	19.6	5	20.4	19.9	19.8	19.8	4.9	20.4
		1	14	19.7	19.6	19.6	5	20.4	19.8	19.8	19.8	4.9	20.4
		8	0	19.7	19.7	19.6	5	20.4	19.8	19.8	19.8	4.9	20.4
		8	4	19.7	19.7	19.7	5	20.4	19.8	19.8	19.8	4.9	20.4
		8	7	19.6	19.7	19.6	5	20.4	19.8	19.8	19.8	4.9	20.4
		15	0	19.6	19.6	19.7	5	20.4	19.9	19.9	19.9	4.9	20.4

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				20407	20525	20643	MPR	Maximum Output Power	20407	20525	20643	MPR	Maximum Output Power
				824.7 MHz	836.5 MHz	848.3 MHz			824.7 MHz	836.5 MHz	848.3 MHz		
1.4	QPSK	1	0	24.6	24.7	24.6	0	25.4	24.9	24.9	24.8	0	25.3
		1	3	24.7	24.7	24.6	0	25.4	24.8	24.9	24.9	0	25.3
		1	5	24.6	24.6	24.6	0	25.4	24.9	24.8	24.8	0	25.3
		3	0	23.6	23.6	23.6	0	25.4	23.9	23.9	23.9	0	25.3
		3	1	23.6	23.6	23.7	0	25.4	23.9	23.8	23.8	0	25.3
		3	3	23.7	23.7	23.7	0	25.4	23.8	23.8	23.9	0	25.3
		6	0	23.7	23.7	23.7	1	24.4	23.9	23.8	23.9	0.9	24.4
	16QAM	1	0	23.7	23.6	23.7	1	24.4	23.8	23.8	23.9	0.9	24.4
		1	3	23.7	23.7	23.6	1	24.4	23.8	23.8	23.8	0.9	24.4
		1	5	23.7	23.6	23.6	1	24.4	23.8	23.9	23.8	0.9	24.4
		3	0	22.6	22.6	22.6	1	24.4	22.8	22.8	22.8	0.9	24.4
		3	1	22.7	22.6	22.6	1	24.4	22.8	22.8	22.9	0.9	24.4
		3	3	22.6	22.7	22.7	1	24.4	22.8	22.9	22.8	0.9	24.4
		6	0	22.6	22.6	22.6	2	23.4	22.9	22.9	22.9	1.9	23.4
	64QAM	1	0	22.7	22.6	22.6	2	23.4	22.9	22.8	22.8	1.9	23.4
		1	3	22.6	22.7	22.7	2	23.4	22.8	22.9	22.9	1.9	23.4
		1	5	22.6	22.6	22.6	2	23.4	22.9	22.9	22.9	1.9	23.4
		3	0	21.6	21.7	21.7	2	23.4	21.9	21.8	21.9	1.9	23.4
		3	1	21.6	21.7	21.7	2	23.4	21.8	21.9	21.8	1.9	23.4
		3	3	21.7	21.7	21.6	2	23.4	21.9	21.8	21.9	1.9	23.4
		6	0	21.6	21.7	21.6	3	22.4	21.8	21.9	21.8	2.9	22.4
	256QAM	1	0	19.7	19.6	19.6	5	20.4	19.8	19.8	19.9	4.9	20.4
		1	3	19.7	19.6	19.7	5	20.4	19.8	19.9	19.8	4.9	20.4
		1	5	19.6	19.6	19.6	5	20.4	19.8	19.8	19.8	4.9	20.4
		3	0	19.6	19.6	19.7	5	20.4	19.8	19.8	19.8	4.9	20.4
		3	1	19.7	19.7	19.6	5	20.4	19.8	19.8	19.9	4.9	20.4
		3	3	19.6	19.7	19.7	5	20.4	19.9	19.9	19.8	4.9	20.4
		6	0	19.7	19.7	19.7	5	20.4	19.8	19.8	19.8	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	Maximum Output Power	20850	21100	21350	MPR	Maximum Output Power
				2510 MHz	2535 MHz	2560 MHz			2510 MHz	2535 MHz	2560 MHz		
20	QPSK	1	0	19.2	19.4	19.4	0	20.0	20.6	20.6	20.8	0	22.0
		1	49	19.3	19.4	19.5	0	20.0	20.6	20.6	20.8	0	22.0
		1	99	19.3	19.5	19.5	0	20.0	20.6	20.6	20.8	0	22.0
		50	0	19.4	19.5	19.5	0	20.0	20.7	20.8	20.8	0	22.0
		50	24	19.5	19.5	19.6	0	20.0	20.7	20.8	20.9	0	22.0
		50	50	19.4	19.5	19.5	0	20.0	20.7	20.7	20.8	0	22.0
		100	0	19.4	19.5	19.5	0	20.0	20.7	20.8	20.8	0	22.0
	16QAM	1	0	19.5	19.7	19.7	0	20.0	20.8	20.9	21.1	0	22.0
		1	49	19.6	19.9	19.9	0	20.0	20.9	21.1	21.2	0	22.0
		1	99	19.6	19.8	19.8	0	20.0	20.8	21.0	21.0	0	22.0
		50	0	19.4	19.5	19.5	0	20.0	20.7	20.8	20.9	0	22.0
		50	24	19.5	19.5	19.6	0	20.0	20.7	20.8	20.9	0	22.0
		50	50	19.4	19.5	19.5	0	20.0	20.7	20.7	20.8	0	22.0
		100	0	19.5	19.5	19.6	0	20.0	20.7	20.7	20.9	0	22.0
	64QAM	1	0	19.4	19.5	19.6	0	20.0	20.5	20.5	20.5	0	22.0
		1	49	19.6	19.6	19.7	0	20.0	20.5	20.5	20.6	0	22.0
		1	99	19.5	19.6	19.6	0	20.0	20.5	20.7	20.6	0	22.0
		50	0	19.4	19.5	19.5	0	20.0	20.4	20.4	20.4	0	22.0
		50	24	19.5	19.5	19.5	0	20.0	20.4	20.4	20.5	0	22.0
		50	50	19.4	19.5	19.5	0	20.0	20.4	20.3	20.4	0	22.0
		100	0	19.5	19.4	19.5	0	20.0	20.4	20.3	20.5	0	22.0
	256QAM	1	0	19.5	19.6	19.6	0	20.0	20.0	20.0	20.1	1.3	20.7
		1	49	19.6	19.7	19.7	0	20.0	19.9	20.0	20.1	1.3	20.7
		1	99	19.7	19.7	19.7	0	20.0	19.9	20.0	20.2	1.3	20.7
		50	0	19.4	19.5	19.5	0	20.0	19.9	19.9	19.9	1.3	20.7
		50	24	19.5	19.5	19.6	0	20.0	19.9	19.9	20.0	1.3	20.7
		50	50	19.4	19.5	19.5	0	20.0	19.9	19.8	20.0	1.3	20.7
		100	0	19.5	19.5	19.6	0	20.0	19.9	19.8	20.0	1.3	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				20825	21100	21375	MPR	Maximum Output Power	20825	21100	21375	MPR	Maximum Output Power
				2507.5 MHz	2535 MHz	2562.5 MHz			2507.5 MHz	2535 MHz	2562.5 MHz		
15	QPSK	1	0	19.3	19.4	19.4	0	20.0	20.6	20.7	20.7	0	22.0
		1	37	19.3	19.5	19.5	0	20.0	20.6	20.7	20.7	0	22.0
		1	74	19.3	19.4	19.4	0	20.0	20.5	20.6	20.7	0	22.0
		36	0	19.5	19.5	19.6	0	20.0	20.7	20.8	20.8	0	22.0
		36	20	19.4	19.5	19.6	0	20.0	20.7	20.8	20.9	0	22.0
		36	39	19.4	19.5	19.6	0	20.0	20.7	20.7	20.9	0	22.0
		75	0	19.4	19.5	19.6	0	20.0	20.8	20.7	20.9	0	22.0
	16QAM	1	0	19.8	19.8	19.8	0	20.0	21.1	21.0	21.0	0	22.0
		1	37	19.9	20.0	19.9	0	20.0	21.2	21.2	21.0	0	22.0
		1	74	19.7	19.8	19.8	0	20.0	21.0	21.0	21.0	0	22.0
		36	0	19.5	19.5	19.5	0	20.0	20.8	20.7	20.8	0	22.0
		36	20	19.4	19.5	19.6	0	20.0	20.8	20.8	20.9	0	22.0
		36	39	19.4	19.5	19.6	0	20.0	20.7	20.7	20.9	0	22.0
		75	0	19.4	19.5	19.6	0	20.0	20.8	20.7	20.9	0	22.0
	64QAM	1	0	19.4	19.5	19.6	0	20.0	20.4	20.4	20.5	0	22.0
		1	37	19.5	19.6	19.7	0	20.0	20.6	20.5	20.6	0	22.0
		1	74	19.5	19.6	19.6	0	20.0	20.4	20.4	20.6	0	22.0
		36	0	19.5	19.5	19.6	0	20.0	20.4	20.3	20.5	0	22.0
		36	20	19.4	19.4	19.6	0	20.0	20.4	20.4	20.5	0	22.0
		36	39	19.4	19.4	19.6	0	20.0	20.3	20.3	20.5	0	22.0
		75	0	19.4	19.4	19.6	0	20.0	20.4	20.3	20.5	0	22.0
	256QAM	1	0	19.5	19.4	19.6	0	20.0	20.0	19.9	19.9	1.3	20.7
		1	37	19.5	19.5	19.7	0	20.0	20.0	20.0	20.0	1.3	20.7
		1	74	19.6	19.5	19.6	0	20.0	20.0	20.0	20.0	1.3	20.7
		36	0	19.5	19.5	19.6	0	20.0	19.9	19.9	20.0	1.3	20.7
		36	20	19.4	19.5	19.6	0	20.0	19.9	19.9	20.0	1.3	20.7
		36	39	19.4	19.5	19.6	0	20.0	19.9	19.9	20.0	1.3	20.7
		75	0	19.4	19.5	19.6	0	20.0	19.9	19.8	20.0	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	Maximum Output Power	20800	21100	21400	MPR	Maximum Output Power
				2505 MHz	2535 MHz	2565 MHz			2505 MHz	2535 MHz	2565 MHz		
10	QPSK	1	0	19.5	19.6	19.7	0	20.0	20.8	20.8	20.9	0	22.0
		1	25	19.6	19.7	19.7	0	20.0	20.9	20.9	20.9	0	22.0
		1	49	19.5	19.7	19.7	0	20.0	20.8	20.8	20.9	0	22.0
		25	0	19.6	19.7	19.7	0	20.0	20.9	20.9	21.0	0	22.0
		25	12	19.6	19.7	19.8	0	20.0	20.9	20.9	21.0	0	22.0
		25	25	19.5	19.7	19.8	0	20.0	20.8	20.8	20.9	0	22.0
		50	0	19.5	19.6	19.8	0	20.0	20.8	20.9	21.0	0	22.0
	16QAM	1	0	19.8	19.9	19.9	0	20.0	21.0	21.2	21.2	0	22.0
		1	25	19.8	19.9	19.9	0	20.0	21.1	21.2	21.2	0	22.0
		1	49	19.8	19.9	19.9	0	20.0	21.1	21.1	21.2	0	22.0
		25	0	19.6	19.7	19.8	0	20.0	21.0	21.0	21.0	0	22.0
		25	12	19.7	19.7	19.8	0	20.0	20.9	21.0	21.0	0	22.0
		25	25	19.6	19.6	19.8	0	20.0	20.9	20.9	20.9	0	22.0
		50	0	19.5	19.6	19.8	0	20.0	20.9	20.9	21.0	0	22.0
	64QAM	1	0	19.8	19.9	19.8	0	20.0	20.7	20.6	20.8	0	22.0
		1	25	19.8	19.9	19.9	0	20.0	20.7	20.7	20.9	0	22.0
		1	49	19.8	19.9	19.9	0	20.0	20.7	20.6	20.9	0	22.0
		25	0	19.7	19.7	19.7	0	20.0	20.6	20.6	20.7	0	22.0
		25	12	19.7	19.7	19.8	0	20.0	20.6	20.6	20.7	0	22.0
		25	25	19.6	19.7	19.8	0	20.0	20.5	20.5	20.6	0	22.0
		50	0	19.6	19.7	19.8	0	20.0	20.5	20.6	20.6	0	22.0
	256QAM	1	0	19.7	19.8	19.8	0	20.0	20.0	20.2	20.2	1.3	20.7
		1	25	19.9	19.9	19.9	0	20.0	20.2	20.2	20.3	1.3	20.7
		1	49	19.7	19.8	19.8	0	20.0	20.0	20.1	20.2	1.3	20.7
		25	0	19.6	19.7	19.7	0	20.0	20.1	20.0	20.1	1.3	20.7
		25	12	19.7	19.7	19.7	0	20.0	20.0	20.1	20.2	1.3	20.7
		25	25	19.6	19.7	19.7	0	20.0	20.0	20.0	20.1	1.3	20.7
		50	0	19.6	19.6	19.7	0	20.0	20.0	20.0	20.2	1.3	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				20775	21100	21425	MPR	Maximum Output Power	20775	21100	21425	MPR	Maximum Output Power
				2502.5 MHz	2535 MHz	2567.5 MHz			2502.5 MHz	2535 MHz	2567.5 MHz		
5	QPSK	1	0	19.6	19.6	19.7	0	20.0	20.8	20.8	20.9	0	22.0
		1	12	19.7	19.7	19.8	0	20.0	20.9	20.9	21.0	0	22.0
		1	24	19.6	19.6	19.7	0	20.0	20.8	20.8	20.9	0	22.0
		12	0	19.6	19.6	19.7	0	20.0	20.9	20.9	21.0	0	22.0
		12	7	19.7	19.7	19.8	0	20.0	20.9	20.9	21.0	0	22.0
		12	13	19.6	19.7	19.8	0	20.0	20.9	20.8	21.0	0	22.0
		25	0	19.6	19.6	19.7	0	20.0	20.9	20.8	21.0	0	22.0
	16QAM	1	0	19.9	20.0	20.0	0	20.0	21.2	21.2	21.2	0	22.0
		1	12	20.0	20.0	20.0	0	20.0	21.2	21.2	21.2	0	22.0
		1	24	19.9	20.0	20.0	0	20.0	21.2	21.2	21.2	0	22.0
		12	0	19.6	19.8	19.7	0	20.0	21.0	21.0	21.0	0	22.0
		12	7	19.7	19.8	19.8	0	20.0	21.0	21.0	21.1	0	22.0
		12	13	19.6	19.8	19.8	0	20.0	21.0	20.9	21.1	0	22.0
		25	0	19.6	19.6	19.8	0	20.0	21.0	20.8	21.0	0	22.0
	64QAM	1	0	19.7	19.9	19.9	0	20.0	20.7	20.7	20.9	0	22.0
		1	12	19.7	19.9	20.0	0	20.0	20.7	20.7	20.9	0	22.0
		1	24	19.7	19.9	19.9	0	20.0	20.7	20.7	20.9	0	22.0
		12	0	19.7	19.7	19.8	0	20.0	20.6	20.5	20.6	0	22.0
		12	7	19.7	19.8	19.8	0	20.0	20.6	20.6	20.7	0	22.0
		12	13	19.7	19.7	19.8	0	20.0	20.6	20.5	20.7	0	22.0
		25	0	19.7	19.6	19.8	0	20.0	20.6	20.5	20.6	0	22.0
	256QAM	1	0	19.7	19.8	19.7	0	20.0	20.2	20.1	20.3	1.3	20.7
		1	12	19.8	19.9	19.9	0	20.0	20.3	20.2	20.3	1.3	20.7
		1	24	19.7	19.8	19.7	0	20.0	20.2	20.1	20.2	1.3	20.7
		12	0	19.6	19.7	19.8	0	20.0	20.1	20.0	20.2	1.3	20.7
		12	7	19.6	19.7	19.8	0	20.0	20.1	20.1	20.2	1.3	20.7
		12	13	19.5	19.7	19.8	0	20.0	20.1	20.0	20.2	1.3	20.7
		25	0	19.5	19.6	19.7	0	20.0	20.1	20.0	20.1	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	Maximum Output Power	20850	21100	21350	MPR	Maximum Output Power
				2510 MHz	2535 MHz	2560 MHz			2510 MHz	2535 MHz	2560 MHz		
20	QPSK	1	0	17.9	17.9	17.9	0	18.7	18.7	18.7	18.7	0	19.6
		1	49	18.1	18.0	18.1	0	18.7	19.0	18.8	18.9	0	19.6
		1	99	17.9	17.9	17.9	0	18.7	18.8	18.8	18.8	0	19.6
		50	0	18.1	18.0	18.1	0	18.7	18.9	18.9	18.9	0	19.6
		50	24	18.2	18.1	18.2	0	18.7	19.1	18.9	19.0	0	19.6
		50	50	18.1	18.0	18.0	0	18.7	18.9	18.9	18.9	0	19.6
		100	0	18.2	18.2	18.2	0	18.7	19.0	19.0	18.9	0	19.6
	16QAM	1	0	18.3	18.0	18.0	0	18.7	18.9	19.0	19.0	0	19.6
		1	49	18.2	18.0	18.1	0	18.7	19.1	19.1	19.1	0	19.6
		1	99	18.2	18.0	18.1	0	18.7	18.9	19.0	19.1	0	19.6
		50	0	18.1	17.9	17.9	0	18.7	18.9	18.9	18.8	0	19.6
		50	24	18.1	17.9	18.0	0	18.7	18.9	18.9	18.8	0	19.6
		50	50	18.0	17.9	18.0	0	18.7	18.8	18.9	18.9	0	19.6
		100	0	18.0	17.9	18.0	0	18.7	18.8	18.9	18.8	0	19.6
	64QAM	1	0	18.2	18.1	18.0	0	18.7	18.8	18.9	18.8	0	19.6
		1	49	18.3	18.1	18.1	0	18.7	19.0	19.0	18.9	0	19.6
		1	99	18.1	18.0	18.0	0	18.7	18.9	18.9	18.9	0	19.6
		50	0	18.0	17.9	17.9	0	18.7	18.8	18.8	18.8	0	19.6
		50	24	18.0	17.9	17.9	0	18.7	18.9	18.9	18.8	0	19.6
		50	50	18.0	17.9	18.0	0	18.7	18.8	18.9	18.9	0	19.6
		100	0	17.9	17.9	17.9	0	18.7	18.8	18.9	18.8	0	19.6
	256QAM	1	0	18.1	18.1	18.0	0	18.7	18.5	18.4	18.4	0.9	18.7
		1	49	18.1	17.9	18.0	0	18.7	18.6	18.4	18.5	0.9	18.7
		1	99	18.1	18.2	18.2	0	18.7	18.6	18.5	18.6	0.9	18.7
		50	0	18.0	17.9	17.9	0	18.7	18.4	18.2	18.4	0.9	18.7
		50	24	18.1	17.9	18.0	0	18.7	18.5	18.3	18.4	0.9	18.7
		50	50	18.0	17.9	18.0	0	18.7	18.4	18.3	18.5	0.9	18.7
		100	0	18.0	17.9	18.0	0	18.7	18.4	18.3	18.4	0.9	18.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				20825	21100	21375	MPR	Maximum Output Power	20825	21100	21375	MPR	Maximum Output Power
				2507.5 MHz	2535 MHz	2562.5 MHz			2507.5 MHz	2535 MHz	2562.5 MHz		
15	QPSK	1	0	17.9	18.0	17.9	0	18.7	18.8	18.7	18.7	0	19.6
		1	37	17.9	18.1	17.9	0	18.7	18.8	18.7	18.8	0	19.6
		1	74	17.9	18.0	17.9	0	18.7	18.8	18.7	18.7	0	19.6
		36	0	18.1	18.0	18.1	0	18.7	19.0	18.9	18.9	0	19.6
		36	20	18.1	18.1	18.1	0	18.7	19.0	18.9	19.0	0	19.6
		36	39	18.1	18.0	18.1	0	18.7	18.9	18.9	19.0	0	19.6
		75	0	18.1	18.1	18.1	0	18.7	18.9	18.9	19.0	0	19.6
	16QAM	1	0	18.3	18.2	18.2	0	18.7	19.1	19.0	19.1	0	19.6
		1	37	18.3	18.2	18.2	0	18.7	19.3	19.2	19.2	0	19.6
		1	74	18.2	18.1	18.3	0	18.7	19.1	19.0	19.1	0	19.6
		36	0	18.1	17.9	17.9	0	18.7	18.9	18.7	18.8	0	19.6
		36	20	18.1	17.9	18.0	0	18.7	18.9	18.8	18.9	0	19.6
		36	39	18.0	17.9	18.0	0	18.7	18.9	18.8	18.9	0	19.6
		75	0	18.0	17.9	18.0	0	18.7	18.8	18.7	18.8	0	19.6
	64QAM	1	0	18.1	17.9	18.0	0	18.7	19.0	18.8	18.8	0	19.6
		1	37	18.2	17.9	18.1	0	18.7	19.0	18.8	18.9	0	19.6
		1	74	18.1	17.9	18.0	0	18.7	18.9	18.8	18.9	0	19.6
		36	0	18.1	17.9	17.9	0	18.7	18.9	18.7	18.8	0	19.6
		36	20	18.1	17.9	18.0	0	18.7	18.9	18.7	18.8	0	19.6
		36	39	18.0	17.9	18.0	0	18.7	18.9	18.7	18.8	0	19.6
		75	0	18.0	17.9	17.9	0	18.7	18.9	18.7	18.8	0	19.6
	256QAM	1	0	18.0	17.8	17.9	0	18.7	18.4	18.3	18.4	0.9	18.7
		1	37	18.0	17.9	18.0	0	18.7	18.5	18.4	18.5	0.9	18.7
		1	74	18.0	18.0	18.1	0	18.7	18.5	18.4	18.5	0.9	18.7
		36	0	18.0	17.9	17.9	0	18.7	18.5	18.3	18.4	0.9	18.7
		36	20	18.1	17.9	18.0	0	18.7	18.5	18.3	18.4	0.9	18.7
		36	39	18.0	17.9	18.0	0	18.7	18.4	18.4	18.5	0.9	18.7
		75	0	18.0	17.9	18.0	0	18.7	18.4	18.4	18.4	0.9	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	Maximum Output Power	20800	21100	21400	MPR	Maximum Output Power
				2505 MHz	2535 MHz	2565 MHz			2505 MHz	2535 MHz	2565 MHz		
10	QPSK	1	0	18.2	18.1	18.1	0	18.7	19.0	19.0	19.0	0	19.6
		1	25	18.3	18.2	18.2	0	18.7	19.1	19.0	19.0	0	19.6
		1	49	18.2	18.1	18.2	0	18.7	19.0	19.0	19.1	0	19.6
		25	0	18.3	18.2	18.2	0	18.7	19.1	19.0	19.1	0	19.6
		25	12	18.3	18.2	18.3	0	18.7	19.1	19.1	19.1	0	19.6
		25	25	18.3	18.2	18.3	0	18.7	19.1	19.0	19.1	0	19.6
		50	0	18.2	18.2	18.2	0	18.7	19.0	19.0	19.1	0	19.6
	16QAM	1	0	18.3	18.2	18.3	0	18.7	19.2	19.0	19.2	0	19.6
		1	25	18.3	18.2	18.3	0	18.7	19.2	19.0	19.2	0	19.6
		1	49	18.3	18.2	18.3	0	18.7	19.2	19.1	19.3	0	19.6
		25	0	18.2	18.1	18.2	0	18.7	19.1	18.9	19.0	0	19.6
		25	12	18.2	18.1	18.2	0	18.7	19.0	18.9	19.0	0	19.6
		25	25	18.2	18.1	18.2	0	18.7	19.0	18.9	19.0	0	19.6
		50	0	18.1	18.0	18.1	0	18.7	19.0	18.8	19.0	0	19.6
	64QAM	1	0	18.3	18.3	18.3	0	18.7	19.2	19.0	19.0	0	19.6
		1	25	18.3	18.3	18.2	0	18.7	19.2	19.0	19.1	0	19.6
		1	49	18.3	18.3	18.3	0	18.7	19.2	19.0	19.1	0	19.6
		25	0	18.2	18.1	18.2	0	18.7	19.0	18.9	19.0	0	19.6
		25	12	18.2	18.1	18.2	0	18.7	19.0	18.9	19.0	0	19.6
		25	25	18.2	18.1	18.2	0	18.7	19.0	18.9	19.0	0	19.6
		50	0	18.1	18.0	18.1	0	18.7	18.9	18.9	19.0	0	19.6
	256QAM	1	0	18.3	18.1	18.1	0	18.7	18.7	18.5	18.7	0.9	18.7
		1	25	18.3	18.2	18.3	0	18.7	18.7	18.6	18.7	0.9	18.7
		1	49	18.2	18.1	18.3	0	18.7	18.7	18.6	18.7	0.9	18.7
		25	0	18.2	18.0	18.1	0	18.7	18.6	18.4	18.6	0.9	18.7
		25	12	18.1	18.0	18.2	0	18.7	18.6	18.4	18.6	0.9	18.7
		25	25	18.2	18.0	18.2	0	18.7	18.6	18.5	18.6	0.9	18.7
		50	0	18.1	18.0	18.1	0	18.7	18.6	18.4	18.6	0.9	18.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				20775	21100	21425	MPR	Maximum Output Power	20775	21100	21425	MPR	Maximum Output Power
				2502.5 MHz	2535 MHz	2567.5 MHz			2502.5 MHz	2535 MHz	2567.5 MHz		
5	QPSK	1	0	18.2	18.1	18.2	0	18.7	19.0	19.0	19.1	0	19.6
		1	12	18.3	18.2	18.2	0	18.7	19.1	19.0	19.1	0	19.6
		1	24	18.2	18.1	18.2	0	18.7	19.0	19.0	19.1	0	19.6
		12	0	18.3	18.2	18.2	0	18.7	19.1	19.0	19.1	0	19.6
		12	7	18.3	18.2	18.3	0	18.7	19.1	19.0	19.1	0	19.6
		12	13	18.3	18.1	18.3	0	18.7	19.1	18.9	19.2	0	19.6
		25	0	18.3	18.2	18.2	0	18.7	19.1	19.0	19.1	0	19.6
	16QAM	1	0	18.3	18.3	18.3	0	18.7	19.3	19.1	19.3	0	19.6
		1	12	18.3	18.3	18.3	0	18.7	19.3	19.2	19.3	0	19.6
		1	24	18.3	18.3	18.3	0	18.7	19.2	19.2	19.3	0	19.6
		12	0	18.2	18.1	18.1	0	18.7	19.1	18.9	19.0	0	19.6
		12	7	18.2	18.1	18.2	0	18.7	19.1	18.9	19.0	0	19.6
		12	13	18.2	18.1	18.2	0	18.7	19.1	18.9	19.0	0	19.6
		25	0	18.2	18.0	18.2	0	18.7	19.0	18.9	19.0	0	19.6
	64QAM	1	0	18.3	18.2	18.3	0	18.7	19.2	18.9	19.0	0	19.6
		1	12	18.3	18.2	18.3	0	18.7	19.3	18.9	19.1	0	19.6
		1	24	18.3	18.2	18.3	0	18.7	19.2	18.9	19.0	0	19.6
		12	0	18.2	18.0	18.2	0	18.7	19.0	18.8	19.0	0	19.6
		12	7	18.2	18.1	18.2	0	18.7	19.1	18.9	19.0	0	19.6
		12	13	18.2	18.1	18.2	0	18.7	19.1	18.9	19.0	0	19.6
		25	0	18.2	18.0	18.1	0	18.7	19.0	18.8	19.0	0	19.6
	256QAM	1	0	18.2	18.0	18.3	0	18.7	18.7	18.4	18.6	0.9	18.7
		1	12	18.3	18.1	18.3	0	18.7	18.6	18.6	18.7	0.9	18.7
		1	24	18.3	18.1	18.3	0	18.7	18.7	18.5	18.7	0.9	18.7
		12	0	18.2	18.0	18.1	0	18.7	18.6	18.4	18.6	0.9	18.7
		12	7	18.2	18.1	18.2	0	18.7	18.6	18.5	18.6	0.9	18.7
		12	13	18.2	18.0	18.1	0	18.7	18.7	18.4	18.6	0.9	18.7
		25	0	18.2	18.0	18.1	0	18.7	18.6	18.4	18.6	0.9	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	Maximum Output Power	20850	21100	21350	MPR	Maximum Output Power
				2510 MHz	2535 MHz	2560 MHz			2510 MHz	2535 MHz	2560 MHz		
20	QPSK	1	0	21.4	21.3	21.4	0	21.8	20.4	20.3	20.5	0	20.8
		1	49	21.4	21.3	21.4	0	21.8	20.5	20.3	20.6	0	20.8
		1	99	21.3	21.3	21.4	0	21.8	20.4	20.3	20.6	0	20.8
		50	0	21.5	21.2	21.4	0	21.8	20.5	20.5	20.7	0	20.8
		50	24	21.5	21.4	21.5	0	21.8	20.6	20.5	20.8	0	20.8
		50	50	21.5	21.4	21.5	0	21.8	20.6	20.5	20.7	0	20.8
		100	0	21.5	21.5	21.5	0	21.8	20.6	20.6	20.6	0	20.8
	16QAM	1	0	21.6	21.4	21.8	0	21.8	20.7	20.8	20.8	0	20.8
		1	49	21.8	21.7	21.7	0	21.8	20.8	20.8	20.8	0	20.8
		1	99	21.6	21.8	21.8	0	21.8	20.8	20.7	20.8	0	20.8
		50	0	21.6	21.6	21.4	0	21.8	20.6	20.5	20.8	0	20.8
		50	24	21.6	21.5	21.5	0	21.8	20.7	20.6	20.8	0	20.8
		50	50	21.5	21.5	21.5	0	21.8	20.7	20.5	20.8	0	20.8
		100	0	21.4	21.4	21.5	0	21.8	20.7	20.6	20.8	0	20.8
	64QAM	1	0	21.7	21.7	21.7	0	21.8	20.8	20.7	20.8	0	20.8
		1	49	21.7	21.7	21.7	0	21.8	20.8	20.8	20.8	0	20.8
		1	99	21.8	21.7	21.8	0	21.8	20.8	20.8	20.8	0	20.8
		50	0	21.8	21.7	21.7	0	21.8	20.8	20.7	20.7	0	20.8
		50	24	21.7	21.8	21.7	0	21.8	20.7	20.7	20.8	0	20.8
		50	50	21.8	21.7	21.7	0	21.8	20.7	20.7	20.7	0	20.8
		100	0	21.8	21.7	21.7	0	21.8	20.8	20.7	20.7	0	20.8
	256QAM	1	0	19.9	19.9	19.9	1.8	20.0	19.9	19.9	19.9	0.8	20.0
		1	49	19.9	20.0	20.0	1.8	20.0	19.9	19.9	19.9	0.8	20.0
		1	99	19.9	19.9	20.0	1.8	20.0	19.9	20.0	20.0	0.8	20.0
		50	0	19.9	19.9	19.9	1.8	20.0	20.0	20.0	19.9	0.8	20.0
		50	24	20.0	19.9	20.0	1.8	20.0	19.9	19.9	20.0	0.8	20.0
		50	50	19.9	20.0	19.9	1.8	20.0	19.9	19.9	19.9	0.8	20.0
		100	0	19.9	19.9	19.9	1.8	20.0	19.9	19.9	19.9	0.8	20.0

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				20825	21100	21375	MPR	Maximum Output Power	20825	21100	21375	MPR	Maximum Output Power
				2507.5 MHz	2535 MHz	2562.5 MHz			2507.5 MHz	2535 MHz	2562.5 MHz		
15	QPSK	1	0	21.4	21.4	21.4	0	21.8	20.3	20.4	20.4	0	20.8
		1	37	21.5	21.4	21.3	0	21.8	20.4	20.4	20.5	0	20.8
		1	74	21.4	21.3	21.3	0	21.8	20.3	20.3	20.5	0	20.8
		36	0	21.6	21.4	21.4	0	21.8	20.5	20.5	20.6	0	20.8
		36	20	21.5	21.4	21.5	0	21.8	20.5	20.5	20.7	0	20.8
		36	39	21.5	21.4	21.5	0	21.8	20.6	20.5	20.7	0	20.8
		75	0	21.5	21.4	21.5	0	21.8	20.6	20.4	20.7	0	20.8
	16QAM	1	0	21.8	21.8	21.7	0	21.8	20.8	20.8	20.8	0	20.8
		1	37	21.8	21.7	21.6	0	21.8	20.8	20.8	20.8	0	20.8
		1	74	21.8	21.6	21.6	0	21.8	20.8	20.8	20.8	0	20.8
		36	0	21.6	21.5	21.4	0	21.8	20.5	20.5	20.7	0	20.8
		36	20	21.5	21.4	21.5	0	21.8	20.5	20.5	20.8	0	20.8
		36	39	21.5	21.4	21.5	0	21.8	20.5	20.5	20.8	0	20.8
		75	0	21.5	21.4	21.5	0	21.8	20.4	20.6	20.8	0	20.8
	64QAM	1	0	21.7	21.7	21.7	0	21.8	20.7	20.7	20.8	0	20.8
		1	37	21.7	21.7	21.7	0	21.8	20.7	20.8	20.7	0	20.8
		1	74	21.8	21.8	21.7	0	21.8	20.7	20.7	20.7	0	20.8
		36	0	21.7	21.7	21.8	0	21.8	20.7	20.8	20.8	0	20.8
		36	20	21.7	21.8	21.7	0	21.8	20.8	20.8	20.8	0	20.8
		36	39	21.7	21.7	21.7	0	21.8	20.8	20.8	20.7	0	20.8
		75	0	21.7	21.8	21.7	0	21.8	20.7	20.8	20.7	0	20.8
	256QAM	1	0	20.0	20.0	19.9	1.8	20.0	19.9	19.9	19.9	0.8	20.0
		1	37	19.9	19.9	19.9	1.8	20.0	19.9	19.9	19.9	0.8	20.0
		1	74	19.9	20.0	19.9	1.8	20.0	20.0	20.0	19.9	0.8	20.0
		36	0	19.9	19.9	19.9	1.8	20.0	19.9	19.9	19.9	0.8	20.0
		36	20	19.9	20.0	19.9	1.8	20.0	19.9	19.9	19.9	0.8	20.0
		36	39	19.9	19.9	20.0	1.8	20.0	20.0	20.0	20.0	0.8	20.0
		75	0	19.9	20.0	20.0	1.8	20.0	20.0	19.9	20.0	0.8	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	Maximum Output Power	20800	21100	21400	MPR	Maximum Output Power
				2505 MHz	2535 MHz	2565 MHz			2505 MHz	2535 MHz	2565 MHz		
10	QPSK	1	0	21.7	21.6	21.6	0	21.8	20.7	20.4	20.6	0	20.8
		1	25	21.8	21.5	21.6	0	21.8	20.8	20.4	20.7	0	20.8
		1	49	21.7	21.5	21.6	0	21.8	20.7	20.4	20.7	0	20.8
		25	0	21.7	21.6	21.6	0	21.8	20.7	20.6	20.7	0	20.8
		25	12	21.7	21.6	21.6	0	21.8	20.8	20.6	20.8	0	20.8
		25	25	21.7	21.6	21.7	0	21.8	20.8	20.6	20.8	0	20.8
		50	0	21.7	21.6	21.6	0	21.8	20.4	20.6	20.8	0	20.8
	16QAM	1	0	21.8	21.8	21.8	0	21.8	20.6	20.8	20.8	0	20.8
		1	25	21.8	21.8	21.8	0	21.8	20.8	20.8	20.8	0	20.8
		1	49	21.8	21.8	21.8	0	21.8	20.8	20.8	20.8	0	20.8
		25	0	21.8	21.6	21.6	0	21.8	20.6	20.6	20.8	0	20.8
		25	12	21.7	21.6	21.6	0	21.8	20.4	20.7	20.6	0	20.8
		25	25	21.7	21.6	21.7	0	21.8	20.2	20.7	20.6	0	20.8
		50	0	21.7	21.6	21.6	0	21.8	20.3	20.7	20.6	0	20.8
	64QAM	1	0	21.7	21.7	21.7	0	21.8	20.7	20.7	20.7	0	20.8
		1	25	21.7	21.8	21.7	0	21.8	20.8	20.7	20.7	0	20.8
		1	49	21.7	21.7	21.7	0	21.8	20.8	20.8	20.7	0	20.8
		25	0	21.7	21.7	21.7	0	21.8	20.8	20.7	20.8	0	20.8
		25	12	21.8	21.8	21.8	0	21.8	20.7	20.7	20.7	0	20.8
		25	25	21.7	21.8	21.7	0	21.8	20.8	20.7	20.7	0	20.8
		50	0	21.7	21.8	21.7	0	21.8	20.8	20.7	20.7	0	20.8
	256QAM	1	0	19.9	19.9	20.0	1.8	20.0	19.9	20.0	19.9	0.8	20.0
		1	25	19.9	19.9	20.0	1.8	20.0	19.9	19.9	20.0	0.8	20.0
		1	49	19.9	20.0	19.9	1.8	20.0	19.9	19.9	19.9	0.8	20.0
		25	0	19.9	20.0	20.0	1.8	20.0	20.0	20.0	19.9	0.8	20.0
		25	12	19.9	20.0	20.0	1.8	20.0	20.0	20.0	19.9	0.8	20.0
		25	25	19.9	19.9	19.9	1.8	20.0	19.9	20.0	20.0	0.8	20.0
		50	0	19.9	20.0	20.0	1.8	20.0	19.9	19.9	20.0	0.8	20.0

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				20775	21100	21425	MPR	Maximum Output Power	20775	21100	21425	MPR	Maximum Output Power
				2502.5 MHz	2535 MHz	2567.5 MHz			2502.5 MHz	2535 MHz	2567.5 MHz		
5	QPSK	1	0	21.6	21.6	21.6	0	21.8	20.5	20.6	20.6	0	20.8
		1	12	21.6	21.6	21.7	0	21.8	20.7	20.7	20.7	0	20.8
		1	24	21.6	21.6	21.6	0	21.8	20.6	20.6	20.7	0	20.8
		12	0	21.6	21.6	21.6	0	21.8	20.6	20.7	20.7	0	20.8
		12	7	21.6	21.6	21.6	0	21.8	20.7	20.7	20.8	0	20.8
		12	13	21.6	21.6	21.6	0	21.8	20.7	20.7	20.7	0	20.8
		25	0	21.6	21.6	21.6	0	21.8	20.6	20.7	20.7	0	20.8
	16QAM	1	0	21.8	21.8	21.8	0	21.8	20.8	20.8	20.8	0	20.8
		1	12	21.8	21.8	21.8	0	21.8	20.8	20.8	20.8	0	20.8
		1	24	21.8	21.8	21.8	0	21.8	20.8	20.8	20.8	0	20.8
		12	0	21.6	21.6	21.7	0	21.8	20.7	20.7	20.8	0	20.8
		12	7	21.6	21.6	21.7	0	21.8	20.7	20.8	20.8	0	20.8
		12	13	21.6	21.6	21.7	0	21.8	20.8	20.8	20.8	0	20.8
		25	0	21.6	21.7	21.6	0	21.8	20.7	20.8	20.8	0	20.8
	64QAM	1	0	21.7	21.8	21.7	0	21.8	20.8	20.7	20.8	0	20.8
		1	12	21.7	21.7	21.7	0	21.8	20.8	20.7	20.7	0	20.8
		1	24	21.7	21.7	21.7	0	21.8	20.8	20.8	20.7	0	20.8
		12	0	21.7	21.8	21.7	0	21.8	20.7	20.7	20.7	0	20.8
		12	7	21.8	21.7	21.8	0	21.8	20.7	20.8	20.7	0	20.8
		12	13	21.8	21.7	21.8	0	21.8	20.7	20.7	20.8	0	20.8
		25	0	21.8	21.8	21.8	0	21.8	20.8	20.7	20.7	0	20.8
	256QAM	1	0	20.0	19.9	19.9	1.8	20.0	19.9	19.9	19.9	0.8	20.0
		1	12	20.0	19.9	19.9	1.8	20.0	20.0	19.9	19.9	0.8	20.0
		1	24	20.0	19.9	20.0	1.8	20.0	19.9	19.9	19.9	0.8	20.0
		12	0	20.0	19.9	19.9	1.8	20.0	19.9	19.9	19.9	0.8	20.0
		12	7	19.9	20.0	19.9	1.8	20.0	19.9	19.9	19.9	0.8	20.0
		12	13	19.9	19.9	19.9	1.8	20.0	20.0	19.9	19.9	0.8	20.0
		25	0	19.9	19.9	19.9	1.8	20.0	20.0	20.0	19.9	0.8	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	Maximum Output Power	20850	21100	21350	MPR	Maximum Output Power
				2510 MHz	2535 MHz	2560 MHz			2510 MHz	2535 MHz	2560 MHz		
20	QPSK	1	0	19.5	19.6	19.6	0	20.0	20.2	20.0	20.2	0	20.4
		1	49	19.7	19.7	19.6	0	20.0	20.2	20.0	20.2	0	20.4
		1	99	19.6	19.5	19.6	0	20.0	20.2	20.0	20.1	0	20.4
		50	0	19.7	19.7	19.6	0	20.0	20.2	20.2	20.2	0	20.4
		50	24	19.7	19.7	19.7	0	20.0	20.2	20.2	20.3	0	20.4
		50	50	19.6	19.6	19.7	0	20.0	20.2	20.2	20.2	0	20.4
		100	0	19.6	19.7	19.7	0	20.0	20.0	20.2	20.2	0	20.4
	16QAM	1	0	19.6	19.5	19.5	0	20.0	20.1	20.2	20.3	0	20.4
		1	49	19.6	19.6	19.6	0	20.0	20.2	20.2	20.1	0	20.4
		1	99	19.6	19.6	19.6	0	20.0	20.2	20.2	20.2	0	20.4
		50	0	19.5	19.7	19.7	0	20.0	20.3	20.3	20.2	0	20.4
		50	24	19.6	19.5	19.6	0	20.0	20.2	20.1	20.2	0	20.4
		50	50	19.5	19.6	19.6	0	20.0	20.1	20.1	20.2	0	20.4
		100	0	19.6	19.5	19.6	0	20.0	20.2	20.2	20.2	0	20.4
	64QAM	1	0	19.7	19.6	19.7	0	20.0	20.1	20.3	20.3	0	20.4
		1	49	19.7	19.7	19.7	0	20.0	20.2	20.1	20.2	0	20.4
		1	99	19.6	19.7	19.6	0	20.0	20.1	20.1	20.1	0	20.4
		50	0	19.3	19.2	19.3	0.3	19.7	19.4	19.4	19.6	0.7	19.7
		50	24	19.3	19.4	19.2	0.3	19.7	19.5	19.5	19.5	0.7	19.7
		50	50	19.2	19.3	19.2	0.3	19.7	19.5	19.5	19.4	0.7	19.7
		100	0	19.2	19.4	19.2	0.3	19.7	19.5	19.6	19.4	0.7	19.7
	256QAM	1	0	17.3	17.3	17.4	2.3	17.7	17.6	17.4	17.6	2.7	17.7
		1	49	17.2	17.3	17.2	2.3	17.7	17.5	17.6	17.4	2.7	17.7
		1	99	17.3	17.3	17.4	2.3	17.7	17.5	17.5	17.4	2.7	17.7
		50	0	17.4	17.4	17.2	2.3	17.7	17.5	17.4	17.5	2.7	17.7
		50	24	17.3	17.3	17.3	2.3	17.7	17.5	17.4	17.5	2.7	17.7
		50	50	17.4	17.2	17.3	2.3	17.7	17.6	17.4	17.5	2.7	17.7
		100	0	17.4	17.4	17.3	2.3	17.7	17.5	17.5	17.5	2.7	17.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				20825	21100	21375	MPR	Maximum Output Power	20825	21100	21375	MPR	Maximum Output Power
				2507.5 MHz	2535 MHz	2562.5 MHz			2507.5 MHz	2535 MHz	2562.5 MHz		
15	QPSK	1	0	19.6	19.6	19.6	0	20.0	20.2	20.1	20.3	0	20.4
		1	37	19.5	19.6	19.7	0	20.0	20.1	20.2	20.2	0	20.4
		1	74	19.5	19.6	19.6	0	20.0	20.2	20.1	20.1	0	20.4
		36	0	19.7	19.6	19.7	0	20.0	20.3	20.2	20.2	0	20.4
		36	20	19.6	19.5	19.6	0	20.0	20.2	20.1	20.2	0	20.4
		36	39	19.6	19.5	19.6	0	20.0	20.3	20.2	20.1	0	20.4
		75	0	19.5	19.6	19.6	0	20.0	20.1	20.2	20.2	0	20.4
	16QAM	1	0	19.6	19.6	19.6	0	20.0	20.1	20.2	20.2	0	20.4
		1	37	19.6	19.6	19.5	0	20.0	20.1	20.1	20.2	0	20.4
		1	74	19.6	19.5	19.6	0	20.0	20.1	20.1	20.1	0	20.4
		36	0	19.7	19.6	19.6	0	20.0	20.3	20.2	20.1	0	20.4
		36	20	19.6	19.5	19.7	0	20.0	20.3	20.2	20.1	0	20.4
		36	39	19.7	19.5	19.6	0	20.0	20.3	20.3	20.2	0	20.4
		75	0	19.6	19.6	19.5	0	20.0	20.3	20.2	20.1	0	20.4
	64QAM	1	0	19.7	19.6	19.6	0	20.0	20.2	20.1	20.3	0	20.4
		1	37	19.6	19.6	19.7	0	20.0	20.1	20.2	20.3	0	20.4
		1	74	19.6	19.5	19.6	0	20.0	20.2	20.2	20.1	0	20.4
		36	0	19.2	19.4	19.3	0.3	19.7	19.5	19.5	19.5	0.7	19.7
		36	20	19.3	19.3	19.2	0.3	19.7	19.5	19.5	19.6	0.7	19.7
		36	39	19.3	19.4	19.3	0.3	19.7	19.6	19.5	19.4	0.7	19.7
		75	0	19.4	19.3	19.4	0.3	19.7	19.5	19.5	19.4	0.7	19.7
	256QAM	1	0	17.2	17.2	17.3	2.3	17.7	17.5	17.5	17.5	2.7	17.7
		1	37	17.3	17.4	17.2	2.3	17.7	17.6	17.4	17.5	2.7	17.7
		1	74	17.2	17.4	17.4	2.3	17.7	17.5	17.4	17.4	2.7	17.7
		36	0	17.4	17.3	17.2	2.3	17.7	17.5	17.5	17.4	2.7	17.7
		36	20	17.3	17.3	17.4	2.3	17.7	17.4	17.5	17.6	2.7	17.7
		36	39	17.4	17.2	17.2	2.3	17.7	17.5	17.4	17.5	2.7	17.7
		75	0	17.3	17.2	17.4	2.3	17.7	17.6	17.6	17.4	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	Maximum Output Power	20800	21100	21400	MPR	Maximum Output Power
				2505 MHz	2535 MHz	2565 MHz			2505 MHz	2535 MHz	2565 MHz		
10	QPSK	1	0	19.5	19.6	19.5	0	20.0	20.3	20.3	20.2	0	20.4
		1	25	19.6	19.6	19.6	0	20.0	20.2	20.2	20.3	0	20.4
		1	49	19.7	19.7	19.7	0	20.0	20.3	20.3	20.2	0	20.4
		25	0	19.6	19.6	19.7	0	20.0	20.1	20.2	20.1	0	20.4
		25	12	19.5	19.5	19.5	0	20.0	20.1	20.2	20.1	0	20.4
		25	25	19.6	19.7	19.6	0	20.0	20.2	20.3	20.2	0	20.4
		50	0	19.7	19.6	19.7	0	20.0	20.3	20.2	20.2	0	20.4
	16QAM	1	0	19.6	19.7	19.7	0	20.0	20.3	20.1	20.1	0	20.4
		1	25	19.5	19.7	19.7	0	20.0	20.1	20.2	20.2	0	20.4
		1	49	19.6	19.6	19.7	0	20.0	20.1	20.2	20.2	0	20.4
		25	0	19.6	19.6	19.7	0	20.0	20.1	20.3	20.2	0	20.4
		25	12	19.6	19.5	19.5	0	20.0	20.1	20.2	20.3	0	20.4
		25	25	19.6	19.6	19.7	0	20.0	20.1	20.2	20.2	0	20.4
		50	0	19.7	19.5	19.6	0	20.0	20.3	20.3	20.1	0	20.4
	64QAM	1	0	19.7	19.6	19.6	0	20.0	20.2	20.2	20.3	0	20.4
		1	25	19.7	19.7	19.5	0	20.0	20.1	20.1	20.2	0	20.4
		1	49	19.6	19.6	19.6	0	20.0	20.2	20.1	20.2	0	20.4
		25	0	19.3	19.4	19.2	0.3	19.7	19.6	19.6	19.4	0.7	19.7
		25	12	19.4	19.2	19.4	0.3	19.7	19.5	19.4	19.4	0.7	19.7
		25	25	19.3	19.4	19.2	0.3	19.7	19.5	19.6	19.5	0.7	19.7
		50	0	19.4	19.3	19.2	0.3	19.7	19.5	19.6	19.4	0.7	19.7
	256QAM	1	0	17.2	17.3	17.2	2.3	17.7	17.5	17.6	17.4	2.7	17.7
		1	25	17.3	17.3	17.2	2.3	17.7	17.5	17.4	17.5	2.7	17.7
		1	49	17.4	17.4	17.4	2.3	17.7	17.6	17.4	17.4	2.7	17.7
		25	0	17.2	17.4	17.3	2.3	17.7	17.5	17.4	17.6	2.7	17.7
		25	12	17.3	17.3	17.3	2.3	17.7	17.5	17.5	17.6	2.7	17.7
		25	25	17.2	17.2	17.3	2.3	17.7	17.4	17.5	17.4	2.7	17.7
		50	0	17.3	17.3	17.3	2.3	17.7	17.4	17.4	17.5	2.7	17.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				20775	21100	21425	MPR	Maximum Output Power	20775	21100	21425	MPR	Maximum Output Power
				2502.5 MHz	2535 MHz	2567.5 MHz			2502.5 MHz	2535 MHz	2567.5 MHz		
5	QPSK	1	0	19.6	19.6	19.6	0	20.0	20.2	20.2	20.1	0	20.4
		1	12	19.7	19.6	19.6	0	20.0	20.3	20.3	20.1	0	20.4
		1	24	19.6	19.6	19.7	0	20.0	20.3	20.2	20.2	0	20.4
		12	0	19.7	19.7	19.5	0	20.0	20.1	20.3	20.2	0	20.4
		12	7	19.6	19.6	19.7	0	20.0	20.2	20.2	20.3	0	20.4
		12	13	19.6	19.7	19.7	0	20.0	20.3	20.2	20.1	0	20.4
		25	0	19.6	19.5	19.6	0	20.0	20.1	20.3	20.2	0	20.4
	16QAM	1	0	19.6	19.7	19.6	0	20.0	20.3	20.2	20.3	0	20.4
		1	12	19.5	19.6	19.6	0	20.0	20.2	20.2	20.3	0	20.4
		1	24	19.6	19.6	19.7	0	20.0	20.3	20.2	20.1	0	20.4
		12	0	19.6	19.6	19.6	0	20.0	20.2	20.3	20.1	0	20.4
		12	7	19.6	19.6	19.6	0	20.0	20.2	20.2	20.1	0	20.4
		12	13	19.6	19.6	19.7	0	20.0	20.2	20.2	20.3	0	20.4
		25	0	19.6	19.5	19.7	0	20.0	20.1	20.2	20.1	0	20.4
	64QAM	1	0	19.6	19.5	19.5	0	20.0	20.1	20.3	20.3	0	20.4
		1	12	19.6	19.6	19.6	0	20.0	20.1	20.3	20.2	0	20.4
		1	24	19.5	19.5	19.6	0	20.0	20.1	20.3	20.3	0	20.4
		12	0	19.4	19.3	19.2	0.3	19.7	19.5	19.4	19.6	0.7	19.7
		12	7	19.4	19.3	19.3	0.3	19.7	19.6	19.5	19.5	0.7	19.7
		12	13	19.3	19.2	19.3	0.3	19.7	19.4	19.6	19.5	0.7	19.7
		25	0	19.3	19.2	19.3	0.3	19.7	19.5	19.4	19.5	0.7	19.7
	256QAM	1	0	17.3	17.2	17.3	2.3	17.7	17.6	17.5	17.4	2.7	17.7
		1	12	17.3	17.2	17.4	2.3	17.7	17.5	17.6	17.5	2.7	17.7
		1	24	17.3	17.3	17.4	2.3	17.7	17.5	17.6	17.5	2.7	17.7
		12	0	17.3	17.4	17.3	2.3	17.7	17.4	17.6	17.4	2.7	17.7
		12	7	17.3	17.4	17.2	2.3	17.7	17.5	17.6	17.6	2.7	17.7
		12	13	17.3	17.3	17.3	2.3	17.7	17.5	17.6	17.5	2.7	17.7
		25	0	17.3	17.4	17.3	2.3	17.7	17.5	17.5	17.5	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	Maximum Output Power	23095	MPR	Maximum Output Power
				707.5 MHz			707.5 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	24.3	1	24.7	24.3	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	23.4	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	23.3	2	23.7	23.3	2	23.7
	64QAM	1	0	22.9	2	23.7	22.9	2	23.7
		1	25	23.0	2	23.7	23.0	2	23.7
		1	49	23.1	2	23.7	23.1	2	23.7
		25	0	21.7	3	22.7	21.7	3	22.7
		25	12	21.8	3	22.7	21.8	3	22.7
		25	25	21.8	3	22.7	21.8	3	22.7
		50	0	21.8	3	22.7	21.8	3	22.7
	256QAM	1	0	19.8	5	20.7	19.8	5	20.7
		1	25	19.9	5	20.7	19.9	5	20.7
		1	49	19.9	5	20.7	19.9	5	20.7
		25	0	19.7	5	20.7	19.7	5	20.7
		25	12	19.8	5	20.7	19.8	5	20.7
		25	25	19.8	5	20.7	19.8	5	20.7
		50	0	19.8	5	20.7	19.8	5	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				23035	23095	23155	MPR	Maximum Output Power	23035	23095	23155	MPR	Maximum Output Power
				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	25.2	0	25.7	25.2	25.3	25.2	0	25.7
		1	12	25.3	25.4	25.3	0	25.7	25.3	25.4	25.3	0	25.7
		1	24	25.2	25.3	25.1	0	25.7	25.2	25.3	25.1	0	25.7
		12	0	24.2	24.3	24.3	1	24.7	24.2	24.3	24.3	1	24.7
		12	7	24.3	24.3	24.3	1	24.7	24.3	24.3	24.3	1	24.7
		12	13	24.3	24.3	24.2	1	24.7	24.3	24.3	24.2	1	24.7
		25	0	24.3	24.3	24.2	1	24.7	24.3	24.3	24.2	1	24.7
	16QAM	1	0	24.6	24.6	24.7	1	24.7	24.6	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	24.6	24.6	24.6	1	24.7	24.6	24.6	24.6	1	24.7
		12	0	23.2	23.4	23.4	2	23.7	23.2	23.4	23.4	2	23.7
		12	7	23.3	23.4	23.4	2	23.7	23.3	23.4	23.4	2	23.7
		12	13	23.3	23.3	23.4	2	23.7	23.3	23.3	23.4	2	23.7
		25	0	23.3	23.3	23.2	2	23.7	23.3	23.3	23.2	2	23.7
	64QAM	1	0	22.8	22.9	22.9	2	23.7	22.8	22.9	22.9	2	23.7
		1	12	23.0	23.0	23.0	2	23.7	23.0	23.0	23.0	2	23.7
		1	24	22.9	22.9	23.0	2	23.7	22.9	22.9	23.0	2	23.7
		12	0	21.7	21.7	21.7	3	22.7	21.7	21.7	21.7	3	22.7
		12	7	21.8	21.8	21.9	3	22.7	21.8	21.8	21.9	3	22.7
		12	13	21.8	21.8	21.9	3	22.7	21.8	21.8	21.9	3	22.7
		25	0	21.8	21.7	21.9	3	22.7	21.8	21.7	21.9	3	22.7
	256QAM	1	0	19.8	19.8	19.9	5	20.7	19.8	19.8	19.9	5	20.7
		1	12	19.9	20.0	20.1	5	20.7	19.9	20.0	20.1	5	20.7
		1	24	19.9	19.9	20.0	5	20.7	19.9	19.9	20.0	5	20.7
		12	0	19.8	19.7	19.8	5	20.7	19.8	19.7	19.8	5	20.7
		12	7	19.8	19.8	19.9	5	20.7	19.8	19.8	19.9	5	20.7
		12	13	19.8	19.7	19.9	5	20.7	19.8	19.7	19.9	5	20.7
		25	0	19.8	19.8	19.8	5	20.7	19.8	19.8	19.8	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	Maximum Output Power	23025	23095	23165	MPR	Maximum Output Power
				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	25.2	0	25.7	25.2	25.2	25.2	0	25.7
		1	8	25.3	25.3	25.2	0	25.7	25.3	25.3	25.2	0	25.7
		1	14	25.2	25.1	25.1	0	25.7	25.2	25.1	25.1	0	25.7
		8	0	24.2	24.3	24.2	1	24.7	24.2	24.3	24.2	1	24.7
		8	4	24.3	24.3	24.2	1	24.7	24.3	24.3	24.2	1	24.7
		8	7	24.3	24.3	24.2	1	24.7	24.3	24.3	24.2	1	24.7
		15	0	24.2	24.3	24.2	1	24.7	24.2	24.3	24.2	1	24.7
	16QAM	1	0	24.5	24.6	24.5	1	24.7	24.5	24.6	24.5	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	24.6	24.4	1	24.7	24.5	24.6	24.4	1	24.7
		8	0	23.2	23.3	23.3	2	23.7	23.2	23.3	23.3	2	23.7
		8	4	23.3	23.4	23.3	2	23.7	23.3	23.4	23.3	2	23.7
		8	7	23.3	23.4	23.3	2	23.7	23.3	23.4	23.3	2	23.7
		15	0	23.2	23.3	23.2	2	23.7	23.2	23.3	23.2	2	23.7
	64QAM	1	0	22.9	22.9	23.0	2	23.7	22.9	22.9	23.0	2	23.7
		1	8	23.0	23.0	22.9	2	23.7	23.0	23.0	22.9	2	23.7
		1	14	22.9	22.9	23.0	2	23.7	22.9	22.9	23.0	2	23.7
		8	0	21.6	21.7	21.8	3	22.7	21.6	21.7	21.8	3	22.7
		8	4	21.7	21.8	21.8	3	22.7	21.7	21.8	21.8	3	22.7
		8	7	21.7	21.8	21.9	3	22.7	21.7	21.8	21.9	3	22.7
		15	0	21.8	21.8	21.8	3	22.7	21.8	21.8	21.8	3	22.7
	256QAM	1	0	19.7	19.8	19.8	5	20.7	19.7	19.8	19.8	5	20.7
		1	8	19.9	19.9	20.0	5	20.7	19.9	19.9	20.0	5	20.7
		1	14	19.8	19.8	19.9	5	20.7	19.8	19.8	19.9	5	20.7
		8	0	19.7	19.7	19.8	5	20.7	19.7	19.7	19.8	5	20.7
		8	4	19.8	19.8	19.8	5	20.7	19.8	19.8	19.8	5	20.7
		8	7	19.8	19.8	19.9	5	20.7	19.8	19.8	19.9	5	20.7
		15	0	19.8	19.7	19.8	5	20.7	19.8	19.7	19.8	5	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				23017	23095	23173	MPR	Maximum Output Power	23017	23095	23173	MPR	Maximum Output Power
				699.7 MHz	707.5 MHz	715.3 MHz			699.7 MHz	707.5 MHz	715.3 MHz		
1.4	QPSK	1	0	25.2	25.3	25.1	0	25.7	25.2	25.3	25.1	0	25.7
		1	3	25.2	25.4	25.2	0	25.7	25.2	25.4	25.2	0	25.7
		1	5	25.2	25.3	25.1	0	25.7	25.2	25.3	25.1	0	25.7
		3	0	25.2	25.3	25.2	0	25.7	25.2	25.3	25.2	0	25.7
		3	1	25.3	25.3	25.2	0	25.7	25.3	25.3	25.2	0	25.7
		3	3	25.3	25.4	25.2	0	25.7	25.3	25.4	25.2	0	25.7
		6	0	24.2	24.3	24.2	1	24.7	24.2	24.3	24.2	1	24.7
	16QAM	1	0	24.5	24.5	24.5	1	24.7	24.5	24.5	24.5	1	24.7
		1	3	24.6	24.6	24.6	1	24.7	24.6	24.6	24.6	1	24.7
		1	5	24.6	24.5	24.5	1	24.7	24.6	24.5	24.5	1	24.7
		3	0	24.3	24.4	24.3	1	24.7	24.3	24.4	24.3	1	24.7
		3	1	24.4	24.4	24.4	1	24.7	24.4	24.4	24.4	1	24.7
		3	3	24.4	24.4	24.3	1	24.7	24.4	24.4	24.3	1	24.7
		6	0	23.3	23.3	23.2	2	23.7	23.3	23.3	23.2	2	23.7
	64QAM	1	0	22.8	22.7	23.0	2	23.7	22.8	22.7	23.0	2	23.7
		1	3	22.8	23.1	23.3	2	23.7	22.8	23.1	23.3	2	23.7
		1	5	22.8	22.9	23.2	2	23.7	22.8	22.9	23.2	2	23.7
		3	0	22.8	22.8	23.0	2	23.7	22.8	22.8	23.0	2	23.7
		3	1	22.9	22.8	23.0	2	23.7	22.9	22.8	23.0	2	23.7
		3	3	22.8	22.8	23.0	2	23.7	22.8	22.8	23.0	2	23.7
		6	0	21.7	21.8	21.9	3	22.7	21.7	21.8	21.9	3	22.7
	256QAM	1	0	19.6	19.7	19.9	5	20.7	19.6	19.7	19.9	5	20.7
		1	3	19.8	19.8	20.0	5	20.7	19.8	19.8	20.0	5	20.7
		1	5	19.8	19.7	20.0	5	20.7	19.8	19.7	20.0	5	20.7
		3	0	19.6	19.7	19.9	5	20.7	19.6	19.7	19.9	5	20.7
		3	1	19.7	19.7	19.9	5	20.7	19.7	19.7	19.9	5	20.7
		3	3	19.7	19.7	20.0	5	20.7	19.7	19.7	20.0	5	20.7
		6	0	19.7	19.8	19.8	5	20.7	19.7	19.8	19.8	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	Maximum Output Power	23095	MPR	Maximum Output Power
				707.5 MHz			707.5 MHz		
10	QPSK	1	0	24.0	0	24.7	24.0	0	24.7
		1	25	24.0	0	24.7	24.0	0	24.7
		1	49	24.0	0	24.7	24.0	0	24.7
		25	0	23.0	1	23.7	23.0	1	23.7
		25	12	23.1	1	23.7	23.1	1	23.7
		25	25	23.0	1	23.7	23.0	1	23.7
		50	0	23.0	1	23.7	23.0	1	23.7
	16QAM	1	0	23.2	1	23.7	23.2	1	23.7
		1	25	23.2	1	23.7	23.2	1	23.7
		1	49	23.3	1	23.7	23.3	1	23.7
		25	0	22.0	2	22.7	22.0	2	22.7
		25	12	22.1	2	22.7	22.1	2	22.7
		25	25	22.1	2	22.7	22.1	2	22.7
		50	0	22.0	2	22.7	22.0	2	22.7
	64QAM	1	0	22.2	2	22.7	22.2	2	22.7
		1	25	22.2	2	22.7	22.2	2	22.7
		1	49	22.2	2	22.7	22.2	2	22.7
		25	0	21.0	3	21.7	21.0	3	21.7
		25	12	21.1	3	21.7	21.1	3	21.7
		25	25	21.1	3	21.7	21.1	3	21.7
		50	0	21.1	3	21.7	21.1	3	21.7
	256QAM	1	0	19.0	5	19.7	19.0	5	19.7
		1	25	19.2	5	19.7	19.2	5	19.7
		1	49	19.2	5	19.7	19.2	5	19.7
		25	0	19.0	5	19.7	19.0	5	19.7
		25	12	19.1	5	19.7	19.1	5	19.7
		25	25	19.1	5	19.7	19.1	5	19.7
		50	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)				
				23035	23095	23155	MPR	Maximum Output Power	23035	23095	23155	MPR	Maximum Output Power
				701.5 MHz	707.5 MHz	713.5 MHz			701.5 MHz	707.5 MHz	713.5 MHz		
5	QPSK	1	0	23.9	24.0	24.1	0	24.7	23.9	24.0	24.1	0	24.7
		1	12	24.0	24.0	24.2	0	24.7	24.0	24.0	24.2	0	24.7
		1	24	23.9	24.0	24.1	0	24.7	23.9	24.0	24.1	0	24.7
		12	0	23.0	23.0	23.1	1	23.7	23.0	23.0	23.1	1	23.7
		12	7	23.1	23.1	23.2	1	23.7	23.1	23.1	23.2	1	23.7
		12	13	23.0	23.1	23.2	1	23.7	23.0	23.1	23.2	1	23.7
		25	0	23.0	23.1	23.2	1	23.7	23.0	23.1	23.2	1	23.7
	16QAM	1	0	23.3	23.4	23.5	1	23.7	23.3	23.4	23.5	1	23.7
		1	12	23.4	23.5	23.6	1	23.7	23.4	23.5	23.6	1	23.7
		1	24	23.3	23.4	23.6	1	23.7	23.3	23.4	23.6	1	23.7
		12	0	22.0	22.1	22.2	2	22.7	22.0	22.1	22.2	2	22.7
		12	7	22.1	22.2	22.3	2	22.7	22.1	22.2	22.3	2	22.7
		12	13	22.1	22.1	22.3	2	22.7	22.1	22.1	22.3	2	22.7
		25	0	22.0	22.1	22.2	2	22.7	22.0	22.1	22.2	2	22.7
	64QAM	1	0	22.2	22.2	22.2	2	22.7	22.2	22.2	22.2	2	22.7
		1	12	22.3	22.3	22.3	2	22.7	22.3	22.3	22.3	2	22.7
		1	24	22.2	22.2	22.2	2	22.7	22.2	22.2	22.2	2	22.7
		12	0	20.9	21.0	21.1	3	21.7	20.9	21.0	21.1	3	21.7
		12	7	21.1	21.1	21.2	3	21.7	21.1	21.1	21.2	3	21.7
		12	13	21.0	21.1	21.2	3	21.7	21.0	21.1	21.2	3	21.7
		25	0	21.0	21.0	21.2	3	21.7	21.0	21.0	21.2	3	21.7
	256QAM	1	0	19.1	19.0	19.1	5	19.7	19.1	19.0	19.1	5	19.7
		1	12	19.2	19.2	19.3	5	19.7	19.2	19.2	19.3	5	19.7
		1	24	19.1	19.2	19.2	5	19.7	19.1	19.2	19.2	5	19.7
		12	0	19.0	19.0	19.1	5	19.7	19.0	19.0	19.1	5	19.7
		12	7	19.1	19.1	19.2	5	19.7	19.1	19.1	19.2	5	19.7
		12	13	19.1	19.1	19.2	5	19.7	19.1	19.1	19.2	5	19.7
		25	0	19.1	19.1	19.2	5	19.7	19.1	19.1	19.2	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	Maximum Output Power	23025	23095	23165	MPR	Maximum Output Power
				700.5 MHz	707.5 MHz	714.5 MHz			700.5 MHz	707.5 MHz	714.5 MHz		
3	QPSK	1	0	23.9	24.0	24.1	0	24.7	23.9	24.0	24.1	0	24.7
		1	8	24.0	24.0	24.2	0	24.7	24.0	24.0	24.2	0	24.7
		1	14	23.9	24.0	24.1	0	24.7	23.9	24.0	24.1	0	24.7
		8	0	23.0	23.0	23.1	1	23.7	23.0	23.0	23.1	1	23.7
		8	4	23.0	23.1	23.1	1	23.7	23.0	23.1	23.1	1	23.7
		8	7	23.1	23.1	23.2	1	23.7	23.1	23.1	23.2	1	23.7
		15	0	23.0	23.0	23.2	1	23.7	23.0	23.0	23.2	1	23.7
	16QAM	1	0	23.2	23.3	23.4	1	23.7	23.2	23.3	23.4	1	23.7
		1	8	23.3	23.4	23.5	1	23.7	23.3	23.4	23.5	1	23.7
		1	14	23.2	23.3	23.4	1	23.7	23.2	23.3	23.4	1	23.7
		8	0	22.0	22.1	22.1	2	22.7	22.0	22.1	22.1	2	22.7
		8	4	22.1	22.1	22.1	2	22.7	22.1	22.1	22.1	2	22.7
		8	7	22.2	22.1	22.2	2	22.7	22.2	22.1	22.2	2	22.7
		15	0	22.1	22.1	22.2	2	22.7	22.1	22.1	22.2	2	22.7
	64QAM	1	0	22.3	22.2	22.3	2	22.7	22.3	22.2	22.3	2	22.7
		1	8	22.3	22.3	22.4	2	22.7	22.3	22.3	22.4	2	22.7
		1	14	22.3	22.2	22.3	2	22.7	22.3	22.2	22.3	2	22.7
		8	0	21.0	21.0	21.1	3	21.7	21.0	21.0	21.1	3	21.7
		8	4	21.1	21.1	21.2	3	21.7	21.1	21.1	21.2	3	21.7
		8	7	21.1	21.1	21.3	3	21.7	21.1	21.1	21.3	3	21.7
		15	0	21.0	21.1	21.2	3	21.7	21.0	21.1	21.2	3	21.7
	256QAM	1	0	19.0	19.0	19.1	5	19.7	19.0	19.0	19.1	5	19.7
		1	8	19.2	19.2	19.3	5	19.7	19.2	19.2	19.3	5	19.7
		1	14	19.1	19.3	19.3	5	19.7	19.1	19.3	19.3	5	19.7
		8	0	19.0	19.0	19.1	5	19.7	19.0	19.0	19.1	5	19.7
		8	4	19.1	19.2	19.2	5	19.7	19.1	19.2	19.2	5	19.7
		8	7	19.1	19.1	19.2	5	19.7	19.1	19.1	19.2	5	19.7
		15	0	19.1	19.1	19.2	5	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)				
				23017	23095	23173	MPR	Maximum Output Power	23017	23095	23173	MPR	Maximum Output Power
				699.7 MHz	707.5 MHz	715.3 MHz			699.7 MHz	707.5 MHz	715.3 MHz		
1.4	QPSK	1	0	23.9	24.0	24.1	0	24.7	23.9	24.0	24.1	0	24.7
		1	3	23.9	24.0	24.1	0	24.7	23.9	24.0	24.1	0	24.7
		1	5	24.0	24.0	24.1	0	24.7	24.0	24.0	24.1	0	24.7
		3	0	24.0	24.0	24.2	0	24.7	24.0	24.0	24.2	0	24.7
		3	1	24.0	24.1	24.2	0	24.7	24.0	24.1	24.2	0	24.7
		3	3	24.0	24.1	24.2	0	24.7	24.0	24.1	24.2	0	24.7
		6	0	23.0	23.0	23.1	1	23.7	23.0	23.0	23.1	1	23.7
	16QAM	1	0	23.2	23.3	23.5	1	23.7	23.2	23.3	23.5	1	23.7
		1	3	23.4	23.4	23.5	1	23.7	23.4	23.4	23.5	1	23.7
		1	5	23.3	23.4	23.5	1	23.7	23.3	23.4	23.5	1	23.7
		3	0	23.1	23.1	23.3	1	23.7	23.1	23.1	23.3	1	23.7
		3	1	23.1	23.2	23.3	1	23.7	23.1	23.2	23.3	1	23.7
		3	3	23.1	23.2	23.3	1	23.7	23.1	23.2	23.3	1	23.7
		6	0	22.0	22.1	22.2	2	22.7	22.0	22.1	22.2	2	22.7
	64QAM	1	0	22.2	22.3	22.2	2	22.7	22.2	22.3	22.2	2	22.7
		1	3	22.4	22.1	22.3	2	22.7	22.4	22.1	22.3	2	22.7
		1	5	22.2	22.1	22.3	2	22.7	22.2	22.1	22.3	2	22.7
		3	0	21.9	22.1	22.2	2	22.7	21.9	22.1	22.2	2	22.7
		3	1	21.9	22.2	22.2	2	22.7	21.9	22.2	22.2	2	22.7
		3	3	21.9	22.2	22.2	2	22.7	21.9	22.2	22.2	2	22.7
		6	0	21.1	21.0	21.1	3	21.7	21.1	21.0	21.1	3	21.7
	256QAM	1	0	19.1	19.1	19.1	5	19.7	19.1	19.1	19.1	5	19.7
		1	3	19.3	19.2	19.3	5	19.7	19.3	19.2	19.3	5	19.7
		1	5	19.2	19.2	19.3	5	19.7	19.2	19.2	19.3	5	19.7
		3	0	19.1	19.0	19.1	5	19.7	19.1	19.0	19.1	5	19.7
		3	1	19.1	19.1	19.1	5	19.7	19.1	19.1	19.1	5	19.7
		3	3	19.1	19.1	19.2	5	19.7	19.1	19.1	19.2	5	19.7
		6	0	19.0	19.1	19.1	5	19.7	19.0	19.1	19.1	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	Maximum Output Power	23095	MPR	Maximum Output Power
				707.5 MHz			707.5 MHz		
10	QPSK	1	0	24.7	0	25.4	24.7	0	25.4
		1	25	24.7	0	25.4	24.7	0	25.4
		1	49	24.6	0	25.4	24.6	0	25.4
		25	0	23.7	1	24.4	23.7	1	24.4
		25	12	23.8	1	24.4	23.8	1	24.4
		25	25	23.7	1	24.4	23.7	1	24.4
		50	0	23.7	1	24.4	23.7	1	24.4
	16QAM	1	0	24.3	1	24.4	24.3	1	24.4
		1	25	24.3	1	24.4	24.3	1	24.4
		1	49	24.3	1	24.4	24.3	1	24.4
		25	0	23.3	2	23.4	23.3	2	23.4
		25	12	23.3	2	23.4	23.3	2	23.4
		25	25	23.3	2	23.4	23.3	2	23.4
		50	0	23.3	2	23.4	23.3	2	23.4
	64QAM	1	0	23.3	2	23.4	23.3	2	23.4
		1	25	23.3	2	23.4	23.3	2	23.4
		1	49	23.3	2	23.4	23.3	2	23.4
		25	0	22.3	3	22.4	22.3	3	22.4
		25	12	22.3	3	22.4	22.3	3	22.4
		25	25	22.3	3	22.4	22.3	3	22.4
		50	0	22.3	3	22.4	22.3	3	22.4
	256QAM	1	0	20.3	5	20.4	20.3	5	20.4
		1	25	20.3	5	20.4	20.3	5	20.4
		1	49	20.3	5	20.4	20.3	5	20.4
		25	0	20.3	5	20.4	20.3	5	20.4
		25	12	20.3	5	20.4	20.3	5	20.4
		25	25	20.3	5	20.4	20.3	5	20.4
		50	0	20.3	5	20.4	20.3	5	20.4

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				23035	23095	23155	MPR	Maximum Output Power	23035	23095	23155	MPR	Maximum Output Power
				701.5 MHz	707.5 MHz	713.5 MHz			701.5 MHz	707.5 MHz	713.5 MHz		
5	QPSK	1	0	25.3	25.3	25.3	0	25.4	25.3	25.3	25.3	0	25.4
		1	12	25.3	25.3	25.3	0	25.4	25.3	25.3	25.3	0	25.4
		1	24	25.3	25.3	25.3	0	25.4	25.3	25.3	25.3	0	25.4
		12	0	24.3	24.3	24.3	1	24.4	24.3	24.3	24.3	1	24.4
		12	7	24.3	24.3	24.3	1	24.4	24.3	24.3	24.3	1	24.4
		12	13	24.3	24.3	24.3	1	24.4	24.3	24.3	24.3	1	24.4
		25	0	24.3	24.3	24.3	1	24.4	24.3	24.3	24.3	1	24.4
	16QAM	1	0	24.3	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	23.3	23.3	2	23.4	23.3	23.3	23.3	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	23.3	2	23.4	23.3	23.3	23.3	2	23.4
		25	0	23.3	23.3	23.3	2	23.4	23.3	23.3	23.3	2	23.4
	64QAM	1	0	23.3	23.3	23.3	2	23.4	23.3	23.3	23.3	2	23.4
		1	12	23.3	23.3	23.3	2	23.4	23.3	23.3	23.3	2	23.4
		1	24	23.3	23.3	23.3	2	23.4	23.3	23.3	23.3	2	23.4
		12	0	22.3	22.3	22.3	3	22.4	22.3	22.3	22.3	3	22.4
		12	7	22.3	22.3	22.3	3	22.4	22.3	22.3	22.3	3	22.4
		12	13	22.3	22.3	22.3	3	22.4	22.3	22.3	22.3	3	22.4
		25	0	22.3	22.3	22.3	3	22.4	22.3	22.3	22.3	3	22.4
	256QAM	1	0	20.3	20.3	20.3	5	20.4	20.3	20.3	20.3	5	20.4
		1	12	20.3	20.3	20.3	5	20.4	20.3	20.3	20.3	5	20.4
		1	24	20.3	20.3	20.3	5	20.4	20.3	20.3	20.3	5	20.4
		12	0	20.3	20.3	20.3	5	20.4	20.3	20.3	20.3	5	20.4
		12	7	20.3	20.3	20.3	5	20.4	20.3	20.3	20.3	5	20.4
		12	13	20.3	20.3	20.3	5	20.4	20.3	20.3	20.3	5	20.4
		25	0	20.3	20.3	20.3	5	20.4	20.3	20.3	20.3	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	Maximum Output Power	23025	23095	23165	MPR	Maximum Output Power
				700.5 MHz	707.5 MHz	714.5 MHz			700.5 MHz	707.5 MHz	714.5 MHz		
3	QPSK	1	0	25.3	25.3	25.3	0	25.4	25.3	25.3	25.3	0	25.4
		1	8	25.3	25.3	25.3	0	25.4	25.3	25.3	25.3	0	25.4
		1	14	25.3	25.3	25.3	0	25.4	25.3	25.3	25.3	0	25.4
		8	0	24.3	24.3	24.3	1	24.4	24.3	24.3	24.3	1	24.4
		8	4	24.3	24.3	24.3	1	24.4	24.3	24.3	24.3	1	24.4
		8	7	24.3	24.3	24.3	1	24.4	24.3	24.3	24.3	1	24.4
		15	0	24.3	24.3	24.3	1	24.4	24.3	24.3	24.3	1	24.4
	16QAM	1	0	24.3	24.3	24.3	1	24.4	24.3	24.3	24.3	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	24.3	24.3	24.3	1	24.4	24.3	24.3	24.3	1	24.4
		8	0	23.3	23.3	23.3	2	23.4	23.3	23.3	23.3	2	23.4
		8	4	23.3	23.3	23.3	2	23.4	23.3	23.3	23.3	2	23.4
		8	7	23.3	23.3	23.3	2	23.4	23.3	23.3	23.3	2	23.4
		15	0	23.3	23.3	23.3	2	23.4	23.3	23.3	23.3	2	23.4
	64QAM	1	0	23.3	23.3	23.3	2	23.4	23.3	23.3	23.3	2	23.4
		1	8	23.3	23.3	23.3	2	23.4	23.3	23.3	23.3	2	23.4
		1	14	23.3	23.3	23.3	2	23.4	23.3	23.3	23.3	2	23.4
		8	0	22.3	22.3	22.3	3	22.4	22.3	22.3	22.3	3	22.4
		8	4	22.3	22.3	22.3	3	22.4	22.3	22.3	22.3	3	22.4
		8	7	22.3	22.3	22.3	3	22.4	22.3	22.3	22.3	3	22.4
		15	0	22.3	22.3	22.3	3	22.4	22.3	22.3	22.3	3	22.4
	256QAM	1	0	20.3	20.3	20.3	5	20.4	20.3	20.3	20.3	5	20.4
		1	8	20.3	20.3	20.3	5	20.4	20.3	20.3	20.3	5	20.4
		1	14	20.3	20.3	20.3	5	20.4	20.3	20.3	20.3	5	20.4
		8	0	20.3	20.3	20.3	5	20.4	20.3	20.3	20.3	5	20.4
		8	4	20.3	20.3	20.3	5	20.4	20.3	20.3	20.3	5	20.4
		8	7	20.3	20.3	20.3	5	20.4	20.3	20.3	20.3	5	20.4
		15	0	20.3	20.3	20.3	5	20.4	20.3	20.3	20.3	5	20.4

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				23017	23095	23173	MPR	Maximum Output Power	23017	23095	23173	MPR	Maximum Output Power
				699.7 MHz	707.5 MHz	715.3 MHz			699.7 MHz	707.5 MHz	715.3 MHz		
1.4	QPSK	1	0	25.3	25.3	25.3	0	25.4	25.3	25.3	25.3	0	25.4
		1	3	25.3	25.3	25.3	0	25.4	25.3	25.3	25.3	0	25.4
		1	5	25.3	25.3	25.3	0	25.4	25.3	25.3	25.3	0	25.4
		3	0	24.3	24.3	24.3	0	25.4	24.3	24.3	24.3	0	25.4
		3	1	24.3	24.3	24.3	0	25.4	24.3	24.3	24.3	0	25.4
		3	3	24.3	24.3	24.3	0	25.4	24.3	24.3	24.3	0	25.4
		6	0	24.3	24.3	24.3	1	24.4	24.3	24.3	24.3	1	24.4
	16QAM	1	0	24.3	24.3	24.3	1	24.4	24.3	24.3	24.3	1	24.4
		1	3	24.3	24.3	24.3	1	24.4	24.3	24.3	24.3	1	24.4
		1	5	24.3	24.3	24.3	1	24.4	24.3	24.3	24.3	1	24.4
		3	0	23.3	23.3	23.3	1	24.4	23.3	23.3	23.3	1	24.4
		3	1	23.3	23.3	23.3	1	24.4	23.3	23.3	23.3	1	24.4
		3	3	23.3	23.3	23.3	1	24.4	23.3	23.3	23.3	1	24.4
		6	0	23.3	23.3	23.3	2	23.4	23.3	23.3	23.3	2	23.4
	64QAM	1	0	23.3	23.3	23.3	2	23.4	23.3	23.3	23.3	2	23.4
		1	3	23.3	23.3	23.3	2	23.4	23.3	23.3	23.3	2	23.4
		1	5	23.3	23.3	23.3	2	23.4	23.3	23.3	23.3	2	23.4
		3	0	22.3	22.3	22.3	2	23.4	22.3	22.3	22.3	2	23.4
		3	1	22.3	22.3	22.3	2	23.4	22.3	22.3	22.3	2	23.4
		3	3	22.3	22.3	22.3	2	23.4	22.3	22.3	22.3	2	23.4
		6	0	22.3	22.3	22.3	3	22.4	22.3	22.3	22.3	3	22.4
	256QAM	1	0	20.3	20.3	20.3	5	20.4	20.3	20.3	20.3	5	20.4
		1	3	20.3	20.3	20.3	5	20.4	20.3	20.3	20.3	5	20.4
		1	5	20.3	20.3	20.3	5	20.4	20.3	20.3	20.3	5	20.4
		3	0	20.3	20.3	20.3	5	20.4	20.3	20.3	20.3	5	20.4
		3	1	20.3	20.3	20.3	5	20.4	20.3	20.3	20.3	5	20.4
		3	3	20.3	20.3	20.3	5	20.4	20.3	20.3	20.3	5	20.4
		6	0	20.3	20.3	20.3	5	20.4	20.3	20.3	20.3	5	20.4

LTE Band 13 Measured Results (ANT1)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)			Power Mode B (dBm)		
				23230 782 MHz	MPR	Maximum Output Power	23230 782 MHz	MPR	Maximum Output Power
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	24.3	1	24.7	24.3	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	23.3	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	22.9	2	23.7	22.9	2	23.7
		1	25	23.0	2	23.7	23.0	2	23.7
		1	49	22.9	2	23.7	22.9	2	23.7
		25	0	21.8	3	22.7	21.8	3	22.7
		25	12	21.8	3	22.7	21.8	3	22.7
		25	25	21.8	3	22.7	21.8	3	22.7
		50	0	21.8	3	22.7	21.8	3	22.7
	256QAM	1	0	19.9	5	20.7	19.9	5	20.7
		1	25	20.0	5	20.7	20.0	5	20.7
		1	49	20.0	5	20.7	20.0	5	20.7
		25	0	19.8	5	20.7	19.8	5	20.7
		25	12	19.8	5	20.7	19.8	5	20.7
		25	25	19.9	5	20.7	19.9	5	20.7
		50	0	19.8	5	20.7	19.8	5	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
				23230 782 MHz	MPR	Maximum Output Power	23230 782 MHz	MPR	Maximum Output Power
5	QPSK	1	0	25.3	0	25.7	25.3	0	25.7
		1	12	25.4	0	25.7	25.4	0	25.7
		1	24	25.3	0	25.7	25.3	0	25.7
		12	0	24.3	1	24.7	24.3	1	24.7
		12	7	24.3	1	24.7	24.3	1	24.7
		12	13	24.3	1	24.7	24.3	1	24.7
		25	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	12	24.7	1	24.7	24.7	1	24.7
		1	24	24.7	1	24.7	24.7	1	24.7
		12	0	23.4	2	23.7	23.4	2	23.7
		12	7	23.4	2	23.7	23.4	2	23.7
		12	13	23.4	2	23.7	23.4	2	23.7
		25	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	12	23.1	2	23.7	23.1	2	23.7
		1	24	23.1	2	23.7	23.1	2	23.7
		12	0	21.8	3	22.7	21.8	3	22.7
		12	7	21.9	3	22.7	21.9	3	22.7
		12	13	21.9	3	22.7	21.9	3	22.7
		25	0	21.8	3	22.7	21.8	3	22.7
	256QAM	1	0	20.0	5	20.7	20.0	5	20.7
		1	12	20.1	5	20.7	20.1	5	20.7
		1	24	20.0	5	20.7	20.0	5	20.7
		12	0	19.8	5	20.7	19.8	5	20.7
		12	7	19.9	5	20.7	19.9	5	20.7
		12	13	19.9	5	20.7	19.9	5	20.7
		25	0	19.8	5	20.7	19.8	5	20.7

LTE Band 13 Measured Results (ANT2)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)			Power Mode B (dBm)		
				23230	MPR	Maximum Output Power	23230	MPR	Maximum Output Power
				782 MHz			782 MHz		
10	QPSK	1	0	23.6	0	24.5	23.6	0	24.5
		1	25	23.8	0	24.5	23.8	0	24.5
		1	49	23.7	0	24.5	23.7	0	24.5
		25	0	22.9	0.8	23.7	22.9	0.8	23.7
		25	12	22.9	0.8	23.7	22.9	0.8	23.7
		25	25	22.9	0.8	23.7	22.9	0.8	23.7
		50	0	22.9	0.8	23.7	22.9	0.8	23.7
	16QAM	1	0	23.2	0.8	23.7	23.2	0.8	23.7
		1	25	23.4	0.8	23.7	23.4	0.8	23.7
		1	49	23.3	0.8	23.7	23.3	0.8	23.7
		25	0	21.9	1.8	22.7	21.9	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	21.9	1.8	22.7	21.9	1.8	22.7
	64QAM	1	0	22.0	1.8	22.7	22.0	1.8	22.7
		1	25	22.1	1.8	22.7	22.1	1.8	22.7
		1	49	22.0	1.8	22.7	22.0	1.8	22.7
		25	0	20.9	2.8	21.7	20.9	2.8	21.7
		25	12	20.9	2.8	21.7	20.9	2.8	21.7
		25	25	20.9	2.8	21.7	20.9	2.8	21.7
		50	0	20.9	2.8	21.7	20.9	2.8	21.7
	256QAM	1	0	18.9	4.8	19.7	18.9	4.8	19.7
		1	25	19.2	4.8	19.7	19.2	4.8	19.7
		1	49	19.1	4.8	19.7	19.1	4.8	19.7
		25	0	18.9	4.8	19.7	18.9	4.8	19.7
		25	12	19.0	4.8	19.7	19.0	4.8	19.7
		25	25	18.9	4.8	19.7	18.9	4.8	19.7
		50	0	18.9	4.8	19.7	18.9	4.8	19.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
				23230	MPR	Maximum Output Power	23230	MPR	Maximum Output Power
				782 MHz			782 MHz		
5	QPSK	1	0	23.6	0	24.5	23.6	0	24.5
		1	12	23.8	0	24.5	23.8	0	24.5
		1	24	23.7	0	24.5	23.7	0	24.5
		12	0	22.9	0.8	23.7	22.9	0.8	23.7
		12	7	22.9	0.8	23.7	22.9	0.8	23.7
		12	13	23.0	0.8	23.7	23.0	0.8	23.7
		25	0	22.9	0.8	23.7	22.9	0.8	23.7
	16QAM	1	0	23.0	0.8	23.7	23.0	0.8	23.7
		1	12	23.2	0.8	23.7	23.2	0.8	23.7
		1	24	23.2	0.8	23.7	23.2	0.8	23.7
		12	0	21.8	1.8	22.7	21.8	1.8	22.7
		12	7	22.0	1.8	22.7	22.0	1.8	22.7
		12	13	22.0	1.8	22.7	22.0	1.8	22.7
		25	0	21.9	1.8	22.7	21.9	1.8	22.7
	64QAM	1	0	22.0	1.8	22.7	22.0	1.8	22.7
		1	12	22.2	1.8	22.7	22.2	1.8	22.7
		1	24	22.1	1.8	22.7	22.1	1.8	22.7
		12	0	20.9	2.8	21.7	20.9	2.8	21.7
		12	7	21.0	2.8	21.7	21.0	2.8	21.7
		12	13	21.0	2.8	21.7	21.0	2.8	21.7
		25	0	21.0	2.8	21.7	21.0	2.8	21.7
	256QAM	1	0	18.9	4.8	19.7	18.9	4.8	19.7
		1	12	19.1	4.8	19.7	19.1	4.8	19.7
		1	24	19.1	4.8	19.7	19.1	4.8	19.7
		12	0	18.9	4.8	19.7	18.9	4.8	19.7
		12	7	19.0	4.8	19.7	19.0	4.8	19.7
		12	13	19.0	4.8	19.7	19.0	4.8	19.7
		25	0	19.0	4.8	19.7	19.0	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	Maximum Output Power	23230	MPR	Maximum Output Power
				782 MHz			782 MHz		
10	QPSK	1	0	24.9	0	25.4	24.9	0	25.4
		1	25	25.0	0	25.4	25.0	0	25.4
		1	49	25.0	0	25.4	25.0	0	25.4
		25	0	23.9	1	24.4	23.9	1	24.4
		25	12	24.0	1	24.4	24.0	1	24.4
		25	25	23.9	1	24.4	23.9	1	24.4
		50	0	24.0	1	24.4	24.0	1	24.4
	16QAM	1	0	24.0	1	24.4	24.0	1	24.4
		1	25	24.0	1	24.4	24.0	1	24.4
		1	49	24.0	1	24.4	24.0	1	24.4
		25	0	22.9	2	23.4	22.9	2	23.4
		25	12	22.9	2	23.4	22.9	2	23.4
		25	25	23.0	2	23.4	23.0	2	23.4
		50	0	23.0	2	23.4	23.0	2	23.4
	64QAM	1	0	22.9	2	23.4	22.9	2	23.4
		1	25	22.9	2	23.4	22.9	2	23.4
		1	49	22.9	2	23.4	22.9	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	21.9	3	22.4	21.9	3	22.4
	256QAM	1	0	19.9	5	20.4	19.9	5	20.4
		1	25	19.9	5	20.4	19.9	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	20.0	5	20.4	20.0	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	Maximum Output Power	23230	MPR	Maximum Output Power
				782 MHz			782 MHz		
5	QPSK	1	0	24.9	0	25.4	24.9	0	25.4
		1	12	25.0	0	25.4	25.0	0	25.4
		1	24	24.9	0	25.4	24.9	0	25.4
		12	0	24.0	1	24.4	24.0	1	24.4
		12	7	23.9	1	24.4	23.9	1	24.4
		12	13	24.0	1	24.4	24.0	1	24.4
		25	0	24.0	1	24.4	24.0	1	24.4
	16QAM	1	0	23.9	1	24.4	23.9	1	24.4
		1	12	24.0	1	24.4	24.0	1	24.4
		1	24	24.0	1	24.4	24.0	1	24.4
		12	0	23.0	2	23.4	23.0	2	23.4
		12	7	22.9	2	23.4	22.9	2	23.4
		12	13	23.0	2	23.4	23.0	2	23.4
		25	0	22.9	2	23.4	22.9	2	23.4
	64QAM	1	0	22.9	2	23.4	22.9	2	23.4
		1	12	23.0	2	23.4	23.0	2	23.4
		1	24	22.9	2	23.4	22.9	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
		25	0	22.0	3	22.4	22.0	3	22.4
	256QAM	1	0	19.9	5	20.4	19.9	5	20.4
		1	12	20.0	5	20.4	20.0	5	20.4
		1	24	19.9	5	20.4	19.9	5	20.4
		12	0	20.0	5	20.4	20.0	5	20.4
		12	7	19.9	5	20.4	19.9	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 14 Measured Results (ANT1)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)			Power Mode B (dBm)		
				23330 / 793 MHz	MPR	Maximum Output Power	23330 / 793 MHz	MPR	Maximum Output Power
10	QPSK	1	0	25.1	0	25.7	25.1	0	25.7
		1	25	25.2	0	25.7	25.2	0	25.7
		1	49	25.1	0	25.7	25.1	0	25.7
		25	0	24.1	1	24.7	24.1	1	24.7
		25	12	24.2	1	24.7	24.2	1	24.7
		25	25	24.2	1	24.7	24.2	1	24.7
		50	0	24.1	1	24.7	24.1	1	24.7
	16QAM	1	0	24.5	1	24.7	24.5	1	24.7
		1	25	24.5	1	24.7	24.5	1	24.7
		1	49	24.5	1	24.7	24.5	1	24.7
		25	0	23.2	2	23.7	23.2	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	23.2	2	23.7	23.2	2	23.7
	64QAM	1	0	22.7	2	23.7	22.7	2	23.7
		1	25	22.8	2	23.7	22.8	2	23.7
		1	49	22.9	2	23.7	22.9	2	23.7
		25	0	21.7	3	22.7	21.7	3	22.7
		25	12	21.7	3	22.7	21.7	3	22.7
		25	25	21.7	3	22.7	21.7	3	22.7
		50	0	21.7	3	22.7	21.7	3	22.7
	256QAM	1	0	19.7	5	20.7	19.7	5	20.7
		1	25	19.8	5	20.7	19.8	5	20.7
		1	49	19.9	5	20.7	19.9	5	20.7
		25	0	19.7	5	20.7	19.7	5	20.7
		25	12	19.7	5	20.7	19.7	5	20.7
		25	25	19.8	5	20.7	19.8	5	20.7
		50	0	19.7	5	20.7	19.7	5	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
				23330 / 793 MHz	MPR	Maximum Output Power	23330 / 793 MHz	MPR	Maximum Output Power
5	QPSK	1	0	25.2	0	25.7	25.2	0	25.7
		1	12	25.3	0	25.7	25.3	0	25.7
		1	24	25.1	0	25.7	25.1	0	25.7
		12	0	24.1	1	24.7	24.1	1	24.7
		12	7	24.2	1	24.7	24.2	1	24.7
		12	13	24.2	1	24.7	24.2	1	24.7
		25	0	24.1	1	24.7	24.1	1	24.7
	16QAM	1	0	24.5	1	24.7	24.5	1	24.7
		1	12	24.6	1	24.7	24.6	1	24.7
		1	24	24.5	1	24.7	24.5	1	24.7
		12	0	23.1	2	23.7	23.1	2	23.7
		12	7	23.1	2	23.7	23.1	2	23.7
		12	13	23.2	2	23.7	23.2	2	23.7
		25	0	23.1	2	23.7	23.1	2	23.7
	64QAM	1	0	22.8	2	23.7	22.8	2	23.7
		1	12	22.9	2	23.7	22.9	2	23.7
		1	24	22.8	2	23.7	22.8	2	23.7
		12	0	21.7	3	22.7	21.7	3	22.7
		12	7	21.7	3	22.7	21.7	3	22.7
		12	13	21.8	3	22.7	21.8	3	22.7
		25	0	21.7	3	22.7	21.7	3	22.7
	256QAM	1	0	19.8	5	20.7	19.8	5	20.7
		1	12	19.9	5	20.7	19.9	5	20.7
		1	24	19.8	5	20.7	19.8	5	20.7
		12	0	19.7	5	20.7	19.7	5	20.7
		12	7	19.7	5	20.7	19.7	5	20.7
		12	13	19.8	5	20.7	19.8	5	20.7
		25	0	19.7	5	20.7	19.7	5	20.7

LTE Band 14 Measured Results (ANT2)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)			Power Mode B (dBm)		
				23330	MPR	Maximum Output Power	23330	MPR	Maximum Output Power
				793 MHz			793 MHz		
10	QPSK	1	0	23.7	0	24.5	23.7	0	24.5
		1	25	23.7	0	24.5	23.7	0	24.5
		1	49	23.6	0	24.5	23.6	0	24.5
		25	0	22.9	0.8	23.7	22.9	0.8	23.7
		25	12	22.9	0.8	23.7	22.9	0.8	23.7
		25	25	22.9	0.8	23.7	22.9	0.8	23.7
		50	0	22.9	0.8	23.7	22.9	0.8	23.7
	16QAM	1	0	23.2	0.8	23.7	23.2	0.8	23.7
		1	25	23.0	0.8	23.7	23.0	0.8	23.7
		1	49	23.1	0.8	23.7	23.1	0.8	23.7
		25	0	21.9	1.8	22.7	21.9	1.8	22.7
		25	12	21.9	1.8	22.7	21.9	1.8	22.7
		25	25	21.9	1.8	22.7	21.9	1.8	22.7
		50	0	21.9	1.8	22.7	21.9	1.8	22.7
	64QAM	1	0	22.1	1.8	22.7	22.1	1.8	22.7
		1	25	22.1	1.8	22.7	22.1	1.8	22.7
		1	49	22.1	1.8	22.7	22.1	1.8	22.7
		25	0	20.9	2.8	21.7	20.9	2.8	21.7
		25	12	20.9	2.8	21.7	20.9	2.8	21.7
		25	25	20.9	2.8	21.7	20.9	2.8	21.7
		50	0	20.9	2.8	21.7	20.9	2.8	21.7
	256QAM	1	0	19.0	4.8	19.7	19.0	4.8	19.7
		1	25	19.0	4.8	19.7	19.0	4.8	19.7
		1	49	18.9	4.8	19.7	18.9	4.8	19.7
		25	0	18.9	4.8	19.7	18.9	4.8	19.7
		25	12	18.9	4.8	19.7	18.9	4.8	19.7
		25	25	18.9	4.8	19.7	18.9	4.8	19.7
		50	0	18.9	4.8	19.7	18.9	4.8	19.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
				23330	MPR	Maximum Output Power	23330	MPR	Maximum Output Power
				793 MHz			793 MHz		
5	QPSK	1	0	23.6	0	24.5	23.6	0	24.5
		1	12	23.7	0	24.5	23.7	0	24.5
		1	24	23.6	0	24.5	23.6	0	24.5
		12	0	22.8	0.8	23.7	22.8	0.8	23.7
		12	7	22.9	0.8	23.7	22.9	0.8	23.7
		12	13	22.8	0.8	23.7	22.8	0.8	23.7
		25	0	22.8	0.8	23.7	22.8	0.8	23.7
	16QAM	1	0	23.2	0.8	23.7	23.2	0.8	23.7
		1	12	23.2	0.8	23.7	23.2	0.8	23.7
		1	24	23.2	0.8	23.7	23.2	0.8	23.7
		12	0	21.9	1.8	22.7	21.9	1.8	22.7
		12	7	22.0	1.8	22.7	22.0	1.8	22.7
		12	13	21.9	1.8	22.7	21.9	1.8	22.7
		25	0	21.9	1.8	22.7	21.9	1.8	22.7
	64QAM	1	0	22.0	1.8	22.7	22.0	1.8	22.7
		1	12	22.1	1.8	22.7	22.1	1.8	22.7
		1	24	22.0	1.8	22.7	22.0	1.8	22.7
		12	0	20.9	2.8	21.7	20.9	2.8	21.7
		12	7	20.9	2.8	21.7	20.9	2.8	21.7
		12	13	20.9	2.8	21.7	20.9	2.8	21.7
		25	0	20.9	2.8	21.7	20.9	2.8	21.7
	256QAM	1	0	19.1	4.8	19.7	19.1	4.8	19.7
		1	12	19.1	4.8	19.7	19.1	4.8	19.7
		1	24	19.0	4.8	19.7	19.0	4.8	19.7
		12	0	18.9	4.8	19.7	18.9	4.8	19.7
		12	7	19.0	4.8	19.7	19.0	4.8	19.7
		12	13	18.9	4.8	19.7	18.9	4.8	19.7
		25	0	18.9	4.8	19.7	18.9	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	MPR	Maximum Output Power	23330	MPR	Maximum Output Power
				793 MHz			793 MHz		
10	QPSK	1	0	24.8	0	25.4	24.8	0	25.4
		1	25	24.8	0	25.4	24.8	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
		50	0	23.9	1	24.4	23.9	1	24.4
	16QAM	1	0	23.8	1	24.4	23.8	1	24.4
		1	25	23.8	1	24.4	23.8	1	24.4
		1	49	23.8	1	24.4	23.8	1	24.4
		25	0	22.8	2	23.4	22.8	2	23.4
		25	12	22.8	2	23.4	22.8	2	23.4
		25	25	22.9	2	23.4	22.9	2	23.4
		50	0	22.9	2	23.4	22.9	2	23.4
	64QAM	1	0	22.8	2	23.4	22.8	2	23.4
		1	25	22.9	2	23.4	22.9	2	23.4
		1	49	22.8	2	23.4	22.8	2	23.4
		25	0	21.9	3	22.4	21.9	3	22.4
		25	12	21.8	3	22.4	21.8	3	22.4
		25	25	21.9	3	22.4	21.9	3	22.4
		50	0	21.8	3	22.4	21.8	3	22.4
	256QAM	1	0	19.8	5	20.4	19.8	5	20.4
		1	25	19.9	5	20.4	19.9	5	20.4
		1	49	19.9	5	20.4	19.9	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	19.8	5	20.4	19.8	5	20.4

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
				23330	MPR	Maximum Output Power	23330	MPR	Maximum Output Power
				793 MHz			793 MHz		
5	QPSK	1	0	24.8	0	25.4	24.8	0	25.4
		1	12	24.8	0	25.4	24.8	0	25.4
		1	24	24.9	0	25.4	24.9	0	25.4
		12	0	23.9	1	24.4	23.9	1	24.4
		12	7	23.8	1	24.4	23.8	1	24.4
		12	13	23.8	1	24.4	23.8	1	24.4
		25	0	23.9	1	24.4	23.9	1	24.4
	16QAM	1	0	23.9	1	24.4	23.9	1	24.4
		1	12	23.9	1	24.4	23.9	1	24.4
		1	24	23.9	1	24.4	23.9	1	24.4
		12	0	22.8	2	23.4	22.8	2	23.4
		12	7	22.8	2	23.4	22.8	2	23.4
		12	13	22.9	2	23.4	22.9	2	23.4
		25	0	22.8	2	23.4	22.8	2	23.4
	64QAM	1	0	22.9	2	23.4	22.9	2	23.4
		1	12	22.8	2	23.4	22.8	2	23.4
		1	24	22.8	2	23.4	22.8	2	23.4
		12	0	21.8	3	22.4	21.8	3	22.4
		12	7	21.8	3	22.4	21.8	3	22.4
		12	13	21.9	3	22.4	21.9	3	22.4
		25	0	21.9	3	22.4	21.9	3	22.4
	256QAM	1	0	19.8	5	20.4	19.8	5	20.4
		1	12	19.9	5	20.4	19.9	5	20.4
		1	24	19.8	5	20.4	19.8	5	20.4
		12	0	19.8	5	20.4	19.8	5	20.4
		12	7	19.9	5	20.4	19.9	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	Maximum Output Power	26140	26365	26590	MPR	Maximum Output Power
				1860 MHz	1882.5 MHz	1905 MHz			1860 MHz	1882.5 MHz	1905 MHz		
20	QPSK	1	0	25.3	25.4	25.4	0	25.7	18.6	18.6	18.6	0	19.5
		1	49	25.3	25.4	25.4	0	25.7	18.6	18.6	18.6	0	19.5
		1	99	25.3	25.4	25.4	0	25.7	18.5	18.5	18.5	0	19.5
		50	0	24.4	24.5	24.5	1	24.7	18.6	18.7	18.6	0	19.5
		50	24	24.5	24.5	24.6	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	18.7	18.6	0	19.5
		100	0	24.4	24.4	24.4	1	24.7	18.7	18.7	18.7	0	19.5
	16QAM	1	0	24.7	24.6	24.7	1	24.7	18.8	19.0	19.0	0	19.5
		1	49	24.7	24.7	24.7	1	24.7	18.9	19.0	19.0	0	19.5
		1	99	24.7	24.7	24.7	1	24.7	18.8	18.9	18.9	0	19.5
		50	0	23.4	23.5	23.5	2	23.7	18.7	18.7	18.6	0	19.5
		50	24	23.5	23.5	23.6	2	23.7	18.7	18.8	18.7	0	19.5
		50	50	23.5	23.6	23.6	2	23.7	18.7	18.7	18.7	0	19.5
		100	0	23.5	23.5	23.6	2	23.7	18.7	18.7	18.7	0	19.5
	64QAM	1	0	22.8	22.8	23.0	2	23.7	18.6	18.8	18.8	0	19.5
		1	49	22.9	23.0	23.2	2	23.7	18.7	19.0	19.0	0	19.5
		1	99	22.9	22.9	23.0	2	23.7	18.8	19.0	19.0	0	19.5
		50	0	21.6	21.7	21.9	3	22.7	18.6	18.8	18.8	0	19.5
		50	24	21.7	21.8	22.0	3	22.7	18.7	18.9	18.9	0	19.5
		50	50	21.7	21.8	22.0	3	22.7	18.7	18.9	18.9	0	19.5
		100	0	21.7	21.8	22.0	3	22.7	18.7	19.0	19.0	0	19.5
	256QAM	1	0	19.8	19.9	20.0	5	20.7	18.6	18.9	18.9	0	19.5
		1	49	19.8	19.9	20.0	5	20.7	18.6	19.0	19.0	0	19.5
		1	99	19.9	20.0	20.1	5	20.7	18.7	19.0	19.0	0	19.5
		50	0	19.6	19.8	19.9	5	20.7	18.6	18.8	18.8	0	19.5
		50	24	19.7	19.9	20.0	5	20.7	18.7	18.9	18.9	0	19.5
		50	50	19.7	19.9	20.0	5	20.7	18.7	18.9	18.9	0	19.5
		100	0	19.7	19.8	20.0	5	20.7	18.7	18.9	18.9	0	19.5

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26115	26365	26615	MPR	Maximum Output Power	26115	26365	26590	MPR	Maximum Output Power
				1857.5 MHz	1882.5 MHz	1907.5 MHz			1860 MHz	1882.5 MHz	1905 MHz		
15	QPSK	1	0	25.3	25.4	25.4	0	25.7	18.6	18.6	18.5	0	19.5
		1	37	25.3	25.4	25.5	0	25.7	18.6	18.6	18.5	0	19.5
		1	74	25.3	25.4	25.4	0	25.7	18.6	18.5	18.5	0	19.5
		36	0	24.4	24.5	24.5	1	24.7	18.7	18.7	18.6	0	19.5
		36	20	24.5	24.4	24.5	1	24.7	18.7	18.8	18.7	0	19.5
		36	39	24.5	24.6	24.5	1	24.7	18.7	18.7	18.7	0	19.5
		75	0	24.5	24.5	24.6	1	24.7	18.7	18.8	18.7	0	19.5
	16QAM	1	0	24.7	24.7	24.7	1	24.7	19.0	19.0	18.8	0	19.5
		1	37	24.7	24.7	24.7	1	24.7	19.0	19.0	18.8	0	19.5
		1	74	24.7	24.7	24.7	1	24.7	19.0	19.0	18.8	0	19.5
		36	0	23.4	23.5	23.5	2	23.7	18.7	18.7	18.6	0	19.5
		36	20	23.5	23.5	23.6	2	23.7	18.7	18.8	18.7	0	19.5
		36	39	23.5	23.5	23.6	2	23.7	18.7	18.7	18.7	0	19.5
		75	0	23.5	23.5	23.6	2	23.7	18.7	18.8	18.7	0	19.5
	64QAM	1	0	22.7	22.9	23.0	2	23.7	19.0	18.8	18.9	0	19.5
		1	37	22.8	22.9	23.1	2	23.7	19.0	18.9	18.7	0	19.5
		1	74	22.8	22.9	23.1	2	23.7	19.0	18.9	18.7	0	19.5
		36	0	21.6	21.7	21.9	3	22.7	18.8	18.7	18.8	0	19.5
		36	20	21.7	21.8	21.9	3	22.7	18.9	18.8	18.9	0	19.5
		36	39	21.7	21.8	22.0	3	22.7	19.0	18.8	18.9	0	19.5
		75	0	21.7	21.8	21.9	3	22.7	18.9	18.8	18.9	0	19.5
	256QAM	1	0	19.7	19.8	19.9	5	20.7	18.9	18.7	18.9	0	19.5
		1	37	19.8	19.9	19.9	5	20.7	19.0	18.9	19.0	0	19.5
		1	74	19.8	20.0	20.0	5	20.7	19.0	19.0	19.0	0	19.5
		36	0	19.6	19.7	19.9	5	20.7	18.8	18.7	18.8	0	19.5
		36	20	19.7	19.8	19.9	5	20.7	18.8	18.8	18.9	0	19.5
		36	39	19.7	19.8	20.0	5	20.7	19.0	18.8	18.9	0	19.5
		75	0	19.7	19.8	19.9	5	20.7	18.9	18.8	18.9	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	Maximum Output Power	26090	26365	26590	MPR	Maximum Output Power
				1855 MHz	1882.5 MHz	1910 MHz			1860 MHz	1882.5 MHz	1905 MHz		
10	QPSK	1	0	25.4	25.5	25.6	0	25.7	18.8	18.8	18.7	0	19.5
		1	25	25.5	25.6	25.6	0	25.7	18.8	18.8	18.8	0	19.5
		1	49	25.5	25.5	25.6	0	25.7	18.8	18.8	18.7	0	19.5
		25	0	24.5	24.6	24.6	1	24.7	18.8	18.8	18.8	0	19.5
		25	12	24.6	24.6	24.6	1	24.7	18.9	18.9	18.8	0	19.5
		25	25	24.6	24.7	24.7	1	24.7	18.9	18.9	18.8	0	19.5
		50	0	24.5	24.6	24.6	1	24.7	18.9	18.9	18.8	0	19.5
	16QAM	1	0	24.7	24.7	24.7	1	24.7	19.0	19.0	19.0	0	19.5
		1	25	24.7	24.7	24.7	1	24.7	19.0	19.0	19.0	0	19.5
		1	49	24.7	24.7	24.7	1	24.7	19.0	19.0	19.0	0	19.5
		25	0	23.5	23.6	23.6	2	23.7	18.8	18.9	18.8	0	19.5
		25	12	23.6	23.7	23.6	2	23.7	18.9	19.0	18.9	0	19.5
		25	25	23.6	23.7	23.7	2	23.7	18.9	18.9	18.8	0	19.5
		50	0	23.6	23.6	23.6	2	23.7	18.8	18.9	18.8	0	19.5
	64QAM	1	0	22.9	23.0	23.1	2	23.7	19.0	19.0	19.2	0	19.5
		1	25	23.0	23.1	23.3	2	23.7	19.0	19.0	19.2	0	19.5
		1	49	23.0	23.1	23.3	2	23.7	19.0	19.0	19.2	0	19.5
		25	0	21.7	21.9	22.0	3	22.7	18.7	18.8	18.9	0	19.5
		25	12	21.8	22.0	22.1	3	22.7	18.8	18.9	19.0	0	19.5
		25	25	21.8	22.0	22.1	3	22.7	18.8	18.9	19.0	0	19.5
		50	0	21.8	22.0	22.1	3	22.7	18.8	18.9	19.0	0	19.5
	256QAM	1	0	19.9	20.0	20.1	5	20.7	18.8	19.0	19.0	0	19.5
		1	25	20.0	20.2	20.2	5	20.7	18.9	19.0	19.2	0	19.5
		1	49	19.9	20.2	20.2	5	20.7	18.9	19.0	19.2	0	19.5
		25	0	19.7	19.9	20.0	5	20.7	18.7	18.8	18.9	0	19.5
		25	12	19.8	20.0	20.1	5	20.7	18.8	18.9	19.0	0	19.5
		25	25	19.8	20.0	20.1	5	20.7	18.8	18.9	19.0	0	19.5
		50	0	19.8	20.0	20.1	5	20.7	18.8	18.9	19.0	0	19.5

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26065	26365	26665	MPR	Maximum Output Power	26065	26365	26590	MPR	Maximum Output Power
				1852.5 MHz	1882.5 MHz	1912.5 MHz			1860 MHz	1882.5 MHz	1905 MHz		
5	QPSK	1	0	25.4	25.5	25.6	0	25.7	18.8	18.7	18.7	0	19.5
		1	12	25.5	25.6	25.7	0	25.7	18.9	18.8	18.8	0	19.5
		1	24	25.5	25.5	25.6	0	25.7	18.8	18.7	18.7	0	19.5
		12	0	24.5	24.5	24.7	1	24.7	18.8	18.8	18.7	0	19.5
		12	7	24.6	24.6	24.7	1	24.7	18.8	18.9	18.8	0	19.5
		12	13	24.5	24.6	24.7	1	24.7	18.8	18.9	18.8	0	19.5
		25	0	24.5	24.5	24.6	1	24.7	18.8	18.8	18.8	0	19.5
	16QAM	1	0	24.7	24.7	24.7	1	24.7	19.0	19.0	19.0	0	19.5
		1	12	24.7	24.7	24.7	1	24.7	19.0	19.0	19.0	0	19.5
		1	24	24.7	24.7	24.7	1	24.7	19.0	19.0	19.0	0	19.5
		12	0	23.5	23.6	23.7	2	23.7	18.8	18.7	18.8	0	19.5
		12	7	23.5	23.6	23.7	2	23.7	18.9	18.8	18.9	0	19.5
		12	13	23.5	23.7	23.7	2	23.7	18.8	18.8	18.9	0	19.5
		25	0	23.6	23.6	23.7	2	23.7	18.9	18.8	18.8	0	19.5
	64QAM	1	0	22.9	23.1	23.3	2	23.7	18.9	19.0	19.0	0	19.5
		1	12	23.0	23.2	23.3	2	23.7	19.0	18.9	19.0	0	19.5
		1	24	23.0	23.1	23.3	2	23.7	19.0	18.9	19.0	0	19.5
		12	0	21.8	21.9	22.1	3	22.7	18.8	18.8	19.0	0	19.5
		12	7	21.8	22.0	22.1	3	22.7	18.8	18.9	19.0	0	19.5
		12	13	21.8	22.0	22.2	3	22.7	18.8	18.9	19.0	0	19.5
		25	0	21.8	21.9	22.0	3	22.7	18.8	18.9	19.0	0	19.5
	256QAM	1	0	19.8	20.0	20.2	5	20.7	18.7	18.9	18.9	0	19.5
		1	12	19.9	20.1	20.3	5	20.7	18.8	19.0	19.3	0	19.5
		1	24	19.9	20.1	20.3	5	20.7	18.8	19.0	19.2	0	19.5
		12	0	19.8	19.9	20.0	5	20.7	18.7	18.8	18.9	0	19.5
		12	7	19.8	20.0	20.1	5	20.7	18.8	19.0	18.9	0	19.5
		12	13	19.8	20.0	20.1	5	20.7	18.8	18.9	19.0	0	19.5
		25	0	19.8	19.9	20.0	5	20.7	18.7	18.9	19.0	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	Maximum Output Power	26055	26365	26590	MPR	Maximum Output Power
				1851.5 MHz	1882.5 MHz	1913.5 MHz			1860 MHz	1882.5 MHz	1905 MHz		
3	QPSK	1	0	25.4	25.4	25.6	0	25.7	18.7	18.7	18.7	0	19.5
		1	8	25.6	25.6	25.7	0	25.7	18.8	18.8	18.8	0	19.5
		1	14	25.4	25.5	25.6	0	25.7	18.7	18.7	18.7	0	19.5
		8	0	24.5	24.5	24.6	1	24.7	18.8	18.8	18.8	0	19.5
		8	4	24.5	24.6	24.6	1	24.7	18.8	18.9	18.8	0	19.5
		8	7	24.5	24.6	24.7	1	24.7	18.8	18.9	18.8	0	19.5
		15	0	24.5	24.5	24.6	1	24.7	18.8	18.8	18.8	0	19.5
	16QAM	1	0	24.7	24.7	24.7	1	24.7	19.0	19.0	19.0	0	19.5
		1	8	24.7	24.7	24.7	1	24.7	19.0	19.0	19.0	0	19.5
		1	14	24.7	24.7	24.7	1	24.7	19.0	19.0	19.0	0	19.5
		8	0	23.6	23.6	23.7	2	23.7	18.9	18.9	18.9	0	19.5
		8	4	23.6	23.6	23.7	2	23.7	18.9	19.0	18.9	0	19.5
		8	7	23.6	23.7	23.7	2	23.7	18.9	19.0	18.9	0	19.5
		15	0	23.6	23.6	23.6	2	23.7	18.8	18.9	18.8	0	19.5
	64QAM	1	0	22.9	23.0	23.3	2	23.7	19.0	18.9	19.0	0	19.5
		1	8	22.9	23.0	23.3	2	23.7	19.0	19.0	18.9	0	19.5
		1	14	22.8	23.0	23.2	2	23.7	19.0	18.9	19.0	0	19.5
		8	0	21.8	21.9	22.1	3	22.7	18.7	18.9	19.0	0	19.5
		8	4	21.8	21.9	22.2	3	22.7	18.8	19.0	18.9	0	19.5
		8	7	21.8	21.9	22.2	3	22.7	18.8	19.0	19.0	0	19.5
		15	0	21.8	21.9	22.1	3	22.7	18.8	18.9	19.0	0	19.5
	256QAM	1	0	19.7	20.1	20.1	5	20.7	18.8	19.0	19.0	0	19.5
		1	8	20.0	20.2	20.2	5	20.7	18.9	19.0	19.0	0	19.5
		1	14	19.9	20.1	20.1	5	20.7	18.8	19.0	19.0	0	19.5
		8	0	19.8	19.9	20.1	5	20.7	18.8	18.9	19.0	0	19.5
		8	4	19.8	20.0	20.2	5	20.7	18.8	19.0	19.0	0	19.5
		8	7	19.8	20.0	20.2	5	20.7	18.8	19.0	18.9	0	19.5
		15	0	19.8	19.9	20.1	5	20.7	18.8	18.9	19.0	0	19.5

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26047	26365	26683	MPR	Maximum Output Power	26047	26365	26590	MPR	Maximum Output Power
				1850.7 MHz	1882.5 MHz	1914.3 MHz			1860 MHz	1882.5 MHz	1905 MHz		
1.4	QPSK	1	0	25.5	25.6	25.6	0	25.7	18.8	18.8	18.8	0	19.5
		1	3	25.5	25.6	25.6	0	25.7	18.8	18.8	18.8	0	19.5
		1	5	25.5	25.5	25.6	0	25.7	18.8	18.8	18.7	0	19.5
		3	0	25.6	25.6	25.6	0	25.7	18.8	18.8	18.8	0	19.5
		3	1	25.5	25.6	25.6	0	25.7	18.8	18.8	18.8	0	19.5
		3	3	25.6	25.6	25.7	0	25.7	18.8	18.8	18.8	0	19.5
		6	0	24.5	24.6	24.6	1	24.7	18.8	18.8	18.8	0	19.5
	16QAM	1	0	24.7	24.7	24.7	1	24.7	19.0	18.9	19.0	0	19.5
		1	3	24.7	24.7	24.7	1	24.7	19.0	19.0	19.0	0	19.5
		1	5	24.7	24.7	24.7	1	24.7	19.0	19.0	19.0	0	19.5
		3	0	24.6	24.7	24.7	1	24.7	18.9	18.9	18.9	0	19.5
		3	1	24.7	24.7	24.7	1	24.7	18.9	18.9	18.9	0	19.5
		3	3	24.6	24.7	24.7	1	24.7	19.0	19.0	18.9	0	19.5
		6	0	23.6	23.6	23.7	2	23.7	18.9	18.9	18.8	0	19.5
	64QAM	1	0	23.0	23.0	23.2	2	23.7	18.9	18.9	19.0	0	19.5
		1	3	22.9	22.9	23.5	2	23.7	19.0	19.0	19.0	0	19.5
		1	5	23.0	23.3	23.5	2	23.7	19.0	18.9	19.0	0	19.5
		3	0	22.7	23.2	23.1	2	23.7	18.7	18.9	18.9	0	19.5
		3	1	22.7	23.2	23.1	2	23.7	18.7	18.9	19.0	0	19.5
		3	3	22.7	23.2	23.1	2	23.7	18.7	18.9	19.0	0	19.5
		6	0	21.8	21.9	22.1	3	22.7	18.7	18.9	19.0	0	19.5
	256QAM	1	0	19.9	20.0	20.1	5	20.7	18.7	19.0	19.0	0	19.5
		1	3	19.9	20.0	20.2	5	20.7	18.8	19.0	19.0	0	19.5
		1	5	19.9	20.0	20.2	5	20.7	18.8	18.9	19.0	0	19.5
		3	0	19.7	20.0	20.0	5	20.7	18.7	18.9	19.0	0	19.5
		3	1	19.7	20.0	20.1	5	20.7	18.7	18.9	19.0	0	19.5
		3	3	19.7	20.0	20.2	5	20.7	18.7	18.9	19.0	0	19.5
		6	0	19.8	19.9	19.9	5	20.7	18.8	18.8	18.8	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	Maximum Output Power	26140	26365	26590	MPR	Maximum Output Power
				1860 MHz	1882.5 MHz	1905 MHz			1860 MHz	1882.5 MHz	1905 MHz		
20	QPSK	1	0	18.9	18.6	18.7	0	20.6	18.9	18.6	18.7	0	19.5
		1	49	19.0	18.8	18.8	0	20.6	19.0	18.8	18.8	0	19.5
		1	99	18.8	18.7	18.8	0	20.6	18.8	18.7	18.8	0	19.5
		50	0	19.0	18.7	18.8	0	20.6	19.0	18.7	18.8	0	19.5
		50	24	19.0	18.9	19.0	0	20.6	19.0	18.9	19.0	0	19.5
		50	50	18.9	18.8	18.9	0	20.6	18.9	18.8	18.9	0	19.5
		100	0	18.9	18.9	18.8	0	20.6	18.9	18.9	18.8	0	19.5
	16QAM	1	0	19.0	18.9	19.0	0	20.6	19.0	18.9	19.0	0	19.5
		1	49	19.0	19.0	19.1	0	20.6	19.0	19.0	19.1	0	19.5
		1	99	18.9	18.9	19.1	0	20.6	18.9	18.9	19.1	0	19.5
		50	0	18.9	18.7	18.8	0	20.6	18.9	18.7	18.8	0	19.5
		50	24	18.8	18.8	19.0	0	20.6	18.8	18.8	19.0	0	19.5
		50	50	18.7	18.8	19.0	0	20.6	18.7	18.8	19.0	0	19.5
		100	0	18.7	18.8	18.9	0	20.6	18.7	18.8	18.9	0	19.5
	64QAM	1	0	18.9	19.1	18.9	0	20.6	18.9	19.1	18.9	0	19.5
		1	49	19.0	19.2	19.0	0	20.6	19.0	19.2	19.0	0	19.5
		1	99	18.9	19.1	19.0	0	20.6	18.9	19.1	19.0	0	19.5
		50	0	18.9	18.7	18.8	0.2	20.4	18.9	18.7	18.8	0	19.5
		50	24	18.8	18.8	18.9	0.2	20.4	18.8	18.8	18.9	0	19.5
		50	50	18.7	18.8	18.9	0.2	20.4	18.7	18.8	18.9	0	19.5
		100	0	18.8	18.8	18.9	0.2	20.4	18.8	18.8	18.9	0	19.5
	256QAM	1	0	17.6	17.5	17.5	2.2	18.4	17.6	17.5	17.5	1.1	18.4
		1	49	17.5	17.5	17.6	2.2	18.4	17.5	17.5	17.6	1.1	18.4
		1	99	17.5	17.6	17.7	2.2	18.4	17.5	17.6	17.7	1.1	18.4
		50	0	17.4	17.3	17.4	2.2	18.4	17.4	17.3	17.4	1.1	18.4
		50	24	17.4	17.4	17.5	2.2	18.4	17.4	17.4	17.5	1.1	18.4
		50	50	17.3	17.4	17.5	2.2	18.4	17.3	17.4	17.5	1.1	18.4
		100	0	17.3	17.4	17.5	2.2	18.4	17.3	17.4	17.5	1.1	18.4

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26115	26365	26615	MPR	Maximum Output Power	26115	26365	26590	MPR	Maximum Output Power
				1857.5 MHz	1882.5 MHz	1907.5 MHz			1860 MHz	1882.5 MHz	1905 MHz		
15	QPSK	1	0	18.7	18.7	18.7	0	20.6	18.7	18.7	18.6	0	19.5
		1	37	18.7	18.7	18.8	0	20.6	18.7	18.7	18.8	0	19.5
		1	74	18.7	18.7	18.8	0	20.6	18.7	18.7	18.7	0	19.5
		36	0	18.9	18.9	18.9	0	20.6	18.9	18.9	18.8	0	19.5
		36	20	18.8	18.8	19.0	0	20.6	18.8	18.8	18.8	0	19.5
		36	39	18.8	18.8	19.0	0	20.6	18.8	18.8	18.9	0	19.5
		75	0	18.8	18.8	19.0	0	20.6	18.8	18.8	18.9	0	19.5
	16QAM	1	0	19.0	19.0	19.1	0	20.6	19.0	19.0	19.0	0	19.5
		1	37	19.2	19.2	19.4	0	20.6	19.2	19.2	19.3	0	19.5
		1	74	19.1	19.1	19.2	0	20.6	19.1	19.1	19.2	0	19.5
		36	0	18.9	18.9	18.9	0	20.6	18.9	18.9	18.8	0	19.5
		36	20	18.8	18.8	19.0	0	20.6	18.8	18.8	18.9	0	19.5
		36	39	18.8	18.8	19.0	0	20.6	18.8	18.8	18.9	0	19.5
		75	0	18.8	18.8	19.0	0	20.6	18.8	18.8	18.9	0	19.5
	64QAM	1	0	19.0	19.0	19.0	0	20.6	19.0	19.0	18.9	0	19.5
		1	37	19.0	19.0	19.1	0	20.6	19.0	19.0	18.9	0	19.5
		1	74	19.0	19.0	19.1	0	20.6	19.0	19.0	18.9	0	19.5
		36	0	18.9	18.9	18.9	0.2	20.4	18.9	18.9	18.8	0	19.5
		36	20	18.8	18.8	18.9	0.2	20.4	18.8	18.8	18.9	0	19.5
		36	39	18.8	18.8	18.9	0.2	20.4	18.8	18.8	18.9	0	19.5
		75	0	18.8	18.8	19.0	0.2	20.4	18.8	18.8	18.9	0	19.5
	256QAM	1	0	17.5	17.5	17.3	2.2	18.4	17.5	17.5	17.3	1.1	18.4
		1	37	17.4	17.4	17.4	2.2	18.4	17.4	17.4	17.4	1.1	18.4
		1	74	17.4	17.4	17.5	2.2	18.4	17.4	17.4	17.5	1.1	18.4
		36	0	17.4	17.4	17.4	2.2	18.4	17.4	17.4	17.4	1.1	18.4
		36	20	17.4	17.4	17.5	2.2	18.4	17.4	17.4	17.5	1.1	18.4
		36	39	17.4	17.4	17.5	2.2	18.4	17.4	17.4	17.5	1.1	18.4
		75	0	17.4	17.4	17.5	2.2	18.4	17.4	17.4	17.5	1.1	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	Maximum Output Power	26090	26365	26590	MPR	Maximum Output Power
				1855 MHz	1882.5 MHz	1910 MHz			1860 MHz	1882.5 MHz	1905 MHz		
10	QPSK	1	0	18.9	18.8	18.9	0	20.6	18.9	18.8	18.9	0	19.5
		1	25	19.0	18.9	19.0	0	20.6	19.0	18.9	18.9	0	19.5
		1	49	18.9	18.9	19.0	0	20.6	18.9	18.9	18.9	0	19.5
		25	0	19.0	18.8	19.0	0	20.6	19.0	18.8	18.9	0	19.5
		25	12	19.0	18.9	19.1	0	20.6	19.0	18.9	19.0	0	19.5
		25	25	18.9	19.0	19.1	0	20.6	18.9	19.0	19.0	0	19.5
		50	0	19.0	18.9	19.1	0	20.6	19.0	18.9	19.0	0	19.5
	16QAM	1	0	19.2	19.1	19.2	0	20.6	19.2	19.1	19.1	0	19.5
		1	25	19.1	19.1	19.2	0	20.6	19.1	19.1	19.1	0	19.5
		1	49	19.1	19.1	19.3	0	20.6	19.1	19.1	19.1	0	19.5
		25	0	19.0	18.9	19.0	0	20.6	19.0	18.9	18.9	0	19.5
		25	12	19.0	18.9	19.1	0	20.6	19.0	18.9	19.0	0	19.5
		25	25	18.9	19.0	19.1	0	20.6	18.9	19.0	19.1	0	19.5
		50	0	19.0	18.9	19.1	0	20.6	19.0	18.9	19.0	0	19.5
	64QAM	1	0	19.0	19.1	19.3	0	20.6	19.0	19.1	19.1	0	19.5
		1	25	19.1	19.2	19.4	0	20.6	19.1	19.2	19.2	0	19.5
		1	49	19.0	19.1	19.3	0	20.6	19.0	19.1	19.1	0	19.5
		25	0	19.0	18.8	19.0	0.2	20.4	19.0	18.8	18.9	0	19.5
		25	12	19.0	18.9	19.1	0.2	20.4	19.0	18.9	19.0	0	19.5
		25	25	18.9	18.9	19.1	0.2	20.4	18.9	18.9	19.0	0	19.5
		50	0	19.0	18.9	19.1	0.2	20.4	19.0	18.9	19.0	0	19.5
	256QAM	1	0	17.7	17.6	17.7	2.2	18.4	17.7	17.6	17.6	1.1	18.4
		1	25	17.7	17.7	17.9	2.2	18.4	17.7	17.7	17.7	1.1	18.4
		1	49	17.6	17.7	17.9	2.2	18.4	17.6	17.7	17.7	1.1	18.4
		25	0	17.6	17.4	17.6	2.2	18.4	17.6	17.4	17.5	1.1	18.4
		25	12	17.6	17.5	17.7	2.2	18.4	17.6	17.5	17.6	1.1	18.4
		25	25	17.5	17.6	17.7	2.2	18.4	17.5	17.6	17.6	1.1	18.4
		50	0	17.6	17.5	17.7	2.2	18.4	17.6	17.5	17.6	1.1	18.4

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26065	26365	26665	MPR	Maximum Output Power	26065	26365	26590	MPR	Maximum Output Power
				1852.5 MHz	1882.5 MHz	1912.5 MHz			1860 MHz	1882.5 MHz	1905 MHz		
5	QPSK	1	0	18.9	18.7	18.9	0	20.6	18.9	18.7	18.8	0	19.5
		1	12	19.0	18.9	19.1	0	20.6	19.0	18.9	18.9	0	19.5
		1	24	18.9	18.8	19.0	0	20.6	18.9	18.8	18.9	0	19.5
		12	0	19.0	18.8	19.0	0	20.6	19.0	18.8	19.0	0	19.5
		12	7	19.0	18.9	19.1	0	20.6	19.0	18.9	19.0	0	19.5
		12	13	19.0	18.9	19.1	0	20.6	19.0	18.9	19.0	0	19.5
		25	0	19.0	18.8	19.1	0	20.6	19.0	18.8	19.0	0	19.5
	16QAM	1	0	19.3	19.1	19.3	0	20.6	19.3	19.1	19.3	0	19.5
		1	12	19.3	19.2	19.5	0	20.6	19.3	19.2	19.3	0	19.5
		1	24	19.2	19.2	19.4	0	20.6	19.2	19.2	19.3	0	19.5
		12	0	19.0	18.8	19.1	0	20.6	19.0	18.8	18.9	0	19.5
		12	7	19.0	18.9	19.2	0	20.6	19.0	18.9	18.9	0	19.5
		12	13	19.0	18.9	19.2	0	20.6	19.0	18.9	18.9	0	19.5
		25	0	19.0	18.8	19.1	0	20.6	19.0	18.8	19.0	0	19.5
	64QAM	1	0	19.1	19.2	19.1	0	20.6	19.1	19.2	19.2	0	19.5
		1	12	19.1	19.3	19.1	0	20.6	19.1	19.3	19.2	0	19.5
		1	24	19.0	19.3	19.2	0	20.6	19.0	19.3	19.2	0	19.5
		12	0	19.0	18.8	19.0	0.2	20.4	19.0	18.8	19.0	0	19.5
		12	7	19.0	18.9	19.1	0.2	20.4	19.0	18.9	19.0	0	19.5
		12	13	19.0	18.9	19.1	0.2	20.4	19.0	18.9	19.0	0	19.5
		25	0	19.0	18.8	19.1	0.2	20.4	19.0	18.8	19.0	0	19.5
	256QAM	1	0	17.6	17.5	17.7	2.2	18.4	17.6	17.5	17.6	1.1	18.4
		1	12	17.7	17.7	17.9	2.2	18.4	17.7	17.7	17.8	1.1	18.4
		1	24	17.6	17.6	17.8	2.2	18.4	17.6	17.6	17.7	1.1	18.4
		12	0	17.6	17.4	17.6	2.2	18.4	17.6	17.4	17.6	1.1	18.4
		12	7	17.6	17.5	17.7	2.2	18.4	17.6	17.5	17.6	1.1	18.4
		12	13	17.6	17.5	17.7	2.2	18.4	17.6	17.5	17.6	1.1	18.4
		25	0	17.6	17.4	17.7	2.2	18.4	17.6	17.4	17.6	1.1	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	Maximum Output Power	26055	26365	26590	MPR	Maximum Output Power
				1851.5 MHz	1882.5 MHz	1913.5 MHz			1860 MHz	1882.5 MHz	1905 MHz		
3	QPSK	1	0	18.9	18.7	19.0	0	20.6	18.9	18.7	18.9	0	19.5
		1	8	19.0	18.9	19.0	0	20.6	19.0	18.9	18.9	0	19.5
		1	14	18.8	18.8	19.0	0	20.6	18.8	18.8	18.9	0	19.5
		8	0	19.0	18.8	19.1	0	20.6	19.0	18.8	19.0	0	19.5
		8	4	18.9	18.9	19.1	0	20.6	18.9	18.9	19.0	0	19.5
		8	7	18.9	18.9	19.1	0	20.6	18.9	18.9	19.0	0	19.5
		15	0	18.9	18.8	19.0	0	20.6	18.9	18.8	19.0	0	19.5
	16QAM	1	0	19.2	19.1	19.3	0	20.6	19.2	19.1	19.2	0	19.5
		1	8	19.3	19.2	19.3	0	20.6	19.3	19.2	19.2	0	19.5
		1	14	19.2	19.1	19.3	0	20.6	19.2	19.1	19.2	0	19.5
		8	0	19.0	18.9	19.1	0	20.6	19.0	18.9	19.0	0	19.5
		8	4	19.0	19.0	19.1	0	20.6	19.0	19.0	19.0	0	19.5
		8	7	19.0	19.0	19.1	0	20.6	19.0	19.0	19.0	0	19.5
		15	0	18.9	18.8	19.1	0	20.6	18.9	18.8	19.0	0	19.5
	64QAM	1	0	19.0	19.1	19.1	0	20.6	19.0	19.1	19.3	0	19.5
		1	8	19.2	19.2	19.2	0	20.6	19.2	19.2	19.3	0	19.5
		1	14	19.1	19.1	19.1	0	20.6	19.1	19.1	19.1	0	19.5
		8	0	19.0	18.7	19.1	0.2	20.4	19.0	18.7	19.0	0	19.5
		8	4	18.9	18.9	19.1	0.2	20.4	18.9	18.9	19.0	0	19.5
		8	7	18.9	18.9	19.1	0.2	20.4	18.9	18.9	19.0	0	19.5
		15	0	18.9	18.8	19.1	0.2	20.4	18.9	18.8	19.0	0	19.5
	256QAM	1	0	17.6	17.4	17.7	2.2	18.4	17.6	17.4	17.7	1.1	18.4
		1	8	17.7	17.6	17.9	2.2	18.4	17.7	17.6	17.7	1.1	18.4
		1	14	17.6	17.5	17.7	2.2	18.4	17.6	17.5	17.6	1.1	18.4
		8	0	17.6	17.5	17.7	2.2	18.4	17.6	17.5	17.6	1.1	18.4
		8	4	17.6	17.5	17.7	2.2	18.4	17.6	17.5	17.6	1.1	18.4
		8	7	17.6	17.6	17.7	2.2	18.4	17.6	17.6	17.6	1.1	18.4
		15	0	17.5	17.4	17.7	2.2	18.4	17.5	17.4	17.6	1.1	18.4

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26047	26365	26683	MPR	Maximum Output Power	26047	26365	26590	MPR	Maximum Output Power
				1850.7 MHz	1882.5 MHz	1914.3 MHz			1860 MHz	1882.5 MHz	1905 MHz		
1.4	QPSK	1	0	18.9	18.7	19.0	0	20.6	18.9	18.7	18.9	0	19.5
		1	3	19.0	18.9	19.0	0	20.6	19.0	18.9	18.9	0	19.5
		1	5	19.0	18.8	19.0	0	20.6	19.0	18.8	18.9	0	19.5
		3	0	19.0	18.8	19.1	0	20.6	19.0	18.8	19.0	0	19.5
		3	1	19.0	18.9	19.1	0	20.6	19.0	18.9	19.0	0	19.5
		3	3	19.0	18.9	19.1	0	20.6	19.0	18.9	19.0	0	19.5
		6	0	19.0	18.8	19.0	0	20.6	19.0	18.8	18.9	0	19.5
	16QAM	1	0	19.3	19.1	19.3	0	20.6	19.3	19.1	19.1	0	19.5
		1	3	19.3	19.2	19.3	0	20.6	19.3	19.2	19.1	0	19.5
		1	5	19.3	19.1	19.3	0	20.6	19.3	19.2	19.1	0	19.5
		3	0	19.1	18.9	19.1	0	20.6	19.1	18.8	19.0	0	19.5
		3	1	19.1	19.0	19.1	0	20.6	19.1	18.9	19.1	0	19.5
		3	3	19.1	19.0	19.1	0	20.6	19.1	18.9	19.0	0	19.5
		6	0	19.1	18.8	19.1	0	20.6	19.1	18.8	19.0	0	19.5
	64QAM	1	0	19.0	18.9	19.3	0	20.6	19.0	18.9	18.8	0	19.5
		1	3	19.0	19.0	19.3	0	20.6	19.0	19.0	19.0	0	19.5
		1	5	19.0	19.0	19.3	0	20.6	19.0	19.0	19.1	0	19.5
		3	0	19.2	19.1	19.1	0	20.6	19.2	19.1	19.1	0	19.5
		3	1	19.2	19.1	19.1	0	20.6	19.2	19.1	19.1	0	19.5
		3	3	19.2	19.1	20.6	0	20.6	19.2	19.1	19.1	0	19.5
		6	0	19.0	18.9	19.6	0.2	20.4	19.0	18.9	19.0	0	19.5
	256QAM	1	0	17.7	17.5	17.7	2.2	18.4	17.7	17.5	17.7	1.1	18.4
		1	3	17.7	17.6	17.8	2.2	18.4	17.7	17.6	17.7	1.1	18.4
		1	5	17.7	17.5	17.8	2.2	18.4	17.7	17.5	17.7	1.1	18.4
		3	0	17.6	17.5	17.7	2.2	18.4	17.6	17.5	17.6	1.1	18.4
		3	1	17.7	17.5	17.7	2.2	18.4	17.7	17.5	17.6	1.1	18.4
		3	3	17.7	17.5	17.7	2.2	18.4	17.7	17.5	17.6	1.1	18.4
		6	0	17.7	17.7	17.6	2.2	18.4	17.7	17.7	17.4	1.1	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	Maximum Output Power	26140	26365	26590	MPR	Maximum Output Power
				1860 MHz	1882.5 MHz	1905 MHz			1860 MHz	1882.5 MHz	1905 MHz		
20	QPSK	1	0	23.1	23.3	23.2	0	23.3	21.7	21.7	21.7	0	21.9
		1	49	23.2	23.3	23.2	0	23.3	21.7	21.8	21.8	0	21.9
		1	99	23.2	23.2	23.1	0	23.3	21.6	21.6	21.6	0	21.9
		50	0	23.2	23.3	23.3	0	23.3	21.7	21.9	21.8	0	21.9
		50	24	23.3	23.3	23.3	0	23.3	21.8	21.9	21.8	0	21.9
		50	50	23.3	23.3	23.3	0	23.3	21.8	21.8	21.7	0	21.9
		100	0	23.3	23.3	23.3	0	23.3	21.8	21.8	21.8	0	21.9
	16QAM	1	0	23.3	23.3	23.3	0	23.3	21.9	21.9	21.9	0	21.9
		1	49	23.3	23.3	23.3	0	23.3	21.9	21.9	21.9	0	21.9
		1	99	23.3	23.3	23.3	0	23.3	21.9	21.9	21.9	0	21.9
		50	0	23.3	23.3	23.3	0	23.3	21.7	21.9	21.8	0	21.9
		50	24	23.3	23.3	23.3	0	23.3	21.8	21.9	21.8	0	21.9
		50	50	23.3	23.3	23.3	0	23.3	21.8	21.8	21.7	0	21.9
		100	0	23.3	23.3	23.3	0	23.3	21.8	21.8	21.8	0	21.9
	64QAM	1	0	23.3	23.3	23.2	0	23.3	21.8	21.9	21.8	0	21.9
		1	49	23.2	23.2	23.3	0	23.3	21.9	21.8	21.8	0	21.9
		1	99	23.3	23.2	23.2	0	23.3	21.8	21.8	21.8	0	21.9
		50	0	22.4	22.4	22.4	0.8	22.5	21.8	21.8	21.8	0	21.9
		50	24	22.4	22.4	22.5	0.8	22.5	21.9	21.9	21.8	0	21.9
		50	50	22.5	22.5	22.4	0.8	22.5	21.8	21.8	21.8	0	21.9
		100	0	22.5	22.5	22.5	0.8	22.5	21.8	21.8	21.8	0	21.9
	256QAM	1	0	20.4	20.5	20.5	2.8	20.5	20.5	20.4	20.4	1.4	20.5
		1	49	20.4	20.4	20.5	2.8	20.5	20.4	20.5	20.5	1.4	20.5
		1	99	20.5	20.4	20.4	2.8	20.5	20.4	20.4	20.4	1.4	20.5
		50	0	20.4	20.5	20.4	2.8	20.5	20.4	20.4	20.5	1.4	20.5
		50	24	20.4	20.4	20.4	2.8	20.5	20.4	20.5	20.5	1.4	20.5
		50	50	20.4	20.5	20.5	2.8	20.5	20.4	20.4	20.5	1.4	20.5
		100	0	20.4	20.5	20.4	2.8	20.5	20.4	20.4	20.4	1.4	20.5

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26115	26365	26615	MPR	Maximum Output Power	26115	26365	26590	MPR	Maximum Output Power
				1857.5 MHz	1882.5 MHz	1907.5 MHz			1860 MHz	1882.5 MHz	1905 MHz		
15	QPSK	1	0	23.1	23.3	23.2	0	23.3	21.6	21.9	21.6	0	21.9
		1	37	23.1	23.3	23.2	0	23.3	21.7	21.9	21.6	0	21.9
		1	74	23.2	23.3	23.0	0	23.3	21.7	21.8	21.5	0	21.9
		36	0	23.2	23.3	23.3	0	23.3	21.7	21.9	21.8	0	21.9
		36	20	23.3	23.3	23.3	0	23.3	21.8	21.9	21.8	0	21.9
		36	39	23.3	23.3	23.3	0	23.3	21.8	21.9	21.7	0	21.9
		75	0	23.3	23.3	23.3	0	23.3	21.8	21.9	21.8	0	21.9
	16QAM	1	0	23.3	23.3	23.3	0	23.3	21.9	21.9	21.9	0	21.9
		1	37	23.3	23.3	23.3	0	23.3	21.9	21.9	21.9	0	21.9
		1	74	23.3	23.3	23.3	0	23.3	21.9	21.9	21.8	0	21.9
		36	0	23.3	23.3	23.3	0	23.3	21.7	21.9	21.8	0	21.9
		36	20	23.3	23.3	23.3	0	23.3	21.8	21.9	21.8	0	21.9
		36	39	23.3	23.3	23.3	0	23.3	21.8	21.8	21.7	0	21.9
		75	0	23.3	23.3	23.3	0	23.3	21.8	21.9	21.7	0	21.9
	64QAM	1	0	23.2	23.2	23.3	0	23.3	21.9	21.8	21.8	0	21.9
		1	37	23.3	23.2	23.2	0	23.3	21.8	21.8	21.8	0	21.9
		1	74	23.2	23.2	23.2	0	23.3	21.8	21.8	21.8	0	21.9
		36	0	22.4	22.4	22.5	0.8	22.5	21.8	21.8	21.8	0	21.9
		36	20	22.4	22.4	22.4	0.8	22.5	21.9	21.8	21.9	0	21.9
		36	39	22.4	22.5	22.5	0.8	22.5	21.8	21.8	21.9	0	21.9
		75	0	22.4	22.4	22.5	0.8	22.5	21.8	21.8	21.9	0	21.9
	256QAM	1	0	20.4	20.4	20.4	2.8	20.5	20.5	20.4	20.4	1.4	20.5
		1	37	20.4	20.4	20.5	2.8	20.5	20.4	20.5	20.4	1.4	20.5
		1	74	20.4	20.5	20.4	2.8	20.5	20.5	20.5	20.4	1.4	20.5
		36	0	20.4	20.5	20.5	2.8	20.5	20.4	20.4	20.5	1.4	20.5
		36	20	20.4	20.4	20.4	2.8	20.5	20.5	20.5	20.4	1.4	20.5
		36	39	20.4	20.5	20.4	2.8	20.5	20.5	20.4	20.4	1.4	20.5
		75	0	20.4	20.4	20.5	2.8	20.5	20.4	20.4	20.4	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	Maximum Output Power	26090	26365	26590	MPR	Maximum Output Power
				1855 MHz	1882.5 MHz	1910 MHz			1860 MHz	1882.5 MHz	1905 MHz		
10	QPSK	1	0	23.3	23.3	23.3	0	23.3	21.8	21.9	21.8	0	21.9
		1	25	23.3	23.3	23.3	0	23.3	21.9	21.9	21.8	0	21.9
		1	49	23.3	23.3	23.3	0	23.3	21.8	21.9	21.8	0	21.9
		25	0	23.3	23.3	23.3	0	23.3	21.8	21.9	21.9	0	21.9
		25	12	23.3	23.3	23.3	0	23.3	21.9	21.9	21.9	0	21.9
		25	25	23.3	23.3	23.3	0	23.3	21.9	21.9	21.9	0	21.9
		50	0	23.3	23.3	23.3	0	23.3	21.9	21.9	21.9	0	21.9
	16QAM	1	0	23.3	23.3	23.3	0	23.3	21.9	21.9	21.9	0	21.9
		1	25	23.3	23.3	23.3	0	23.3	21.9	21.9	21.9	0	21.9
		1	49	23.3	23.3	23.3	0	23.3	21.9	21.9	21.9	0	21.9
		25	0	23.3	23.3	23.3	0	23.3	21.8	21.9	21.9	0	21.9
		25	12	23.3	23.3	23.3	0	23.3	21.9	21.9	21.9	0	21.9
		25	25	23.3	23.3	23.3	0	23.3	21.9	21.9	21.9	0	21.9
		50	0	23.3	23.3	23.3	0	23.3	21.9	21.9	21.9	0	21.9
	64QAM	1	0	23.2	23.2	23.2	0	23.3	21.8	21.8	21.9	0	21.9
		1	25	23.2	23.3	23.2	0	23.3	21.8	21.8	21.8	0	21.9
		1	49	23.3	23.2	23.3	0	23.3	21.8	21.8	21.9	0	21.9
		25	0	22.5	22.5	22.4	0.8	22.5	21.9	21.9	21.9	0	21.9
		25	12	22.4	22.4	22.4	0.8	22.5	21.8	21.8	21.9	0	21.9
		25	25	22.4	22.4	22.5	0.8	22.5	21.8	21.9	21.8	0	21.9
		50	0	22.4	22.4	22.4	0.8	22.5	21.9	21.9	21.8	0	21.9
	256QAM	1	0	20.4	20.5	20.4	2.8	20.5	20.5	20.5	20.4	1.4	20.5
		1	25	20.4	20.4	20.4	2.8	20.5	20.5	20.4	20.5	1.4	20.5
		1	49	20.4	20.5	20.5	2.8	20.5	20.4	20.4	20.4	1.4	20.5
		25	0	20.4	20.4	20.4	2.8	20.5	20.5	20.5	20.5	1.4	20.5
		25	12	20.4	20.4	20.4	2.8	20.5	20.4	20.5	20.4	1.4	20.5
		25	25	20.4	20.4	20.5	2.8	20.5	20.4	20.4	20.4	1.4	20.5
		50	0	20.5	20.5	20.4	2.8	20.5	20.4	20.4	20.4	1.4	20.5

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26065	26365	26665	MPR	Maximum Output Power	26065	26365	26590	MPR	Maximum Output Power
				1852.5 MHz	1882.5 MHz	1912.5 MHz			1860 MHz	1882.5 MHz	1905 MHz		
5	QPSK	1	0	23.2	23.3	23.3	0	23.3	21.7	21.9	21.8	0	21.9
		1	12	23.3	23.3	23.3	0	23.3	21.8	21.9	21.8	0	21.9
		1	24	23.3	23.3	23.3	0	23.3	21.8	21.9	21.7	0	21.9
		12	0	23.3	23.3	23.3	0	23.3	21.9	21.9	21.8	0	21.9
		12	7	23.3	23.3	23.3	0	23.3	21.9	21.9	21.9	0	21.9
		12	13	23.3	23.3	23.3	0	23.3	21.9	21.9	21.8	0	21.9
		25	0	23.3	23.3	23.3	0	23.3	21.9	21.9	21.8	0	21.9
	16QAM	1	0	23.3	23.3	23.3	0	23.3	21.9	21.9	21.9	0	21.9
		1	12	23.3	23.3	23.3	0	23.3	21.9	21.9	21.9	0	21.9
		1	24	23.3	23.3	23.3	0	23.3	21.9	21.9	21.9	0	21.9
		12	0	23.3	23.3	23.3	0	23.3	21.8	21.9	21.9	0	21.9
		12	7	23.3	23.3	23.3	0	23.3	21.8	21.9	21.9	0	21.9
		12	13	23.3	23.3	23.3	0	23.3	21.8	21.9	21.9	0	21.9
		25	0	23.3	23.3	23.3	0	23.3	21.9	21.9	21.8	0	21.9
	64QAM	1	0	23.3	23.2	23.3	0	23.3	21.8	21.8	21.8	0	21.9
		1	12	23.2	23.3	23.2	0	23.3	21.8	21.8	21.8	0	21.9
		1	24	23.2	23.2	23.2	0	23.3	21.9	21.8	21.9	0	21.9
		12	0	22.4	22.5	22.5	0.8	22.5	21.9	21.8	21.9	0	21.9
		12	7	22.4	22.5	22.5	0.8	22.5	21.8	21.8	21.9	0	21.9
		12	13	22.4	22.5	22.5	0.8	22.5	21.8	21.8	21.9	0	21.9
		25	0	22.4	22.4	22.4	0.8	22.5	21.8	21.8	21.8	0	21.9
	256QAM	1	0	20.4	20.4	20.4	2.8	20.5	20.5	20.5	20.4	1.4	20.5
		1	12	20.5	20.5	20.4	2.8	20.5	20.4	20.4	20.4	1.4	20.5
		1	24	20.4	20.4	20.4	2.8	20.5	20.4	20.4	20.4	1.4	20.5
		12	0	20.5	20.4	20.5	2.8	20.5	20.4	20.4	20.5	1.4	20.5
		12	7	20.4	20.5	20.5	2.8	20.5	20.4	20.5	20.5	1.4	20.5
		12	13	20.4	20.5	20.4	2.8	20.5	20.4	20.5	20.5	1.4	20.5
		25	0	20.4	20.5	20.4	2.8	20.5	20.4	20.4	20.4	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	Maximum Output Power	26055	26365	26590	MPR	Maximum Output Power
				1851.5 MHz	1882.5 MHz	1913.5 MHz			1860 MHz	1882.5 MHz	1905 MHz		
3	QPSK	1	0	23.3	23.3	23.3	0	23.3	21.7	21.9	21.7	0	21.9
		1	8	23.3	23.3	23.3	0	23.3	21.8	21.9	21.8	0	21.9
		1	14	23.3	23.3	23.2	0	23.3	21.7	21.9	21.7	0	21.9
		8	0	23.3	23.3	23.3	0	23.3	21.8	21.9	21.8	0	21.9
		8	4	23.3	23.3	23.3	0	23.3	21.8	21.9	21.8	0	21.9
		8	7	23.3	23.3	23.3	0	23.3	21.8	21.9	21.8	0	21.9
		15	0	23.3	23.3	23.3	0	23.3	21.8	21.9	21.8	0	21.9
	16QAM	1	0	23.3	23.3	23.3	0	23.3	21.9	21.9	21.9	0	21.9
		1	8	23.3	23.3	23.3	0	23.3	21.9	21.9	21.9	0	21.9
		1	14	23.3	23.3	23.3	0	23.3	21.9	21.9	21.9	0	21.9
		8	0	23.3	23.3	23.3	0	23.3	21.9	21.9	21.9	0	21.9
		8	4	23.3	23.3	23.3	0	23.3	21.9	21.9	21.9	0	21.9
		8	7	23.3	23.3	23.3	0	23.3	21.9	21.9	21.9	0	21.9
		15	0	23.3	23.3	23.3	0	23.3	21.8	21.9	21.9	0	21.9
	64QAM	1	0	23.2	23.3	23.3	0	23.3	21.8	21.8	21.8	0	21.9
		1	8	23.3	23.2	23.2	0	23.3	21.8	21.8	21.9	0	21.9
		1	14	23.2	23.3	23.3	0	23.3	21.8	21.8	21.8	0	21.9
		8	0	22.4	22.5	22.4	0.8	22.5	21.8	21.8	21.8	0	21.9
		8	4	22.5	22.4	22.4	0.8	22.5	21.9	21.8	21.8	0	21.9
		8	7	22.5	22.4	22.4	0.8	22.5	21.8	21.9	21.8	0	21.9
		15	0	22.4	22.4	22.4	0.8	22.5	21.8	21.8	21.8	0	21.9
	256QAM	1	0	20.4	20.4	20.5	2.8	20.5	20.4	20.4	20.5	1.4	20.5
		1	8	20.4	20.4	20.4	2.8	20.5	20.4	20.4	20.4	1.4	20.5
		1	14	20.5	20.4	20.4	2.8	20.5	20.4	20.4	20.4	1.4	20.5
		8	0	20.5	20.5	20.4	2.8	20.5	20.4	20.4	20.4	1.4	20.5
		8	4	20.4	20.4	20.4	2.8	20.5	20.5	20.5	20.4	1.4	20.5
		8	7	20.4	20.5	20.5	2.8	20.5	20.5	20.4	20.5	1.4	20.5
		15	0	20.4	20.4	20.4	2.8	20.5	20.4	20.4	20.4	1.4	20.5

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26047	26365	26683	MPR	Maximum Output Power	26047	26365	26590	MPR	Maximum Output Power
				1850.7 MHz	1882.5 MHz	1914.3 MHz			1860 MHz	1882.5 MHz	1905 MHz		
1.4	QPSK	1	0	23.3	23.3	23.3	0	23.3	21.8	21.9	21.8	0	21.9
		1	3	23.3	23.3	23.3	0	23.3	21.8	21.9	21.8	0	21.9
		1	5	23.3	23.3	23.3	0	23.3	21.8	21.9	21.7	0	21.9
		3	0	23.3	23.3	23.3	0	23.3	21.8	21.9	21.8	0	21.9
		3	1	23.3	23.3	23.3	0	23.3	21.9	21.9	21.8	0	21.9
		3	3	23.3	23.3	23.3	0	23.3	21.8	21.9	21.8	0	21.9
		6	0	23.3	23.3	23.3	0	23.3	21.8	21.9	21.8	0	21.9
	16QAM	1	0	23.3	23.3	23.3	0	23.3	21.9	21.9	21.9	0	21.9
		1	3	23.3	23.3	23.3	0	23.3	21.9	21.9	21.9	0	21.9
		1	5	23.3	23.3	23.3	0	23.3	21.9	21.9	21.9	0	21.9
		3	0	23.3	23.3	23.3	0	23.3	21.9	21.9	21.9	0	21.9
		3	1	23.3	23.3	23.3	0	23.3	21.9	21.9	21.9	0	21.9
		3	3	23.3	23.3	23.3	0	23.3	21.9	21.9	21.9	0	21.9
		6	0	23.3	23.3	23.3	0	23.3	21.9	21.9	21.8	0	21.9
	64QAM	1	0	23.2	23.3	23.2	0	23.3	21.8	21.9	21.9	0	21.9
		1	3	23.2	23.2	23.2	0	23.3	21.8	21.8	21.9	0	21.9
		1	5	23.2	23.2	23.3	0	23.3	21.9	21.9	21.8	0	21.9
		3	0	22.4	22.4	22.4	0	23.3	21.9	21.8	21.8	0	21.9
		3	1	22.4	22.5	22.4	0	23.3	21.8	21.8	21.9	0	21.9
		3	3	22.5	22.4	22.4	0	23.3	21.8	21.8	21.8	0	21.9
		6	0	22.4	22.4	22.5	0.8	22.5	21.8	21.9	21.8	0	21.9
	256QAM	1	0	20.4	20.4	20.5	2.8	20.5	20.4	20.4	20.4	1.4	20.5
		1	3	20.4	20.4	20.4	2.8	20.5	20.5	20.4	20.4	1.4	20.5
		1	5	20.5	20.4	20.5	2.8	20.5	20.4	20.4	20.4	1.4	20.5
		3	0	20.4	20.5	20.5	2.8	20.5	20.5	20.4	20.5	1.4	20.5
		3	1	20.4	20.4	20.4	2.8	20.5	20.4	20.5	20.4	1.4	20.5
		3	3	20.4	20.5	20.4	2.8	20.5	20.4	20.4	20.4	1.4	20.5
		6	0	20.5	20.4	20.4	2.8	20.5	20.4	20.4	20.4	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	Maximum Output Power	26140	26365	26590	MPR	Maximum Output Power
				1860 MHz	1882.5 MHz	1905 MHz			1860 MHz	1882.5 MHz	1905 MHz		
20	QPSK	1	0	20.0	20.0	20.0	0	20.6	20.4	20.3	20.3	0	21.0
		1	49	20.0	20.0	20.0	0	20.6	20.4	20.4	20.5	0	21.0
		1	99	20.0	19.9	19.9	0	20.6	20.3	20.4	20.4	0	21.0
		50	0	19.9	19.9	19.9	0	20.6	20.4	20.4	20.3	0	21.0
		50	24	20.1	20.0	20.1	0	20.6	20.6	20.5	20.5	0	21.0
		50	50	20.0	20.0	20.0	0	20.6	20.3	20.4	20.3	0	21.0
		100	0	20.1	20.1	20.1	0	20.6	20.6	20.5	20.5	0	21.0
	16QAM	1	0	20.1	20.0	20.1	0	20.6	20.3	20.3	20.4	0	21.0
		1	49	20.1	20.0	20.0	0	20.6	20.4	20.3	20.3	0	21.0
		1	99	20.1	20.0	20.0	0	20.6	20.4	20.3	20.3	0	21.0
		50	0	20.0	20.0	20.0	0	20.6	20.3	20.2	20.2	0.1	20.9
		50	24	20.1	20.1	19.9	0	20.6	20.2	20.3	20.2	0.1	20.9
		50	50	20.1	20.0	19.9	0	20.6	20.2	20.3	20.3	0.1	20.9
		100	0	20.1	19.9	20.1	0	20.6	20.2	20.3	20.2	0.1	20.9
	64QAM	1	0	20.1	19.9	20.0	0	20.6	20.2	20.3	20.3	0.1	20.9
		1	49	20.0	20.1	20.0	0	20.6	20.2	20.2	20.2	0.1	20.9
		1	99	20.0	19.9	20.1	0	20.6	20.3	20.3	20.3	0.1	20.9
		50	0	19.3	19.3	19.3	0.7	19.9	19.3	19.2	19.3	1.1	19.9
		50	24	19.3	19.3	19.4	0.7	19.9	19.2	19.2	19.2	1.1	19.9
		50	50	19.3	19.2	19.3	0.7	19.9	19.3	19.2	19.2	1.1	19.9
		100	0	19.3	19.4	19.3	0.7	19.9	19.2	19.2	19.2	1.1	19.9
	256QAM	1	0	17.3	17.3	17.2	2.7	17.9	17.3	17.3	17.2	3.1	17.9
		1	49	17.2	17.4	17.2	2.7	17.9	17.3	17.3	17.3	3.1	17.9
		1	99	17.3	17.4	17.4	2.7	17.9	17.2	17.3	17.2	3.1	17.9
		50	0	17.4	17.3	17.3	2.7	17.9	17.3	17.3	17.2	3.1	17.9
		50	24	17.4	17.3	17.3	2.7	17.9	17.2	17.3	17.3	3.1	17.9
		50	50	17.3	17.3	17.3	2.7	17.9	17.3	17.2	17.2	3.1	17.9
		100	0	17.3	17.3	17.3	2.7	17.9	17.2	17.3	17.3	3.1	17.9

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26115	26365	26615	MPR	Maximum Output Power	26115	26365	26590	MPR	Maximum Output Power
				1857.5 MHz	1882.5 MHz	1907.5 MHz			1860 MHz	1882.5 MHz	1905 MHz		
15	QPSK	1	0	20.1	20.1	19.9	0	20.6	20.4	20.4	20.4	0	21.0
		1	37	19.9	20.0	20.0	0	20.6	20.4	20.4	20.4	0	21.0
		1	74	20.0	19.9	20.1	0	20.6	20.4	20.3	20.3	0	21.0
		36	0	19.9	20.0	20.1	0	20.6	20.3	20.3	20.4	0	21.0
		36	20	20.1	20.0	20.0	0	20.6	20.4	20.4	20.4	0	21.0
		36	39	20.0	20.0	20.0	0	20.6	20.3	20.4	20.4	0	21.0
		75	0	20.0	19.9	20.0	0	20.6	20.3	20.3	20.3	0	21.0
	16QAM	1	0	20.1	20.0	20.0	0	20.6	20.4	20.4	20.4	0	21.0
		1	37	20.1	20.0	20.0	0	20.6	20.3	20.3	20.3	0	21.0
		1	74	19.9	20.1	20.0	0	20.6	20.4	20.3	20.3	0	21.0
		36	0	19.9	20.0	19.9	0	20.6	20.3	20.3	20.3	0.1	20.9
		36	20	20.0	20.0	20.0	0	20.6	20.3	20.3	20.3	0.1	20.9
		36	39	20.0	20.1	20.0	0	20.6	20.3	20.3	20.2	0.1	20.9
		75	0	19.9	19.9	19.9	0	20.6	20.2	20.2	20.3	0.1	20.9
	64QAM	1	0	20.0	20.0	20.0	0	20.6	20.2	20.2	20.2	0.1	20.9
		1	37	20.0	19.9	20.1	0	20.6	20.2	20.3	20.2	0.1	20.9
		1	74	20.0	20.0	20.0	0	20.6	20.3	20.2	20.2	0.1	20.9
		36	0	19.3	19.3	19.3	0.7	19.9	19.3	19.3	19.3	1.1	19.9
		36	20	19.3	19.4	19.3	0.7	19.9	19.2	19.3	19.3	1.1	19.9
		36	39	19.3	19.3	19.2	0.7	19.9	19.2	19.3	19.3	1.1	19.9
		75	0	19.4	19.4	19.2	0.7	19.9	19.3	19.3	19.2	1.1	19.9
	256QAM	1	0	17.3	17.3	17.2	2.7	17.9	17.3	17.3	17.2	3.1	17.9
		1	37	17.3	17.3	17.3	2.7	17.9	17.2	17.3	17.3	3.1	17.9
		1	74	17.2	17.3	17.2	2.7	17.9	17.2	17.2	17.3	3.1	17.9
		36	0	17.3	17.2	17.3	2.7	17.9	17.2	17.2	17.3	3.1	17.9
		36	20	17.4	17.4	17.3	2.7	17.9	17.2	17.2	17.3	3.1	17.9
		36	39	17.4	17.3	17.4	2.7	17.9	17.3	17.2	17.2	3.1	17.9
		75	0	17.2	17.3	17.4	2.7	17.9	17.2	17.3	17.2	3.1	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	Maximum Output Power	26090	26365	26590	MPR	Maximum Output Power
				1855 MHz	1882.5 MHz	1910 MHz			1860 MHz	1882.5 MHz	1905 MHz		
10	QPSK	1	0	20.0	20.0	20.0	0	20.6	20.4	20.3	20.4	0	21.0
		1	25	20.0	20.0	20.1	0	20.6	20.4	20.3	20.3	0	21.0
		1	49	19.9	19.9	20.0	0	20.6	20.4	20.3	20.3	0	21.0
		25	0	20.0	20.0	20.0	0	20.6	20.3	20.3	20.3	0	21.0
		25	12	20.1	20.0	20.0	0	20.6	20.4	20.3	20.4	0	21.0
		25	25	20.1	20.0	20.0	0	20.6	20.4	20.4	20.3	0	21.0
		50	0	20.1	20.1	20.0	0	20.6	20.3	20.3	20.4	0	21.0
	16QAM	1	0	20.0	20.1	20.0	0	20.6	20.3	20.3	20.4	0	21.0
		1	25	20.0	19.9	20.0	0	20.6	20.3	20.3	20.3	0	21.0
		1	49	19.9	20.1	20.0	0	20.6	20.4	20.4	20.3	0	21.0
		25	0	20.0	20.0	19.9	0	20.6	20.2	20.2	20.2	0.1	20.9
		25	12	20.1	19.9	20.0	0	20.6	20.2	20.3	20.2	0.1	20.9
		25	25	20.0	20.1	20.0	0	20.6	20.2	20.2	20.3	0.1	20.9
		50	0	19.9	20.0	20.1	0	20.6	20.2	20.2	20.3	0.1	20.9
	64QAM	1	0	20.0	20.1	19.9	0	20.6	20.3	20.2	20.2	0.1	20.9
		1	25	20.1	20.0	20.0	0	20.6	20.3	20.3	20.2	0.1	20.9
		1	49	20.0	20.1	20.0	0	20.6	20.2	20.2	20.3	0.1	20.9
		25	0	19.4	19.3	19.2	0.7	19.9	19.2	19.2	19.2	1.1	19.9
		25	12	19.4	19.2	19.2	0.7	19.9	19.3	19.3	19.3	1.1	19.9
		25	25	19.2	19.4	19.3	0.7	19.9	19.3	19.2	19.2	1.1	19.9
		50	0	19.3	19.3	19.4	0.7	19.9	19.3	19.3	19.2	1.1	19.9
	256QAM	1	0	17.3	17.2	17.3	2.7	17.9	17.2	17.2	17.3	3.1	17.9
		1	25	17.4	17.4	17.2	2.7	17.9	17.3	17.2	17.3	3.1	17.9
		1	49	17.3	17.4	17.3	2.7	17.9	17.3	17.2	17.3	3.1	17.9
		25	0	17.3	17.3	17.4	2.7	17.9	17.3	17.2	17.2	3.1	17.9
		25	12	17.3	17.3	17.3	2.7	17.9	17.2	17.2	17.2	3.1	17.9
		25	25	17.3	17.4	17.3	2.7	17.9	17.3	17.3	17.3	3.1	17.9
		50	0	17.3	17.4	17.3	2.7	17.9	17.2	17.3	17.3	3.1	17.9

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26065	26365	26665	MPR	Maximum Output Power	26065	26365	26590	MPR	Maximum Output Power
				1852.5 MHz	1882.5 MHz	1912.5 MHz			1860 MHz	1882.5 MHz	1905 MHz		
5	QPSK	1	0	20.1	20.1	20.0	0	20.6	20.3	20.3	20.4	0	21.0
		1	12	19.9	20.0	20.0	0	20.6	20.4	20.4	20.3	0	21.0
		1	24	20.0	20.0	19.9	0	20.6	20.4	20.4	20.4	0	21.0
		12	0	20.0	20.0	20.0	0	20.6	20.3	20.4	20.4	0	21.0
		12	7	20.0	19.9	19.9	0	20.6	20.4	20.3	20.3	0	21.0
		12	13	20.0	19.9	19.9	0	20.6	20.3	20.4	20.3	0	21.0
		25	0	20.0	19.9	19.9	0	20.6	20.4	20.4	20.4	0	21.0
	16QAM	1	0	20.0	20.1	20.0	0	20.6	20.3	20.4	20.4	0	21.0
		1	12	19.9	20.0	20.0	0	20.6	20.3	20.3	20.3	0	21.0
		1	24	20.1	20.0	20.0	0	20.6	20.4	20.3	20.4	0	21.0
		12	0	19.9	20.0	20.0	0	20.6	20.3	20.2	20.3	0.1	20.9
		12	7	20.0	20.0	20.0	0	20.6	20.2	20.3	20.3	0.1	20.9
		12	13	20.0	20.0	20.0	0	20.6	20.3	20.2	20.3	0.1	20.9
		25	0	20.1	20.0	20.1	0	20.6	20.3	20.3	20.3	0.1	20.9
	64QAM	1	0	20.0	20.0	20.0	0	20.6	20.2	20.2	20.2	0.1	20.9
		1	12	19.9	20.0	19.9	0	20.6	20.3	20.2	20.2	0.1	20.9
		1	24	19.9	20.0	19.9	0	20.6	20.3	20.2	20.3	0.1	20.9
		12	0	19.3	19.4	19.2	0.7	19.9	19.3	19.3	19.2	1.1	19.9
		12	7	19.3	19.2	19.4	0.7	19.9	19.3	19.2	19.2	1.1	19.9
		12	13	19.4	19.3	19.4	0.7	19.9	19.3	19.3	19.3	1.1	19.9
		25	0	19.2	19.2	19.3	0.7	19.9	19.3	19.3	19.2	1.1	19.9
	256QAM	1	0	17.3	17.4	17.3	2.7	17.9	17.3	17.2	17.2	3.1	17.9
		1	12	17.4	17.2	17.2	2.7	17.9	17.3	17.2	17.3	3.1	17.9
		1	24	17.2	17.4	17.4	2.7	17.9	17.2	17.2	17.2	3.1	17.9
		12	0	17.3	17.3	17.4	2.7	17.9	17.3	17.2	17.2	3.1	17.9
		12	7	17.3	17.4	17.3	2.7	17.9	17.2	17.3	17.2	3.1	17.9
		12	13	17.4	17.3	17.4	2.7	17.9	17.3	17.3	17.3	3.1	17.9
		25	0	17.3	17.3	17.3	2.7	17.9	17.2	17.2	17.3	3.1	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	Maximum Output Power	26055	26365	26590	MPR	Maximum Output Power
				1851.5 MHz	1882.5 MHz	1913.5 MHz			1860 MHz	1882.5 MHz	1905 MHz		
3	QPSK	1	0	19.9	19.9	20.1	0	20.6	20.3	20.3	20.4	0	21.0
		1	8	20.0	20.1	20.0	0	20.6	20.3	20.3	20.4	0	21.0
		1	14	20.0	20.0	20.1	0	20.6	20.4	20.3	20.4	0	21.0
		8	0	20.0	19.9	20.1	0	20.6	20.3	20.3	20.4	0	21.0
		8	4	19.9	20.1	20.0	0	20.6	20.3	20.3	20.4	0	21.0
		8	7	20.0	19.9	20.0	0	20.6	20.3	20.3	20.4	0	21.0
		15	0	20.0	20.0	20.0	0	20.6	20.4	20.4	20.3	0	21.0
	16QAM	1	0	20.0	20.0	20.1	0	20.6	20.4	20.4	20.3	0	21.0
		1	8	20.1	20.1	19.9	0	20.6	20.4	20.3	20.4	0	21.0
		1	14	19.9	20.0	20.0	0	20.6	20.4	20.4	20.4	0	21.0
		8	0	19.9	20.0	20.1	0	20.6	20.3	20.2	20.3	0.1	20.9
		8	4	19.9	20.1	20.0	0	20.6	20.3	20.2	20.3	0.1	20.9
		8	7	20.0	20.0	19.9	0	20.6	20.2	20.2	20.2	0.1	20.9
		15	0	19.9	20.0	20.0	0	20.6	20.3	20.2	20.2	0.1	20.9
	64QAM	1	0	19.9	19.9	20.0	0	20.6	20.2	20.3	20.3	0.1	20.9
		1	8	20.1	20.0	20.1	0	20.6	20.3	20.2	20.3	0.1	20.9
		1	14	20.0	20.1	20.1	0	20.6	20.2	20.3	20.2	0.1	20.9
		8	0	19.3	19.3	19.3	0.7	19.9	19.3	19.2	19.2	1.1	19.9
		8	4	19.3	19.3	19.4	0.7	19.9	19.2	19.2	19.3	1.1	19.9
		8	7	19.4	19.3	19.2	0.7	19.9	19.2	19.3	19.3	1.1	19.9
		15	0	19.2	19.3	19.3	0.7	19.9	19.2	19.3	19.3	1.1	19.9
	256QAM	1	0	17.2	17.2	17.3	2.7	17.9	17.3	17.3	17.3	3.1	17.9
		1	8	17.3	17.2	17.3	2.7	17.9	17.3	17.2	17.2	3.1	17.9
		1	14	17.4	17.2	17.3	2.7	17.9	17.2	17.2	17.2	3.1	17.9
		8	0	17.2	17.3	17.2	2.7	17.9	17.2	17.3	17.3	3.1	17.9
		8	4	17.4	17.4	17.4	2.7	17.9	17.2	17.2	17.2	3.1	17.9
		8	7	17.2	17.2	17.2	2.7	17.9	17.2	17.3	17.3	3.1	17.9
		15	0	17.2	17.3	17.2	2.7	17.9	17.3	17.3	17.3	3.1	17.9

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26047	26365	26683	MPR	Maximum Output Power	26047	26365	26590	MPR	Maximum Output Power
				1850.7 MHz	1882.5 MHz	1914.3 MHz			1860 MHz	1882.5 MHz	1905 MHz		
1.4	QPSK	1	0	20.1	19.9	20.0	0	20.6	20.3	20.3	20.4	0	21.0
		1	3	20.1	20.0	20.1	0	20.6	20.4	20.4	20.4	0	21.0
		1	5	20.0	20.0	20.1	0	20.6	20.3	20.3	20.3	0	21.0
		3	0	20.0	20.1	20.0	0	20.6	20.4	20.4	20.4	0	21.0
		3	1	20.0	20.1	20.0	0	20.6	20.3	20.3	20.4	0	21.0
		3	3	20.1	20.0	19.9	0	20.6	20.4	20.4	20.4	0	21.0
		6	0	20.0	19.9	20.1	0	20.6	20.4	20.3	20.4	0	21.0
	16QAM	1	0	19.9	20.0	20.1	0	20.6	20.4	20.4	20.3	0	21.0
		1	3	20.0	20.1	20.0	0	20.6	20.3	20.4	20.4	0	21.0
		1	5	20.1	20.1	20.0	0	20.6	20.3	20.4	20.4	0	21.0
		3	0	20.0	20.0	19.9	0	20.6	20.3	20.2	20.3	0	21.0
		3	1	20.0	20.0	20.0	0	20.6	20.3	20.3	20.3	0	21.0
		3	3	20.1	20.0	20.1	0	20.6	20.2	20.3	20.3	0	21.0
		6	0	19.9	19.9	20.1	0	20.6	20.3	20.3	20.2	0.1	20.9
	64QAM	1	0	19.9	20.1	20.0	0	20.6	20.2	20.3	20.2	0.1	20.9
		1	3	19.9	20.0	20.1	0	20.6	20.2	20.2	20.2	0.1	20.9
		1	5	20.0	19.9	19.9	0	20.6	20.2	20.2	20.2	0.1	20.9
		3	0	19.3	19.3	19.2	0	20.6	19.3	19.2	19.3	0.1	20.9
		3	1	19.3	19.2	19.3	0	20.6	19.2	19.2	19.3	0.1	20.9
		3	3	19.3	19.2	19.3	0	20.6	19.2	19.2	19.2	0.1	20.9
		6	0	19.2	19.4	19.2	0.7	19.9	19.3	19.3	19.3	1.1	19.9
	256QAM	1	0	17.4	17.3	17.2	2.7	17.9	17.3	17.3	17.3	3.1	17.9
		1	3	17.3	17.3	17.2	2.7	17.9	17.2	17.2	17.3	3.1	17.9
		1	5	17.2	17.3	17.2	2.7	17.9	17.3	17.3	17.2	3.1	17.9
		3	0	17.4	17.4	17.4	2.7	17.9	17.2	17.2	17.3	3.1	17.9
		3	1	17.4	17.3	17.3	2.7	17.9	17.2	17.2	17.2	3.1	17.9
		3	3	17.2	17.3	17.3	2.7	17.9	17.3	17.3	17.2	3.1	17.9
		6	0	17.3	17.3	17.3	2.7	17.9	17.2	17.2	17.3	3.1	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	Maximum Output Power	26740	26865	26990	MPR	Maximum Output Power
				819 MHz	831.5 MHz	844 MHz			819 MHz	831.5 MHz	844 MHz		
10	QPSK	1	0	25.4	25.3	25.4	0	25.7	25.4	25.3	25.4	0	25.7
		1	25	25.4	25.4	25.4	0	25.7	25.4	25.4	25.4	0	25.7
		1	49	25.3	25.3	25.3	0	25.7	25.3	25.3	25.3	0	25.7
		25	0	24.3	24.4	24.3	1	24.7	24.3	24.4	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	24.4	1	24.7	24.4	24.4	24.4	1	24.7
		50	0	24.4	24.4	24.3	1	24.7	24.4	24.4	24.3	1	24.7
	16QAM	1	0	24.6	24.7	24.7	1	24.7	24.6	24.7	24.7	1	24.7
		1	25	24.7	24.7	24.7	1	24.7	24.7	24.7	24.7	1	24.7
		1	49	24.6	24.7	24.7	1	24.7	24.6	24.7	24.7	1	24.7
		25	0	23.4	23.3	23.4	2	23.7	23.4	23.3	23.4	2	23.7
		25	12	23.4	23.4	23.4	2	23.7	23.4	23.4	23.4	2	23.7
		25	25	23.4	23.4	23.4	2	23.7	23.4	23.4	23.4	2	23.7
		50	0	23.4	23.4	23.4	2	23.7	23.4	23.4	23.4	2	23.7
	64QAM	1	0	23.2	23.2	23.0	2	23.7	23.2	23.2	23.0	2	23.7
		1	25	23.2	23.2	23.0	2	23.7	23.2	23.2	23.0	2	23.7
		1	49	23.2	23.1	23.0	2	23.7	23.2	23.1	23.0	2	23.7
		25	0	21.9	21.9	21.8	3	22.7	21.9	21.9	21.8	3	22.7
		25	12	22.0	21.9	21.8	3	22.7	22.0	21.9	21.8	3	22.7
		25	25	22.0	22.0	21.9	3	22.7	22.0	22.0	21.9	3	22.7
		50	0	22.0	21.9	21.8	3	22.7	22.0	21.9	21.8	3	22.7
	256QAM	1	0	20.0	20.0	19.9	5	20.7	20.0	20.0	19.9	5	20.7
		1	25	20.1	20.1	20.0	5	20.7	20.1	20.1	20.0	5	20.7
		1	49	20.1	20.0	19.9	5	20.7	20.1	20.0	19.9	5	20.7
		25	0	19.9	19.9	19.8	5	20.7	19.9	19.9	19.8	5	20.7
		25	12	20.0	19.9	19.8	5	20.7	20.0	19.9	19.8	5	20.7
		25	25	20.0	20.0	19.9	5	20.7	20.0	20.0	19.9	5	20.7
		50	0	20.0	19.9	19.8	5	20.7	20.0	19.9	19.8	5	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26715	26865	27015	MPR	Maximum Output Power	26715	26865	27015	MPR	Maximum Output Power
				816.5 MHz	831.5 MHz	846.5 MHz			816.5 MHz	831.5 MHz	846.5 MHz		
5	QPSK	1	0	25.3	25.4	25.3	0	25.7	25.3	25.4	25.3	0	25.7
		1	12	25.5	25.4	25.3	0	25.7	25.5	25.4	25.3	0	25.7
		1	24	25.3	25.3	25.3	0	25.7	25.3	25.3	25.3	0	25.7
		12	0	24.3	24.3	24.7	1	24.7	24.3	24.3	24.7	1	24.7
		12	7	24.4	24.3	24.7	1	24.7	24.4	24.3	24.7	1	24.7
		12	13	24.4	24.4	24.7	1	24.7	24.4	24.4	24.7	1	24.7
		25	0	24.4	24.4	24.7	1	24.7	24.4	24.4	24.7	1	24.7
	16QAM	1	0	24.7	24.7	24.7	1	24.7	24.7	24.7	24.7	1	24.7
		1	12	24.7	24.7	24.7	1	24.7	24.7	24.7	24.7	1	24.7
		1	24	24.7	24.7	24.7	1	24.7	24.7	24.7	24.7	1	24.7
		12	0	23.4	23.3	23.7	2	23.7	23.4	23.3	23.7	2	23.7
		12	7	23.5	23.3	23.7	2	23.7	23.5	23.3	23.7	2	23.7
		12	13	23.5	23.4	23.7	2	23.7	23.5	23.4	23.7	2	23.7
		25	0	23.4	23.4	23.7	2	23.7	23.4	23.4	23.7	2	23.7
	64QAM	1	0	23.1	23.2	23.0	2	23.7	23.1	23.2	23.0	2	23.7
		1	12	23.2	23.2	23.1	2	23.7	23.2	23.2	23.1	2	23.7
		1	24	23.1	23.2	23.0	2	23.7	23.1	23.2	23.0	2	23.7
		12	0	21.9	21.9	21.7	3	22.7	21.9	21.9	21.7	3	22.7
		12	7	22.0	21.9	21.8	3	22.7	22.0	21.9	21.8	3	22.7
		12	13	22.0	21.9	21.8	3	22.7	22.0	21.9	21.8	3	22.7
		25	0	22.0	21.9	21.8	3	22.7	22.0	21.9	21.8	3	22.7
	256QAM	1	0	19.9	19.9	19.8	5	20.7	19.9	19.9	19.8	5	20.7
		1	12	20.1	20.1	20.0	5	20.7	20.1	20.1	20.0	5	20.7
		1	24	20.1	20.0	19.9	5	20.7	20.1	20.0	19.9	5	20.7
		12	0	19.9	19.8	19.8	5	20.7	19.9	19.8	19.8	5	20.7
		12	7	20.0	19.9	19.9	5	20.7	20.0	19.9	19.9	5	20.7
		12	13	20.0	19.9	19.8	5	20.7	20.0	19.9	19.8	5	20.7
		25	0	20.0	19.9	19.8	5	20.7	20.0	19.9	19.8	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	Maximum Output Power	26705	26865	27025	MPR	Maximum Output Power
				815.5 MHz	831.5 MHz	847.5 MHz			815.5 MHz	831.5 MHz	847.5 MHz		
3	QPSK	1	0	25.3	25.2	25.3	0	25.7	25.3	25.2	25.3	0	25.7
		1	8	25.4	25.4	25.4	0	25.7	25.4	25.4	25.4	0	25.7
		1	14	25.3	25.3	25.3	0	25.7	25.3	25.3	25.3	0	25.7
		8	0	24.3	24.3	24.4	1	24.7	24.3	24.3	24.4	1	24.7
		8	4	24.4	24.4	24.4	1	24.7	24.4	24.4	24.4	1	24.7
		8	7	24.4	24.4	24.4	1	24.7	24.4	24.4	24.4	1	24.7
		15	0	24.4	24.4	24.4	1	24.7	24.4	24.4	24.4	1	24.7
	16QAM	1	0	24.6	24.7	24.7	1	24.7	24.6	24.7	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	24.7	24.6	1	24.7	24.6	24.7	24.6	1	24.7
		8	0	23.4	23.4	23.5	2	23.7	23.4	23.4	23.5	2	23.7
		8	4	23.5	23.4	23.5	2	23.7	23.5	23.4	23.5	2	23.7
		8	7	23.5	23.5	23.5	2	23.7	23.5	23.5	23.5	2	23.7
		15	0	23.4	23.4	23.4	2	23.7	23.4	23.4	23.4	2	23.7
	64QAM	1	0	23.0	23.0	23.0	2	23.7	23.0	23.0	23.0	2	23.7
		1	8	23.1	23.1	22.9	2	23.7	23.1	23.1	22.9	2	23.7
		1	14	23.0	23.0	23.0	2	23.7	23.0	23.0	23.0	2	23.7
		8	0	21.9	21.8	21.8	3	22.7	21.9	21.8	21.8	3	22.7
		8	4	22.0	21.9	21.9	3	22.7	22.0	21.9	21.9	3	22.7
		8	7	22.0	21.9	21.9	3	22.7	22.0	21.9	21.9	3	22.7
		15	0	22.0	21.9	21.8	3	22.7	22.0	21.9	21.8	3	22.7
	256QAM	1	0	19.9	19.9	19.9	5	20.7	19.9	19.9	19.9	5	20.7
		1	8	20.1	20.1	20.0	5	20.7	20.1	20.1	20.0	5	20.7
		1	14	20.0	20.0	19.9	5	20.7	20.0	20.0	19.9	5	20.7
		8	0	20.0	19.8	19.8	5	20.7	20.0	19.8	19.8	5	20.7
		8	4	20.0	19.9	19.8	5	20.7	20.0	19.9	19.8	5	20.7
		8	7	20.0	19.9	19.9	5	20.7	20.0	19.9	19.9	5	20.7
		15	0	20.0	19.9	19.8	5	20.7	20.0	19.9	19.8	5	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26697	26865	27033	MPR	Maximum Output Power	26697	26865	27033	MPR	Maximum Output Power
				814.7 MHz	831.5 MHz	848.3 MHz			814.7 MHz	831.5 MHz	848.3 MHz		
1.4	QPSK	1	0	25.3	25.3	25.3	0	25.7	25.3	25.3	25.3	0	25.7
		1	3	25.4	25.4	25.3	0	25.7	25.4	25.4	25.3	0	25.7
		1	5	25.4	25.3	25.3	0	25.7	25.4	25.3	25.3	0	25.7
		3	0	25.4	25.3	25.3	0	25.7	25.4	25.3	25.3	0	25.7
		3	1	25.4	25.4	25.4	0	25.7	25.4	25.4	25.4	0	25.7
		3	3	25.4	25.4	25.3	0	25.7	25.4	25.4	25.3	0	25.7
		6	0	24.4	24.4	24.3	1	24.7	24.4	24.4	24.3	1	24.7
	16QAM	1	0	24.6	24.5	24.6	1	24.7	24.6	24.5	24.6	1	24.7
		1	3	24.7	24.6	24.7	1	24.7	24.7	24.6	24.7	1	24.7
		1	5	24.7	24.6	24.7	1	24.7	24.7	24.6	24.7	1	24.7
		3	0	24.6	24.4	24.5	1	24.7	24.6	24.4	24.5	1	24.7
		3	1	24.5	24.5	24.5	1	24.7	24.5	24.5	24.5	1	24.7
		3	3	24.5	24.5	24.5	1	24.7	24.5	24.5	24.5	1	24.7
		6	0	23.5	23.5	23.4	2	23.7	23.5	23.5	23.4	2	23.7
	64QAM	1	0	23.0	22.9	23.0	2	23.7	23.0	22.9	23.0	2	23.7
		1	3	23.3	22.9	23.0	2	23.7	23.3	22.9	23.0	2	23.7
		1	5	23.1	23.0	23.0	2	23.7	23.1	23.0	23.0	2	23.7
		3	0	23.1	22.8	22.8	2	23.7	23.1	22.8	22.8	2	23.7
		3	1	23.1	22.9	22.8	2	23.7	23.1	22.9	22.8	2	23.7
		3	3	23.1	22.9	22.8	2	23.7	23.1	22.9	22.8	2	23.7
		6	0	21.9	21.8	21.7	3	22.7	21.9	21.8	21.7	3	22.7
	256QAM	1	0	20.0	20.0	19.9	5	20.7	20.0	20.0	19.9	5	20.7
		1	3	20.0	20.0	19.8	5	20.7	20.0	20.0	19.8	5	20.7
		1	5	20.0	20.0	19.9	5	20.7	20.0	20.0	19.9	5	20.7
		3	0	20.0	19.9	19.8	5	20.7	20.0	19.9	19.8	5	20.7
		3	1	20.0	20.0	19.8	5	20.7	20.0	20.0	19.8	5	20.7
		3	3	20.0	20.0	19.8	5	20.7	20.0	20.0	19.8	5	20.7
		6	0	20.0	19.7	19.8	5	20.7	20.0	19.7	19.8	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	Maximum Output Power	26740	26865	26990	MPR	Maximum Output Power
				819 MHz	831.5 MHz	844 MHz			819 MHz	831.5 MHz	844 MHz		
10	QPSK	1	0	24.0	24.0	23.9	0	24.5	24.2	24.2	24.1	0	24.7
		1	25	24.0	24.1	23.9	0	24.5	24.2	24.3	24.1	0	24.7
		1	49	24.0	24.0	23.9	0	24.5	24.2	24.2	24.0	0	24.7
		25	0	23.2	23.2	23.1	0.8	23.7	23.2	23.2	23.1	1	23.7
		25	12	23.3	23.2	23.2	0.8	23.7	23.3	23.2	23.2	1	23.7
		25	25	23.3	23.2	23.2	0.8	23.7	23.3	23.3	23.2	1	23.7
		50	0	23.2	23.2	23.1	0.8	23.7	23.2	23.2	23.1	1	23.7
	16QAM	1	0	23.4	23.4	23.4	0.8	23.7	23.4	23.5	23.4	1	23.7
		1	25	23.4	23.5	23.3	0.8	23.7	23.5	23.5	23.3	1	23.7
		1	49	23.4	23.4	23.3	0.8	23.7	23.4	23.4	23.3	1	23.7
		25	0	22.2	22.3	22.1	1.8	22.7	22.2	22.2	22.2	2	22.7
		25	12	22.4	22.3	22.2	1.8	22.7	22.3	22.3	22.2	2	22.7
		25	25	22.3	22.3	22.2	1.8	22.7	22.3	22.3	22.2	2	22.7
		50	0	22.3	22.2	22.1	1.8	22.7	22.3	22.2	22.1	2	22.7
	64QAM	1	0	22.5	22.4	22.4	1.8	22.7	22.4	22.4	22.3	2	22.7
		1	25	22.6	22.5	22.4	1.8	22.7	22.4	22.5	22.3	2	22.7
		1	49	22.6	22.4	22.3	1.8	22.7	22.4	22.4	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
		25	12	21.3	21.3	21.2	2.8	21.7	21.3	21.3	21.2	3	21.7
		25	25	21.3	21.3	21.2	2.8	21.7	21.3	21.3	21.2	3	21.7
		50	0	21.3	21.2	21.1	2.8	21.7	21.3	21.2	21.1	3	21.7
	256QAM	1	0	19.4	19.3	19.4	4.8	19.7	19.3	19.4	19.4	5	19.7
		1	25	19.6	19.4	19.4	4.8	19.7	19.4	19.6	19.4	5	19.7
		1	49	19.5	19.4	19.3	4.8	19.7	19.4	19.5	19.4	5	19.7
		25	0	19.2	19.3	19.2	4.8	19.7	19.2	19.3	19.1	5	19.7
		25	12	19.4	19.3	19.2	4.8	19.7	19.3	19.3	19.2	5	19.7
		25	25	19.3	19.3	19.2	4.8	19.7	19.3	19.3	19.2	5	19.7
		50	0	19.4	19.3	19.2	4.8	19.7	19.3	19.3	19.1	5	19.7
BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26715	26865	27015	MPR	Maximum Output Power	26715	26865	27015	MPR	Maximum Output Power
				816.5 MHz	831.5 MHz	846.5 MHz			816.5 MHz	831.5 MHz	846.5 MHz		
5	QPSK	1	0	23.9	24.0	23.8	0	24.5	24.1	24.2	24.1	0	24.7
		1	12	24.0	24.1	23.9	0	24.5	24.2	24.3	24.1	0	24.7
		1	24	24.0	24.0	23.8	0	24.5	24.1	24.2	24.1	0	24.7
		12	0	23.2	23.2	23.1	0.8	23.7	23.1	23.2	23.1	1	23.7
		12	7	23.3	23.2	23.2	0.8	23.7	23.2	23.2	23.2	1	23.7
		12	13	23.3	23.3	23.1	0.8	23.7	23.2	23.3	23.1	1	23.7
		25	0	23.3	23.2	23.1	0.8	23.7	23.2	23.2	23.1	1	23.7
	16QAM	1	0	23.5	23.6	23.5	0.8	23.7	23.5	23.6	23.5	1	23.7
		1	12	23.7	23.7	23.5	0.8	23.7	23.6	23.7	23.6	1	23.7
		1	24	23.6	23.7	23.4	0.8	23.7	23.5	23.6	23.5	1	23.7
		12	0	22.3	22.3	22.1	1.8	22.7	22.2	22.3	22.1	2	22.7
		12	7	22.4	22.3	22.2	1.8	22.7	22.3	22.3	22.2	2	22.7
		12	13	22.4	22.4	22.2	1.8	22.7	22.3	22.4	22.2	2	22.7
		25	0	22.3	22.2	22.1	1.8	22.7	22.2	22.2	22.1	2	22.7
	64QAM	1	0	22.4	22.4	22.2	1.8	22.7	22.5	22.6	22.2	2	22.7
		1	12	22.5	22.4	22.2	1.8	22.7	22.6	22.6	22.3	2	22.7
		1	24	22.5	22.4	22.2	1.8	22.7	22.5	22.6	22.2	2	22.7
		12	0	21.2	21.2	21.1	2.8	21.7	21.2	21.2	21.1	3	21.7
		12	7	21.3	21.3	21.2	2.8	21.7	21.3	21.2	21.2	3	21.7
		12	13	21.3	21.3	21.2	2.8	21.7	21.3	21.3	21.2	3	21.7
		25	0	21.3	21.2	21.1	2.8	21.7	21.3	21.2	21.1	3	21.7
	256QAM	1	0	19.4	19.4	19.3	4.8	19.7	19.3	19.4	19.1	5	19.7
		1	12	19.5	19.6	19.4	4.8	19.7	19.4	19.5	19.3	5	19.7
		1	24	19.3	19.5	19.3	4.8	19.7	19.3	19.5	19.2	5	19.7
		12	0	19.2	19.3	19.1	4.8	19.7	19.2	19.3	19.1	5	19.7
		12	7	19.4	19.3	19.2	4.8	19.7	19.3	19.3	19.2	5	19.7
		12	13	19.4	19.3	19.2	4.8	19.7	19.3	19.3	19.2	5	19.7
		25	0	19.3	19.3	19.1	4.8	19.7	19.3	19.3	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	Maximum Output Power	26705	26865	27025	MPR	Maximum Output Power
				815.5 MHz	831.5 MHz	847.5 MHz			815.5 MHz	831.5 MHz	847.5 MHz		
3	QPSK	1	0	23.9	24.0	23.8	0	24.5	24.1	24.2	24.0	0	24.7
		1	8	24.0	24.1	23.9	0	24.5	24.2	24.2	24.1	0	24.7
		1	14	23.9	24.0	23.8	0	24.5	24.1	24.2	24.0	0	24.7
		8	0	23.2	23.2	23.1	0.8	23.7	23.2	23.2	23.1	1	23.7
		8	4	23.3	23.2	23.1	0.8	23.7	23.3	23.2	23.1	1	23.7
		8	7	23.2	23.2	23.1	0.8	23.7	23.3	23.2	23.1	1	23.7
		15	0	23.2	23.2	23.1	0.8	23.7	23.2	23.2	23.1	1	23.7
	16QAM	1	0	23.4	23.5	23.4	0.8	23.7	23.4	23.5	23.3	1	23.7
		1	8	23.5	23.6	23.4	0.8	23.7	23.5	23.6	23.4	1	23.7
		1	14	23.4	23.5	23.4	0.8	23.7	23.4	23.5	23.3	1	23.7
		8	0	22.2	22.2	22.2	1.8	22.7	22.2	22.3	22.2	2	22.7
		8	4	22.3	22.3	22.2	1.8	22.7	22.3	22.3	22.2	2	22.7
		8	7	22.3	22.3	22.2	1.8	22.7	22.3	22.3	22.2	2	22.7
		15	0	22.3	22.2	22.2	1.8	22.7	22.2	22.2	22.2	2	22.7
	64QAM	1	0	22.3	22.4	22.2	1.8	22.7	22.3	22.5	22.5	2	22.7
		1	8	22.4	22.6	22.3	1.8	22.7	22.4	22.6	22.4	2	22.7
		1	14	22.3	22.3	22.3	1.8	22.7	22.3	22.4	22.3	2	22.7
		8	0	21.2	21.3	21.1	2.8	21.7	21.2	21.2	21.2	3	21.7
		8	4	21.3	21.3	21.2	2.8	21.7	21.3	21.3	21.2	3	21.7
		8	7	21.3	21.3	21.2	2.8	21.7	21.3	21.3	21.2	3	21.7
		15	0	21.3	21.2	21.1	2.8	21.7	21.3	21.2	21.1	3	21.7
	256QAM	1	0	19.2	19.3	19.2	4.8	19.7	19.2	19.3	19.3	5	19.7
		1	8	19.4	19.5	19.3	4.8	19.7	19.4	19.5	19.3	5	19.7
		1	14	19.3	19.4	19.2	4.8	19.7	19.3	19.4	19.2	5	19.7
		8	0	19.2	19.3	19.2	4.8	19.7	19.2	19.3	19.2	5	19.7
		8	4	19.3	19.3	19.2	4.8	19.7	19.3	19.3	19.2	5	19.7
		8	7	19.3	19.3	19.2	4.8	19.7	19.3	19.3	19.2	5	19.7
		15	0	19.3	19.3	19.2	4.8	19.7	19.3	19.3	19.2	5	19.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26697	26865	27033	MPR	Maximum Output Power	26697	26865	27033	MPR	Maximum Output Power
				814.7 MHz	831.5 MHz	848.3 MHz			814.7 MHz	831.5 MHz	848.3 MHz		
1.4	QPSK	1	0	24.0	24.0	23.8	0	24.5	24.2	24.2	24.1	0	24.7
		1	3	24.0	24.1	23.9	0	24.5	24.2	24.2	24.1	0	24.7
		1	5	24.0	24.0	23.9	0	24.5	24.2	24.2	24.1	0	24.7
		3	0	24.0	24.0	23.9	0	24.5	24.2	24.2	24.1	0	24.7
		3	1	24.0	24.0	23.9	0	24.5	24.2	24.2	24.1	0	24.7
		3	3	24.0	24.1	23.9	0	24.5	24.2	24.2	24.1	0	24.7
		6	0	23.2	23.2	23.1	0.8	23.7	23.2	23.2	23.1	1	23.7
	16QAM	1	0	23.5	23.5	23.4	0.8	23.7	23.5	23.5	23.4	1	23.7
		1	3	23.5	23.6	23.4	0.8	23.7	23.6	23.6	23.4	1	23.7
		1	5	23.5	23.6	23.4	0.8	23.7	23.5	23.6	23.4	1	23.7
		3	0	23.3	23.3	23.2	0.8	23.7	23.3	23.3	23.2	1	23.7
		3	1	23.4	23.3	23.2	0.8	23.7	23.4	23.3	23.3	1	23.7
		3	3	23.4	23.4	23.2	0.8	23.7	23.4	23.4	23.3	1	23.7
		6	0	22.3	22.2	22.1	1.8	22.7	22.3	22.2	22.1	2	22.7
	64QAM	1	0	22.5	22.2	22.4	1.8	22.7	22.6	22.4	22.3	2	22.7
		1	3	22.4	22.3	22.2	1.8	22.7	22.4	22.4	22.5	2	22.7
		1	5	22.2	22.2	22.3	1.8	22.7	22.5	22.3	22.2	2	22.7
		3	0	22.2	22.3	22.1	1.8	22.7	22.4	22.2	22.2	2	22.7
		3	1	22.2	22.3	22.1	1.8	22.7	22.3	22.2	22.2	2	22.7
		3	3	22.2	22.3	22.1	1.8	22.7	22.3	22.3	22.2	2	22.7
		6	0	21.2	21.2	21.1	2.8	21.7	21.2	21.2	21.0	3	21.7
	256QAM	1	0	19.3	19.3	19.2	4.8	19.7	19.3	19.3	19.3	5	19.7
		1	3	19.4	19.4	19.3	4.8	19.7	19.3	19.5	19.2	5	19.7
		1	5	19.4	19.4	19.2	4.8	19.7	19.4	19.5	19.2	5	19.7
		3	0	19.3	19.2	19.2	4.8	19.7	19.3	19.3	19.2	5	19.7
		3	1	19.3	19.2	19.2	4.8	19.7	19.3	19.3	19.2	5	19.7
		3	3	19.3	19.3	19.2	4.8	19.7	19.3	19.4	19.2	5	19.7
		6	0	19.3	19.2	19.2	4.8	19.7	19.1	19.3	19.2	5	19.7

LTE Band 26 Measured Results (ANT3)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26740	26865	26990	MPR	Maximum Output Power	26740	26865	26990	MPR	Maximum Output Power
				819 MHz	831.5 MHz	844 MHz			819 MHz	831.5 MHz	844 MHz		
10	QPSK	1	0	25.0	25.0	25.1	0	25.4	25.0	25.0	24.9	0	25.3
		1	25	25.0	25.1	25.1	0	25.4	25.0	25.0	25.1	0	25.3
		1	49	25.0	25.0	25.0	0	25.4	24.9	24.9	24.9	0	25.3
		25	0	24.0	24.1	24.0	1	24.4	23.9	23.9	23.9	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	24.0	24.1	24.1	1	24.4	23.9	23.9	23.9	0.9	24.4
		50	0	24.1	24.2	24.2	1	24.4	24.1	24.2	24.2	0.9	24.4
	16QAM	1	0	24.0	24.0	24.1	1	24.4	24.0	24.0	23.9	0.9	24.4
		1	25	24.0	24.1	24.1	1	24.4	24.0	23.9	23.9	0.9	24.4
		1	49	24.0	24.1	24.1	1	24.4	23.9	24.0	23.9	0.9	24.4
		25	0	23.1	23.1	23.0	2	23.4	23.0	22.9	22.9	1.9	23.4
		25	12	23.1	23.0	23.1	2	23.4	22.9	23.0	22.9	1.9	23.4
		25	25	23.1	23.1	23.1	2	23.4	23.0	23.0	22.9	1.9	23.4
		50	0	23.0	23.0	23.1	2	23.4	22.9	23.0	23.0	1.9	23.4
	64QAM	1	0	23.0	23.0	23.0	2	23.4	22.9	22.9	23.0	1.9	23.4
		1	25	23.0	23.0	23.1	2	23.4	23.0	22.9	23.0	1.9	23.4
		1	49	23.0	23.1	23.0	2	23.4	23.0	22.9	22.9	1.9	23.4
		25	0	22.0	22.1	22.0	3	22.4	22.0	21.9	21.9	2.9	22.4
		25	12	22.1	22.1	22.0	3	22.4	22.0	21.9	21.9	2.9	22.4
		25	25	22.0	22.0	22.1	3	22.4	21.9	21.9	21.9	2.9	22.4
		50	0	22.1	22.0	22.1	3	22.4	22.0	21.9	22.0	2.9	22.4
	256QAM	1	0	20.1	20.0	20.0	5	20.4	19.9	19.9	19.9	4.9	20.4
		1	25	20.1	20.0	20.0	5	20.4	19.9	20.0	19.9	4.9	20.4
		1	49	20.1	20.0	20.1	5	20.4	19.9	20.0	20.0	4.9	20.4
		25	0	20.1	20.1	20.0	5	20.4	20.0	20.0	20.0	4.9	20.4
		25	12	20.0	20.0	20.1	5	20.4	20.0	19.9	20.0	4.9	20.4
		25	25	20.0	20.0	20.0	5	20.4	20.0	19.9	20.0	4.9	20.4
		50	0	20.0	20.0	20.1	5	20.4	20.0	20.0	19.9	4.9	20.4

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26715	26865	27015	MPR	Maximum Output Power	26715	26865	27015	MPR	Maximum Output Power
				816.5 MHz	831.5 MHz	846.5 MHz			816.5 MHz	831.5 MHz	846.5 MHz		
5	QPSK	1	0	25.1	25.0	25.1	0	25.4	24.9	24.9	25.0	0	25.3
		1	12	25.0	25.1	25.0	0	25.4	24.9	24.9	24.9	0	25.3
		1	24	25.1	25.0	25.1	0	25.4	24.9	24.9	24.9	0	25.3
		12	0	24.1	24.0	24.0	1	24.4	23.9	24.0	23.9	0.9	24.4
		12	7	24.1	24.1	24.0	1	24.4	23.9	23.9	24.0	0.9	24.4
		12	13	24.0	24.0	24.0	1	24.4	23.9	24.0	23.9	0.9	24.4
		25	0	24.1	24.1	24.1	1	24.4	24.0	24.0	23.9	0.9	24.4
	16QAM	1	0	24.0	24.1	24.0	1	24.4	23.9	24.0	24.0	0.9	24.4
		1	12	24.1	24.0	24.0	1	24.4	23.9	23.9	23.9	0.9	24.4
		1	24	24.0	24.0	24.1	1	24.4	23.9	24.0	24.0	0.9	24.4
		12	0	23.1	23.1	23.1	2	23.4	22.9	23.0	23.0	1.9	23.4
		12	7	23.1	23.0	23.0	2	23.4	23.0	23.0	22.9	1.9	23.4
		12	13	23.0	23.0	23.1	2	23.4	22.9	23.0	22.9	1.9	23.4
		25	0	23.0	23.1	23.0	2	23.4	22.9	22.9	22.9	1.9	23.4
	64QAM	1	0	23.0	23.1	23.0	2	23.4	22.9	22.9	22.9	1.9	23.4
		1	12	23.0	23.0	23.0	2	23.4	23.0	22.9	23.0	1.9	23.4
		1	24	23.0	23.0	23.1	2	23.4	22.9	22.9	23.0	1.9	23.4
		12	0	22.1	22.1	22.0	3	22.4	21.9	21.9	21.9	2.9	22.4
		12	7	22.1	22.0	22.0	3	22.4	21.9	21.9	22.0	2.9	22.4
		12	13	22.0	22.0	22.1	3	22.4	22.0	21.9	22.0	2.9	22.4
		25	0	22.0	22.1	22.0	3	22.4	22.0	22.0	21.9	2.9	22.4
	256QAM	1	0	20.1	20.1	20.1	5	20.4	20.0	20.0	19.9	4.9	20.4
		1	12	20.1	20.1	20.1	5	20.4	20.0	19.9	19.9	4.9	20.4
		1	24	20.1	20.0	20.0	5	20.4	19.9	19.9	20.0	4.9	20.4
		12	0	20.1	20.0	20.1	5	20.4	20.0	20.0	19.9	4.9	20.4
		12	7	20.1	20.0	20.0	5	20.4	19.9	19.9	19.9	4.9	20.4
		12	13	20.0	20.0	20.1	5	20.4	20.0	19.9	19.9	4.9	20.4
		25	0	20.1	20.1	20.0	5	20.4	20.0	19.9	19.9	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	Maximum Output Power	26705	26865	27025	MPR	Maximum Output Power
				815.5 MHz	831.5 MHz	847.5 MHz			815.5 MHz	831.5 MHz	847.5 MHz		
3	QPSK	1	0	25.1	25.0	25.0	0	25.4	24.9	25.0	24.9	0	25.3
		1	8	25.0	25.1	25.0	0	25.4	25.0	25.0	25.0	0	25.3
		1	14	25.1	25.1	25.1	0	25.4	24.9	24.9	24.9	0	25.3
		8	0	24.1	24.0	24.1	1	24.4	24.0	24.0	23.9	0.9	24.4
		8	4	24.1	24.1	24.0	1	24.4	24.0	23.9	23.9	0.9	24.4
		8	7	24.0	24.0	24.1	1	24.4	24.0	24.0	23.9	0.9	24.4
		15	0	24.0	24.1	24.1	1	24.4	23.9	23.9	24.0	0.9	24.4
	16QAM	1	0	24.0	24.1	24.0	1	24.4	24.0	23.9	23.9	0.9	24.4
		1	8	24.1	24.0	24.1	1	24.4	24.0	23.9	23.9	0.9	24.4
		1	14	24.0	24.1	24.1	1	24.4	23.9	23.9	24.0	0.9	24.4
		8	0	23.0	23.1	23.0	2	23.4	23.0	22.9	23.0	1.9	23.4
		8	4	23.0	23.0	23.1	2	23.4	23.0	22.9	23.0	1.9	23.4
		8	7	23.1	23.0	23.1	2	23.4	23.0	23.0	22.9	1.9	23.4
		15	0	23.1	23.0	23.0	2	23.4	22.9	22.9	22.9	1.9	23.4
	64QAM	1	0	23.0	23.0	23.1	2	23.4	22.9	23.0	23.0	1.9	23.4
		1	8	23.0	23.1	23.0	2	23.4	22.9	23.0	23.0	1.9	23.4
		1	14	23.0	23.1	23.0	2	23.4	22.9	22.9	22.9	1.9	23.4
		8	0	22.1	22.1	22.1	3	22.4	22.0	22.0	22.0	2.9	22.4
		8	4	22.1	22.1	22.1	3	22.4	22.0	22.0	22.0	2.9	22.4
		8	7	22.1	22.1	22.1	3	22.4	21.9	21.9	22.0	2.9	22.4
		15	0	22.0	22.0	22.0	3	22.4	22.0	22.0	22.0	2.9	22.4
	256QAM	1	0	20.1	20.1	20.0	5	20.4	19.9	20.0	19.9	4.9	20.4
		1	8	20.1	20.1	20.1	5	20.4	19.9	20.0	20.0	4.9	20.4
		1	14	20.0	20.0	20.1	5	20.4	19.9	19.9	19.9	4.9	20.4
		8	0	20.1	20.0	20.0	5	20.4	20.0	19.9	20.0	4.9	20.4
		8	4	20.1	20.1	20.1	5	20.4	20.0	20.0	19.9	4.9	20.4
		8	7	20.1	20.1	20.1	5	20.4	19.9	19.9	20.0	4.9	20.4
		15	0	20.0	20.1	20.1	5	20.4	19.9	20.0	19.9	4.9	20.4

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26697	26865	27033	MPR	Maximum Output Power	26697	26865	27033	MPR	Maximum Output Power
				814.7 MHz	831.5 MHz	848.3 MHz			814.7 MHz	831.5 MHz	848.3 MHz		
1.4	QPSK	1	0	25.1	25.0	25.0	0	25.4	25.0	25.0	25.0	0	25.3
		1	3	25.0	25.0	25.1	0	25.4	24.9	24.9	24.9	0	25.3
		1	5	25.1	25.1	25.0	0	25.4	24.9	24.9	24.9	0	25.3
		3	0	24.1	24.0	24.1	0	25.4	23.9	23.9	24.0	0	25.3
		3	1	24.0	24.1	24.1	0	25.4	23.9	24.0	24.0	0	25.3
		3	3	24.0	24.0	24.0	0	25.4	24.0	24.0	23.9	0	25.3
		6	0	24.0	24.0	24.0	1	24.4	24.0	23.9	23.9	0.9	24.4
	16QAM	1	0	24.1	24.0	24.1	1	24.4	24.0	23.9	23.9	0.9	24.4
		1	3	24.1	24.0	24.1	1	24.4	23.9	24.0	23.9	0.9	24.4
		1	5	24.1	24.1	24.1	1	24.4	23.9	24.0	23.9	0.9	24.4
		3	0	23.0	23.0	23.0	1	24.4	22.9	23.0	22.9	0.9	24.4
		3	1	23.1	23.1	23.1	1	24.4	22.9	23.0	23.0	0.9	24.4
		3	3	23.0	23.0	23.0	1	24.4	22.9	23.0	23.0	0.9	24.4
		6	0	23.0	23.0	23.1	2	23.4	22.9	23.0	23.0	1.9	23.4
	64QAM	1	0	23.1	23.0	23.0	2	23.4	23.0	23.0	22.9	1.9	23.4
		1	3	23.0	23.1	23.1	2	23.4	23.0	23.0	23.0	1.9	23.4
		1	5	23.1	23.0	23.1	2	23.4	23.0	23.0	22.9	1.9	23.4
		3	0	22.0	22.1	22.1	2	23.4	22.0	22.0	22.0	1.9	23.4
		3	1	22.0	22.1	22.0	2	23.4	22.0	22.0	22.0	1.9	23.4
		3	3	22.0	22.0	22.1	2	23.4	22.0	22.0	22.0	1.9	23.4
		6	0	22.1	22.1	22.0	3	22.4	21.9	22.0	22.0	2.9	22.4
	256QAM	1	0	20.0	20.1	20.0	5	20.4	19.9	20.0	20.0	4.9	20.4
		1	3	20.0	20.0	20.1	5	20.4	19.9	19.9	19.9	4.9	20.4
		1	5	20.1	20.1	20.0	5	20.4	20.0	19.9	20.0	4.9	20.4
		3	0	20.1	20.0	20.1	5	20.4	20.0	19.9	19.9	4.9	20.4
		3	1	20.1	20.0	20.1	5	20.4	20.0	19.9	19.9	4.9	20.4
		3	3	20.0	20.1	20.1	5	20.4	19.9	20.0	19.9	4.9	20.4
		6	0	20.1	20.0	20.1	5	20.4	20.0	20.0	19.9	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 2310 MHz	MPR	Maximum Output Power	27710 2310 MHz	MPR	Maximum Output Power
10	QPSK	1	0	25.4	0	25.7	23.7	0	24.3
		1	25	25.4	0	25.7	23.7	0	24.3
		1	49	25.3	0	25.7	23.7	0	24.3
		25	0	24.4	1	24.7	23.7	0	24.3
		25	12	24.4	1	24.7	23.7	0	24.3
		25	25	24.4	1	24.7	23.7	0	24.3
		50	0	24.4	1	24.7	23.7	0	24.3
	16QAM	1	0	24.7	1	24.7	24.0	0	24.3
		1	25	24.7	1	24.7	24.0	0	24.3
		1	49	24.7	1	24.7	24.0	0	24.3
		25	0	23.5	2	23.7	23.5	0.6	23.7
		25	12	23.4	2	23.7	23.4	0.6	23.7
		25	25	23.4	2	23.7	23.4	0.6	23.7
		50	0	23.4	2	23.7	23.4	0.6	23.7
	64QAM	1	0	22.9	2	23.7	23.0	0.6	23.7
		1	25	23.0	2	23.7	23.0	0.6	23.7
		1	49	23.0	2	23.7	23.0	0.6	23.7
		25	0	21.8	3	22.7	21.9	1.6	22.7
		25	12	21.9	3	22.7	21.9	1.6	22.7
		25	25	21.8	3	22.7	21.9	1.6	22.7
		50	0	21.8	3	22.7	21.9	1.6	22.7
	256QAM	1	0	19.8	5	20.7	19.9	3.6	20.7
		1	25	20.0	5	20.7	20.0	3.6	20.7
		1	49	20.0	5	20.7	19.9	3.6	20.7
		25	0	19.8	5	20.7	19.8	3.6	20.7
		25	12	19.9	5	20.7	19.9	3.6	20.7
		25	25	19.9	5	20.7	19.9	3.6	20.7
		50	0	19.8	5	20.7	19.8	3.6	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
				27710 2310 MHz	MPR	Maximum Output Power	27710 2310 MHz	MPR	Maximum Output Power
5	QPSK	1	0	25.4	0	25.7	23.6	0	24.3
		1	12	25.4	0	25.7	23.7	0	24.3
		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	23.6	0	24.3
		12	13	24.3	1	24.7	23.6	0	24.3
		25	0	24.3	1	24.7	23.6	0	24.3
	16QAM	1	0	24.7	1	24.7	24.0	0	24.3
		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	23.4	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
	64QAM	1	0	22.9	2	23.7	22.9	0.6	23.7
		1	12	23.0	2	23.7	23.0	0.6	23.7
		1	24	23.0	2	23.7	23.0	0.6	23.7
		12	0	21.8	3	22.7	21.8	1.6	22.7
		12	7	21.9	3	22.7	21.9	1.6	22.7
		12	13	21.9	3	22.7	21.9	1.6	22.7
		25	0	21.9	3	22.7	21.9	1.6	22.7
	256QAM	1	0	19.9	5	20.7	19.9	3.6	20.7
		1	12	20.0	5	20.7	20.0	3.6	20.7
		1	24	19.9	5	20.7	20.0	3.6	20.7
		12	0	19.8	5	20.7	19.8	3.6	20.7
		12	7	19.9	5	20.7	19.9	3.6	20.7
		12	13	19.8	5	20.7	19.9	3.6	20.7
		25	0	19.8	5	20.7	19.8	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 2310 MHz	MPR	Maximum Output Power	27710 2310 MHz	MPR	Maximum Output Power
10	QPSK	1	0	21.2	0	22.4	21.5	0	22.2
		1	25	21.2	0	22.4	21.6	0	22.2
		1	49	21.1	0	22.4	21.5	0	22.2
		25	0	21.2	0	22.4	21.6	0	22.2
		25	12	21.2	0	22.4	21.6	0	22.2
		25	25	21.1	0	22.4	21.6	0	22.2
		50	0	21.2	0	22.4	21.6	0	22.2
	16QAM	1	0	21.4	0	22.4	21.7	0	22.2
		1	25	21.4	0	22.4	21.7	0	22.2
		1	49	21.4	0	22.4	21.7	0	22.2
		25	0	21.2	0.7	21.7	20.9	0.5	21.7
		25	12	21.2	0.7	21.7	20.9	0.5	21.7
		25	25	21.1	0.7	21.7	20.9	0.5	21.7
		50	0	21.1	0.7	21.7	20.9	0.5	21.7
	64QAM	1	0	21.3	0.7	21.7	21.1	0.5	21.7
		1	25	21.3	0.7	21.7	21.2	0.5	21.7
		1	49	21.2	0.7	21.7	21.1	0.5	21.7
		25	0	20.1	1.7	20.7	19.9	1.5	20.7
		25	12	20.2	1.7	20.7	19.9	1.5	20.7
		25	25	20.1	1.7	20.7	19.9	1.5	20.7
		50	0	20.2	1.7	20.7	19.8	1.5	20.7
	256QAM	1	0	18.3	3.7	18.7	17.9	3.5	18.7
		1	25	18.3	3.7	18.7	17.9	3.5	18.7
		1	49	18.2	3.7	18.7	17.9	3.5	18.7
		25	0	18.2	3.7	18.7	17.8	3.5	18.7
		25	12	18.2	3.7	18.7	17.9	3.5	18.7
		25	25	18.1	3.7	18.7	17.8	3.5	18.7
		50	0	18.1	3.7	18.7	17.8	3.5	18.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
				27710 2310 MHz	MPR	Maximum Output Power	27710 2310 MHz	MPR	Maximum Output Power
5	QPSK	1	0	21.1	0	22.4	21.6	0	22.2
		1	12	21.2	0	22.4	21.6	0	22.2
		1	24	21.1	0	22.4	21.5	0	22.2
		12	0	21.2	0	22.4	21.6	0	22.2
		12	7	21.2	0	22.4	21.7	0	22.2
		12	13	21.2	0	22.4	21.6	0	22.2
		25	0	21.2	0	22.4	21.6	0	22.2
	16QAM	1	0	21.5	0	22.4	21.7	0	22.2
		1	12	21.5	0	22.4	21.7	0	22.2
		1	24	21.5	0	22.4	21.7	0	22.2
		12	0	21.1	0.7	21.7	20.9	0.5	21.7
		12	7	21.2	0.7	21.7	20.9	0.5	21.7
		12	13	21.2	0.7	21.7	20.8	0.5	21.7
		25	0	21.1	0.7	21.7	20.8	0.5	21.7
	64QAM	1	0	21.4	0.7	21.7	21.0	0.5	21.7
		1	12	21.5	0.7	21.7	21.1	0.5	21.7
		1	24	21.5	0.7	21.7	21.1	0.5	21.7
		12	0	20.1	1.7	20.7	19.9	1.5	20.7
		12	7	20.1	1.7	20.7	19.9	1.5	20.7
		12	13	20.2	1.7	20.7	19.8	1.5	20.7
		25	0	20.1	1.7	20.7	19.9	1.5	20.7
	256QAM	1	0	18.2	3.7	18.7	17.9	3.5	18.7
		1	12	18.3	3.7	18.7	18.0	3.5	18.7
		1	24	18.2	3.7	18.7	17.9	3.5	18.7
		12	0	18.1	3.7	18.7	17.8	3.5	18.7
		12	7	18.1	3.7	18.7	17.9	3.5	18.7
		12	13	18.1	3.7	18.7	17.8	3.5	18.7
		25	0	18.1	3.7	18.7	17.8	3.5	18.7

LTE Band 30 Measured Results (ANT3)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)			Power Mode B (dBm)		
				27710 2310 MHz	MPR	Maximum Output Power	27710 2310 MHz	MPR	Maximum Output Power
10	QPSK	1	0	21.5	0	21.6	19.4	0	19.6
		1	25	21.6	0	21.6	19.4	0	19.6
		1	49	21.6	0	21.6	19.4	0	19.6
		25	0	21.5	0	21.6	19.3	0	19.6
		25	12	21.6	0	21.6	19.3	0	19.6
		25	25	21.5	0	21.6	19.3	0	19.6
		50	0	21.6	0	21.6	19.3	0	19.6
	16QAM	1	0	21.6	0	21.6	19.4	0	19.6
		1	25	21.6	0	21.6	19.3	0	19.6
		1	49	21.5	0	21.6	19.3	0	19.6
		25	0	21.6	0	21.6	19.3	0	19.6
		25	12	21.5	0	21.6	19.3	0	19.6
		25	25	21.6	0	21.6	19.3	0	19.6
		50	0	21.6	0	21.6	19.3	0	19.6
	64QAM	1	0	21.6	0	21.6	19.4	0	19.6
		1	25	21.5	0	21.6	19.3	0	19.6
		1	49	21.5	0	21.6	19.4	0	19.6
		25	0	21.5	0	21.6	19.3	0	19.6
		25	12	21.5	0	21.6	19.3	0	19.6
		25	25	21.6	0	21.6	19.4	0	19.6
		50	0	21.5	0	21.6	19.4	0	19.6
	256QAM	1	0	20.0	1.6	20.0	19.4	0	19.6
		1	25	20.0	1.6	20.0	19.4	0	19.6
		1	49	20.0	1.6	20.0	19.4	0	19.6
		25	0	20.0	1.6	20.0	19.4	0	19.6
		25	12	19.9	1.6	20.0	19.3	0	19.6
		25	25	19.9	1.6	20.0	19.3	0	19.6
		50	0	20.0	1.6	20.0	19.4	0	19.6

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
				27710 2310 MHz	MPR	Maximum Output Power	27710 2310 MHz	MPR	Maximum Output Power
5	QPSK	1	0	21.5	0	21.6	19.3	0	19.6
		1	12	21.6	0	21.6	19.4	0	19.6
		1	24	21.5	0	21.6	19.3	0	19.6
		12	0	21.6	0	21.6	19.4	0	19.6
		12	7	21.5	0	21.6	19.3	0	19.6
		12	13	21.6	0	21.6	19.4	0	19.6
		25	0	21.5	0	21.6	19.4	0	19.6
	16QAM	1	0	21.6	0	21.6	19.4	0	19.6
		1	12	21.5	0	21.6	19.4	0	19.6
		1	24	21.6	0	21.6	19.4	0	19.6
		12	0	21.5	0	21.6	19.3	0	19.6
		12	7	21.6	0	21.6	19.3	0	19.6
		12	13	21.5	0	21.6	19.3	0	19.6
		25	0	21.6	0	21.6	19.4	0	19.6
	64QAM	1	0	21.6	0	21.6	19.3	0	19.6
		1	12	21.5	0	21.6	19.3	0	19.6
		1	24	21.5	0	21.6	19.4	0	19.6
		12	0	21.6	0	21.6	19.3	0	19.6
		12	7	21.5	0	21.6	19.4	0	19.6
		12	13	21.6	0	21.6	19.4	0	19.6
		25	0	21.5	0	21.6	19.4	0	19.6
	256QAM	1	0	19.9	1.6	20.0	19.3	0	19.6
		1	12	19.9	1.6	20.0	19.3	0	19.6
		1	24	19.9	1.6	20.0	19.3	0	19.6
		12	0	19.9	1.6	20.0	19.4	0	19.6
		12	7	20.0	1.6	20.0	19.4	0	19.6
		12	13	19.9	1.6	20.0	19.3	0	19.6
		25	0	20.0	1.6	20.0	19.3	0	19.6

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	Maximum Output Power	27710 2310 MHz	MPR	Maximum Output Power
10	QPSK	1	0	20.5	0	21.4	18.5	0	19.9
		1	25	20.7	0	21.4	18.5	0	19.9
		1	49	20.6	0	21.4	18.2	0	19.9
		25	0	20.6	0	21.4	18.5	0	19.9
		25	12	20.7	0	21.4	18.5	0	19.9
		25	25	20.5	0	21.4	18.5	0	19.9
		50	0	20.7	0	21.4	18.4	0	19.9
	16QAM	1	0	20.5	0	21.4	18.3	0	19.9
		1	25	20.5	0	21.4	18.4	0	19.9
		1	49	20.4	0	21.4	18.3	0	19.9
		25	0	19.8	0.7	20.7	18.4	0	19.9
		25	12	20.0	0.7	20.7	18.3	0	19.9
		25	25	19.8	0.7	20.7	18.5	0	19.9
		50	0	20.0	0.7	20.7	18.3	0	19.9
	64QAM	1	0	19.8	0.7	20.7	18.5	0	19.9
		1	25	19.9	0.7	20.7	18.3	0	19.9
		1	49	19.9	0.7	20.7	18.4	0	19.9
		25	0	18.9	1.7	19.7	18.2	0.2	19.7
		25	12	18.8	1.7	19.7	18.2	0.2	19.7
		25	25	18.8	1.7	19.7	18.0	0.2	19.7
		50	0	18.9	1.7	19.7	18.2	0.2	19.7
	256QAM	1	0	16.9	3.7	17.7	16.1	2.2	17.7
		1	25	16.8	3.7	17.7	16.0	2.2	17.7
		1	49	16.8	3.7	17.7	16.1	2.2	17.7
		25	0	17.0	3.7	17.7	16.1	2.2	17.7
		25	12	17.0	3.7	17.7	16.1	2.2	17.7
		25	25	16.8	3.7	17.7	16.0	2.2	17.7
		50	0	16.9	3.7	17.7	16.1	2.2	17.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
				27710 2310 MHz	MPR	Maximum Output Power	27710 2310 MHz	MPR	Maximum Output Power
5	QPSK	1	0	20.6	0	21.4	18.4	0	19.9
		1	12	20.7	0	21.4	18.4	0	19.9
		1	24	20.4	0	21.4	18.4	0	19.9
		12	0	20.5	0	21.4	18.4	0	19.9
		12	7	20.5	0	21.4	18.3	0	19.9
		12	13	20.6	0	21.4	18.5	0	19.9
		25	0	20.6	0	21.4	18.3	0	19.9
	16QAM	1	0	20.6	0	21.4	18.4	0	19.9
		1	12	20.5	0	21.4	18.3	0	19.9
		1	24	20.6	0	21.4	18.5	0	19.9
		12	0	19.8	0.7	20.7	18.5	0	19.9
		12	7	20.0	0.7	20.7	18.5	0	19.9
		12	13	19.9	0.7	20.7	18.3	0	19.9
		25	0	19.8	0.7	20.7	18.5	0	19.9
	64QAM	1	0	19.9	0.7	20.7	18.3	0	19.9
		1	12	19.7	0.7	20.7	18.5	0	19.9
		1	24	19.7	0.7	20.7	18.4	0	19.9
		12	0	18.7	1.7	19.7	18.2	0.2	19.7
		12	7	18.8	1.7	19.7	18.2	0.2	19.7
		12	13	18.8	1.7	19.7	18.1	0.2	19.7
		25	0	18.7	1.7	19.7	18.2	0.2	19.7
	256QAM	1	0	16.9	3.7	17.7	16.3	2.2	17.7
		1	12	17.0	3.7	17.7	16.2	2.2	17.7
		1	24	16.8	3.7	17.7	16.1	2.2	17.7
		12	0	16.7	3.7	17.7	16.2	2.2	17.7
		12	7	16.8	3.7	17.7	16.2	2.2	17.7
		12	13	16.9	3.7	17.7	16.2	2.2	17.7
		25	0	17.0	3.7	17.7	16.1	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	Maximum Output Power	39750	40185	40620	41055	41490	MPR	Maximum Output Power
				2506 MHz	2549.5 MHz	2593 MHz	2636.5 MHz	2680 MHz			2506 MHz	2549.5 MHz	2593 MHz	2636.5 MHz	2680 MHz		
20	QPSK	1	0	24.3	24.2	24.5	24.6	24.5	0	25.7	22.2	22.2	22.4	22.5	22.3	0	22.8
		1	49	24.4	24.3	24.6	24.6	24.5	0	25.7	22.2	22.2	22.4	22.5	22.4	0	22.8
		1	99	24.4	24.3	24.6	24.6	24.5	0	25.7	22.2	22.2	22.4	22.5	22.4	0	22.8
		50	0	23.4	23.4	23.6	23.7	23.6	1	24.7	22.3	22.3	22.5	22.5	22.5	0	22.8
		50	24	23.4	23.5	23.6	23.8	23.6	1	24.7	22.3	22.4	22.5	22.5	22.5	0	22.8
		50	50	23.4	23.4	23.6	23.7	23.6	1	24.7	22.3	22.3	22.5	22.5	22.5	0	22.8
		100	0	23.4	23.5	23.6	23.6	23.6	1	24.7	22.3	22.3	22.5	22.5	22.5	0	22.8
	16QAM	1	0	23.5	23.4	23.7	23.7	23.6	1	24.7	22.5	22.2	22.5	22.5	22.5	0	22.8
		1	49	23.6	23.6	23.9	23.8	23.6	1	24.7	22.5	22.4	22.5	22.5	22.5	0	22.8
		1	99	23.5	23.6	23.9	23.8	23.7	1	24.7	22.4	22.3	22.5	22.5	22.5	0	22.8
		50	0	22.5	22.4	22.7	22.7	22.6	2	23.7	22.2	22.1	22.3	22.4	22.3	0	22.8
		50	24	22.4	22.5	22.6	22.8	22.7	2	23.7	22.2	22.2	22.3	22.5	22.4	0	22.8
		50	50	22.4	22.4	22.7	22.7	22.6	2	23.7	22.2	22.1	22.4	22.4	22.3	0	22.8
		100	0	22.4	22.4	22.6	22.7	22.6	2	23.7	22.1	22.2	22.3	22.4	22.3	0	22.8
	64QAM	1	0	22.3	22.3	22.5	22.7	22.6	2	23.7	22.1	22.0	22.2	22.3	22.2	0	22.8
		1	49	22.3	22.4	22.6	22.7	22.7	2	23.7	22.0	22.1	22.3	22.4	22.2	0	22.8
		1	99	22.2	22.5	22.7	22.8	22.7	2	23.7	22.1	22.1	22.5	22.5	22.3	0	22.8
		50	0	21.5	21.4	21.7	21.7	21.6	3	22.7	21.2	21.1	21.4	21.4	21.3	0.1	22.7
		50	24	21.4	21.5	21.6	21.8	21.7	3	22.7	21.1	21.1	21.3	21.4	21.3	0.1	22.7
		50	50	21.4	21.4	21.7	21.7	21.6	3	22.7	21.2	21.0	21.4	21.4	21.3	0.1	22.7
		100	0	21.4	21.5	21.6	21.8	21.6	3	22.7	21.2	21.1	21.3	21.4	21.3	0.1	22.7
	256QAM	1	0	19.5	19.4	19.5	19.6	19.6	5	20.7	19.1	19.0	19.2	19.4	19.3	2.1	20.7
		1	49	19.5	19.5	19.5	19.6	19.6	5	20.7	19.0	19.1	19.2	19.4	19.3	2.1	20.7
		1	99	19.5	19.5	19.6	19.6	19.6	5	20.7	19.1	19.2	19.3	19.4	19.4	2.1	20.7
		50	0	19.4	19.4	19.7	19.7	19.6	5	20.7	19.2	19.1	19.3	19.4	19.3	2.1	20.7
		50	24	19.4	19.5	19.7	19.8	19.7	5	20.7	19.2	19.1	19.3	19.4	19.4	2.1	20.7
		50	50	19.4	19.4	19.7	19.7	19.6	5	20.7	19.2	19.1	19.4	19.4	19.3	2.1	20.7
		100	0	19.3	19.5	19.6	19.7	19.6	5	20.7	19.2	19.1	19.3	19.4	19.3	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	Maximum Output Power	39750	40185	40620	41055	41490	MPR	Maximum Output Power
				2506 MHz	2549.5 MHz	2593 MHz	2636.5 MHz	2680 MHz			2506 MHz	2549.5 MHz	2593 MHz	2636.5 MHz	2680 MHz		
15	QPSK	1	0	24.4	24.3	24.5	24.6	24.5	0	25.7	22.2	22.2	22.4	22.4	22.4	0	22.8
		1	37	24.4	24.3	24.6	24.6	24.5	0	25.7	22.3	22.2	22.4	22.5	22.4	0	22.8
		1	74	24.3	24.4	24.6	24.7	24.5	0	25.7	22.2	22.3	22.5	22.5	22.4	0	22.8
		36	0	23.5	23.4	23.7	23.7	23.6	1	24.7	22.4	22.3	22.5	22.5	22.5	0	22.8
		36	20	23.5	23.5	23.6	23.7	23.6	1	24.7	22.4	22.4	22.5	22.5	22.5	0	22.8
		36	39	23.4	23.4	23.7	23.7	23.6	1	24.7	22.3	22.3	22.5	22.5	22.5	0	22.8
		75	0	23.5	23.5	23.6	23.8	23.6	1	24.7	22.3	22.4	22.5	22.5	22.5	0	22.8
	16QAM	1	0	23.3	23.3	23.5	23.5	23.5	1	24.7	22.2	22.2	22.3	22.4	22.3	0	22.8
		1	37	23.4	23.3	23.5	23.6	23.6	1	24.7	22.2	22.2	22.4	22.4	22.4	0	22.8
		1	74	23.3	23.4	23.6	23.6	23.6	1	24.7	22.2	22.3	22.5	22.5	22.4	0	22.8
		36	0	22.5	22.4	22.7	22.7	22.6	2	23.7	22.2	22.1	22.3	22.4	22.3	0	22.8
		36	20	22.5	22.5	22.6	22.7	22.6	2	23.7	22.2	22.2	22.3	22.4	22.3	0	22.8
		36	39	22.4	22.4	22.6	22.7	22.6	2	23.7	22.1	22.1	22.3	22.4	22.3	0	22.8
		75	0	22.4	22.5	22.6	22.8	22.6	2	23.7	22.1	22.2	22.3	22.4	22.3	0	22.8
	64QAM	1	0	22.2	22.4	22.5	22.5	22.5	2	23.7	22.1	21.8	22.2	22.3	22.1	0	22.8
		1	37	22.3	22.5	22.5	22.6	22.4	2	23.7	22.1	22.0	22.3	22.3	22.2	0	22.8
		1	74	22.2	22.4	22.6	22.6	22.5	2	23.7	22.0	22.1	22.4	22.3	22.2	0	22.8
		36	0	21.5	21.4	21.6	21.7	21.6	3	22.7	21.2	21.1	21.3	21.4	21.3	0.1	22.7
		36	20	21.5	21.4	21.6	21.7	21.6	3	22.7	21.2	21.2	21.3	21.4	21.3	0.1	22.7
		36	39	21.4	21.4	21.6	21.7	21.6	3	22.7	21.1	21.1	21.3	21.4	21.2	0.1	22.7
		75	0	21.4	21.4	21.6	21.7	21.6	3	22.7	21.1	21.2	21.3	21.4	21.3	0.1	22.7
	256QAM	1	0	19.4	19.3	19.5	19.7	19.5	5	20.7	19.1	19.1	19.2	19.3	19.2	2.1	20.7
		1	37	19.4	19.4	19.6	19.7	19.6	5	20.7	19.1	19.0	19.3	19.3	19.2	2.1	20.7
		1	74	19.4	19.5	19.6	19.7	19.6	5	20.7	19.2	19.1	19.3	19.4	19.2	2.1	20.7
		36	0	19.5	19.4	19.6	19.7	19.6	5	20.7	19.2	19.1	19.3	19.4	19.3	2.1	20.7
		36	20	19.5	19.4	19.6	19.7	19.6	5	20.7	19.2	19.2	19.3	19.4	19.3	2.1	20.7
		36	39	19.5	19.4	19.6	19.7	19.6	5	20.7	19.1	19.1	19.3	19.4	19.3	2.1	20.7
		75	0	19.4	19.4	19.6	19.8	19.6	5	20.7	19.1	19.2	19.3	19.4	19.3	2.1	20.7

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

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)							Power Mode B (dBm)						
				39750	40185	40620	41055	41490	MPR	Maximum Output Power	39750	40185	40620	41055	41490	MPR	Maximum Output Power
				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	24.6	24.5	24.8	24.8	24.6	0	25.7	22.4	22.3	22.5	22.5	22.5	0	22.8
		1	25	24.6	24.5	24.8	24.8	24.7	0	25.7	22.4	22.4	22.5	22.5	22.5	0	22.8
		1	49	24.5	24.5	23.8	24.8	24.7	0	25.7	22.4	22.4	22.5	22.5	22.5	0	22.8
		25	0	23.6	23.6	23.8	23.8	23.7	1	24.7	22.5	22.5	22.5	22.5	22.5	0	22.8
		25	12	23.6	23.6	23.8	23.9	23.8	1	24.7	22.5	22.5	22.5	22.5	22.5	0	22.8
		25	25	23.6	23.5	23.8	23.8	23.8	1	24.7	22.4	22.4	22.5	22.5	22.5	0	22.8
		50	0	23.6	23.6	23.7	23.9	23.8	1	24.7	22.4	22.5	22.5	22.5	22.5	0	22.8
	16QAM	1	0	23.5	23.5	23.8	23.8	23.5	1	24.7	22.4	22.2	22.5	22.5	22.5	0	22.8
		1	25	23.5	23.4	23.7	23.8	23.7	1	24.7	22.4	22.4	22.5	22.5	22.5	0	22.8
		1	49	23.5	23.5	22.8	23.8	23.6	1	24.7	22.4	22.4	22.5	22.5	22.5	0	22.8
		25	0	22.6	22.6	22.8	22.9	22.8	2	23.7	22.3	22.3	22.5	22.5	22.4	0	22.8
		25	12	22.6	22.6	22.8	22.9	22.8	2	23.7	22.4	22.3	22.5	22.5	22.5	0	22.8
		25	25	22.6	22.5	22.8	22.8	22.8	2	23.7	22.3	22.3	22.5	22.5	22.5	0	22.8
		50	0	22.5	22.6	22.8	22.9	22.8	2	23.7	22.2	22.3	22.4	22.5	22.5	0	22.8
	64QAM	1	0	22.5	22.4	22.9	22.8	22.7	2	23.7	22.2	22.0	22.5	22.5	22.4	0	22.8
		1	25	22.6	22.5	22.9	22.9	22.8	2	23.7	22.2	22.1	22.5	22.5	22.5	0	22.8
		1	49	22.5	22.5	21.8	22.8	22.7	2	23.7	22.1	22.1	22.5	22.5	22.5	0	22.8
		25	0	21.6	21.5	21.8	21.9	21.8	3	22.7	21.3	21.3	21.5	21.5	21.4	0.1	22.7
		25	12	21.6	21.6	21.8	21.9	21.8	3	22.7	21.3	21.3	21.4	21.6	21.5	0.1	22.7
		25	25	21.5	21.5	21.7	21.8	21.8	3	22.7	21.3	21.3	21.5	21.5	21.5	0.1	22.7
		50	0	21.5	21.6	21.5	21.9	21.8	3	22.7	21.2	21.3	21.4	21.6	21.5	0.1	22.7
	256QAM	1	0	19.5	19.4	19.8	19.7	19.6	5	20.7	19.2	19.1	19.4	19.5	19.4	2.1	20.7
		1	25	19.6	19.5	19.7	19.8	19.7	5	20.7	19.3	19.3	19.5	19.6	19.5	2.1	20.7
		1	49	19.6	19.4	19.8	19.7	19.6	5	20.7	19.2	19.3	19.5	19.5	19.4	2.1	20.7
		25	0	19.6	19.5	19.7	19.8	19.8	5	20.7	19.3	19.3	19.5	19.5	19.4	2.1	20.7
		25	12	19.6	19.6	19.8	19.9	19.8	5	20.7	19.3	19.3	19.4	19.6	19.4	2.1	20.7
		25	25	19.5	19.5	19.7	19.8	19.8	5	20.7	19.3	19.2	19.5	19.5	19.5	2.1	20.7
		50	0	19.5	19.5	19.5	19.9	19.8	5	20.7	19.2	19.3	19.4	19.5	19.4	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	Maximum Output Power	39750	40185	40620	41055	41490	MPR	Maximum Output Power
				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	24.5	24.7	24.7	24.6	0	25.7	22.4	22.3	22.5	22.5	22.5	0	22.8
		1	12	24.6	24.6	24.8	24.8	24.7	0	25.7	22.5	22.4	22.5	22.5	22.5	0	22.8
		1	24	24.5	24.5	24.7	24.7	24.6	0	25.7	22.4	22.4	22.5	22.5	22.5	0	22.8
		12	0	23.6	23.6	23.8	23.8	23.7	1	24.7	22.5	22.4	22.5	22.5	22.5	0	22.8
		12	7	23.6	23.6	23.8	23.9	23.7	1	24.7	22.5	22.5	22.5	22.5	22.5	0	22.8
		12	13	23.5	23.6	23.7	23.8	23.7	1	24.7	22.4	22.5	22.5	22.5	22.5	0	22.8
		25	0	23.6	23.6	23.7	23.8	23.7	1	24.7	22.5	22.5	22.5	22.5	22.5	0	22.8
	16QAM	1	0	23.6	23.6	23.7	23.7	23.6	1	24.7	22.4	22.4	22.5	22.5	22.5	0	22.8
		1	12	23.7	23.6	23.8	23.8	23.7	1	24.7	22.5	22.5	22.5	22.5	22.5	0	22.8
		1	24	23.6	23.6	23.8	23.8	23.7	1	24.7	22.5	22.4	22.5	22.5	22.5	0	22.8
		12	0	22.7	22.6	22.9	22.8	22.9	2	23.7	22.3	22.2	22.5	22.5	22.4	0	22.8
		12	7	22.7	22.6	22.9	22.9	22.9	2	23.7	22.4	22.3	22.5	22.5	22.5	0	22.8
		12	13	22.6	22.6	22.8	22.9	22.9	2	23.7	22.3	22.3	22.5	22.5	22.4	0	22.8
		25	0	22.6	22.6	22.7	22.9	22.8	2	23.7	22.3	22.3	22.4	22.5	22.4	0	22.8
	64QAM	1	0	22.6	22.5	22.7	22.7	22.6	2	23.7	22.2	22.3	22.4	22.5	22.4	0	22.8
		1	12	22.7	22.6	22.8	22.9	22.7	2	23.7	22.3	22.4	22.5	22.5	22.5	0	22.8
		1	24	22.7	22.6	22.7	22.8	22.6	2	23.7	22.2	22.2	22.4	22.5	22.4	0	22.8
		12	0	21.6	21.6	21.8	21.8	21.7	3	22.7	21.3	21.3	21.5	21.5	21.5	0.1	22.7
		12	7	21.6	21.6	21.8	21.9	21.8	3	22.7	21.4	21.3	21.5	21.6	21.5	0.1	22.7
		12	13	21.5	21.6	21.7	21.8	21.7	3	22.7	21.3	21.3	21.4	21.5	21.4	0.1	22.7
		25	0	21.6	21.6	21.7	21.8	21.8	3	22.7	21.3	21.3	21.4	21.5	21.5	0.1	22.7
	256QAM	1	0	19.5	19.5	19.8	19.8	19.7	5	20.7	19.3	19.3	19.5	19.5	19.4	2.1	20.7
		1	12	19.6	19.6	19.9	19.8	19.8	5	20.7	19.3	19.4	19.5	19.6	19.5	2.1	20.7
		1	24	19.5	19.6	19.8	19.7	19.7	5	20.7	19.2	19.3	19.4	19.5	19.3	2.1	20.7
		12	0	19.6	19.6	19.8	19.8	19.7	5	20.7	19.3	19.3	19.5	19.5	19.4	2.1	20.7
		12	7	19.6	19.6	19.8	19.8	19.8	5	20.7	19.3	19.3	19.5	19.6	19.5	2.1	20.7
		12	13	19.5	19.6	19.7	19.8	19.8	5	20.7	19.2	19.3	19.4	19.5	19.4	2.1	20.7
		25	0	19.6	19.6	19.7	19.8	19.7	5	20.7	19.3	19.3	19.4	19.5	19.4	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	Maximum Output Power	39750	40185	40620	41055	41490	MPR	Maximum Output Power
				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	19.7	19.6	19.7	19.7	19.6	0	20.6	20.6	20.6	20.4	20.6	20.5	0	21.2
		1	49	19.8	19.7	19.7	19.7	19.7	0	20.6	20.6	20.5	20.4	20.6	20.5	0	21.2
		1	99	19.6	19.7	19.7	19.7	19.6	0	20.6	20.6	20.5	20.4	20.6	20.5	0	21.2
		50	0	19.7	19.7	19.8	19.8	19.7	0	20.6	20.7	20.5	20.6	20.5	20.5	0	21.2
		50	24	19.7	19.7	19.8	19.9	19.9	0	20.6	20.7	20.5	20.6	20.7	20.6	0	21.2
		50	50	19.6	19.7	19.7	19.8	19.6	0	20.6	20.7	20.5	20.6	20.7	20.6	0	21.2
		100	0	19.7	19.7	19.7	19.7	19.7	0	20.6	20.7	20.5	20.6	20.7	20.6	0	21.2
	16QAM	1	0	19.8	19.7	19.8	19.9	19.7	0	20.6	20.7	20.7	20.7	20.6	20.6	0	21.2
		1	49	19.8	19.8	19.8	19.9	19.7	0	20.6	20.8	20.8	20.6	20.6	20.6	0	21.2
		1	99	19.7	19.7	19.9	20.0	19.7	0	20.6	20.7	20.6	20.6	20.7	20.7	0	21.2
		50	0	19.8	19.7	19.8	19.9	19.7	0	20.6	20.8	20.7	20.7	20.7	20.7	0	21.2
		50	24	19.7	19.7	19.9	19.9	19.7	0	20.6	20.7	20.7	20.7	20.7	20.6	0	21.2
		50	50	19.7	19.7	19.8	19.8	19.6	0	20.6	20.7	20.6	20.6	20.6	20.6	0	21.2
		100	0	19.8	19.7	19.8	19.9	19.7	0	20.6	20.7	20.7	20.7	20.7	20.7	0	21.2
	64QAM	1	0	19.4	19.5	19.3	19.4	19.4	0	20.6	20.4	20.2	20.3	20.3	20.3	0	21.2
		1	49	19.5	19.6	19.4	19.5	19.4	0	20.6	20.4	20.3	20.3	20.4	20.2	0	21.2
		1	99	19.5	19.5	19.5	19.6	19.4	0	20.6	20.5	20.3	20.3	20.5	20.4	0	21.2
		50	0	19.6	19.6	19.6	19.5	19.5	0	20.6	20.4	20.4	20.4	20.4	20.3	0	21.2
		50	24	19.6	19.6	19.6	19.6	19.5	0	20.6	20.4	20.3	20.4	20.4	20.3	0	21.2
		50	50	19.6	19.6	19.6	19.5	19.5	0	20.6	20.4	20.4	20.4	20.4	20.3	0	21.2
		100	0	19.6	19.5	19.6	19.6	19.5	0	20.6	20.4	20.3	20.4	20.4	20.3	0	21.2
	256QAM	1	0	19.5	19.4	19.4	19.5	19.3	0	20.6	20.3	20.2	20.1	20.2	20.1	0.5	20.7
		1	49	19.7	19.5	19.5	19.5	19.3	0	20.6	20.3	20.2	20.2	20.1	20.0	0.5	20.7
		1	99	19.7	19.5	19.5	19.6	19.5	0	20.6	20.4	20.3	20.2	20.3	20.1	0.5	20.7
		50	0	19.6	19.6	19.5	19.6	19.5	0	20.6	20.3	20.3	20.3	20.3	20.2	0.5	20.7
		50	24	19.6	19.6	19.6	19.6	19.5	0	20.6	20.3	20.3	20.3	20.3	20.3	0.5	20.7
		50	50	19.6	19.6	19.5	19.5	19.5	0	20.6	20.3	20.3	20.3	20.2	20.2	0.5	20.7
		100	0	19.5	19.6	19.6	19.6	19.5	0	20.6	20.3	20.2	20.3	20.3	20.2	0.5	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)							Power Mode B (dBm)						
				39750	40185	40620	41055	41490	MPR	Maximum Output Power	39750	40185	40620	41055	41490	MPR	Maximum Output Power
				2506 MHz	2549.5 MHz	2593 MHz	2636.5 MHz	2680 MHz			2506 MHz	2549.5 MHz	2593 MHz	2636.5 MHz	2680 MHz		
15	QPSK	1	0	19.6	19.6	19.7	19.7	19.8	0	20.6	20.6	20.5	20.5	20.5	20.5	0	21.2
		1	37	19.6	19.7	19.7	19.8	19.8	0	20.6	20.7	20.6	20.5	20.5	20.5	0	21.2
		1	74	19.5	19.7	19.7	19.8	19.8	0	20.6	20.6	20.6	20.6	20.5	20.6	0	21.2
		36	0	19.7	19.7	19.8	19.9	19.9	0	20.6	20.7	20.6	20.6	20.6	20.7	0	21.2
		36	20	19.7	19.7	19.8	19.9	19.9	0	20.6	20.7	20.7	20.6	20.6	20.6	0	21.2
		36	39	19.6	19.7	19.8	19.8	19.8	0	20.6	20.6	20.6	20.6	20.5	20.6	0	21.2
		75	0	19.7	19.8	19.9	19.9	19.9	0	20.6	20.7	20.7	20.6	20.6	20.7	0	21.2
	16QAM	1	0	19.6	19.7	19.8	19.7	19.7	0	20.6	20.6	20.4	20.5	20.6	20.5	0	21.2
		1	37	19.6	19.7	19.8	19.7	19.8	0	20.6	20.7	20.5	20.6	20.6	20.5	0	21.2
		1	74	19.4	19.7	19.8	19.7	19.8	0	20.6	20.6	20.5	20.6	20.6	20.5	0	21.2
		36	0	19.7	19.7	19.9	19.9	19.9	0	20.6	20.7	20.7	20.7	20.6	20.7	0	21.2
		36	20	19.7	19.8	19.9	19.9	19.9	0	20.6	20.7	20.6	20.6	20.6	20.7	0	21.2
		36	39	19.6	19.7	19.8	19.8	19.8	0	20.6	20.7	20.6	20.6	20.6	20.6	0	21.2
		75	0	19.7	19.8	19.9	19.9	19.9	0	20.6	20.7	20.7	20.6	20.6	20.7	0	21.2
	64QAM	1	0	19.4	19.5	19.3	19.3	19.3	0	20.6	20.4	20.1	20.2	20.1	20.1	0	21.2
		1	37	19.5	19.4	19.3	19.4	19.3	0	20.6	20.4	20.2	20.3	20.1	20.0	0	21.2
		1	74	19.4	19.5	19.4	19.5	19.2	0	20.6	20.1	20.2	20.3	20.3	20.2	0	21.2
		36	0	19.6	19.5	19.5	19.5	19.5	0	20.6	20.4	20.4	20.4	20.3	20.3	0	21.2
		36	20	19.6	19.5	19.5	19.5	19.5	0	20.6	20.4	20.4	20.4	20.3	20.3	0	21.2
		36	39	19.5	19.5	19.5	19.5	19.4	0	20.6	20.4	20.3	20.3	20.3	20.2	0	21.2
		75	0	19.6	19.5	19.5	19.6	19.5	0	20.6	20.4	20.3	20.4	20.3	20.3	0	21.2
	256QAM	1	0	19.5	19.4	19.3	19.4	19.3	0	20.6	20.3	20.2	20.1	20.1	20.1	0.5	20.7
		1	37	19.6	19.5	19.3	19.5	19.3	0	20.6	20.3	20.2	20.1	20.2	20.2	0.5	20.7
		1	74	19.6	19.5	19.3	19.6	19.4	0	20.6	20.3	20.2	20.1	20.2	20.1	0.5	20.7
		36	0	19.6	19.5	19.5	19.5	19.5	0	20.6	20.3	20.3	20.2	20.2	20.2	0.5	20.7
		36	20	19.6	19.5	19.5	19.6	19.5	0	20.6	20.4	20.3	20.3	20.2	20.2	0.5	20.7
		36	39	19.6	19.5	19.5	19.5	19.4	0	20.6	20.3	20.3	20.2	20.2	20.1	0.5	20.7
		75	0	19.5	19.5	19.5	19.6	19.5	0	20.6	20.3	20.2	20.3	20.2	20.2	0.5	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	Maximum Output Power	39750	40185	40620	41055	41490	MPR	Maximum Output Power
				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	19.9	19.8	19.9	19.9	19.9	0	20.6	20.9	20.7	20.7	20.7	20.7	0	21.2
		1	25	19.9	19.9	19.9	20.0	20.0	0	20.6	20.9	20.8	20.7	20.7	20.8	0	21.2
		1	49	19.8	19.8	19.9	19.9	19.9	0	20.6	20.8	20.7	20.7	20.7	20.7	0	21.2
		25	0	19.9	19.9	20.0	20.0	20.0	0	20.6	20.9	20.8	20.8	20.8	20.8	0	21.2
		25	12	19.9	19.9	20.0	20.0	20.0	0	20.6	20.9	20.8	20.8	20.8	20.8	0	21.2
		25	25	19.8	19.8	19.9	20.0	19.9	0	20.6	20.8	20.8	20.7	20.7	20.7	0	21.2
		50	0	19.9	19.9	20.0	20.0	20.0	0	20.6	20.8	20.8	20.8	20.8	20.8	0	21.2
	16QAM	1	0	19.9	19.7	20.0	20.0	19.9	0	20.6	21.0	20.7	20.8	20.8	20.6	0	21.2
		1	25	20.0	19.9	20.0	20.1	19.9	0	20.6	20.9	20.7	20.8	20.8	20.7	0	21.2
		1	49	19.9	19.8	20.0	20.0	19.9	0	20.6	20.9	20.6	20.7	20.8	20.6	0	21.2
		25	0	19.9	19.9	20.1	20.0	20.0	0	20.6	20.9	20.8	20.8	20.8	20.8	0	21.2
		25	12	19.9	19.9	20.1	20.0	20.0	0	20.6	20.8	20.9	20.8	20.8	20.8	0	21.2
		25	25	19.8	19.8	20.0	20.1	20.0	0	20.6	20.8	20.8	20.7	20.7	20.7	0	21.2
		50	0	19.9	19.9	20.0	20.1	20.1	0	20.6	20.8	20.8	20.8	20.8	20.8	0	21.2
	64QAM	1	0	19.7	19.5	19.7	19.6	19.5	0	20.6	20.6	20.3	20.4	20.5	20.2	0	21.2
		1	25	19.7	19.6	19.8	19.7	19.6	0	20.6	20.6	20.4	20.6	20.6	20.3	0	21.2
		1	49	19.7	19.5	19.7	19.6	19.5	0	20.6	20.6	20.4	20.6	20.5	20.3	0	21.2
		25	0	19.8	19.7	19.7	19.6	19.6	0	20.6	20.6	20.5	20.5	20.5	20.5	0	21.2
		25	12	19.7	19.7	19.7	19.7	19.6	0	20.6	20.6	20.6	20.6	20.5	20.5	0	21.2
		25	25	19.7	19.6	19.6	19.6	19.5	0	20.6	20.6	20.5	20.4	20.5	20.4	0	21.2
		50	0	19.7	19.6	19.7	19.7	19.6	0	20.6	20.6	20.5	20.5	20.5	20.5	0	21.2
	256QAM	1	0	19.6	19.6	19.5	19.5	19.5	0	20.6	20.3	20.3	20.3	20.3	20.2	0.5	20.7
		1	25	19.7	19.6	19.6	19.6	19.6	0	20.6	20.5	20.4	20.3	20.4	20.3	0.5	20.7
		1	49	19.6	19.5	19.4	19.5	19.4	0	20.6	20.3	20.3	20.3	20.3	20.2	0.5	20.7
		25	0	19.8	19.7	19.6	19.6	19.6	0	20.6	20.5	20.4	20.4	20.4	20.3	0.5	20.7
		25	12	19.8	19.7	19.7	19.7	19.6	0	20.6	20.5	20.5	20.5	20.5	20.4	0.5	20.7
		25	25	19.7	19.6	19.6	19.6	19.5	0	20.6	20.5	20.4	20.4	20.4	20.3	0.5	20.7
		50	0	19.7	19.6	19.7	19.6	19.6	0	20.6	20.4	20.4	20.4	20.4	20.3	0.5	20.7
BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)							Power Mode B (dBm)						
				39750	40185	40620	41055	41490	MPR	Maximum Output Power	39750	40185	40620	41055	41490	MPR	Maximum Output Power
				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	19.8	19.8	19.9	19.9	19.9	0	20.6	20.8	20.8	20.7	20.7	20.7	0	21.2
		1	12	19.9	19.9	20.0	20.0	20.0	0	20.6	20.9	20.8	20.7	20.7	20.8	0	21.2
		1	24	19.8	19.8	19.9	19.9	19.9	0	20.6	20.8	20.7	20.7	20.7	20.7	0	21.2
		12	0	19.9	19.9	20.0	20.0	20.0	0	20.6	20.9	20.8	20.8	20.8	20.8	0	21.2
		12	7	19.9	19.9	20.0	20.0	20.0	0	20.6	20.8	20.8	20.8	20.8	20.8	0	21.2
		12	13	19.8	19.8	19.9	20.0	20.0	0	20.6	20.8	20.7	20.7	20.8	20.8	0	21.2
		25	0	19.9	19.9	19.9	20.0	20.0	0	20.6	20.8	20.8	20.8	20.8	20.8	0	21.2
	16QAM	1	0	19.9	19.8	20.1	20.0	19.9	0	20.6	20.8	20.9	20.7	20.7	20.9	0	21.2
		1	12	20.0	19.9	20.2	20.1	20.0	0	20.6	20.9	21.0	20.9	20.8	21.0	0	21.2
		1	24	19.9	19.8	20.0	20.0	19.9	0	20.6	20.8	20.8	20.8	20.7	20.8	0	21.2
		12	0	19.9	19.8	19.9	19.9	20.1	0	20.6	20.9	20.8	20.8	20.7	20.9	0	21.2
		12	7	20.0	19.9	20.0	20.0	20.1	0	20.6	20.9	20.9	20.9	20.8	20.9	0	21.2
		12	13	19.8	19.8	19.9	20.0	20.1	0	20.6	20.9	20.7	20.8	20.7	20.9	0	21.2
		25	0	19.9	19.9	20.0	20.0	20.0	0	20.6	20.8	20.8	20.8	20.8	20.8	0	21.2
	64QAM	1	0	19.7	19.6	19.6	19.5	19.5	0	20.6	20.5	20.5	20.4	20.4	20.3	0	21.2
		1	12	19.8	19.7	19.7	19.6	19.6	0	20.6	20.4	20.5	20.4	20.5	20.4	0	21.2
		1	24	19.8	19.6	19.6	19.5	19.5	0	20.6	20.5	20.5	20.3	20.4	20.4	0	21.2
		12	0	19.7	19.6	19.6	19.7	19.5	0	20.6	20.6	20.5	20.4	20.5	20.4	0	21.2
		12	7	19.7	19.6	19.7	19.7	19.6	0	20.6	20.5	20.5	20.5	20.5	20.5	0	21.2
		12	13	19.7	19.6	19.6	19.6	19.6	0	20.6	20.5	20.4	20.4	20.5	20.5	0	21.2
		25	0	19.6	19.6	19.6	19.6	19.6	0	20.6	20.5	20.4	20.5	20.5	20.4	0	21.2
	256QAM	1	0	19.7	19.6	19.5	19.5	19.4	0	20.6	20.4	20.3	20.3	20.3	20.2	0.5	20.7
		1	12	19.7	19.7	19.7	19.7	19.5	0	20.6	20.5	20.3	20.4	20.4	20.2	0.5	20.7
		1	24	19.6	19.6	19.5	19.6	19.4	0	20.6	20.4	20.2	20.3	20.2	20.2	0.5	20.7
		12	0	19.7	19.7	19.6	19.7	19.6	0	20.6	20.5	20.4	20.4	20.4	20.3	0.5	20.7
		12	7	19.7	19.7	19.7	19.7	19.6	0	20.6	20.4	20.4	20.4	20.4	20.3	0.5	20.7
		12	13	19.6	19.6	19.6	19.7	19.6	0	20.6	20.4	20.4	20.3	20.4	20.4	0.5	20.7
		25	0	19.6	19.6	19.6	19.6	19.6	0	20.6	20.4	20.3	20.4	20.4	20.3	0.5	20.7

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	Maximum Output Power	39750	40185	40620	41055	41490	MPR	Maximum Output Power
				2506 MHz	2549.5 MHz	2593 MHz	2636.5 MHz	2680 MHz			2506 MHz	2549.5 MHz	2593 MHz	2636.5 MHz	2680 MHz		
20	QPSK	1	0	24.4	24.1	24.2	24.3	24.2	0	24.8	20.4	20.5	20.5	20.4	20.4	0	20.5
		1	49	24.4	24.1	24.2	24.3	24.2	0	24.8	20.5	20.5	20.5	20.4	20.5	0	20.5
		1	99	24.3	24.1	24.2	24.3	24.2	0	24.8	20.5	20.5	20.5	20.5	20.4	0	20.5
		50	0	24.3	24.1	24.2	24.2	24.3	0.1	24.7	20.5	20.5	20.4	20.4	20.5	0	20.5
		50	24	24.5	24.1	24.3	24.2	24.3	0.1	24.7	20.5	20.5	20.4	20.4	20.5	0	20.5
		50	50	24.2	24.1	24.2	24.2	24.2	0.1	24.7	20.4	20.5	20.4	20.4	20.5	0	20.5
		100	0	24.4	24.0	24.2	24.2	24.3	0.1	24.7	20.5	20.5	20.5	20.4	20.5	0	20.5
	16QAM	1	0	24.3	24.2	24.3	24.3	24.2	0.1	24.7	20.5	20.5	20.4	20.5	20.5	0	20.5
		1	49	24.2	24.3	24.2	24.2	24.3	0.1	24.7	20.4	20.5	20.5	20.5	20.5	0	20.5
		1	99	24.3	24.2	24.2	24.3	24.3	0.1	24.7	20.5	20.4	20.4	20.4	20.5	0	20.5
		50	0	23.3	23.3	23.3	23.3	23.3	1.1	23.7	20.4	20.4	20.4	20.5	20.5	0	20.5
		50	24	23.2	23.2	23.3	23.2	23.2	1.1	23.7	20.4	20.5	20.5	20.5	20.4	0	20.5
		50	50	23.3	23.2	23.3	23.3	23.3	1.1	23.7	20.5	20.5	20.4	20.4	20.5	0	20.5
		100	0	23.3	23.2	23.2	23.2	23.3	1.1	23.7	20.4	20.4	20.4	20.5	20.5	0	20.5
	64QAM	1	0	23.2	23.2	23.2	23.3	23.2	1.1	23.7	20.5	20.5	20.5	20.5	20.4	0	20.5
		1	49	23.2	23.2	23.2	23.2	23.2	1.1	23.7	20.4	20.5	20.5	20.5	20.5	0	20.5
		1	99	23.3	23.2	23.3	23.3	23.3	1.1	23.7	20.5	20.5	20.4	20.5	20.5	0	20.5
		50	0	22.2	22.2	22.2	22.3	22.3	2.1	22.7	20.5	20.4	20.5	20.4	20.4	0	20.5
		50	24	22.2	22.2	22.2	22.2	22.2	2.1	22.7	20.5	20.4	20.5	20.4	20.4	0	20.5
		50	50	22.2	22.3	22.2	22.2	22.2	2.1	22.7	20.5	20.4	20.5	20.4	20.5	0	20.5
		100	0	22.2	22.2	22.3	22.2	22.2	2.1	22.7	20.4	20.4	20.5	20.4	20.5	0	20.5
	256QAM	1	0	20.3	20.2	20.2	20.3	20.3	4.1	20.7	20.5	20.4	20.5	20.4	20.4	0	20.5
		1	49	20.2	20.2	20.2	20.3	20.3	4.1	20.7	20.5	20.5	20.4	20.4	20.4	0	20.5
		1	99	20.2	20.2	20.3	20.3	20.3	4.1	20.7	20.5	20.5	20.4	20.5	20.4	0	20.5
		50	0	20.2	20.3	20.2	20.3	20.2	4.1	20.7	20.5	20.4	20.4	20.5	20.5	0	20.5
		50	24	20.2	20.2	20.2	20.2	20.3	4.1	20.7	20.5	20.5	20.5	20.5	20.4	0	20.5
		50	50	20.3	20.3	20.2	20.3	20.2	4.1	20.7	20.4	20.5	20.5	20.4	20.5	0	20.5
		100	0	20.3	20.2	20.3	20.3	20.2	4.1	20.7	20.4	20.4	20.4	20.4	20.5	0	20.5

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)							Power Mode B (dBm)						
				39750	40185	40620	41055	41490	MPR	Maximum Output Power	39750	40185	40620	41055	41490	MPR	Maximum Output Power
				2506 MHz	2549.5 MHz	2593 MHz	2636.5 MHz	2680 MHz			2506 MHz	2549.5 MHz	2593 MHz	2636.5 MHz	2680 MHz		
15	QPSK	1	0	24.3	24.4	24.4	24.4	24.3	0	24.8	20.4	20.4	20.5	20.4	20.4	0	20.5
		1	37	24.3	24.4	24.3	24.4	24.4	0	24.8	20.4	20.5	20.5	20.4	20.5	0	20.5
		1	74	24.4	24.3	24.4	24.4	24.4	0	24.8	20.5	20.5	20.5	20.4	20.5	0	20.5
		36	0	24.3	24.3	24.2	24.3	24.3	0.1	24.7	20.5	20.4	20.5	20.4	20.4	0	20.5
		36	20	24.3	24.3	24.2	24.2	24.3	0.1	24.7	20.5	20.4	20.5	20.4	20.5	0	20.5
		36	39	24.3	24.3	24.2	24.2	24.2	0.1	24.7	20.5	20.4	20.4	20.5	20.5	0	20.5
		75	0	24.3	24.3	24.3	24.2	24.3	0.1	24.7	20.5	20.4	20.5	20.4	20.4	0	20.5
	16QAM	1	0	24.2	24.2	24.3	24.2	24.3	0.1	24.7	20.4	20.4	20.5	20.5	20.4	0	20.5
		1	37	24.3	24.3	24.3	24.2	24.2	0.1	24.7	20.5	20.5	20.4	20.5	20.5	0	20.5
		1	74	24.2	24.2	24.3	24.3	24.3	0.1	24.7	20.5	20.4	20.5	20.4	20.4	0	20.5
		36	0	23.2	23.2	23.3	23.3	23.2	1.1	23.7	20.5	20.5	20.5	20.5	20.4	0	20.5
		36	20	23.3	23.2	23.3	23.3	23.2	1.1	23.7	20.5	20.5	20.5	20.4	20.5	0	20.5
		36	39	23.3	23.3	23.3	23.3	23.3	1.1	23.7	20.5	20.5	20.5	20.4	20.4	0	20.5
		75	0	23.2	23.3	23.2	23.3	23.2	1.1	23.7	20.5	20.5	20.5	20.5	20.5	0	20.5
	64QAM	1	0	23.2	23.2	23.2	23.3	23.3	1.1	23.7	20.5	20.4	20.5	20.5	20.4	0	20.5
		1	37	23.2	23.3	23.3	23.2	23.3	1.1	23.7	20.5	20.4	20.4	20.5	20.5	0	20.5
		1	74	23.3	23.2	23.2	23.3	23.3	1.1	23.7	20.4	20.4	20.4	20.4	20.4	0	20.5
		36	0	22.2	22.2	22.3	22.2	22.2	2.1	22.7	20.5	20.5	20.5	20.5	20.4	0	20.5
		36	20	22.2	22.2	22.3	22.2	22.2	2.1	22.7	20.5	20.5	20.5	20.4	20.4	0	20.5
		36	39	22.2	22.2	22.2	22.3	22.3	2.1	22.7	20.5	20.5	20.5	20.4	20.4	0	20.5
		75	0	22.3	22.2	22.2	22.2	22.2	2.1	22.7	20.5	20.4	20.4	20.4	20.5	0	20.5
	256QAM	1	0	20.2	20.2	20.2	20.2	20.3	4.1	20.7	20.5	20.4	20.5	20.4	20.5	0	20.5
		1	37	20.3	20.2	20.2	20.3	20.3	4.1	20.7	20.5	20.4	20.5	20.4	20.5	0	20.5
		1	74	20.3	20.2	20.3	20.3	20.2	4.1	20.7	20.5	20.4	20.5	20.4	20.5	0	20.5
		36	0	20.3	20.2	20.2	20.2	20.3	4.1	20.7	20.4	20.4	20.4	20.4	20.5	0	20.5
		36	20	20.2	20.3	20.3	20.2	20.3	4.1	20.7	20.4	20.4	20.5	20.5	20.4	0	20.5
		36	39	20.3	20.2	20.3	20.2	20.2	4.1	20.7	20.4	20.4	20.4	20.5	20.5	0	20.5
		75	0	20.2	20.3	20.2	20.3	20.3	4.1	20.7	20.5	20.4	20.4	20.5	20.5	0	20.5

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	Maximum Output Power	39750	40185	40620	41055	41490	MPR	Maximum Output Power
				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	24.3	24.3	24.4	24.4	24.3	0	24.8	20.4	20.4	20.4	20.4	20.5	0	20.5
		1	25	24.3	24.3	24.4	24.3	24.4	0	24.8	20.5	20.5	20.5	20.5	20.4	0	20.5
		1	49	24.3	24.4	24.4	24.3	24.4	0	24.8	20.5	20.4	20.5	20.5	20.5	0	20.5
		25	0	24.2	24.3	24.2	24.3	24.2	0.1	24.7	20.4	20.5	20.5	20.4	20.5	0	20.5
		25	12	24.3	24.3	24.3	24.2	24.2	0.1	24.7	20.4	20.5	20.5	20.4	20.5	0	20.5
		25	25	24.3	24.2	24.3	24.3	24.3	0.1	24.7	20.4	20.5	20.5	20.5	20.5	0	20.5
		50	0	24.3	24.2	24.3	24.2	24.2	0.1	24.7	20.4	20.5	20.4	20.5	20.4	0	20.5
	16QAM	1	0	24.3	24.2	24.3	24.2	24.3	0.1	24.7	20.5	20.5	20.5	20.5	20.4	0	20.5
		1	25	24.2	24.2	24.3	24.2	24.2	0.1	24.7	20.4	20.4	20.5	20.4	20.4	0	20.5
		1	49	24.3	24.2	24.3	24.3	24.2	0.1	24.7	20.4	20.5	20.4	20.5	20.4	0	20.5
		25	0	23.2	23.2	23.2	23.3	23.2	1.1	23.7	20.5	20.5	20.4	20.5	20.5	0	20.5
		25	12	23.3	23.3	23.2	23.3	23.2	1.1	23.7	20.4	20.5	20.4	20.4	20.4	0	20.5
		25	25	23.3	23.3	23.3	23.3	23.3	1.1	23.7	20.5	20.4	20.4	20.5	20.4	0	20.5
		50	0	23.2	23.2	23.2	23.2	23.3	1.1	23.7	20.5	20.5	20.4	20.5	20.5	0	20.5
	64QAM	1	0	23.2	23.3	23.2	23.3	23.3	1.1	23.7	20.4	20.4	20.5	20.4	20.4	0	20.5
		1	25	23.3	23.3	23.2	23.2	23.3	1.1	23.7	20.5	20.4	20.4	20.5	20.5	0	20.5
		1	49	23.2	23.3	23.2	23.2	23.3	1.1	23.7	20.5	20.4	20.5	20.4	20.4	0	20.5
		25	0	22.2	22.2	22.3	22.3	22.3	2.1	22.7	20.5	20.4	20.5	20.4	20.5	0	20.5
		25	12	22.2	22.3	22.3	22.3	22.2	2.1	22.7	20.5	20.5	20.5	20.4	20.5	0	20.5
		25	25	22.3	22.3	22.3	22.3	22.3	2.1	22.7	20.5	20.4	20.4	20.4	20.4	0	20.5
		50	0	22.2	22.3	22.3	22.3	22.3	2.1	22.7	20.4	20.4	20.5	20.4	20.5	0	20.5
	256QAM	1	0	20.3	20.2	20.3	20.3	20.3	4.1	20.7	20.4	20.4	20.4	20.5	20.4	0	20.5
		1	25	20.2	20.3	20.3	20.3	20.2	4.1	20.7	20.5	20.4	20.5	20.5	20.5	0	20.5
		1	49	20.2	20.3	20.2	20.3	20.3	4.1	20.7	20.5	20.4	20.4	20.4	20.4	0	20.5
		25	0	20.3	20.2	20.2	20.3	20.3	4.1	20.7	20.4	20.4	20.4	20.5	20.5	0	20.5
		25	12	20.2	20.2	20.2	20.2	20.2	4.1	20.7	20.4	20.4	20.5	20.5	20.5	0	20.5
		25	25	20.3	20.3	20.3	20.3	20.3	4.1	20.7	20.4	20.5	20.4	20.4	20.4	0	20.5
		50	0	20.3	20.3	20.2	20.3	20.3	4.1	20.7	20.4	20.5	20.4	20.4	20.4	0	20.5

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)							Power Mode B (dBm)						
				39750	40185	40620	41055	41490	MPR	Maximum Output Power	39750	40185	40620	41055	41490	MPR	Maximum Output Power
				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	24.3	24.3	24.3	24.3	24.3	0	24.8	20.5	20.4	20.4	20.5	20.4	0	20.5
		1	12	24.4	24.3	24.3	24.4	24.4	0	24.8	20.5	20.5	20.4	20.5	20.5	0	20.5
		1	24	24.4	24.4	24.3	24.4	24.3	0	24.8	20.5	20.5	20.4	20.5	20.5	0	20.5
		12	0	24.2	24.2	24.3	24.3	24.2	0.1	24.7	20.5	20.5	20.5	20.4	20.5	0	20.5
		12	7	24.2	24.2	24.2	24.2	24.3	0.1	24.7	20.5	20.5	20.5	20.5	20.5	0	20.5
		12	13	24.3	24.3	24.3	24.2	24.2	0.1	24.7	20.5	20.4	20.4	20.5	20.4	0	20.5
		25	0	24.2	24.2	24.2	24.3	24.3	0.1	24.7	20.5	20.5	20.5	20.4	20.5	0	20.5
	16QAM	1	0	24.3	24.3	24.2	24.3	24.3	0.1	24.7	20.5	20.5	20.4	20.5	20.5	0	20.5
		1	12	24.2	24.2	24.3	24.2	24.2	0.1	24.7	20.5	20.5	20.4	20.4	20.5	0	20.5
		1	24	24.2	24.2	24.3	24.2	24.3	0.1	24.7	20.4	20.5	20.5	20.5	20.5	0	20.5
		12	0	23.2	23.2	23.3	23.2	23.2	1.1	23.7	20.5	20.5	20.5	20.4	20.4	0	20.5
		12	7	23.2	23.3	23.3	23.3	23.2	1.1	23.7	20.4	20.5	20.4	20.5	20.5	0	20.5
		12	13	23.3	23.2	23.3	23.2	23.2	1.1	23.7	20.5	20.5	20.5	20.4	20.4	0	20.5
		25	0	23.2	23.2	23.2	23.3	23.2	1.1	23.7	20.5	20.4	20.5	20.5	20.5	0	20.5
	64QAM	1	0	23.3	23.2	23.3	23.3	23.3	1.1	23.7	20.4	20.4	20.5	20.5	20.5	0	20.5
		1	12	23.2	23.3	23.3	23.2	23.3	1.1	23.7	20.4	20.5	20.5	20.4	20.5	0	20.5
		1	24	23.2	23.2	23.3	23.2	23.3	1.1	23.7	20.5	20.5	20.4	20.5	20.5	0	20.5
		12	0	22.3	22.3	22.2	22.3	22.2	2.1	22.7	20.4	20.5	20.5	20.5	20.4	0	20.5
		12	7	22.3	22.3	22.2	22.2	22.3	2.1	22.7	20.4	20.4	20.5	20.5	20.5	0	20.5
		12	13	22.3	22.2	22.3	22.2	22.2	2.1	22.7	20.4	20.4	20.5	20.5	20.5	0	20.5
		25	0	22.2	22.3	22.2	22.2	22.3	2.1	22.7	20.4	20.5	20.5	20.5	20.4	0	20.5
	256QAM	1	0	20.2	20.3	20.3	20.2	20.3	4.1	20.7	20.4	20.5	20.5	20.5	20.5	0	20.5
		1	12	20.3	20.2	20.3	20.3	20.3	4.1	20.7	20.5	20.4	20.5	20.4	20.4	0	20.5
		1	24	20.2	20.3	20.2	20.3	20.2	4.1	20.7	20.4	20.4	20.4	20.4	20.5	0	20.5
		12	0	20.2	20.2	20.2	20.3	20.2	4.1	20.7	20.4	20.5	20.4	20.4	20.4	0	20.5
		12	7	20.2	20.3	20.3	20.2	20.3	4.1	20.7	20.5	20.5	20.4	20.5	20.5	0	20.5
		12	13	20.3	20.2	20.2	20.3	20.2	4.1	20.7	20.5	20.4	20.5	20.4	20.5	0	20.5
		25	0	20.2	20.2	20.2	20.2	20.2	4.1	20.7	20.4	20.5	20.5	20.4	20.5	0	20.5

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	Maximum Output Power	39750	40185	40620	41055	41490	MPR	Maximum Output Power
				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	20.6	20.6	20.4	20.5	20.6	0	21.7	19.4	19.3	19.2	19.4	19.2	0	20.8
		1	49	20.6	20.6	20.4	20.5	20.7	0	21.7	19.5	19.5	19.5	19.5	19.5	0	20.8
		1	99	20.6	20.5	20.4	20.5	20.7	0	21.7	19.4	19.3	19.3	19.2	19.3	0	20.8
		50	0	20.5	20.5	20.5	20.7	20.4	0	21.7	19.5	19.3	19.4	19.3	19.3	0	20.8
		50	24	20.7	20.8	20.5	20.7	20.8	0	21.7	19.5	19.5	19.5	19.5	19.5	0	20.8
		50	50	20.5	20.5	20.6	20.6	20.6	0	21.7	19.4	19.2	19.4	19.3	19.3	0	20.8
		100	0	20.7	20.7	20.7	20.7	20.8	0	21.7	19.5	19.5	19.5	19.5	19.5	0	20.8
	16QAM	1	0	20.6	20.8	20.7	20.7	20.5	0	21.7	19.3	19.3	19.4	19.4	19.4	0	20.8
		1	49	20.6	20.5	20.5	20.6	20.7	0	21.7	19.4	19.4	19.5	19.4	19.2	0	20.8
		1	99	20.5	20.6	20.7	20.8	20.7	0	21.7	19.5	19.3	19.4	19.3	19.5	0	20.8
		50	0	20.8	20.6	20.7	20.8	20.5	0	21.7	19.2	19.3	19.4	19.2	19.4	0	20.8
		50	24	20.6	20.7	20.8	20.6	20.8	0	21.7	19.2	19.3	19.5	19.4	19.4	0	20.8
		50	50	20.7	20.8	20.7	20.6	20.6	0	21.7	19.3	19.4	19.5	19.4	19.4	0	20.8
		100	0	20.6	20.8	20.6	20.6	20.6	0	21.7	19.4	19.4	19.3	19.3	19.4	0	20.8
	64QAM	1	0	20.6	20.5	20.6	20.6	20.7	0	21.7	19.4	19.3	19.4	19.3	19.4	0	20.8
		1	49	20.6	20.7	20.5	20.6	20.7	0	21.7	19.4	19.3	19.3	19.4	19.2	0	20.8
		1	99	20.7	20.7	20.6	20.7	20.7	0	21.7	19.5	19.5	19.4	19.4	19.4	0	20.8
		50	0	20.7	20.7	20.8	20.6	20.7	0	21.7	19.4	19.5	19.5	19.3	19.3	0	20.8
		50	24	20.5	20.6	20.8	20.6	20.6	0	21.7	19.5	19.3	19.4	19.3	19.4	0	20.8
		50	50	20.7	20.7	20.6	20.7	20.6	0	21.7	19.4	19.3	19.3	19.5	19.4	0	20.8
		100	0	20.8	20.6	20.6	20.5	20.7	0	21.7	19.2	19.3	19.2	19.2	19.5	0	20.8
	256QAM	1	0	19.5	19.6	19.7	19.6	19.6	1	20.7	19.4	19.3	19.2	19.2	19.2	0.1	20.7
		1	49	19.6	19.6	19.7	19.7	19.5	1	20.7	19.2	19.4	19.2	19.3	19.2	0.1	20.7
		1	99	19.7	19.5	19.6	19.7	19.6	1	20.7	19.3	19.1	19.1	19.2	19.3	0.1	20.7
		50	0	19.5	19.5	19.5	19.6	19.7	1	20.7	19.1	19.1	19.4	19.1	19.2	0.1	20.7
		50	24	19.7	19.6	19.7	19.6	19.6	1	20.7	19.2	19.2	19.4	19.2	19.3	0.1	20.7
		50	50	19.7	19.7	19.8	19.6	19.6	1	20.7	19.1	19.2	19.3	19.2	19.2	0.1	20.7
		100	0	19.5	19.8	19.5	19.8	19.7	1	20.7	19.3	19.3	19.3	19.2	19.2	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	Maximum Output Power	39750	40185	40620	41055	41490	MPR	Maximum Output Power
				2506 MHz	2549.5 MHz	2593 MHz	2636.5 MHz	2680 MHz			2506 MHz	2549.5 MHz	2593 MHz	2636.5 MHz	2680 MHz		
15	QPSK	1	0	20.7	20.6	20.8	20.5	20.5	0	21.7	19.4	19.4	19.3	19.3	19.3	0	20.8
		1	37	20.6	20.6	20.7	20.7	20.7	0	21.7	19.3	19.2	19.4	19.5	19.3	0	20.8
		1	74	20.8	20.6	20.6	20.6	20.5	0	21.7	19.2	19.4	19.3	19.3	19.2	0	20.8
		36	0	20.5	20.5	20.7	20.6	20.8	0	21.7	19.4	19.4	19.2	19.5	19.5	0	20.8
		36	20	20.5	20.7	20.8	20.6	20.7	0	21.7	19.3	19.3	19.2	19.3	19.4	0	20.8
		36	39	20.6	20.5	20.5	20.5	20.7	0	21.7	19.3	19.2	19.3	19.3	19.4	0	20.8
		75	0	20.6	20.6	20.6	20.5	20.7	0	21.7	19.2	19.2	19.2	19.4	19.4	0	20.8
	16QAM	1	0	20.6	20.7	20.6	20.7	20.7	0	21.7	19.4	19.5	19.4	19.4	19.3	0	20.8
		1	37	20.6	20.7	20.7	20.6	20.8	0	21.7	19.3	19.3	19.4	19.5	19.3	0	20.8
		1	74	20.6	20.7	20.8	20.6	20.7	0	21.7	19.3	19.4	19.3	19.4	19.4	0	20.8
		36	0	20.5	20.8	20.7	20.6	20.8	0	21.7	19.2	19.5	19.4	19.5	19.5	0	20.8
		36	20	20.5	20.5	20.7	20.8	20.7	0	21.7	19.3	19.4	19.4	19.4	19.3	0	20.8
		36	39	20.5	20.6	20.7	20.7	20.7	0	21.7	19.3	19.3	19.2	19.3	19.4	0	20.8
		75	0	20.6	20.6	20.8	20.6	20.5	0	21.7	19.2	19.3	19.4	19.3	19.2	0	20.8
	64QAM	1	0	20.6	20.6	20.7	20.6	20.6	0	21.7	19.4	19.4	19.2	19.5	19.5	0	20.8
		1	37	20.6	20.6	20.5	20.6	20.6	0	21.7	19.5	19.4	19.3	19.4	19.3	0	20.8
		1	74	20.7	20.5	20.5	20.6	20.8	0	21.7	19.2	19.3	19.3	19.2	19.3	0	20.8
		36	0	20.8	20.5	20.6	20.6	20.6	0	21.7	19.3	19.3	19.4	19.4	19.3	0	20.8
		36	20	20.6	20.7	20.8	20.6	20.6	0	21.7	19.4	19.4	19.3	19.4	19.4	0	20.8
		36	39	20.5	20.6	20.6	20.7	20.7	0	21.7	19.5	19.2	19.4	19.4	19.4	0	20.8
		75	0	20.7	20.8	20.7	20.5	20.6	0	21.7	19.4	19.4	19.3	19.4	19.4	0	20.8
	256QAM	1	0	19.6	19.7	19.6	19.6	19.6	1	20.7	19.2	19.3	19.4	19.2	19.1	0.1	20.7
		1	37	19.5	19.8	19.6	19.7	19.6	1	20.7	19.4	19.3	19.2	19.3	19.3	0.1	20.7
		1	74	19.6	19.7	19.5	19.6	19.6	1	20.7	19.4	19.4	19.3	19.2	19.4	0.1	20.7
		36	0	19.7	19.5	19.7	19.7	19.5	1	20.7	19.4	19.3	19.4	19.3	19.2	0.1	20.7
		36	20	19.8	19.8	19.6	19.6	19.7	1	20.7	19.1	19.2	19.3	19.3	19.4	0.1	20.7
		36	39	19.7	19.7	19.5	19.6	19.6	1	20.7	19.4	19.2	19.4	19.1	19.3	0.1	20.7
		75	0	19.6	19.8	19.5	19.6	19.6	1	20.7	19.3	19.3	19.4	19.1	19.2	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	Maximum Output Power	39750	40185	40620	41055	41490	MPR	Maximum Output Power
				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	20.6	20.5	20.7	20.7	0	21.7	19.3	19.4	19.5	19.5	19.4	0	20.8
		1	25	20.7	20.8	20.6	20.6	20.6	0	21.7	19.5	19.2	19.3	19.3	19.5	0	20.8
		1	49	20.7	20.7	20.6	20.5	20.6	0	21.7	19.4	19.4	19.4	19.3	19.5	0	20.8
		25	0	20.7	20.7	20.6	20.7	20.7	0	21.7	19.3	19.4	19.4	19.5	19.3	0	20.8
		25	12	20.5	20.6	20.8	20.6	20.8	0	21.7	19.3	19.3	19.3	19.5	19.3	0	20.8
		25	25	20.7	20.7	20.5	20.8	20.5	0	21.7	19.2	19.2	19.3	19.3	19.4	0	20.8
		50	0	20.7	20.5	20.6	20.8	20.7	0	21.7	19.4	19.3	19.3	19.4	19.4	0	20.8
	16QAM	1	0	20.6	20.5	20.8	20.8	20.8	0	21.7	19.3	19.4	19.4	19.3	19.3	0	20.8
		1	25	20.8	20.7	20.6	20.7	20.6	0	21.7	19.4	19.2	19.5	19.3	19.3	0	20.8
		1	49	20.6	20.7	20.7	20.5	20.6	0	21.7	19.2	19.5	19.4	19.4	19.4	0	20.8
		25	0	20.7	20.8	20.7	20.8	20.8	0	21.7	19.3	19.4	19.4	19.2	19.3	0	20.8
		25	12	20.6	20.7	20.8	20.7	20.7	0	21.7	19.2	19.3	19.5	19.4	19.4	0	20.8
		25	25	20.7	20.7	20.8	20.6	20.8	0	21.7	19.2	19.2	19.3	19.4	19.5	0	20.8
		50	0	20.7	20.7	20.5	20.8	20.8	0	21.7	19.5	19.3	19.3	19.2	19.2	0	20.8
	64QAM	1	0	20.7	20.6	20.6	20.6	20.5	0	21.7	19.3	19.2	19.4	19.5	19.2	0	20.8
		1	25	20.6	20.6	20.7	20.6	20.7	0	21.7	19.3	19.3	19.4	19.2	19.3	0	20.8
		1	49	20.5	20.5	20.5	20.6	20.8	0	21.7	19.3	19.4	19.4	19.5	19.2	0	20.8
		25	0	20.7	20.6	20.5	20.6	20.7	0	21.7	19.2	19.5	19.5	19.5	19.4	0	20.8
		25	12	20.7	20.7	20.5	20.8	20.5	0	21.7	19.4	19.4	19.4	19.5	19.5	0	20.8
		25	25	20.6	20.6	20.6	20.7	20.7	0	21.7	19.4	19.4	19.2	19.4	19.4	0	20.8
		50	0	20.6	20.6	20.6	20.7	20.7	0	21.7	19.4	19.5	19.2	19.4	19.4	0	20.8
	256QAM	1	0	19.5	19.6	19.6	19.5	19.5	1	20.7	19.3	19.4	19.3	19.3	19.3	0.1	20.7
		1	25	19.8	19.5	19.6	19.7	19.7	1	20.7	19.3	19.3	19.1	19.2	19.4	0.1	20.7
		1	49	19.6	19.5	19.5	19.5	19.7	1	20.7	19.3	19.2	19.2	19.1	19.2	0.1	20.7
		25	0	19.5	19.6	19.5	19.6	19.7	1	20.7	19.3	19.4	19.3	19.3	19.3	0.1	20.7
		25	12	19.7	19.5	19.8	19.6	19.5	1	20.7	19.4	19.2	19.4	19.2	19.4	0.1	20.7
		25	25	19.7	19.8	19.6	19.6	19.6	1	20.7	19.1	19.4	19.3	19.2	19.3	0.1	20.7
		50	0	19.6	19.8	19.8	19.5	19.7	1	20.7	19.3	19.1	19.2	19.4	19.2	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	Maximum Output Power	39750	40185	40620	41055	41490	MPR	Maximum Output Power
				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	20.6	20.8	20.7	20.8	20.7	0	21.7	19.4	19.4	19.3	19.3	19.5	0	20.8
		1	12	20.6	20.5	20.8	20.7	20.5	0	21.7	19.2	19.5	19.4	19.4	19.4	0	20.8
		1	24	20.7	20.7	20.6	20.6	20.6	0	21.7	19.3	19.3	19.2	19.5	19.5	0	20.8
		12	0	20.5	20.5	20.7	20.8	20.6	0	21.7	19.2	19.4	19.3	19.5	19.2	0	20.8
		12	7	20.7	20.7	20.7	20.7	20.7	0	21.7	19.2	19.4	19.4	19.4	19.3	0	20.8
		12	13	20.5	20.8	20.5	20.6	20.7	0	21.7	19.4	19.3	19.2	19.4	19.3	0	20.8
		25	0	20.7	20.6	20.7	20.8	20.7	0	21.7	19.3	19.3	19.5	19.4	19.4	0	20.8
	16QAM	1	0	20.7	20.8	20.6	20.5	20.7	0	21.7	19.4	19.3	19.2	19.2	19.2	0	20.8
		1	12	20.8	20.5	20.5	20.7	20.5	0	21.7	19.4	19.4	19.2	19.4	19.3	0	20.8
		1	24	20.8	20.6	20.7	20.7	20.7	0	21.7	19.5	19.4	19.4	19.4	19.5	0	20.8
		12	0	20.6	20.7	20.6	20.8	20.7	0	21.7	19.4	19.4	19.4	19.3	19.3	0	20.8
		12	7	20.6	20.5	20.8	20.7	20.5	0	21.7	19.3	19.4	19.3	19.4	19.2	0	20.8
		12	13	20.7	20.8	20.7	20.5	20.8	0	21.7	19.5	19.3	19.5	19.3	19.3	0	20.8
		25	0	20.7	20.6	20.6	20.8	20.5	0	21.7	19.5	19.4	19.2	19.4	19.2	0	20.8
	64QAM	1	0	20.6	20.6	20.5	20.6	20.8	0	21.7	19.3	19.4	19.2	19.3	19.3	0	20.8
		1	12	20.5	20.6	20.8	20.5	20.6	0	21.7	19.3	19.3	19.5	19.5	19.2	0	20.8
		1	24	20.5	20.7	20.6	20.7	20.5	0	21.7	19.4	19.2	19.5	19.5	19.4	0	20.8
		12	0	20.6	20.8	20.8	20.8	20.6	0	21.7	19.4	19.3	19.4	19.5	19.2	0	20.8
		12	7	20.7	20.7	20.8	20.7	20.5	0	21.7	19.4	19.3	19.4	19.4	19.2	0	20.8
		12	13	20.6	20.7	20.7	20.6	20.7	0	21.7	19.4	19.3	19.5	19.3	19.5	0	20.8
		25	0	20.5	20.8	20.7	20.8	20.7	0	21.7	19.5	19.2	19.5	19.4	19.5	0	20.8
	256QAM	1	0	19.7	19.8	19.6	19.7	19.7	1	20.7	19.4	19.2	19.4	19.3	19.2	0.1	20.7
		1	12	19.6	19.7	19.7	19.7	19.5	1	20.7	19.4	19.3	19.2	19.1	19.1	0.1	20.7
		1	24	19.7	19.5	19.7	19.6	19.7	1	20.7	19.3	19.2	19.1	19.2	19.4	0.1	20.7
		12	0	19.6	19.5	19.6	19.7	19.8	1	20.7	19.2	19.2	19.2	19.2	19.4	0.1	20.7
		12	7	19.7	19.7	19.6	19.5	19.5	1	20.7	19.2	19.3	19.2	19.2	19.2	0.1	20.7
		12	13	19.8	19.7	19.5	19.8	19.7	1	20.7	19.2	19.1	19.2	19.3	19.3	0.1	20.7
		25	0	19.6	19.5	19.8	19.8	19.7	1	20.7	19.3	19.1	19.3	19.2	19.2	0.1	20.7

LTE Band 41 Power Class 2 Measured Results (ANT1)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)					MPR	Max Output Pwr
				39750	40185	40620	41055	41490		
				2506 MHz	2549.5 MHz	2593 MHz	2636.5 MHz	2680 MHz		
20	QPSK	1	0	26.3	26.3	26.4	26.3	26.2	0	28.1
		1	49	26.3	26.3	26.4	26.3	26.2	0	28.1
		1	99	26.2	26.3	26.4	26.3	26.2	0	28.1
		50	0	26.5	26.5	26.5	26.4	26.3	0.4	27.7
		50	24	26.4	26.4	26.4	26.4	26.3	0.4	27.7
		50	50	26.4	26.4	26.5	26.4	26.2	0.4	27.7
		100	0	26.5	26.4	26.4	26.4	26.3	0.4	27.7
	16QAM	1	0	26.4	26.5	26.5	26.4	26.4	0.4	27.7
		1	49	26.5	26.5	26.7	26.4	26.4	0.4	27.7
		1	99	26.4	26.5	26.5	26.4	26.4	0.4	27.7
		50	0	26.2	26.2	26.2	26.1	26.0	1.4	26.7
		50	24	26.1	26.2	26.2	26.1	26.1	1.4	26.7
		50	50	26.1	26.1	26.2	26.1	26.0	1.4	26.7
		100	0	26.1	26.2	26.1	26.1	26.0	1.4	26.7
	64QAM	1	0	26.1	26.1	26.1	26.0	26.0	1.4	26.7
		1	49	26.0	26.0	26.1	25.9	26.1	1.4	26.7
		1	99	26.0	26.0	26.0	25.9	26.1	1.4	26.7
		50	0	25.0	25.0	25.0	25.1	25.0	2.4	25.7
		50	24	25.0	25.0	25.0	24.9	25.0	2.4	25.7
		50	50	25.0	25.0	24.9	24.9	25.1	2.4	25.7
		100	0	25.1	25.0	25.0	25.1	25.1	2.4	25.7
	256QAM	1	0	23.0	22.9	23.0	22.9	23.0	4.4	23.7
		1	49	23.0	22.9	22.9	22.9	23.1	4.4	23.7
		1	99	23.0	22.9	23.0	23.1	23.0	4.4	23.7
		50	0	23.0	23.0	22.9	23.1	23.0	4.4	23.7
		50	24	23.0	22.9	23.1	23.0	23.1	4.4	23.7
		50	50	23.0	23.0	23.0	23.1	22.9	4.4	23.7
		100	0	23.0	23.1	22.9	22.9	23.1	4.4	23.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					MPR	Max Output Pwr
				39750	40185	40620	41055	41490		
				2506 MHz	2549.5 MHz	2593 MHz	2636.5 MHz	2680 MHz		
15	QPSK	1	0	26.3	26.3	26.4	26.2	26.2	0	28.1
		1	37	26.5	26.3	26.4	26.3	26.3	0	28.1
		1	74	26.4	26.4	26.4	26.3	26.3	0	28.1
		36	0	26.0	26.5	26.5	26.4	26.4	0.4	27.7
		36	20	26.1	26.5	26.4	26.4	26.4	0.4	27.7
		36	39	26.0	26.4	26.5	26.3	26.3	0.4	27.7
		75	0	26.0	26.5	26.5	26.4	26.4	0.4	27.7
	16QAM	1	0	26.1	26.3	26.4	26.3	26.3	0.4	27.7
		1	37	26.1	26.3	26.5	26.4	26.4	0.4	27.7
		1	74	25.9	26.5	26.4	26.4	26.4	0.4	27.7
		36	0	26.0	26.2	26.2	26.1	26.1	1.4	26.7
		36	20	26.0	26.2	26.1	26.1	26.1	1.4	26.7
		36	39	26.1	26.1	26.1	26.0	26.0	1.4	26.7
		75	0	26.0	26.2	26.2	26.1	26.1	1.4	26.7
	64QAM	1	0	26.1	25.9	25.9	26.0	26.0	1.4	26.7
		1	37	26.0	26.0	26.1	26.0	26.0	1.4	26.7
		1	74	25.9	26.0	26.1	26.0	26.1	1.4	26.7
		36	0	25.1	25.0	25.0	25.0	25.0	2.4	25.7
		36	20	25.1	25.0	24.9	25.1	25.0	2.4	25.7
		36	39	25.0	25.0	25.0	25.0	25.0	2.4	25.7
		75	0	24.9	25.1	25.0	25.0	25.1	2.4	25.7
	256QAM	1	0	23.0	23.1	22.9	23.1	23.0	4.4	23.7
		1	37	23.1	23.0	23.0	23.0	23.0	4.4	23.7
		1	74	23.1	23.0	23.1	22.9	23.0	4.4	23.7
		36	0	23.1	23.0	22.9	23.0	23.1	4.4	23.7
		36	20	23.0	23.0	23.0	22.9	23.0	4.4	23.7
		36	39	23.0	22.9	23.1	23.0	23.0	4.4	23.7
		75	0	23.0	23.1	22.9	23.1	23.1	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)					MPR	Max Output Pwr
				39750	40185	40620	41055	41490		
				2506 MHz	2549.5 MHz	2593 MHz	2636.5 MHz	2680 MHz		
10	QPSK	1	0	26.3	26.5	26.5	26.4	26.3	0	28.1
		1	25	26.4	26.5	26.6	26.4	26.3	0	28.1
		1	49	26.3	26.5	26.5	26.4	26.3	0	28.1
		25	0	26.4	26.6	26.6	26.5	26.4	0.4	27.7
		25	12	26.4	26.6	26.6	26.6	26.4	0.4	27.7
		25	25	26.4	26.6	26.6	26.5	26.4	0.4	27.7
		50	0	26.4	26.6	26.6	26.5	26.4	0.4	27.7
	16QAM	1	0	26.4	26.5	26.6	26.5	26.3	0.4	27.7
		1	25	26.5	26.6	26.6	26.6	26.2	0.4	27.7
		1	49	26.4	26.4	26.6	26.6	26.3	0.4	27.7
		25	0	26.2	26.3	26.4	26.2	26.1	1.4	26.7
		25	12	26.2	26.3	26.3	26.3	26.1	1.4	26.7
		25	25	26.1	26.2	26.3	26.2	26.1	1.4	26.7
		50	0	26.1	26.3	26.3	26.3	26.1	1.4	26.7
	64QAM	1	0	26.1	26.0	26.0	26.0	26.0	1.4	26.7
		1	25	26.0	26.1	26.0	26.1	26.0	1.4	26.7
		1	49	25.9	26.0	25.9	26.1	26.1	1.4	26.7
		25	0	25.0	25.1	24.9	25.0	25.1	2.4	25.7
		25	12	25.1	24.9	25.0	24.9	24.9	2.4	25.7
		25	25	25.0	25.0	24.9	25.0	24.9	2.4	25.7
		50	0	25.1	24.9	24.9	25.0	25.0	2.4	25.7
	256QAM	1	0	23.0	22.9	23.0	23.0	22.9	4.4	23.7
		1	25	23.1	22.9	23.0	23.1	23.1	4.4	23.7
		1	49	23.0	23.0	23.0	23.0	23.0	4.4	23.7
		25	0	22.9	23.0	23.1	22.9	23.0	4.4	23.7
		25	12	23.1	23.0	23.0	23.0	22.9	4.4	23.7
		25	25	23.0	22.9	22.9	23.0	23.0	4.4	23.7
		50	0	23.1	23.1	22.9	22.9	23.1	4.4	23.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					MPR	Max Output Pwr
				39750	40185	40620	41055	41490		
				2506 MHz	2549.5 MHz	2593 MHz	2636.5 MHz	2680 MHz		
5	QPSK	1	0	26.5	26.5	26.5	26.4	26.4	0	28.1
		1	12	26.6	26.6	26.6	26.5	26.5	0	28.1
		1	24	26.5	26.5	26.5	26.4	26.4	0	28.1
		12	0	26.6	26.6	26.6	26.5	26.5	0.4	27.7
		12	7	26.6	26.6	26.7	26.6	26.6	0.4	27.7
		12	13	26.5	26.6	26.6	26.5	26.5	0.4	27.7
		25	0	26.6	26.6	26.5	26.5	26.5	0.4	27.7
	16QAM	1	0	26.7	26.6	26.6	26.6	26.6	0.4	27.7
		1	12	26.7	26.7	26.7	26.7	26.7	0.4	27.7
		1	24	26.6	26.6	26.6	26.6	26.6	0.4	27.7
		12	0	26.4	26.3	26.4	26.2	26.2	1.4	26.7
		12	7	26.5	26.3	26.4	26.2	26.2	1.4	26.7
		12	13	26.4	26.3	26.3	26.2	26.2	1.4	26.7
		25	0	26.3	26.3	26.3	26.2	26.2	1.4	26.7
	64QAM	1	0	25.9	25.9	25.9	25.9	26.0	1.4	26.7
		1	12	26.1	26.1	26.0	25.9	25.9	1.4	26.7
		1	24	26.1	25.9	26.0	26.1	25.9	1.4	26.7
		12	0	25.1	24.9	24.9	25.0	25.1	2.4	25.7
		12	7	24.9	24.9	25.1	25.1	24.9	2.4	25.7
		12	13	25.0	25.1	25.0	25.0	25.1	2.4	25.7
		25	0	24.9	25.0	25.0	25.0	25.0	2.4	25.7
	256QAM	1	0	22.9	22.9	22.9	22.9	22.9	4.4	23.7
		1	12	23.1	22.9	23.0	22.9	22.9	4.4	23.7
		1	24	23.0	23.0	23.0	23.0	23.0	4.4	23.7
		12	0	23.1	22.9	23.0	23.0	23.0	4.4	23.7
		12	7	22.9	23.0	23.0	23.0	23.0	4.4	23.7
		12	13	22.9	23.0	22.9	23.1	23.0	4.4	23.7
		25	0	23.0	23.1	23.1	22.9	23.0	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	Maximum Output Power	55340	55773	56207	56640	MPR	Maximum Output Power
				3560 MHz	3603.3 MHz	3646.7 MHz	3690 MHz			3560 MHz	3603.3 MHz	3646.7 MHz	3690 MHz		
20	QPSK	1	0	24.2	24.2	24.2	24.2	0	25.0	22.3	22.3	22.3	22.2	0	22.8
		1	49	24.2	24.2	24.2	24.2	0	25.0	22.3	22.3	22.3	22.3	0	22.8
		1	99	24.2	24.2	24.2	24.2	0	25.0	22.3	22.3	22.2	22.1	0	22.8
		50	0	24.3	24.3	24.3	24.3	0	25.0	22.4	22.4	22.4	22.3	0	22.8
		50	24	24.3	24.3	24.3	24.3	0	25.0	22.4	22.4	22.4	22.4	0	22.8
		50	50	24.3	24.3	24.3	24.3	0	25.0	22.4	22.4	22.4	22.3	0	22.8
		100	0	24.0	24.0	24.1	24.1	0	25.0	22.3	22.3	22.3	22.3	0	22.8
	16QAM	1	0	24.5	24.6	24.5	24.5	0	25.0	22.4	22.4	22.3	22.3	0	22.8
		1	49	24.7	24.8	24.6	24.5	0	25.0	22.4	22.6	22.4	22.3	0	22.8
		1	99	24.5	24.6	24.5	24.4	0	25.0	22.3	22.4	22.3	22.1	0	22.8
		50	0	23.6	23.6	23.6	23.5	1	24.0	22.4	22.4	22.4	22.3	0	22.8
		50	24	23.6	23.6	23.6	23.5	1	24.0	22.4	22.4	22.4	22.3	0	22.8
		50	50	23.6	23.6	23.6	23.5	1	24.0	22.4	22.4	22.4	22.3	0	22.8
		100	0	23.6	23.6	23.6	23.5	1	24.0	22.4	22.4	22.4	22.3	0	22.8
	64QAM	1	0	23.5	23.4	23.6	23.4	1	24.0	22.2	22.2	22.4	22.2	0	22.8
		1	49	23.5	23.5	23.5	23.4	1	24.0	22.3	22.3	22.3	22.3	0	22.8
		1	99	23.6	23.4	23.4	23.2	1	24.0	22.2	22.2	22.2	22.1	0	22.8
		50	0	22.6	22.6	22.5	22.5	2	23.0	22.4	22.4	22.4	22.3	0	22.8
		50	24	22.6	22.6	22.6	22.5	2	23.0	22.4	22.4	22.4	22.3	0	22.8
		50	50	22.6	22.6	22.6	22.5	2	23.0	22.4	22.4	22.4	22.3	0	22.8
		100	0	22.6	22.6	22.6	22.5	2	23.0	22.4	22.4	22.4	22.3	0	22.8
	256QAM	1	0	20.5	20.5	20.6	20.5	4	21.0	20.6	20.6	20.6	20.5	1.8	21.0
		1	49	20.6	20.6	20.6	20.4	4	21.0	20.6	20.6	20.6	20.5	1.8	21.0
		1	99	20.7	20.6	20.5	20.4	4	21.0	20.7	20.6	20.6	20.4	1.8	21.0
		50	0	20.6	20.6	20.6	20.5	4	21.0	20.6	20.6	20.6	20.5	1.8	21.0
		50	24	20.6	20.6	20.6	20.5	4	21.0	20.6	20.6	20.6	20.5	1.8	21.0
		50	50	20.6	20.5	20.6	20.5	4	21.0	20.6	20.6	20.6	20.5	1.8	21.0
		100	0	20.6	20.5	20.6	20.5	4	21.0	20.6	20.6	20.6	20.5	1.8	21.0

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)						Power Mode B (dBm)					
				55315	55765	56215	56665	MPR	Maximum Output Power	55315	55765	56215	56665	MPR	Maximum Output Power
				3557.5 MHz	3602.5 MHz	3647.5 MHz	3692.5 MHz			3557.5 MHz	3602.5 MHz	3647.5 MHz	3692.5 MHz		
15	QPSK	1	0	24.4	24.4	24.4	24.3	0	25.0	22.3	22.3	22.3	22.2	0	22.8
		1	37	24.4	24.4	24.5	24.3	0	25.0	22.4	22.3	22.4	22.2	0	22.8
		1	74	24.5	24.4	24.4	24.3	0	25.0	22.3	22.3	22.3	22.2	0	22.8
		36	0	24.6	24.6	24.6	24.5	0	25.0	22.4	22.4	22.4	22.3	0	22.8
		36	20	24.6	24.6	24.6	24.5	0	25.0	22.4	22.4	22.4	22.3	0	22.8
		36	39	24.6	24.6	24.6	24.5	0	25.0	22.4	22.4	22.4	22.3	0	22.8
		75	0	24.7	24.6	24.6	24.5	0	25.0	22.4	22.4	22.4	22.3	0	22.8
	16QAM	1	0	24.5	24.4	24.5	24.3	0	25.0	22.3	22.3	22.3	22.2	0	22.8
		1	37	24.5	24.6	24.5	24.3	0	25.0	22.4	22.3	22.4	22.2	0	22.8
		1	74	24.6	24.5	24.5	24.2	0	25.0	22.4	22.3	22.3	22.2	0	22.8
		36	0	23.6	23.6	23.6	23.5	1	24.0	22.4	22.4	22.4	22.3	0	22.8
		36	20	23.7	23.6	23.6	23.5	1	24.0	22.4	22.4	22.4	22.3	0	22.8
		36	39	23.6	23.6	23.6	23.5	1	24.0	22.4	22.4	22.4	22.3	0	22.8
		75	0	23.7	23.6	23.6	23.5	1	24.0	22.4	22.4	22.4	22.3	0	22.8
	64QAM	1	0	23.5	23.4	23.2	23.4	1	24.0	22.1	22.1	22.3	22.1	0	22.8
		1	37	23.6	23.4	23.4	23.4	1	24.0	22.1	22.2	22.2	22.1	0	22.8
		1	74	23.5	23.4	23.3	23.1	1	24.0	22.3	22.2	22.2	22.0	0	22.8
		36	0	22.6	22.6	22.6	22.5	2	23.0	22.4	22.4	22.4	22.3	0	22.8
		36	20	22.6	22.6	22.6	22.5	2	23.0	22.4	22.4	22.4	22.3	0	22.8
		36	39	22.6	22.6	22.6	22.5	2	23.0	22.4	22.4	22.4	22.3	0	22.8
		75	0	22.6	22.6	22.6	22.5	2	23.0	22.4	22.4	22.4	22.3	0	22.8
	256QAM	1	0	20.5	20.4	20.5	20.4	4	21.0	20.5	20.4	20.6	20.4	1.8	21.0
		1	37	20.6	20.5	20.5	20.3	4	21.0	20.6	20.5	20.5	20.4	1.8	21.0
		1	74	20.6	20.6	20.5	20.4	4	21.0	20.6	20.6	20.6	20.4	1.8	21.0
		36	0	20.6	20.6	20.6	20.5	4	21.0	20.6	20.6	20.6	20.5	1.8	21.0
		36	20	20.6	20.6	20.6	20.5	4	21.0	20.6	20.6	20.6	20.5	1.8	21.0
		36	39	20.6	20.5	20.6	20.5	4	21.0	20.6	20.6	20.6	20.5	1.8	21.0
		75	0	20.6	20.5	20.5	20.5	4	21.0	20.6	20.6	20.6	20.5	1.8	21.0

LTE Band 48 Measured Results (ANT7) (continued)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)						Power Mode B (dBm)					
				55290	55757	56223	56690	MPR	Maximum Output Power	55290	55757	56223	56690	MPR	Maximum Output Power
				3555 MHz	3601.7 MHz	3648.3 MHz	3695 MHz			3555 MHz	3601.7 MHz	3648.3 MHz	3695 MHz		
10	QPSK	1	0	24.7	24.7	24.6	24.6	0	25.0	22.5	22.5	22.5	22.4	0	22.8
		1	25	24.7	24.7	24.6	24.5	0	25.0	22.6	22.5	22.5	22.4	0	22.8
		1	49	24.7	24.6	24.6	24.5	0	25.0	22.5	22.5	22.5	22.4	0	22.8
		25	0	24.8	24.7	24.7	24.6	0	25.0	22.6	22.6	22.5	22.4	0	22.8
		25	12	24.8	24.8	24.7	24.6	0	25.0	22.6	22.6	22.6	22.4	0	22.8
		25	25	24.8	24.7	24.7	24.6	0	25.0	22.6	22.6	22.6	22.4	0	22.8
		50	0	24.8	24.7	24.7	24.6	0	25.0	22.6	22.6	22.5	22.4	0	22.8
	16QAM	1	0	24.8	24.7	24.7	24.5	0	25.0	22.6	22.6	22.5	22.3	0	22.8
		1	25	24.9	24.7	24.7	24.5	0	25.0	22.6	22.6	22.6	22.3	0	22.8
		1	49	24.8	24.7	24.8	24.4	0	25.0	22.6	22.6	22.6	22.3	0	22.8
		25	0	23.8	23.8	23.7	23.6	1	24.0	22.6	22.6	22.5	22.4	0	22.8
		25	12	23.8	23.8	23.7	23.6	1	24.0	22.6	22.6	22.6	22.4	0	22.8
		25	25	23.8	23.8	23.7	23.6	1	24.0	22.6	22.6	22.5	22.4	0	22.8
		50	0	23.8	23.8	23.7	23.6	1	24.0	22.6	22.5	22.5	22.4	0	22.8
	64QAM	1	0	23.7	23.5	23.6	23.7	1	24.0	22.5	22.4	22.5	22.4	0	22.8
		1	25	23.7	23.6	23.7	23.6	1	24.0	22.6	22.4	22.6	22.5	0	22.8
		1	49	23.7	23.6	23.6	23.6	1	24.0	22.5	22.4	22.5	22.4	0	22.8
		25	0	22.8	22.7	22.7	22.6	2	23.0	22.6	22.5	22.6	22.4	0	22.8
		25	12	22.8	22.8	22.8	22.6	2	23.0	22.6	22.6	22.6	22.5	0	22.8
		25	25	22.8	22.8	22.7	22.6	2	23.0	22.6	22.5	22.6	22.4	0	22.8
		50	0	22.8	22.8	22.7	22.6	2	23.0	22.6	22.5	22.5	22.4	0	22.8
	256QAM	1	0	20.6	20.7	20.7	20.5	4	21.0	20.7	20.6	20.6	20.5	1.8	21.0
		1	25	20.7	20.8	20.7	20.5	4	21.0	20.8	20.7	20.7	20.6	1.8	21.0
		1	49	20.7	20.7	20.7	20.4	4	21.0	20.7	20.6	20.6	20.5	1.8	21.0
		25	0	20.7	20.7	20.7	20.6	4	21.0	20.8	20.7	20.7	20.6	1.8	21.0
		25	12	20.8	20.8	20.7	20.6	4	21.0	20.8	20.7	20.8	20.6	1.8	21.0
		25	25	20.7	20.8	20.7	20.6	4	21.0	20.8	20.7	20.7	20.6	1.8	21.0
		50	0	20.7	20.7	20.7	20.6	4	21.0	20.8	20.7	20.7	20.6	1.8	21.0

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)						Power Mode B (dBm)					
				55265	55748	56232	56715	MPR	Maximum Output Power	55265	55748	56232	56715	MPR	Maximum Output Power
				3552.5 MHz	3600.8 MHz	3649.2 MHz	3697.5 MHz			3552.5 MHz	3600.8 MHz	3649.2 MHz	3697.5 MHz		
5	QPSK	1	0	24.7	24.6	24.6	24.5	0	25.0	22.5	22.5	22.5	22.4	0	22.8
		1	12	24.8	24.7	24.6	24.5	0	25.0	22.6	22.6	22.6	22.4	0	22.8
		1	24	24.7	24.6	24.5	24.5	0	25.0	22.5	22.5	22.5	22.4	0	22.8
		12	0	24.7	24.7	24.7	24.6	0	25.0	22.5	22.6	22.5	22.4	0	22.8
		12	7	24.8	24.7	24.7	24.6	0	25.0	22.6	22.6	22.6	22.4	0	22.8
		12	13	24.7	24.7	24.7	24.6	0	25.0	22.5	22.5	22.5	22.4	0	22.8
		25	0	24.7	24.7	24.7	24.6	0	25.0	22.6	22.5	22.6	22.4	0	22.8
	16QAM	1	0	24.7	24.7	24.6	24.5	0	25.0	22.5	22.5	22.5	22.4	0	22.8
		1	12	24.8	24.8	24.6	24.6	0	25.0	22.6	22.6	22.5	22.4	0	22.8
		1	24	24.7	24.7	24.6	24.6	0	25.0	22.5	22.4	22.5	22.4	0	22.8
		12	0	23.6	23.8	23.7	23.5	1	24.0	22.6	22.5	22.5	22.3	0	22.8
		12	7	23.6	23.8	23.7	23.5	1	24.0	22.6	22.5	22.6	22.3	0	22.8
		12	13	23.6	23.7	23.7	23.5	1	24.0	22.6	22.5	22.5	22.3	0	22.8
		25	0	23.8	23.8	23.7	23.6	1	24.0	22.5	22.5	22.5	22.4	0	22.8
	64QAM	1	0	23.6	23.5	23.8	23.5	1	24.0	22.4	22.4	22.4	22.3	0	22.8
		1	12	23.7	23.6	23.8	23.6	1	24.0	22.5	22.4	22.5	22.4	0	22.8
		1	24	23.7	23.6	23.8	23.5	1	24.0	22.4	22.3	22.5	22.3	0	22.8
		12	0	22.8	22.7	22.7	22.6	2	23.0	22.5	22.5	22.6	22.4	0	22.8
		12	7	22.8	22.7	22.7	22.6	2	23.0	22.6	22.5	22.6	22.4	0	22.8
		12	13	22.8	22.7	22.7	22.6	2	23.0	22.5	22.5	22.6	22.4	0	22.8
		25	0	22.7	22.7	22.7	22.6	2	23.0	22.5	22.5	22.6	22.4	0	22.8
	256QAM	1	0	20.7	20.6	20.6	20.6	4	21.0	20.7	20.7	20.7	20.5	1.8	21.0
		1	12	20.8	20.7	20.7	20.6	4	21.0	20.7	20.7	20.7	20.6	1.8	21.0
		1	24	20.7	20.7	20.6	20.6	4	21.0	20.7	20.7	20.7	20.5	1.8	21.0
		12	0	20.8	20.7	20.7	20.6	4	21.0	20.7	20.7	20.7	20.6	1.8	21.0
		12	7	20.8	20.7	20.7	20.6	4	21.0	20.7	20.7	20.8	20.6	1.8	21.0
		12	13	20.8	20.6	20.7	20.6	4	21.0	20.7	20.7	20.7	20.6	1.8	21.0
		25	0	20.8	20.7	20.7	20.6	4	21.0	20.7	20.7	20.7	20.6	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	Maximum Output Power	55340	55773	56207	56640	MPR	Maximum Output Power
				3560 MHz	3603.3 MHz	3646.7 MHz	3690 MHz			3560 MHz	3603.3 MHz	3646.7 MHz	3690 MHz		
20	QPSK	1	0	18.3	18.4	18.6	18.7	0	20.0	19.4	19.5	19.0	19.2	0	20.9
		1	49	19.0	19.0	19.1	19.2	0	20.0	19.4	19.5	19.5	19.7	0	20.9
		1	99	18.3	18.5	18.6	18.7	0	20.0	19.4	19.4	19.1	19.1	0	20.9
		50	0	18.5	18.5	18.7	18.7	0	20.0	19.5	18.9	19.2	19.2	0	20.9
		50	24	19.0	19.1	19.1	19.3	0	20.0	19.5	19.6	19.6	19.8	0	20.9
		50	50	18.5	18.6	18.8	18.8	0	20.0	19.4	19.0	19.3	19.3	0	20.9
		100	0	19.0	19.1	19.1	19.1	0	20.0	19.5	19.6	19.6	19.6	0	20.9
	16QAM	1	0	18.4	18.6	18.7	18.9	0	20.0	19.6	19.0	19.2	19.4	0	20.9
		1	49	18.4	18.7	18.8	18.9	0	20.0	19.5	19.0	19.2	19.4	0	20.9
		1	99	18.4	18.6	18.7	18.8	0	20.0	19.6	19.0	19.2	19.3	0	20.9
		50	0	18.4	18.5	18.6	18.7	0	20.0	19.3	19.1	19.1	19.2	0	20.9
		50	24	18.4	18.6	18.7	18.8	0	20.0	19.2	19.0	19.2	19.2	0	20.9
		50	50	18.4	18.6	18.7	18.8	0	20.0	19.3	19.0	19.3	19.2	0	20.9
		100	0	18.4	18.5	18.6	18.7	0	20.0	19.2	19.0	19.2	19.2	0	20.9
	64QAM	1	0	18.4	18.4	18.6	18.7	0	20.0	19.6	19.4	19.1	19.0	0	20.9
		1	49	18.4	18.5	18.7	18.8	0	20.0	19.5	19.5	19.2	19.1	0	20.9
		1	99	18.4	18.5	18.6	18.6	0	20.0	19.4	19.5	19.2	19.0	0	20.9
		50	0	18.4	18.4	18.6	18.7	0	20.0	19.5	19.4	19.1	19.1	0	20.9
		50	24	18.4	18.5	18.6	18.8	0	20.0	19.4	19.5	19.1	19.2	0	20.9
		50	50	18.4	18.5	18.7	18.7	0	20.0	19.4	19.6	19.2	19.2	0	20.9
		100	0	18.4	18.5	18.6	18.7	0	20.0	19.5	19.6	19.1	19.2	0	20.9
	256QAM	1	0	18.4	18.4	18.6	18.8	0	20.0	19.5	19.6	19.2	19.2	0	20.9
		1	49	18.4	18.5	18.7	18.8	0	20.0	19.6	19.6	19.2	19.2	0	20.9
		1	99	18.5	18.5	18.8	18.8	0	20.0	19.4	19.4	19.2	19.2	0	20.9
		50	0	18.4	18.4	18.6	18.7	0	20.0	19.6	19.5	19.1	19.1	0	20.9
		50	24	18.4	18.5	18.6	18.8	0	20.0	19.6	19.5	19.1	19.2	0	20.9
		50	50	18.4	18.5	18.7	18.7	0	20.0	19.4	19.5	19.2	19.2	0	20.9
		100	0	18.4	18.5	18.6	18.7	0	20.0	19.6	19.5	19.1	19.2	0	20.9

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)						Power Mode B (dBm)					
				55315	55765	56215	56665	MPR	Maximum Output Power	55315	55765	56215	56665	MPR	Maximum Output Power
				3557.5 MHz	3602.5 MHz	3647.5 MHz	3692.5 MHz			3557.5 MHz	3602.5 MHz	3647.5 MHz	3692.5 MHz		
15	QPSK	1	0	18.3	18.4	18.6	18.7	0	20.0	19.5	19.6	19.1	19.2	0	20.9
		1	37	18.3	18.5	18.7	18.7	0	20.0	19.4	19.4	19.1	19.2	0	20.9
		1	74	18.3	18.5	18.6	18.7	0	20.0	19.5	19.5	19.1	19.1	0	20.9
		36	0	18.3	18.5	18.7	18.8	0	20.0	19.6	19.6	19.2	19.2	0	20.9
		36	20	18.4	18.6	18.7	18.7	0	20.0	19.4	19.6	19.2	19.2	0	20.9
		36	39	18.4	18.6	18.8	18.8	0	20.0	19.4	19.6	19.2	19.3	0	20.9
		75	0	18.5	18.6	18.7	18.8	0	20.0	19.5	19.5	19.2	19.2	0	20.9
	16QAM	1	0	18.3	18.4	18.6	18.7	0	20.0	19.5	19.4	19.1	19.0	0	20.9
		1	37	18.3	18.5	18.7	18.8	0	20.0	19.4	19.5	19.2	19.1	0	20.9
		1	74	18.3	18.5	18.6	18.7	0	20.0	19.4	19.5	19.2	19.1	0	20.9
		36	0	18.3	18.4	18.6	18.7	0	20.0	19.5	19.5	19.2	19.2	0	20.9
		36	20	18.4	18.5	18.6	18.7	0	20.0	19.6	19.5	19.2	19.2	0	20.9
		36	39	18.4	18.5	18.7	18.8	0	20.0	19.5	19.5	19.2	19.2	0	20.9
		75	0	18.4	18.6	18.6	18.7	0	20.0	19.5	19.6	19.2	19.2	0	20.9
	64QAM	1	0	18.3	18.4	18.5	18.6	0	20.0	19.4	19.4	19.0	19.0	0	20.9
		1	37	18.3	18.4	18.6	18.7	0	20.0	19.5	19.5	19.1	19.1	0	20.9
		1	74	18.3	18.4	18.6	18.6	0	20.0	19.6	19.6	19.2	19.0	0	20.9
		36	0	18.4	18.4	18.6	18.7	0	20.0	19.6	19.5	19.1	19.1	0	20.9
		36	20	18.4	18.5	18.6	18.7	0	20.0	19.4	19.4	19.1	19.1	0	20.9
		36	39	18.4	18.5	18.7	18.7	0	20.0	19.5	19.4	19.2	19.2	0	20.9
		75	0	18.5	18.5	18.6	18.7	0	20.0	19.5	19.5	19.1	19.1	0	20.9
	256QAM	1	0	18.3	18.4	18.5	18.6	0	20.0	19.5	19.6	19.0	19.2	0	20.9
		1	37	18.4	18.5	18.6	18.7	0	20.0	19.4	19.5	19.1	19.2	0	20.9
		1	74	18.4	18.5	18.7	18.7	0	20.0	19.5	19.6	19.2	19.2	0	20.9
		36	0	18.3	18.4	18.6	18.7	0	20.0	19.6	19.6	19.1	19.1	0	20.9
		36	20	18.4	18.5	18.6	18.7	0	20.0	19.4	19.4	19.1	19.1	0	20.9
		36	39	18.4	18.5	18.7	18.7	0	20.0	19.6	19.6	19.2	19.2	0	20.9
		75	0	18.4	18.5	18.6	18.7	0	20.0	19.6	19.6	19.2	19.1	0	20.9

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	Maximum Output Power	55290	55757	56223	56690	MPR	Maximum Output Power
				3555 MHz	3601.7 MHz	3648.3 MHz	3695 MHz			3555 MHz	3601.7 MHz	3648.3 MHz	3695 MHz		
10	QPSK	1	0	18.5	18.6	18.8	18.8	0	20.0	19.5	19.5	19.4	19.3	0	20.9
		1	25	18.5	18.6	18.9	18.9	0	20.0	19.6	19.6	19.4	19.3	0	20.9
		1	49	18.5	18.6	18.8	18.8	0	20.0	19.5	19.5	19.4	19.3	0	20.9
		25	0	18.6	18.7	18.8	18.8	0	20.0	19.6	19.5	19.4	19.3	0	20.9
		25	12	18.6	18.7	18.9	18.8	0	20.0	19.4	19.6	19.4	19.3	0	20.9
		25	25	18.6	18.7	18.9	18.9	0	20.0	19.4	19.4	19.4	19.4	0	20.9
		50	0	18.6	18.7	18.9	18.8	0	20.0	19.5	19.6	19.4	19.3	0	20.9
	16QAM	1	0	18.6	18.5	18.9	18.9	0	20.0	19.5	19.5	19.4	19.2	0	20.9
		1	25	18.6	18.6	19.0	19.0	0	20.0	19.5	19.5	19.4	19.3	0	20.9
		1	49	18.6	18.6	19.0	18.9	0	20.0	19.5	19.5	19.4	19.3	0	20.9
		25	0	18.5	18.7	18.8	18.8	0	20.0	19.6	19.6	19.4	19.3	0	20.9
		25	12	18.6	18.7	18.9	18.8	0	20.0	19.4	19.5	19.5	19.3	0	20.9
		25	25	18.6	18.7	18.9	18.9	0	20.0	19.6	19.5	19.4	19.3	0	20.9
		50	0	18.5	18.7	18.9	18.8	0	20.0	19.4	19.4	19.3	19.3	0	20.9
	64QAM	1	0	18.4	18.7	18.7	18.8	0	20.0	19.6	19.6	19.4	19.3	0	20.9
		1	25	18.4	18.7	18.8	18.9	0	20.0	19.5	19.5	19.4	19.4	0	20.9
		1	49	18.4	18.7	18.8	18.8	0	20.0	19.6	19.5	19.4	19.3	0	20.9
		25	0	18.6	18.6	18.8	18.8	0	20.0	19.6	19.5	19.4	19.3	0	20.9
		25	12	18.6	18.7	18.9	18.8	0	20.0	19.6	19.6	19.4	19.3	0	20.9
		25	25	18.6	18.7	18.9	18.9	0	20.0	19.6	19.5	19.4	19.3	0	20.9
		50	0	18.5	18.6	18.9	18.8	0	20.0	19.6	19.4	19.4	19.2	0	20.9
	256QAM	1	0	18.4	18.5	18.8	18.7	0	20.0	19.4	19.5	19.4	19.3	0	20.9
		1	25	18.5	18.7	18.9	18.8	0	20.0	19.4	19.6	19.4	19.4	0	20.9
		1	49	18.5	18.7	19.0	18.8	0	20.0	19.6	19.6	19.4	19.3	0	20.9
		25	0	18.6	18.7	18.8	18.8	0	20.0	19.5	19.5	19.4	19.3	0	20.9
		25	12	18.6	18.7	18.9	18.8	0	20.0	19.6	19.5	19.4	19.3	0	20.9
		25	25	18.6	18.7	18.9	18.9	0	20.0	19.6	19.6	19.4	19.3	0	20.9
		50	0	18.6	18.6	18.9	18.8	0	20.0	19.5	19.5	19.4	19.2	0	20.9

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)						Power Mode B (dBm)					
				55265	55748	56232	56715	MPR	Maximum Output Power	55265	55748	56232	56715	MPR	Maximum Output Power
				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	18.5	18.6	18.8	18.8	0	20.0	19.6	19.5	19.4	19.3	0	20.9
		1	12	18.5	18.6	18.9	18.9	0	20.0	19.6	19.5	19.4	19.3	0	20.9
		1	24	18.4	18.6	18.8	18.8	0	20.0	19.4	19.4	19.4	19.3	0	20.9
		12	0	18.5	18.7	18.9	18.9	0	20.0	19.5	19.6	19.4	19.4	0	20.9
		12	7	18.6	18.7	18.9	18.9	0	20.0	19.6	19.6	19.4	19.4	0	20.9
		12	13	18.6	18.7	18.9	18.9	0	20.0	19.5	19.5	19.4	19.3	0	20.9
		25	0	18.6	18.7	18.9	18.9	0	20.0	19.4	19.6	19.4	19.3	0	20.9
	16QAM	1	0	18.5	18.6	18.9	18.9	0	20.0	19.5	19.5	19.4	19.3	0	20.9
		1	12	18.6	18.7	19.0	19.0	0	20.0	19.5	19.6	19.4	19.4	0	20.9
		1	24	18.5	18.6	18.9	18.9	0	20.0	19.5	19.5	19.4	19.3	0	20.9
		12	0	18.5	18.8	18.9	18.9	0	20.0	19.5	19.6	19.4	19.3	0	20.9
		12	7	18.5	18.8	18.9	18.9	0	20.0	19.4	19.5	19.5	19.3	0	20.9
		12	13	18.5	18.8	18.9	18.9	0	20.0	19.6	19.5	19.4	19.3	0	20.9
		25	0	18.6	18.7	18.9	18.9	0	20.0	19.4	19.5	19.3	19.3	0	20.9
	64QAM	1	0	18.5	18.5	18.8	18.8	0	20.0	19.5	19.4	19.4	19.4	0	20.9
		1	12	18.5	18.6	18.9	18.9	0	20.0	19.5	19.4	19.4	19.5	0	20.9
		1	24	18.5	18.5	18.8	18.8	0	20.0	19.4	19.6	19.4	19.4	0	20.9
		12	0	18.5	18.6	18.9	18.8	0	20.0	19.4	19.5	19.4	19.3	0	20.9
		12	7	18.5	18.6	18.9	18.9	0	20.0	19.6	19.6	19.4	19.3	0	20.9
		12	13	18.5	18.6	18.8	18.8	0	20.0	19.4	19.5	19.4	19.3	0	20.9
		25	0	18.5	18.6	18.9	18.9	0	20.0	19.4	19.5	19.4	19.3	0	20.9
	256QAM	1	0	18.4	18.5	18.8	18.9	0	20.0	19.4	19.5	19.4	19.3	0	20.9
		1	12	18.5	18.6	18.8	18.9	0	20.0	19.4	19.5	19.4	19.3	0	20.9
		1	24	18.5	18.5	18.8	18.8	0	20.0	19.4	19.5	19.4	19.3	0	20.9
		12	0	18.5	18.6	18.8	18.9	0	20.0	19.4	19.5	19.4	19.3	0	20.9
		12	7	18.5	18.7	18.9	18.9	0	20.0	19.6	19.4	19.4	19.3	0	20.9
		12	13	18.5	18.7	18.8	18.9	0	20.0	19.5	19.4	19.4	19.3	0	20.9
		25	0	18.5	18.6	18.9	18.9	0	20.0	19.5	19.5	19.4	19.3	0	20.9

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	Maximum Output Power	55340	55773	56207	56640	MPR	Maximum Output Power
				3560 MHz	3603.3 MHz	3646.7 MHz	3690 MHz			3560 MHz	3603.3 MHz	3646.7 MHz	3690 MHz		
20	QPSK	1	0	23.1	23.1	23.0	23.0	0	23.5	20.9	20.9	20.9	20.9	0	21.1
		1	49	23.1	23.1	23.3	23.1	0	23.5	20.9	20.9	20.9	20.9	0	21.1
		1	99	23.0	23.0	23.1	23.1	0	23.5	20.9	20.9	20.9	20.8	0	21.1
		50	0	23.1	23.0	23.1	23.1	0	23.5	20.9	20.9	20.8	20.8	0	21.1
		50	24	23.2	23.2	23.3	23.2	0	23.5	21.0	21.0	21.0	20.9	0	21.1
		50	50	23.0	23.1	23.1	23.1	0	23.5	20.9	20.9	20.9	20.9	0	21.1
		100	0	23.2	23.2	23.3	22.1	0	23.5	21.0	20.9	21.0	20.9	0	21.1
	16QAM	1	0	23.1	23.1	23.1	23.0	0	23.5	20.9	20.9	20.8	20.9	0	21.1
		1	49	23.0	23.0	23.0	23.0	0	23.5	20.9	20.9	20.9	20.8	0	21.1
		1	99	23.1	23.0	23.1	23.1	0	23.5	20.9	20.8	20.8	20.8	0	21.1
		50	0	23.1	23.1	23.1	23.1	0	23.5	20.9	20.9	20.9	20.9	0	21.1
		50	24	23.1	23.1	23.1	23.1	0	23.5	20.9	20.9	20.9	20.9	0	21.1
		50	50	23.1	23.1	23.0	23.1	0	23.5	20.9	20.9	20.9	20.9	0	21.1
		100	0	23.1	23.1	23.0	23.0	0	23.5	20.9	20.8	20.9	20.9	0	21.1
	64QAM	1	0	23.0	23.1	23.1	23.0	0	23.5	20.8	20.9	20.9	20.9	0	21.1
		1	49	23.0	23.0	23.1	23.0	0	23.5	20.8	20.8	20.9	20.9	0	21.1
		1	99	23.1	23.0	23.0	23.0	0	23.5	20.9	20.9	20.9	20.9	0	21.1
		50	0	22.6	22.6	22.5	22.6	0.5	23.0	20.9	20.9	20.9	20.9	0	21.1
		50	24	22.6	22.5	22.6	22.6	0.5	23.0	20.9	20.9	20.8	20.9	0	21.1
		50	50	22.5	22.6	22.6	22.6	0.5	23.0	20.9	20.8	20.9	20.9	0	21.1
		100	0	22.5	22.6	22.6	22.5	0.5	23.0	20.8	20.9	20.9	20.9	0	21.1
	256QAM	1	0	20.6	20.5	20.6	20.6	2.5	21.0	20.8	20.8	20.8	20.7	0.1	21.0
		1	49	20.5	20.6	20.6	20.6	2.5	21.0	20.7	20.8	20.8	20.8	0.1	21.0
		1	99	20.6	20.6	20.6	20.6	2.5	21.0	20.8	20.7	20.8	20.8	0.1	21.0
		50	0	20.5	20.6	20.5	20.6	2.5	21.0	20.8	20.8	20.8	20.8	0.1	21.0
		50	24	20.6	20.6	20.5	20.5	2.5	21.0	20.8	20.8	20.8	20.8	0.1	21.0
		50	50	20.6	20.6	20.5	20.6	2.5	21.0	20.8	20.8	20.8	20.7	0.1	21.0
		100	0	20.6	20.6	20.6	20.6	2.5	21.0	20.7	20.8	20.7	20.7	0.1	21.0

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)						Power Mode B (dBm)					
				55315	55765	56215	56665	MPR	Maximum Output Power	55315	55765	56215	56665	MPR	Maximum Output Power
				3557.5 MHz	3602.5 MHz	3647.5 MHz	3692.5 MHz			3557.5 MHz	3602.5 MHz	3647.5 MHz	3692.5 MHz		
15	QPSK	1	0	23.1	23.0	23.0	23.1	0	23.5	21.0	21.0	21.0	21.0	0	21.1
		1	37	23.1	23.1	23.1	23.0	0	23.5	21.0	21.0	21.0	21.0	0	21.1
		1	74	23.1	23.1	23.1	23.1	0	23.5	21.0	20.9	21.0	21.0	0	21.1
		36	0	23.1	23.0	23.1	23.1	0	23.5	21.0	21.0	21.0	21.0	0	21.1
		36	20	23.0	23.0	23.1	23.1	0	23.5	21.0	21.0	21.0	20.9	0	21.1
		36	39	23.1	23.1	23.0	23.1	0	23.5	21.0	20.9	20.9	21.0	0	21.1
		75	0	23.1	23.0	23.1	23.0	0	23.5	21.0	21.0	21.0	21.0	0	21.1
	16QAM	1	0	23.1	23.1	23.1	23.1	0	23.5	20.9	21.0	21.0	20.9	0	21.1
		1	37	23.1	23.1	23.1	23.0	0	23.5	20.9	20.9	21.0	21.0	0	21.1
		1	74	23.1	23.1	23.1	23.1	0	23.5	21.0	20.9	21.0	21.0	0	21.1
		36	0	23.0	23.1	23.1	23.0	0	23.5	21.0	20.9	21.0	21.0	0	21.1
		36	20	23.1	23.1	23.1	23.1	0	23.5	21.0	21.0	21.0	20.9	0	21.1
		36	39	23.0	23.1	23.1	23.1	0	23.5	21.0	21.0	21.0	21.0	0	21.1
		75	0	23.1	23.1	23.0	23.1	0	23.5	20.9	21.0	20.9	20.9	0	21.1
	64QAM	1	0	23.0	23.0	23.0	23.0	0	23.5	21.0	21.0	21.0	21.0	0	21.1
		1	37	23.0	23.1	23.1	23.0	0	23.5	20.9	21.0	20.9	20.9	0	21.1
		1	74	23.1	23.1	23.1	23.0	0	23.5	21.0	21.0	21.0	20.9	0	21.1
		36	0	22.6	22.5	22.5	22.6	0.5	23.0	20.9	20.9	21.0	21.0	0	21.1
		36	20	22.5	22.6	22.5	22.6	0.5	23.0	21.0	21.0	21.0	20.9	0	21.1
		36	39	22.6	22.5	22.6	22.6	0.5	23.0	21.0	21.0	21.0	20.9	0	21.1
		75	0	22.6	22.5	22.5	22.6	0.5	23.0	20.9	20.9	20.9	21.0	0	21.1
	256QAM	1	0	20.5	20.6	20.5	20.6	2.5	21.0	20.9	20.9	20.9	20.9	0.1	21.0
		1	37	20.6	20.6	20.6	20.5	2.5	21.0	20.8	20.8	20.9	20.9	0.1	21.0
		1	74	20.5	20.6	20.6	20.6	2.5	21.0	20.9	20.9	20.9	20.9	0.1	21.0
		36	0	20.5	20.6	20.5	20.5	2.5	21.0	20.8	20.9	20.8	20.9	0.1	21.0
		36	20	20.6	20.6	20.6	20.5	2.5	21.0	20.9	20.8	20.9	20.9	0.1	21.0
		36	39	20.6	20.6	20.5	20.5	2.5	21.0	20.9	20.9	20.8	20.9	0.1	21.0
		75	0	20.6	20.5	20.6	20.5	2.5	21.0	20.9	20.9	20.8	20.9	0.1	21.0

LTE Band 48 Measured Results (ANT9) (continued)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)						Power Mode B (dBm)					
				55290	55757	56223	56690	MPR	Maximum Output Power	55290	55757	56223	56690	MPR	Maximum Output Power
				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	23.1	23.0	0	23.5	21.0	21.0	21.0	21.0	0	21.1
		1	25	23.1	23.1	23.0	23.1	0	23.5	21.0	20.9	21.0	21.0	0	21.1
		1	49	23.1	23.1	23.1	23.1	0	23.5	20.9	20.9	20.9	21.0	0	21.1
		25	0	23.1	23.1	23.1	23.1	0	23.5	20.9	21.0	21.0	21.0	0	21.1
		25	12	23.0	23.0	23.1	23.0	0	23.5	21.0	21.0	21.0	20.9	0	21.1
		25	25	23.1	23.1	23.0	23.0	0	23.5	20.9	20.9	21.0	21.0	0	21.1
		50	0	23.1	23.1	23.1	23.1	0	23.5	21.0	20.9	20.9	20.9	0	21.1
	16QAM	1	0	23.0	23.1	23.0	23.1	0	23.5	21.0	21.0	20.9	20.9	0	21.1
		1	25	23.0	23.1	23.0	23.1	0	23.5	21.0	21.0	20.9	20.9	0	21.1
		1	49	23.1	23.1	23.0	23.1	0	23.5	21.0	21.0	20.9	21.0	0	21.1
		25	0	23.1	23.0	23.0	23.1	0	23.5	21.0	21.0	21.0	21.0	0	21.1
		25	12	23.0	23.1	23.1	23.1	0	23.5	20.9	20.9	21.0	20.9	0	21.1
		25	25	23.1	23.1	23.1	23.0	0	23.5	21.0	20.9	20.9	20.9	0	21.1
		50	0	23.0	23.1	23.1	23.0	0	23.5	21.0	21.0	21.0	21.0	0	21.1
	64QAM	1	0	23.1	23.0	23.1	23.1	0	23.5	20.9	20.9	21.0	21.0	0	21.1
		1	25	23.1	23.1	23.0	23.1	0	23.5	20.9	21.0	21.0	21.0	0	21.1
		1	49	23.1	23.1	23.1	23.0	0	23.5	21.0	21.0	21.0	21.0	0	21.1
		25	0	22.6	22.5	22.6	22.5	0.5	23.0	20.9	20.9	20.9	20.9	0	21.1
		25	12	22.6	22.5	22.6	22.6	0.5	23.0	21.0	21.0	21.0	21.0	0	21.1
		25	25	22.6	22.5	22.6	22.6	0.5	23.0	21.0	21.0	20.9	21.0	0	21.1
		50	0	22.5	22.6	22.5	22.5	0.5	23.0	20.9	21.0	21.0	20.9	0	21.1
	256QAM	1	0	20.6	20.6	20.5	20.6	2.5	21.0	20.9	20.8	20.9	20.8	0.1	21.0
		1	25	20.6	20.5	20.6	20.6	2.5	21.0	20.9	20.9	20.9	20.9	0.1	21.0
		1	49	20.5	20.6	20.6	20.6	2.5	21.0	20.9	20.8	20.9	20.9	0.1	21.0
		25	0	20.5	20.6	20.5	20.5	2.5	21.0	20.9	20.8	20.9	20.8	0.1	21.0
		25	12	20.5	20.5	20.6	20.6	2.5	21.0	20.9	20.8	20.9	20.9	0.1	21.0
		25	25	20.6	20.5	20.5	20.5	2.5	21.0	20.8	20.9	20.8	20.9	0.1	21.0
		50	0	20.5	20.5	20.6	20.6	2.5	21.0	20.8	20.9	20.9	20.9	0.1	21.0

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)						Power Mode B (dBm)					
				55265	55748	56232	56715	MPR	Maximum Output Power	55265	55748	56232	56715	MPR	Maximum Output Power
				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	23.1	23.0	23.0	23.1	0	23.5	20.9	20.9	21.0	21.0	0	21.1
		1	12	23.1	23.1	23.1	23.0	0	23.5	20.9	21.0	21.0	21.0	0	21.1
		1	24	23.1	23.0	23.1	23.1	0	23.5	21.0	21.0	20.9	21.0	0	21.1
		12	0	23.1	23.0	23.0	23.0	0	23.5	21.0	20.9	21.0	21.0	0	21.1
		12	7	23.0	23.1	23.0	23.1	0	23.5	21.0	21.0	20.9	21.0	0	21.1
		12	13	23.1	23.0	23.1	23.1	0	23.5	21.0	20.9	21.0	21.0	0	21.1
		25	0	23.1	23.1	23.1	23.1	0	23.5	21.0	21.0	20.9	20.9	0	21.1
	16QAM	1	0	23.0	23.0	23.0	23.0	0	23.5	20.9	20.9	20.9	21.0	0	21.1
		1	12	23.0	23.1	23.1	23.1	0	23.5	21.0	21.0	21.0	21.0	0	21.1
		1	24	23.1	23.0	23.1	23.1	0	23.5	20.9	20.9	20.9	20.9	0	21.1
		12	0	23.1	23.1	23.0	23.1	0	23.5	21.0	21.0	20.9	20.9	0	21.1
		12	7	23.1	23.1	23.1	23.0	0	23.5	20.9	21.0	21.0	20.9	0	21.1
		12	13	23.1	23.1	23.1	23.0	0	23.5	21.0	21.0	21.0	20.9	0	21.1
		25	0	23.0	23.1	23.0	23.1	0	23.5	21.0	21.0	21.0	20.9	0	21.1
	64QAM	1	0	23.0	23.0	23.1	23.0	0	23.5	21.0	21.0	20.9	21.0	0	21.1
		1	12	23.1	23.0	23.0	23.1	0	23.5	21.0	21.0	21.0	20.9	0	21.1
		1	24	23.1	23.0	23.0	23.1	0	23.5	21.0	20.9	21.0	21.0	0	21.1
		12	0	22.5	22.6	22.6	22.5	0.5	23.0	21.0	20.9	21.0	21.0	0	21.1
		12	7	22.6	22.6	22.5	22.6	0.5	23.0	21.0	21.0	21.0	20.9	0	21.1
		12	13	22.5	22.6	22.5	22.6	0.5	23.0	21.0	20.9	21.0	21.0	0	21.1
		25	0	22.5	22.5	22.6	22.6	0.5	23.0	21.0	20.9	21.0	21.0	0	21.1
	256QAM	1	0	20.5	20.6	20.6	20.6	2.5	21.0	20.9	20.8	20.8	20.8	0.1	21.0
		1	12	20.6	20.6	20.6	20.6	2.5	21.0	20.9	20.9	20.8	20.9	0.1	21.0
		1	24	20.5	20.6	20.5	20.6	2.5	21.0	20.9	20.9	20.9	20.9	0.1	21.0
		12	0	20.6	20.5	20.6	20.6	2.5	21.0	20.9	20.9	20.9	20.9	0.1	21.0
		12	7	20.6	20.6	20.6	20.6	2.5	21.0	20.9	20.9	20.9	20.8	0.1	21.0
		12	13	20.6	20.6	20.5	20.6	2.5	21.0	20.8	20.8	20.8	20.8	0.1	21.0
		25	0	20.6	20.5	20.6	20.6	2.5	21.0	20.9	20.9	20.9	20.8	0.1	21.0

LTE Band 48 Measured Results (ANT4)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)						Power Mode B (dBm)					
				55340	55773	56207	56640	MPR	Maximum Output Power	55340	55773	56207	56640	MPR	Maximum Output Power
				3560 MHz	3603.3 MHz	3646.7 MHz	3690 MHz			3560 MHz	3603.3 MHz	3646.7 MHz	3690 MHz		
20	QPSK	1	0	22.1	21.9	22.0	22.0	0	23.2	21.1	21.0	21.0	21.0	0	21.7
		1	49	22.1	22.0	22.1	22.3	0	23.2	21.1	21.1	21.1	21.4	0	21.7
		1	99	21.9	21.8	22.0	22.1	0	23.2	21.0	21.1	21.0	21.1	0	21.7
		50	0	21.7	21.6	21.6	21.8	0	23.2	21.0	21.1	21.0	21.1	0	21.7
		50	24	21.7	21.6	21.6	21.8	0	23.2	21.2	21.1	21.2	21.4	0	21.7
		50	50	21.6	21.6	21.6	21.7	0	23.2	21.0	21.2	21.2	21.0	0	21.7
		100	0	21.6	21.6	21.6	21.8	0	23.2	21.1	21.1	21.1	21.1	0	21.7
	16QAM	1	0	22.0	22.0	21.8	22.0	0	23.2	21.2	21.2	21.2	21.3	0	21.7
		1	49	21.9	21.8	21.8	22.1	0	23.2	21.2	21.2	21.2	21.1	0	21.7
		1	99	21.8	22.0	21.9	21.9	0	23.2	21.2	21.2	21.3	21.3	0	21.7
		50	0	20.9	20.8	21.1	20.9	1	22.2	21.3	21.3	21.2	21.3	0	21.7
		50	24	20.9	20.9	21.1	20.9	1	22.2	21.1	21.3	21.3	21.4	0	21.7
		50	50	21.1	20.9	21.0	21.0	1	22.2	21.2	21.1	21.3	21.3	0	21.7
		100	0	20.9	21.1	21.1	21.0	1	22.2	21.2	21.2	21.3	21.2	0	21.7
	64QAM	1	0	20.9	21.1	21.0	20.9	1	22.2	21.1	21.3	21.3	21.2	0	21.7
		1	49	21.0	21.0	20.9	20.9	1	22.2	21.2	21.1	21.1	21.3	0	21.7
		1	99	20.9	20.9	21.0	20.9	1	22.2	21.2	21.3	21.1	21.1	0	21.7
		50	0	19.9	19.8	19.8	20.0	2	21.2	20.8	20.9	20.6	20.7	0.5	21.2
		50	24	19.9	19.9	19.9	19.8	2	21.2	20.9	20.8	20.9	20.9	0.5	21.2
		50	50	20.0	20.1	20.0	20.1	2	21.2	20.8	20.7	20.7	20.6	0.5	21.2
		100	0	20.0	20.0	19.9	19.9	2	21.2	20.7	20.9	20.7	20.8	0.5	21.2
	256QAM	1	0	17.9	18.0	17.8	17.9	4	19.2	18.9	18.9	18.6	18.9	2.5	19.2
		1	49	17.9	18.0	18.1	17.8	4	19.2	18.9	18.7	18.7	18.8	2.5	19.2
		1	99	18.0	17.9	17.9	17.9	4	19.2	18.7	18.8	18.8	18.8	2.5	19.2
		50	0	18.0	17.9	17.9	17.8	4	19.2	18.8	18.6	18.7	18.8	2.5	19.2
		50	24	18.0	18.0	17.8	18.1	4	19.2	18.8	18.9	18.7	18.6	2.5	19.2
		50	50	17.9	17.8	17.8	18.0	4	19.2	18.7	18.9	18.9	18.7	2.5	19.2
		100	0	17.9	17.9	17.9	17.9	4	19.2	18.9	18.9	18.7	18.7	2.5	19.2
BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)						Power Mode B (dBm)					
				55315	55765	56215	56665	MPR	Maximum Output Power	55315	55765	56215	56665	MPR	Maximum Output Power
				3557.5 MHz	3602.5 MHz	3647.5 MHz	3692.5 MHz			3557.5 MHz	3602.5 MHz	3647.5 MHz	3692.5 MHz		
15	QPSK	1	0	22.1	21.9	21.9	21.9	0	23.2	21.3	21.3	21.2	21.3	0	21.7
		1	37	22.0	21.8	21.9	21.9	0	23.2	21.4	21.1	21.3	21.3	0	21.7
		1	74	22.1	21.9	22.0	22.1	0	23.2	21.3	21.1	21.1	21.1	0	21.7
		36	0	21.8	22.0	22.0	21.9	0	23.2	21.2	21.2	21.2	21.1	0	21.7
		36	20	22.0	21.9	22.0	22.0	0	23.2	21.1	21.3	21.2	21.3	0	21.7
		36	39	22.0	22.0	21.9	22.1	0	23.2	21.3	21.1	21.1	21.2	0	21.7
		75	0	22.0	21.9	21.9	21.9	0	23.2	21.2	21.1	21.3	21.3	0	21.7
	16QAM	1	0	21.9	22.0	22.1	21.8	0	23.2	21.3	21.2	21.4	21.2	0	21.7
		1	37	22.0	21.9	21.9	22.0	0	23.2	21.1	21.3	21.3	21.4	0	21.7
		1	74	22.0	22.0	21.9	22.1	0	23.2	21.3	21.2	21.2	21.3	0	21.7
		36	0	20.8	20.8	20.9	21.0	1	22.2	21.1	21.4	21.3	21.4	0	21.7
		36	20	21.0	21.0	20.9	20.9	1	22.2	21.3	21.3	21.3	21.1	0	21.7
		36	39	20.9	20.9	21.1	21.0	1	22.2	21.2	21.2	21.3	21.1	0	21.7
		75	0	21.1	20.9	21.0	21.0	1	22.2	21.3	21.4	21.1	21.2	0	21.7
	64QAM	1	0	21.1	21.0	21.1	21.0	1	22.2	21.1	21.4	21.3	21.2	0	21.7
		1	37	20.9	21.0	21.0	21.0	1	22.2	21.1	21.2	21.4	21.3	0	21.7
		1	74	20.9	20.8	21.0	20.9	1	22.2	21.2	21.1	21.2	21.2	0	21.7
		36	0	19.8	19.8	20.0	20.0	2	21.2	20.8	20.7	20.8	20.8	0.5	21.2
		36	20	19.9	20.0	20.0	19.9	2	21.2	20.8	20.8	20.7	20.8	0.5	21.2
		36	39	19.9	19.9	20.0	20.1	2	21.2	20.8	20.7	20.6	20.7	0.5	21.2
		75	0	19.9	19.9	19.8	19.9	2	21.2	20.8	20.9	20.8	20.7	0.5	21.2
	256QAM	1	0	17.9	17.9	17.8	17.8	4	19.2	18.8	18.9	18.7	18.7	2.5	19.2
		1	37	17.9	18.1	17.9	17.8	4	19.2	18.7	18.7	18.8	18.8	2.5	19.2
		1	74	18.0	18.0	17.9	18.0	4	19.2	18.8	18.7	18.7	18.8	2.5	19.2
		36	0	18.1	17.9	17.9	18.0	4	19.2	18.9	18.6	18.7	18.8	2.5	19.2
		36	20	17.9	18.1	17.9	17.9	4	19.2	18.7	18.7	18.6	18.7	2.5	19.2
		36	39	17.9	17.8	18.1	18.0	4	19.2	18.6	18.7	18.9	18.9	2.5	19.2
		75	0	17.9	17.9	17.9	17.9	4	19.2	18.9	18.6	18.7	18.7	2.5	19.2

LTE Band 48 Measured Results (ANT4) (continued)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)						Power Mode B (dBm)					
				55290	55757	56223	56690	MPR	Maximum Output Power	55290	55757	56223	56690	MPR	Maximum Output Power
				3555 MHz	3601.7 MHz	3648.3 MHz	3695 MHz			3555 MHz	3601.7 MHz	3648.3 MHz	3695 MHz		
10	QPSK	1	0	21.8	22.0	21.8	22.0	0	23.2	21.2	21.3	21.3	21.3	0	21.7
		1	25	22.0	22.0	21.9	21.9	0	23.2	21.4	21.2	21.3	21.2	0	21.7
		1	49	21.9	22.0	22.0	22.0	0	23.2	21.3	21.2	21.3	21.3	0	21.7
		25	0	21.9	22.0	21.9	21.8	0	23.2	21.1	21.1	21.2	21.1	0	21.7
		25	12	21.9	21.8	22.0	22.0	0	23.2	21.3	21.3	21.2	21.3	0	21.7
		25	25	21.8	22.0	21.9	22.0	0	23.2	21.2	21.2	21.2	21.3	0	21.7
		50	0	22.1	21.9	22.1	21.9	0	23.2	21.2	21.2	21.3	21.2	0	21.7
	16QAM	1	0	22.0	22.1	21.8	22.0	0	23.2	21.3	21.1	21.3	21.4	0	21.7
		1	25	21.9	21.9	21.9	21.8	0	23.2	21.2	21.3	21.3	21.1	0	21.7
		1	49	21.9	21.9	22.0	22.0	0	23.2	21.1	21.2	21.3	21.3	0	21.7
		25	0	20.9	20.9	21.0	21.0	1	22.2	21.3	21.3	21.2	21.1	0	21.7
		25	12	21.0	20.9	20.9	21.0	1	22.2	21.2	21.1	21.3	21.3	0	21.7
		25	25	21.0	21.0	20.9	21.1	1	22.2	21.2	21.2	21.3	21.4	0	21.7
		50	0	21.0	20.9	20.9	20.8	1	22.2	21.3	21.2	21.2	21.2	0	21.7
	64QAM	1	0	21.0	20.8	20.9	21.1	1	22.2	21.3	21.1	21.1	21.2	0	21.7
		1	25	20.8	21.1	20.9	20.9	1	22.2	21.3	21.2	21.1	21.4	0	21.7
		1	49	21.1	20.8	20.9	20.8	1	22.2	21.1	21.2	21.3	21.2	0	21.7
		25	0	20.0	20.0	19.9	20.0	2	21.2	20.7	20.9	20.6	20.6	0.5	21.2
		25	12	20.0	19.9	19.9	20.0	2	21.2	20.9	20.9	20.8	20.6	0.5	21.2
		25	25	20.1	19.9	19.9	19.9	2	21.2	20.8	20.9	20.9	20.8	0.5	21.2
		50	0	19.8	19.8	20.0	20.1	2	21.2	20.9	20.9	20.7	20.7	0.5	21.2
	256QAM	1	0	17.8	18.0	17.8	17.8	4	19.2	18.7	18.7	18.6	18.8	2.5	19.2
		1	25	17.9	17.9	17.8	17.9	4	19.2	18.9	18.7	18.8	18.6	2.5	19.2
		1	49	17.8	17.9	17.9	17.9	4	19.2	18.8	18.8	18.7	18.6	2.5	19.2
		25	0	17.9	17.8	18.0	18.0	4	19.2	18.8	18.9	18.7	18.7	2.5	19.2
		25	12	18.0	18.0	17.8	18.0	4	19.2	18.9	18.8	18.6	18.9	2.5	19.2
		25	25	17.9	17.8	18.1	17.8	4	19.2	18.9	18.6	18.8	18.7	2.5	19.2
		50	0	18.1	17.9	17.9	17.8	4	19.2	18.8	18.7	18.8	18.7	2.5	19.2

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)						Power Mode B (dBm)					
				55265	55748	56232	56715	MPR	Maximum Output Power	55265	55748	56232	56715	MPR	Maximum Output Power
				3552.5 MHz	3600.8 MHz	3649.2 MHz	3697.5 MHz			3552.5 MHz	3600.8 MHz	3649.2 MHz	3697.5 MHz		
5	QPSK	1	0	21.9	21.8	22.1	21.9	0	23.2	21.2	21.1	21.4	21.1	0	21.7
		1	12	21.9	21.8	22.0	22.0	0	23.2	21.1	21.3	21.3	21.3	0	21.7
		1	24	21.8	22.0	21.9	22.0	0	23.2	21.4	21.4	21.2	21.2	0	21.7
		12	0	21.9	21.9	21.9	21.9	0	23.2	21.2	21.3	21.4	21.1	0	21.7
		12	7	22.0	22.0	21.8	22.0	0	23.2	21.2	21.2	21.1	21.4	0	21.7
		12	13	22.0	21.9	22.0	22.0	0	23.2	21.2	21.3	21.3	21.2	0	21.7
		25	0	21.8	22.1	22.0	22.0	0	23.2	21.3	21.2	21.2	21.1	0	21.7
	16QAM	1	0	22.0	21.9	22.0	22.0	0	23.2	21.3	21.3	21.1	21.2	0	21.7
		1	12	21.9	21.9	21.9	21.9	0	23.2	21.3	21.3	21.2	21.4	0	21.7
		1	24	22.0	22.0	21.9	21.9	0	23.2	21.4	21.1	21.2	21.2	0	21.7
		12	0	20.9	20.8	20.8	21.1	1	22.2	21.2	21.1	21.3	21.3	0	21.7
		12	7	21.1	20.8	20.9	20.9	1	22.2	21.2	21.3	21.2	21.3	0	21.7
		12	13	21.0	21.0	21.0	20.9	1	22.2	21.1	21.2	21.4	21.3	0	21.7
		25	0	21.0	20.9	20.9	21.0	1	22.2	21.1	21.4	21.4	21.4	0	21.7
	64QAM	1	0	20.9	21.0	20.8	20.9	1	22.2	21.3	21.3	21.2	21.2	0	21.7
		1	12	21.0	21.1	20.8	20.9	1	22.2	21.3	21.1	21.2	21.2	0	21.7
		1	24	21.0	20.9	21.0	20.8	1	22.2	21.2	21.2	21.4	21.3	0	21.7
		12	0	20.1	19.8	19.8	20.0	2	21.2	20.8	20.9	20.6	20.9	0.5	21.2
		12	7	19.8	20.1	20.1	20.0	2	21.2	20.9	20.9	20.7	20.8	0.5	21.2
		12	13	19.9	20.1	19.9	20.0	2	21.2	20.6	20.9	20.8	20.8	0.5	21.2
		25	0	20.1	19.9	20.0	19.9	2	21.2	20.7	20.8	20.8	20.7	0.5	21.2
	256QAM	1	0	18.1	18.0	17.9	17.9	4	19.2	18.6	18.8	18.8	18.6	2.5	19.2
		1	12	18.0	17.8	17.9	18.0	4	19.2	18.7	18.7	18.7	18.6	2.5	19.2
		1	24	18.1	18.0	18.0	17.9	4	19.2	18.8	18.7	18.6	18.7	2.5	19.2
		12	0	18.1	18.0	18.1	17.8	4	19.2	18.7	18.7	18.8	18.8	2.5	19.2
		12	7	17.9	17.9	18.0	17.9	4	19.2	18.7	18.8	18.8	18.8	2.5	19.2
		12	13	17.8	17.8	18.1	18.0	4	19.2	18.7	18.7	18.8	18.6	2.5	19.2
		25	0	17.9	17.9	18.0	18.0	4	19.2	18.9	18.7	18.6	18.8	2.5	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	Maximum	60197	MPR	Maximum
				2489.2 MHz		Output Power	2489.2 MHz		Output Power
10	QPSK	1	0	20.4	0	20.7	20.4	0	20.7
		1	25	20.5	0	20.7	20.5	0	20.7
		1	49	20.4	0	20.7	20.4	0	20.7
		25	0	20.4	0	20.7	20.4	0	20.7
		25	12	20.5	0	20.7	20.5	0	20.7
		25	25	20.5	0	20.7	20.5	0	20.7
		50	0	20.4	0	20.7	20.4	0	20.7
	16QAM	1	0	20.5	0	20.7	20.5	0	20.7
		1	25	20.6	0	20.7	20.6	0	20.7
		1	49	20.5	0	20.7	20.5	0	20.7
		25	0	20.4	0	20.7	20.4	0	20.7
		25	12	20.5	0	20.7	20.5	0	20.7
		25	25	20.4	0	20.7	20.4	0	20.7
		50	0	20.4	0	20.7	20.4	0	20.7
	64QAM	1	0	20.4	0	20.7	20.4	0	20.7
		1	25	20.5	0	20.7	20.5	0	20.7
		1	49	20.4	0	20.7	20.4	0	20.7
		25	0	20.4	0	20.7	20.4	0	20.7
		25	12	20.4	0	20.7	20.4	0	20.7
		25	25	20.4	0	20.7	20.4	0	20.7
		50	0	20.4	0	20.7	20.4	0	20.7
	256QAM	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	20.4	0	20.7	20.4	0	20.7
		50	0	20.4	0	20.7	20.4	0	20.7

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)			Power Mode B (dBm)		
				60197	MPR	Maximum	60197	MPR	Maximum
				2489.2 MHz		Output Power	2489.2 MHz		Output Power
5	QPSK	1	0	20.3	0	20.7	20.3	0	20.7
		1	12	20.5	0	20.7	20.5	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	20.5	0	20.7	20.5	0	20.7
		12	13	20.4	0	20.7	20.4	0	20.7
		25	0	20.4	0	20.7	20.4	0	20.7
	16QAM	1	0	20.4	0	20.7	20.4	0	20.7
		1	12	20.6	0	20.7	20.6	0	20.7
		1	24	20.5	0	20.7	20.5	0	20.7
		12	0	20.4	0	20.7	20.4	0	20.7
		12	7	20.4	0	20.7	20.4	0	20.7
		12	13	20.4	0	20.7	20.4	0	20.7
		25	0	20.4	0	20.7	20.4	0	20.7
	64QAM	1	0	20.3	0	20.7	20.3	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	20.4	0	20.7	20.4	0	20.7
		25	0	20.4	0	20.7	20.4	0	20.7
	256QAM	1	0	20.3	0	20.7	20.3	0	20.7
		1	12	20.4	0	20.7	20.4	0	20.7
		1	24	20.4	0	20.7	20.4	0	20.7
		12	0	20.4	0	20.7	20.4	0	20.7
		12	7	20.4	0	20.7	20.4	0	20.7
		12	13	20.4	0	20.7	20.4	0	20.7
		25	0	20.4	0	20.7	20.4	0	20.7

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	Maximum Output Power	60155	60197	60240	MPR	Maximum Output Power
				2485 MHz	2489.2 MHz	2493.5 MHz			2485 MHz	2489.2 MHz	2493.5 MHz		
3	QPSK	1	0	20.3	20.3	20.3	0	20.7	20.3	20.3	20.3	0	20.7
		1	8	20.4	20.5	20.4	0	20.7	20.4	20.5	20.4	0	20.7
		1	14	20.3	20.3	20.3	0	20.7	20.3	20.3	20.3	0	20.7
		8	0	20.5	20.4	20.4	0	20.7	20.5	20.4	20.4	0	20.7
		8	4	20.5	20.5	20.4	0	20.7	20.5	20.5	20.4	0	20.7
		8	7	20.5	20.4	20.4	0	20.7	20.5	20.4	20.4	0	20.7
		15	0	20.5	20.4	20.4	0	20.7	20.5	20.4	20.4	0	20.7
	16QAM	1	0	20.4	20.3	20.2	0	20.7	20.4	20.3	20.2	0	20.7
		1	8	20.5	20.4	20.3	0	20.7	20.5	20.4	20.3	0	20.7
		1	14	20.5	20.3	20.2	0	20.7	20.5	20.3	20.2	0	20.7
		8	0	20.4	20.4	20.4	0	20.7	20.4	20.4	20.4	0	20.7
		8	4	20.5	20.4	20.5	0	20.7	20.5	20.4	20.5	0	20.7
		8	7	20.5	20.4	20.4	0	20.7	20.5	20.4	20.4	0	20.7
		15	0	20.4	20.4	20.4	0	20.7	20.4	20.4	20.4	0	20.7
	64QAM	1	0	20.3	20.4	20.2	0	20.7	20.3	20.4	20.2	0	20.7
		1	8	20.5	20.5	20.3	0	20.7	20.5	20.5	20.3	0	20.7
		1	14	20.3	20.4	20.3	0	20.7	20.3	20.4	20.3	0	20.7
		8	0	20.4	20.4	20.4	0	20.7	20.4	20.4	20.4	0	20.7
		8	4	20.4	20.4	20.4	0	20.7	20.4	20.4	20.4	0	20.7
		8	7	20.5	20.4	20.4	0	20.7	20.5	20.4	20.4	0	20.7
		15	0	20.5	20.4	20.4	0	20.7	20.5	20.4	20.4	0	20.7
	256QAM	1	0	20.3	20.3	20.4	0	20.7	20.3	20.3	20.4	0	20.7
		1	8	20.4	20.5	20.4	0	20.7	20.4	20.5	20.4	0	20.7
		1	14	20.4	20.3	20.3	0	20.7	20.4	20.3	20.3	0	20.7
		8	0	20.4	20.4	20.4	0	20.7	20.4	20.4	20.4	0	20.7
		8	4	20.5	20.4	20.4	0	20.7	20.5	20.4	20.4	0	20.7
		8	7	20.5	20.4	20.4	0	20.7	20.5	20.4	20.4	0	20.7
		15	0	20.4	20.4	20.4	0	20.7	20.4	20.4	20.4	0	20.7

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)					Power Mode B (dBm)				
				60147	60197	60248	MPR	Maximum Output Power	60147	60197	60248	MPR	Maximum Output Power
				2484.2 MHz	2489.2 MHz	2494.3 MHz			2484.2 MHz	2489.2 MHz	2494.3 MHz		
1.4	QPSK	1	0	20.4	20.4	20.4	0	20.7	20.4	20.4	20.4	0	20.7
		1	3	20.3	20.4	20.4	0	20.7	20.3	20.4	20.4	0	20.7
		1	5	20.2	20.4	20.4	0	20.7	20.2	20.4	20.4	0	20.7
		3	0	20.4	20.5	20.4	0	20.7	20.4	20.5	20.4	0	20.7
		3	1	20.4	20.5	20.4	0	20.7	20.4	20.5	20.4	0	20.7
		3	3	20.4	20.5	20.4	0	20.7	20.4	20.5	20.4	0	20.7
		6	0	20.4	20.5	20.4	0	20.7	20.4	20.5	20.4	0	20.7
	16QAM	1	0	20.3	20.5	20.4	0	20.7	20.3	20.5	20.4	0	20.7
		1	3	20.6	20.4	20.5	0	20.7	20.6	20.4	20.5	0	20.7
		1	5	20.0	20.4	20.5	0	20.7	20.0	20.4	20.5	0	20.7
		3	0	20.4	20.2	20.4	0	20.7	20.4	20.2	20.4	0	20.7
		3	1	20.4	20.4	20.4	0	20.7	20.4	20.4	20.4	0	20.7
		3	3	20.4	20.4	20.4	0	20.7	20.4	20.4	20.4	0	20.7
		6	0	20.4	20.5	20.4	0	20.7	20.4	20.5	20.4	0	20.7
	64QAM	1	0	20.5	20.5	20.4	0	20.7	20.5	20.5	20.4	0	20.7
		1	3	20.4	20.4	20.5	0	20.7	20.4	20.4	20.5	0	20.7
		1	5	20.5	20.4	20.5	0	20.7	20.5	20.4	20.5	0	20.7
		3	0	20.3	20.3	20.6	0	20.7	20.3	20.3	20.6	0	20.7
		3	1	20.3	20.4	20.7	0	20.7	20.3	20.4	20.7	0	20.7
		3	3	20.3	20.4	20.7	0	20.7	20.3	20.4	20.7	0	20.7
		6	0	20.4	20.3	20.5	0	20.7	20.4	20.3	20.5	0	20.7
	256QAM	1	0	20.4	20.4	20.4	0	20.7	20.4	20.4	20.4	0	20.7
		1	3	20.4	20.4	20.5	0	20.7	20.4	20.4	20.5	0	20.7
		1	5	20.4	20.5	20.5	0	20.7	20.4	20.5	20.5	0	20.7
		3	0	20.5	20.4	20.4	0	20.7	20.5	20.4	20.4	0	20.7
		3	1	20.4	20.4	20.5	0	20.7	20.4	20.4	20.5	0	20.7
		3	3	20.4	20.6	20.5	0	20.7	20.4	20.6	20.5	0	20.7
		6	0	20.5	20.7	20.4	0	20.7	20.5	20.7	20.4	0	20.7

LTE Band 53 Measured Results (ANT2)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)			Power Mode B (dBm)		
				60197	MPR	Maximum	60197	MPR	Maximum
				2489.2 MHz		Output Power	2489.2 MHz		Output Power
10	QPSK	1	0	19.6	0	20.7	20.2	0	20.7
		1	25	19.6	0	20.7	20.3	0	20.7
		1	49	19.6	0	20.7	20.3	0	20.7
		25	0	19.7	0	20.7	20.3	0	20.7
		25	12	19.7	0	20.7	20.4	0	20.7
		25	25	19.7	0	20.7	20.4	0	20.7
		50	0	19.7	0	20.7	20.3	0	20.7
	16QAM	1	0	19.7	0	20.7	20.3	0	20.7
		1	25	19.7	0	20.7	20.4	0	20.7
		1	49	19.8	0	20.7	20.4	0	20.7
		25	0	19.7	0	20.7	20.4	0	20.7
		25	12	19.7	0	20.7	20.4	0	20.7
		25	25	19.7	0	20.7	20.4	0	20.7
		50	0	19.7	0	20.7	20.4	0	20.7
	64QAM	1	0	19.5	0	20.7	20.3	0	20.7
		1	25	19.6	0	20.7	20.4	0	20.7
		1	49	19.6	0	20.7	20.4	0	20.7
		25	0	19.6	0	20.7	20.4	0	20.7
		25	12	19.7	0	20.7	20.4	0	20.7
		25	25	19.7	0	20.7	20.4	0	20.7
		50	0	19.6	0	20.7	20.4	0	20.7
	256QAM	1	0	18.3	2	18.7	18.3	2	18.7
		1	25	18.4	2	18.7	18.4	2	18.7
		1	49	18.3	2	18.7	18.4	2	18.7
		25	0	18.3	2	18.7	18.4	2	18.7
		25	12	18.3	2	18.7	18.4	2	18.7
		25	25	18.4	2	18.7	18.4	2	18.7
		50	0	18.3	2	18.7	18.4	2	18.7

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)			Power Mode B (dBm)		
				60197	MPR	Maximum	60197	MPR	Maximum
				2489.2 MHz		Output Power	2489.2 MHz		Output Power
5	QPSK	1	0	19.6	0	20.7	20.2	0	20.7
		1	12	19.6	0	20.7	20.3	0	20.7
		1	24	19.6	0	20.7	20.3	0	20.7
		12	0	19.6	0	20.7	20.3	0	20.7
		12	7	19.7	0	20.7	20.4	0	20.7
		12	13	19.6	0	20.7	20.3	0	20.7
		25	0	19.6	0	20.7	20.3	0	20.7
	16QAM	1	0	19.7	0	20.7	20.3	0	20.7
		1	12	19.8	0	20.7	20.4	0	20.7
		1	24	19.7	0	20.7	20.3	0	20.7
		12	0	19.6	0	20.7	20.3	0	20.7
		12	7	19.7	0	20.7	20.4	0	20.7
		12	13	19.7	0	20.7	20.4	0	20.7
		25	0	19.6	0	20.7	20.3	0	20.7
	64QAM	1	0	19.6	0	20.7	20.2	0	20.7
		1	12	19.7	0	20.7	20.3	0	20.7
		1	24	19.6	0	20.7	20.3	0	20.7
		12	0	19.6	0	20.7	20.3	0	20.7
		12	7	19.6	0	20.7	20.4	0	20.7
		12	13	19.6	0	20.7	20.4	0	20.7
		25	0	19.6	0	20.7	20.4	0	20.7
	256QAM	1	0	18.3	2	18.7	18.3	2	18.7
		1	12	18.3	2	18.7	18.4	2	18.7
		1	24	18.3	2	18.7	18.4	2	18.7
		12	0	18.3	2	18.7	18.4	2	18.7
		12	7	18.4	2	18.7	18.4	2	18.7
		12	13	18.3	2	18.7	18.4	2	18.7
		25	0	18.3	2	18.7	18.4	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	Maximum Output Power	60155	60197	60240	MPR	Maximum Output Power
				2485 MHz	2489.2 MHz	2493.5 MHz			2485 MHz	2489.2 MHz	2493.5 MHz		
3	QPSK	1	0	19.6	19.5	19.6	0	20.7	20.2	20.2	20.2	0	20.7
		1	8	19.7	19.6	19.6	0	20.7	20.3	20.3	20.4	0	20.7
		1	14	19.5	19.5	19.6	0	20.7	20.2	20.2	20.3	0	20.7
		8	0	19.7	19.6	19.7	0	20.7	20.3	20.3	20.4	0	20.7
		8	4	19.7	19.6	19.7	0	20.7	20.4	20.4	20.4	0	20.7
		8	7	19.7	19.6	19.7	0	20.7	20.4	20.3	20.4	0	20.7
		15	0	19.7	19.6	19.7	0	20.7	20.3	20.3	20.4	0	20.7
	16QAM	1	0	19.6	19.6	19.5	0	20.7	20.4	20.3	20.2	0	20.7
		1	8	19.6	19.7	19.6	0	20.7	20.4	20.4	20.3	0	20.7
		1	14	19.5	19.7	19.6	0	20.7	20.4	20.4	20.3	0	20.7
		8	0	19.7	19.6	19.7	0	20.7	20.3	20.3	20.4	0	20.7
		8	4	19.7	19.7	19.7	0	20.7	20.4	20.4	20.4	0	20.7
		8	7	19.7	19.7	19.7	0	20.7	20.4	20.4	20.4	0	20.7
		15	0	19.7	19.6	19.7	0	20.7	20.4	20.3	20.4	0	20.7
	64QAM	1	0	19.5	19.3	19.4	0	20.7	20.4	20.4	20.3	0	20.7
		1	8	19.6	19.5	19.6	0	20.7	20.5	20.4	20.3	0	20.7
		1	14	19.6	19.5	19.5	0	20.7	20.4	20.3	20.1	0	20.7
		8	0	19.7	19.6	19.6	0	20.7	20.4	20.4	20.3	0	20.7
		8	4	19.7	19.6	19.7	0	20.7	20.4	20.4	20.4	0	20.7
		8	7	19.7	19.6	19.7	0	20.7	20.4	20.4	20.4	0	20.7
		15	0	19.7	19.6	19.6	0	20.7	20.4	20.4	20.3	0	20.7
	256QAM	1	0	18.3	18.2	18.2	2	18.7	18.2	18.3	18.3	2	18.7
		1	8	18.4	18.3	18.4	2	18.7	18.3	18.3	18.4	2	18.7
		1	14	18.2	18.3	18.2	2	18.7	18.2	18.2	18.3	2	18.7
		8	0	18.4	18.3	18.3	2	18.7	18.4	18.3	18.4	2	18.7
		8	4	18.4	18.4	18.4	2	18.7	18.4	18.4	18.4	2	18.7
		8	7	18.4	18.4	18.4	2	18.7	18.4	18.4	18.4	2	18.7
		15	0	18.4	18.3	18.4	2	18.7	18.4	18.4	18.4	2	18.7

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)					Power Mode B (dBm)				
				60147	60197	60248	MPR	Maximum Output Power	60147	60197	60248	MPR	Maximum Output Power
				2484.2 MHz	2489.2 MHz	2494.3 MHz			2484.2 MHz	2489.2 MHz	2494.3 MHz		
1.4	QPSK	1	0	19.6	19.6	19.5	0	20.7	20.2	20.2	20.3	0	20.7
		1	3	19.6	19.6	19.7	0	20.7	20.3	20.3	20.3	0	20.7
		1	5	19.5	19.6	19.6	0	20.7	20.3	20.2	20.3	0	20.7
		3	0	19.7	19.6	19.7	0	20.7	20.3	20.3	20.3	0	20.7
		3	1	19.6	19.6	19.7	0	20.7	20.4	20.4	20.4	0	20.7
		3	3	19.6	19.6	19.7	0	20.7	20.4	20.3	20.4	0	20.7
		6	0	19.6	19.6	19.7	0	20.7	20.3	20.3	20.3	0	20.7
	16QAM	1	0	19.6	19.5	19.7	0	20.7	20.4	20.3	20.6	0	20.7
		1	3	19.7	19.5	19.8	0	20.7	20.5	20.4	20.5	0	20.7
		1	5	19.4	19.5	19.7	0	20.7	20.6	20.4	20.4	0	20.7
		3	0	19.5	19.5	19.7	0	20.7	20.3	20.3	20.4	0	20.7
		3	1	19.5	19.6	19.7	0	20.7	20.2	20.4	20.4	0	20.7
		3	3	19.7	19.6	19.5	0	20.7	20.3	20.4	20.4	0	20.7
		6	0	19.7	19.6	19.7	0	20.7	20.4	20.3	20.4	0	20.7
	64QAM	1	0	19.4	19.5	19.4	0	20.7	20.3	20.4	20.4	0	20.7
		1	3	19.4	19.5	19.5	0	20.7	20.5	20.4	20.3	0	20.7
		1	5	19.5	19.5	19.2	0	20.7	20.4	20.3	20.2	0	20.7
		3	0	19.9	19.6	19.7	0	20.7	20.1	20.4	20.5	0	20.7
		3	1	19.9	19.6	19.6	0	20.7	20.2	20.4	20.5	0	20.7
		3	3	19.9	19.7	19.7	0	20.7	20.1	20.4	20.5	0	20.7
		6	0	19.6	19.6	19.6	0	20.7	20.3	20.4	20.4	0	20.7
	256QAM	1	0	18.2	18.3	18.4	2	18.7	18.2	18.3	18.4	2	18.7
		1	3	18.3	18.4	18.3	2	18.7	18.4	18.3	18.4	2	18.7
		1	5	18.3	18.3	18.2	2	18.7	18.4	18.2	18.4	2	18.7
		3	0	18.4	18.4	18.3	2	18.7	18.5	18.3	18.2	2	18.7
		3	1	18.3	18.4	18.3	2	18.7	18.2	18.4	18.3	2	18.7
		3	3	18.3	18.4	18.4	2	18.7	18.4	18.4	18.4	2	18.7
		6	0	18.3	18.6	18.3	2	18.7	18.2	18.4	18.5	2	18.7

LTE Band 66 Measured Results (ANT1)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)					Power Mode B (dBm)				
				132072	132322	132572	MPR	Maximum Output Power	132072	132322	132572	MPR	Maximum Output Power
				1720 MHz	1745 MHz	1770 MHz			1720 MHz	1745 MHz	1770 MHz		
20	QPSK	1	0	25.2	25.1	24.8	0	25.3	18.2	18.1	18.0	0	19.5
		1	49	25.2	25.1	24.8	0	25.3	18.2	18.1	18.0	0	19.5
		1	99	25.2	25.1	24.8	0	25.3	18.2	18.0	17.9	0	19.5
		50	0	24.7	24.6	24.3	0.6	24.7	18.2	18.1	18.0	0	19.5
		50	24	24.7	24.6	24.3	0.6	24.7	18.3	18.2	18.1	0	19.5
		50	50	24.7	24.6	24.3	0.6	24.7	18.3	18.2	18.1	0	19.5
		100	0	24.5	24.5	24.2	0.6	24.7	18.2	18.2	18.1	0	19.5
	16QAM	1	0	24.7	24.7	24.7	0.6	24.7	18.5	18.3	18.2	0	19.5
		1	49	24.7	24.7	24.7	0.6	24.7	18.5	18.4	18.3	0	19.5
		1	99	24.7	24.7	24.6	0.6	24.7	18.5	18.3	18.1	0	19.5
		50	0	23.7	23.7	23.5	1.6	23.7	18.2	18.1	18.0	0	19.5
		50	24	23.7	23.7	23.6	1.6	23.7	18.3	18.2	18.1	0	19.5
		50	50	23.7	23.7	23.6	1.6	23.7	18.3	18.2	18.1	0	19.5
		100	0	23.7	23.7	23.6	1.6	23.7	18.3	18.1	18.1	0	19.5
	64QAM	1	0	23.7	23.7	23.6	1.6	23.7	18.4	18.4	18.2	0	19.5
		1	49	23.7	23.7	23.7	1.6	23.7	18.6	18.4	18.3	0	19.5
		1	99	23.7	23.7	23.5	1.6	23.7	18.5	18.3	18.1	0	19.5
		50	0	22.7	22.7	22.5	2.6	22.7	18.2	18.1	18.0	0	19.5
		50	24	22.7	22.7	22.6	2.6	22.7	18.3	18.2	18.1	0	19.5
		50	50	22.7	22.7	22.6	2.6	22.7	18.3	18.2	18.0	0	19.5
		100	0	22.7	22.7	22.6	2.6	22.7	18.3	18.1	18.1	0	19.5
	256QAM	1	0	20.7	20.7	20.7	4.6	20.7	18.5	18.3	18.2	0	19.5
		1	49	20.7	20.7	20.7	4.6	20.7	18.5	18.3	18.2	0	19.5
		1	99	20.7	20.7	20.7	4.6	20.7	18.4	18.3	18.1	0	19.5
		50	0	20.7	20.7	20.5	4.6	20.7	18.3	18.1	18.0	0	19.5
		50	24	20.7	20.7	20.6	4.6	20.7	18.3	18.2	18.1	0	19.5
		50	50	20.7	20.7	20.6	4.6	20.7	18.3	18.2	18.0	0	19.5
		100	0	20.7	20.7	20.6	4.6	20.7	18.3	18.1	18.0	0	19.5

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)					Power Mode B (dBm)				
				132047	132322	132597	MPR	Maximum Output Power	132047	132322	132597	MPR	Maximum Output Power
				1717.5 MHz	1745 MHz	1772.5 MHz			1717.5 MHz	1745 MHz	1772.5 MHz		
15	QPSK	1	0	25.3	25.2	25.0	0	25.3	18.1	18.1	17.9	0	19.5
		1	37	25.3	25.2	25.0	0	25.3	18.2	18.1	17.9	0	19.5
		1	74	25.3	25.2	24.9	0	25.3	18.1	18.1	17.8	0	19.5
		36	0	24.7	24.7	24.5	0.6	24.7	18.2	18.1	18.0	0	19.5
		36	20	24.7	24.6	24.5	0.6	24.7	18.3	18.2	18.0	0	19.5
		36	39	24.7	24.7	24.6	0.6	24.7	18.3	18.2	18.0	0	19.5
		75	0	24.7	24.7	24.5	0.6	24.7	18.3	18.2	18.0	0	19.5
	16QAM	1	0	24.7	24.7	24.7	0.6	24.7	18.6	18.5	18.4	0	19.5
		1	37	24.7	24.7	24.7	0.6	24.7	18.6	18.6	18.3	0	19.5
		1	74	24.7	24.7	24.7	0.6	24.7	18.5	18.5	18.2	0	19.5
		36	0	23.7	23.7	23.5	1.6	23.7	18.2	18.1	18.0	0	19.5
		36	20	23.7	23.7	23.5	1.6	23.7	18.3	18.2	18.0	0	19.5
		36	39	23.7	23.7	23.6	1.6	23.7	18.3	18.1	18.0	0	19.5
		75	0	23.7	23.6	23.5	1.6	23.7	18.3	18.2	18.0	0	19.5
	64QAM	1	0	23.7	23.7	23.6	1.6	23.7	18.4	18.2	18.1	0	19.5
		1	37	23.7	23.7	23.6	1.6	23.7	18.4	18.2	18.1	0	19.5
		1	74	23.7	23.7	23.5	1.6	23.7	18.4	18.1	17.9	0	19.5
		36	0	22.7	22.7	22.5	2.6	22.7	18.3	18.1	17.9	0	19.5
		36	20	22.7	22.7	22.5	2.6	22.7	18.3	18.1	17.9	0	19.5
		36	39	22.7	22.7	22.6	2.6	22.7	18.3	18.1	18.0	0	19.5
		75	0	22.7	22.7	22.5	2.6	22.7	18.3	18.1	17.9	0	19.5
	256QAM	1	0	20.7	20.7	20.7	4.6	20.7	18.3	18.1	18.0	0	19.5
		1	37	20.7	20.7	20.7	4.6	20.7	18.3	18.2	18.0	0	19.5
		1	74	20.7	20.7	20.7	4.6	20.7	18.3	18.1	18.0	0	19.5
		36	0	20.7	20.7	20.5	4.6	20.7	18.3	18.1	18.0	0	19.5
		36	20	20.7	20.7	20.5	4.6	20.7	18.3	18.1	17.9	0	19.5
		36	39	20.7	20.7	20.6	4.6	20.7	18.3	18.1	18.0	0	19.5
		75	0	20.7	20.7	20.5	4.6	20.7	18.3	18.1	17.9	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	Maximum Output Power	132022	132322	132622	MPR	Maximum Output Power
				1715 MHz	1745 MHz	1775 MHz			1715 MHz	1745 MHz	1775 MHz		
10	QPSK	1	0	24.7	24.7	25.2	0	25.3	18.4	18.2	18.1	0	19.5
		1	25	24.7	24.7	25.3	0	25.3	18.4	18.3	18.1	0	19.5
		1	49	24.7	24.7	25.2	0	25.3	18.3	18.2	18.0	0	19.5
		25	0	24.7	24.7	24.6	0.6	24.7	18.4	18.2	18.1	0	19.5
		25	12	24.7	24.7	24.6	0.6	24.7	18.5	18.3	18.1	0	19.5
		25	25	24.7	24.7	24.7	0.6	24.7	18.4	18.3	18.1	0	19.5
		50	0	24.7	24.7	24.6	0.6	24.7	18.4	18.3	18.1	0	19.5
	16QAM	1	0	24.7	24.7	24.7	0.6	24.7	18.6	18.5	18.4	0	19.5
		1	25	24.7	24.7	24.7	0.6	24.7	18.7	18.5	18.3	0	19.5
		1	49	24.7	24.7	24.7	0.6	24.7	18.6	18.5	18.3	0	19.5
		25	0	23.7	23.7	23.7	1.6	23.7	18.4	18.2	18.1	0	19.5
		25	12	23.7	23.7	23.7	1.6	23.7	18.5	18.3	18.1	0	19.5
		25	25	23.7	23.7	23.7	1.6	23.7	18.4	18.3	18.2	0	19.5
		50	0	23.7	23.7	23.6	1.6	23.7	18.5	18.3	18.1	0	19.5
	64QAM	1	0	23.7	23.7	23.7	1.6	23.7	18.6	18.4	18.3	0	19.5
		1	25	23.7	23.7	23.7	1.6	23.7	18.6	18.5	18.3	0	19.5
		1	49	23.7	23.7	23.7	1.6	23.7	18.5	18.4	18.2	0	19.5
		25	0	22.7	22.7	22.6	2.6	22.7	18.5	18.2	18.1	0	19.5
		25	12	22.7	22.7	22.6	2.6	22.7	18.5	18.3	18.1	0	19.5
		25	25	22.7	22.7	22.7	2.6	22.7	18.5	18.3	18.1	0	19.5
		50	0	22.7	22.7	22.6	2.6	22.7	18.5	18.3	18.0	0	19.5
	256QAM	1	0	20.7	20.7	20.7	4.6	20.7	18.5	18.3	18.2	0	19.5
		1	25	20.7	20.7	20.7	4.6	20.7	18.6	18.4	18.2	0	19.5
		1	49	20.7	20.7	20.7	4.6	20.7	18.5	18.4	18.2	0	19.5
		25	0	20.7	20.7	20.6	4.6	20.7	18.5	18.2	18.1	0	19.5
		25	12	20.7	20.7	20.7	4.6	20.7	18.5	18.3	18.1	0	19.5
		25	25	20.7	20.7	20.7	4.6	20.7	18.5	18.3	18.1	0	19.5
		50	0	20.7	20.7	20.6	4.6	20.7	18.5	18.3	18.0	0	19.5

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)					Power Mode B (dBm)				
				131997	132322	132647	MPR	Maximum Output Power	131997	132322	132647	MPR	Maximum Output Power
				1712.5 MHz	1745 MHz	1777.5 MHz			1712.5 MHz	1745 MHz	1777.5 MHz		
5	QPSK	1	0	24.7	25.3	25.1	0	25.3	18.3	18.2	18.0	0	19.5
		1	12	24.7	24.7	25.2	0	25.3	18.4	18.3	18.1	0	19.5
		1	24	24.7	25.3	25.1	0	25.3	18.3	18.2	18.0	0	19.5
		12	0	24.7	24.7	24.7	0.6	24.7	18.5	18.2	18.1	0	19.5
		12	7	24.7	24.7	24.7	0.6	24.7	18.5	18.3	18.1	0	19.5
		12	13	24.7	24.7	24.7	0.6	24.7	18.5	18.3	18.1	0	19.5
		25	0	24.7	24.7	24.7	0.6	24.7	18.4	18.3	18.0	0	19.5
	16QAM	1	0	24.7	24.7	24.7	0.6	24.7	18.8	18.6	18.4	0	19.5
		1	12	24.7	24.7	24.7	0.6	24.7	18.9	18.7	18.4	0	19.5
		1	24	24.7	24.7	24.7	0.6	24.7	18.8	18.6	18.3	0	19.5
		12	0	23.7	23.7	23.7	1.6	23.7	18.5	18.2	18.1	0	19.5
		12	7	23.7	23.7	23.7	1.6	23.7	18.5	18.4	18.1	0	19.5
		12	13	23.7	23.7	23.7	1.6	23.7	18.5	18.3	18.1	0	19.5
		25	0	23.7	23.7	23.7	1.6	23.7	18.5	18.3	18.1	0	19.5
	64QAM	1	0	23.7	23.7	23.7	1.6	23.7	18.8	18.4	18.3	0	19.5
		1	12	23.7	23.7	23.7	1.6	23.7	18.9	18.5	18.4	0	19.5
		1	24	23.7	23.7	23.7	1.6	23.7	18.8	18.4	18.3	0	19.5
		12	0	22.7	22.7	22.7	2.6	22.7	18.5	18.2	18.1	0	19.5
		12	7	22.7	22.7	22.7	2.6	22.7	18.5	18.3	18.1	0	19.5
		12	13	22.7	22.7	22.7	2.6	22.7	18.5	18.3	18.1	0	19.5
		25	0	22.7	22.7	22.7	2.6	22.7	18.5	18.3	18.1	0	19.5
	256QAM	1	0	20.7	20.7	20.7	4.6	20.7	18.5	18.3	18.2	0	19.5
		1	12	20.7	20.7	20.7	4.6	20.7	18.7	18.4	18.2	0	19.5
		1	24	20.7	20.7	20.7	4.6	20.7	18.6	18.4	18.1	0	19.5
		12	0	20.7	20.7	20.7	4.6	20.7	18.5	18.2	18.1	0	19.5
		12	7	20.7	20.7	20.7	4.6	20.7	18.5	18.3	18.1	0	19.5
		12	13	20.7	20.7	20.7	4.6	20.7	18.5	18.3	18.1	0	19.5
		25	0	20.7	20.7	20.7	4.6	20.7	18.5	18.3	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)				
				131987	132322	132657	MPR	Maximum Output Power	131987	132322	132657	MPR	Maximum Output Power
				1711.5 MHz	1745 MHz	1778.5 MHz			1711.5 MHz	1745 MHz	1778.5 MHz		
3	QPSK	1	0	24.7	25.3	25.1	0	25.3	18.3	18.2	18.0	0	19.5
		1	8	24.7	24.7	25.2	0	25.3	18.4	18.2	18.0	0	19.5
		1	14	24.7	25.3	25.1	0	25.3	18.3	18.2	17.9	0	19.5
		8	0	24.7	24.7	24.6	0.6	24.7	18.4	18.3	18.1	0	19.5
		8	4	24.7	24.7	24.7	0.6	24.7	18.5	18.3	18.1	0	19.5
		8	7	24.7	24.7	24.6	0.6	24.7	18.5	18.3	18.1	0	19.5
		15	0	24.7	24.7	24.6	0.6	24.7	18.4	18.3	18.0	0	19.5
	16QAM	1	0	24.7	24.7	24.7	0.6	24.7	18.7	18.5	18.3	0	19.5
		1	8	24.7	24.7	24.7	0.6	24.7	18.7	18.6	18.4	0	19.5
		1	14	24.7	24.7	24.7	0.6	24.7	18.7	18.5	18.3	0	19.5
		8	0	23.7	23.7	23.7	1.6	23.7	18.5	18.3	18.1	0	19.5
		8	4	23.7	23.7	23.7	1.6	23.7	18.5	18.3	18.1	0	19.5
		8	7	23.7	23.7	23.7	1.6	23.7	18.5	18.3	18.1	0	19.5
		15	0	23.7	23.7	23.6	1.6	23.7	18.5	18.3	18.1	0	19.5
	64QAM	1	0	23.7	23.7	23.7	1.6	23.7	18.7	18.4	18.2	0	19.5
		1	8	23.7	23.7	23.7	1.6	23.7	18.8	18.5	18.3	0	19.5
		1	14	23.7	23.7	23.7	1.6	23.7	18.7	18.3	18.1	0	19.5
		8	0	22.7	22.7	22.7	2.6	22.7	18.4	18.3	18.1	0	19.5
		8	4	22.7	22.7	22.7	2.6	22.7	18.5	18.3	18.1	0	19.5
		8	7	22.7	22.7	22.7	2.6	22.7	18.5	18.4	18.1	0	19.5
		15	0	22.7	22.7	22.7	2.6	22.7	18.5	18.3	18.1	0	19.5
	256QAM	1	0	20.7	20.7	20.7	4.6	20.7	18.5	18.4	18.1	0	19.5
		1	8	20.7	20.7	20.7	4.6	20.7	18.7	18.5	18.3	0	19.5
		1	14	20.7	20.7	20.7	4.6	20.7	18.6	18.3	18.2	0	19.5
		8	0	20.7	20.7	20.7	4.6	20.7	18.5	18.3	18.1	0	19.5
		8	4	20.7	20.7	20.7	4.6	20.7	18.5	18.3	18.2	0	19.5
		8	7	20.7	20.7	20.7	4.6	20.7	18.5	18.3	18.1	0	19.5
		15	0	20.7	20.7	20.7	4.6	20.7	18.5	18.3	18.1	0	19.5

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)					Power Mode B (dBm)				
				131979	132322	132665	MPR	Maximum Output Power	131979	132322	132665	MPR	Maximum Output Power
				1710.7 MHz	1745 MHz	1779.3 MHz			1710.7 MHz	1745 MHz	1779.3 MHz		
1.4	QPSK	1	0	24.7	24.7	25.1	0	25.3	18.4	18.2	18.0	0	19.5
		1	3	24.7	24.7	25.2	0	25.3	18.4	18.2	18.0	0	19.5
		1	5	24.7	25.3	25.1	0	25.3	18.4	18.2	18.0	0	19.5
		3	0	24.7	24.7	25.2	0	25.3	18.4	18.3	18.0	0	19.5
		3	1	24.7	24.7	25.2	0	25.3	18.4	18.3	18.0	0	19.5
		3	3	24.7	24.7	25.2	0	25.3	18.4	18.3	18.0	0	19.5
		6	0	24.7	24.7	24.6	0.6	24.7	18.4	18.2	18.0	0	19.5
	16QAM	1	0	24.7	24.7	24.7	0.6	24.7	18.7	18.5	18.4	0	19.5
		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	18.3	0	19.5
		3	0	24.7	24.7	24.7	0.6	24.7	18.5	18.4	18.2	0	19.5
		3	1	24.7	24.7	24.7	0.6	24.7	18.5	18.4	18.2	0	19.5
		3	3	24.7	24.7	24.7	0.6	24.7	18.5	18.4	18.2	0	19.5
		6	0	23.7	23.7	23.7	1.6	23.7	18.5	18.3	18.1	0	19.5
	64QAM	1	0	23.7	23.7	23.7	1.6	23.7	18.7	18.5	18.0	0	19.5
		1	3	23.7	23.7	23.7	1.6	23.7	18.2	18.4	18.3	0	19.5
		1	5	23.7	23.7	23.7	1.6	23.7	18.3	18.4	18.1	0	19.5
		3	0	23.7	23.7	23.5	1.6	23.7	18.6	18.3	18.1	0	19.5
		3	1	23.7	23.7	23.6	1.6	23.7	18.6	18.3	18.1	0	19.5
		3	3	23.7	23.7	23.6	1.6	23.7	18.6	18.3	18.1	0	19.5
		6	0	22.7	22.7	22.6	2.6	22.7	18.5	18.3	18.1	0	19.5
	256QAM	1	0	20.7	20.7	20.7	4.6	20.7	18.6	18.4	18.2	0	19.5
		1	3	20.7	20.7	20.7	4.6	20.7	18.6	18.5	18.3	0	19.5
		1	5	20.7	20.7	20.7	4.6	20.7	18.6	18.5	18.2	0	19.5
		3	0	20.7	20.7	20.7	4.6	20.7	18.4	18.3	18.1	0	19.5
		3	1	20.7	20.7	20.7	4.6	20.7	18.5	18.3	18.1	0	19.5
		3	3	20.7	20.7	20.7	4.6	20.7	18.5	18.3	18.1	0	19.5
		6	0	20.7	20.7	20.6	4.6	20.7	18.5	18.1	18.1	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	Maximum Output Power	132072	132322	132572	MPR	Maximum Output Power
				1720 MHz	1745 MHz	1770 MHz			1720 MHz	1745 MHz	1770 MHz		
20	QPSK	1	0	19.2	19.0	19.0	0	19.6	18.1	18.0	18.0	0	19.3
		1	49	19.2	19.0	19.0	0	19.6	18.8	18.8	18.7	0	19.3
		1	99	19.2	19.0	19.0	0	19.6	18.0	18.0	17.8	0	19.3
		50	0	19.2	19.1	19.0	0	19.6	18.2	18.0	18.0	0	19.3
		50	24	19.2	19.1	19.0	0	19.6	18.9	18.9	18.7	0	19.3
		50	50	19.2	19.1	19.0	0	19.6	18.1	18.0	18.0	0	19.3
		100	0	19.1	19.1	19.0	0	19.6	18.9	18.8	18.7	0	19.3
	16QAM	1	0	19.6	19.4	19.3	0	19.6	18.3	18.4	18.2	0	19.3
		1	49	19.6	19.3	19.5	0	19.6	18.3	18.3	18.4	0	19.3
		1	99	19.5	19.3	19.4	0	19.6	18.3	18.3	18.2	0	19.3
		50	0	19.4	19.2	19.2	0	19.6	18.2	18.0	18.0	0	19.3
		50	24	19.4	19.2	19.2	0	19.6	18.2	18.1	18.1	0	19.3
		50	50	19.3	19.1	19.2	0	19.6	18.1	18.1	18.0	0	19.3
		100	0	19.3	19.1	19.1	0	19.6	18.2	18.1	18.1	0	19.3
	64QAM	1	0	19.2	19.0	19.0	0	19.6	18.8	18.7	18.5	0	19.3
		1	49	19.1	19.0	19.1	0	19.6	18.7	18.6	18.6	0	19.3
		1	99	19.1	19.1	19.0	0	19.6	18.7	18.7	18.5	0	19.3
		50	0	19.1	18.9	18.9	0	19.6	18.7	18.5	18.5	0	19.3
		50	24	19.1	18.9	18.9	0	19.6	18.7	18.5	18.5	0	19.3
		50	50	19.0	18.9	19.0	0	19.6	18.6	18.5	18.6	0	19.3
		100	0	19.1	18.9	18.9	0	19.6	18.7	18.5	18.5	0	19.3
	256QAM	1	0	19.1	19.0	18.9	0.1	19.5	18.8	18.5	18.5	0	19.3
		1	49	19.0	18.9	19.0	0.1	19.5	18.7	18.5	18.5	0	19.3
		1	99	18.9	19.0	19.0	0.1	19.5	18.7	18.6	18.5	0	19.3
		50	0	19.1	18.9	18.9	0.1	19.5	18.7	18.5	18.5	0	19.3
		50	24	19.1	18.9	19.0	0.1	19.5	18.7	18.5	18.5	0	19.3
		50	50	19.0	18.9	19.0	0.1	19.5	18.6	18.5	18.6	0	19.3
		100	0	19.1	18.9	18.9	0.1	19.5	18.7	18.5	18.5	0	19.3

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)					Power Mode B (dBm)				
				132047	132322	132597	MPR	Maximum Output Power	132047	132322	132597	MPR	Maximum Output Power
				1717.5 MHz	1745 MHz	1772.5 MHz			1717.5 MHz	1745 MHz	1772.5 MHz		
15	QPSK	1	0	19.3	19.0	19.1	0	19.6	18.0	17.9	17.9	0	19.3
		1	37	19.3	19.0	19.2	0	19.6	18.0	17.9	18.0	0	19.3
		1	74	19.2	19.0	19.1	0	19.6	18.0	17.9	17.9	0	19.3
		36	0	19.4	19.1	19.1	0	19.6	18.2	17.9	18.0	0	19.3
		36	20	19.3	19.1	19.2	0	19.6	18.1	18.0	17.9	0	19.3
		36	39	19.2	19.1	19.2	0	19.6	18.1	18.0	18.0	0	19.3
		75	0	19.3	19.1	19.1	0	19.6	18.1	18.0	17.9	0	19.3
	16QAM	1	0	19.5	19.4	19.3	0	19.6	18.4	18.2	18.2	0	19.3
		1	37	19.6	19.4	19.4	0	19.6	18.5	18.3	18.2	0	19.3
		1	74	19.5	19.3	19.3	0	19.6	18.4	18.3	18.1	0	19.3
		36	0	19.4	19.1	19.2	0	19.6	18.2	18.0	18.0	0	19.3
		36	20	19.3	19.1	19.3	0	19.6	18.1	18.0	18.0	0	19.3
		36	39	19.3	19.1	19.2	0	19.6	18.1	18.0	18.0	0	19.3
		75	0	19.3	19.1	19.2	0	19.6	18.2	18.0	18.0	0	19.3
	64QAM	1	0	19.2	19.0	19.1	0	19.6	18.7	18.5	18.5	0	19.3
		1	37	19.2	18.9	19.1	0	19.6	18.7	18.5	18.6	0	19.3
		1	74	19.0	18.9	19.0	0	19.6	18.7	18.5	18.5	0	19.3
		36	0	19.1	18.9	18.9	0	19.6	18.7	18.4	18.5	0	19.3
		36	20	19.0	18.9	19.0	0	19.6	18.6	18.4	18.5	0	19.3
		36	39	19.0	18.8	19.0	0	19.6	18.6	18.4	18.5	0	19.3
		75	0	19.0	18.9	18.9	0	19.6	18.6	18.4	18.5	0	19.3
	256QAM	1	0	19.1	18.9	18.8	0.1	19.5	18.6	18.5	18.5	0	19.3
		1	37	19.0	18.9	18.9	0.1	19.5	18.6	18.4	18.6	0	19.3
		1	74	19.0	18.9	18.9	0.1	19.5	18.5	18.5	18.6	0	19.3
		36	0	19.1	18.9	18.9	0.1	19.5	18.7	18.5	18.5	0	19.3
		36	20	19.0	18.9	19.0	0.1	19.5	18.6	18.4	18.6	0	19.3
		36	39	19.0	18.9	19.0	0.1	19.5	18.6	18.4	18.6	0	19.3
		75	0	19.0	18.9	18.9	0.1	19.5	18.6	18.5	18.5	0	19.3

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	Maximum Output Power	132022	132322	132622	MPR	Maximum Output Power
				1715 MHz	1745 MHz	1775 MHz			1715 MHz	1745 MHz	1775 MHz		
10	QPSK	1	0	19.5	19.2	19.3	0	19.6	18.3	18.1	18.1	0	19.3
		1	25	19.5	19.2	19.4	0	19.6	18.3	18.1	18.2	0	19.3
		1	49	19.4	19.1	19.3	0	19.6	18.2	18.1	18.1	0	19.3
		25	0	19.5	19.3	19.3	0	19.6	18.3	18.2	18.1	0	19.3
		25	12	19.5	19.3	19.3	0	19.6	18.3	18.2	18.1	0	19.3
		25	25	19.5	19.3	19.4	0	19.6	18.3	18.2	18.2	0	19.3
		50	0	19.4	19.3	19.3	0	19.6	18.3	18.2	18.1	0	19.3
	16QAM	1	0	19.6	19.5	19.6	0	19.6	18.5	18.5	18.5	0	19.3
		1	25	19.6	19.6	19.6	0	19.6	18.5	18.5	18.5	0	19.3
		1	49	19.6	19.5	19.6	0	19.6	18.4	18.4	18.5	0	19.3
		25	0	19.6	19.3	19.4	0	19.6	18.4	18.2	18.1	0	19.3
		25	12	19.5	19.3	19.4	0	19.6	18.4	18.3	18.1	0	19.3
		25	25	19.5	19.3	19.4	0	19.6	18.3	18.2	18.2	0	19.3
		50	0	19.5	19.3	19.3	0	19.6	18.3	18.2	18.1	0	19.3
	64QAM	1	0	19.4	19.1	19.3	0	19.6	19.0	18.7	18.7	0	19.3
		1	25	19.4	19.2	19.3	0	19.6	19.0	18.8	18.8	0	19.3
		1	49	19.3	19.1	19.3	0	19.6	19.0	18.7	18.7	0	19.3
		25	0	19.3	19.0	19.1	0	19.6	18.8	18.6	18.6	0	19.3
		25	12	19.2	19.0	19.1	0	19.6	18.8	18.7	18.7	0	19.3
		25	25	19.2	19.0	19.1	0	19.6	18.8	18.6	18.7	0	19.3
		50	0	19.1	19.0	19.1	0	19.6	18.7	18.6	18.6	0	19.3
	256QAM	1	0	19.4	19.1	19.1	0.1	19.5	18.9	18.6	18.7	0	19.3
		1	25	19.4	19.1	19.3	0.1	19.5	19.0	18.7	18.8	0	19.3
		1	49	19.2	19.1	19.2	0.1	19.5	18.8	18.7	18.8	0	19.3
		25	0	19.2	19.0	19.1	0.1	19.5	18.9	18.6	18.6	0	19.3
		25	12	19.2	19.0	19.1	0.1	19.5	18.8	18.6	18.6	0	19.3
		25	25	19.2	19.0	19.2	0.1	19.5	18.7	18.5	18.7	0	19.3
		50	0	19.2	19.0	19.0	0.1	19.5	18.8	18.6	18.6	0	19.3

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)					Power Mode B (dBm)				
				131997	132322	132647	MPR	Maximum Output Power	131997	132322	132647	MPR	Maximum Output Power
				1712.5 MHz	1745 MHz	1777.5 MHz			1712.5 MHz	1745 MHz	1777.5 MHz		
5	QPSK	1	0	19.4	19.2	19.3	0	19.6	18.2	18.1	18.1	0	19.3
		1	12	19.5	19.2	19.4	0	19.6	18.3	18.2	18.2	0	19.3
		1	24	19.4	19.2	19.3	0	19.6	18.2	18.1	18.1	0	19.3
		12	0	19.5	19.2	19.3	0	19.6	18.3	18.1	18.2	0	19.3
		12	7	19.5	19.3	19.4	0	19.6	18.3	18.2	18.2	0	19.3
		12	13	19.5	19.3	19.4	0	19.6	18.3	18.2	18.2	0	19.3
		25	0	19.5	19.2	19.4	0	19.6	18.3	18.2	18.2	0	19.3
	16QAM	1	0	19.6	19.5	19.6	0	19.6	18.6	18.4	18.5	0	19.3
		1	12	19.6	19.6	19.6	0	19.6	18.7	18.5	18.6	0	19.3
		1	24	19.6	19.5	19.6	0	19.6	18.6	18.4	18.6	0	19.3
		12	0	19.6	19.4	19.5	0	19.6	18.3	18.3	18.3	0	19.3
		12	7	19.6	19.4	19.5	0	19.6	18.4	18.4	18.3	0	19.3
		12	13	19.6	19.4	19.5	0	19.6	18.4	18.3	18.3	0	19.3
		25	0	19.6	19.2	19.4	0	19.6	18.3	18.2	18.2	0	19.3
	64QAM	1	0	19.3	19.0	19.1	0	19.6	19.0	18.7	18.8	0	19.3
		1	12	19.3	19.1	19.2	0	19.6	19.0	18.7	18.8	0	19.3
		1	24	19.3	19.0	19.2	0	19.6	19.0	18.6	18.8	0	19.3
		12	0	19.3	19.0	19.1	0	19.6	18.9	18.6	18.7	0	19.3
		12	7	19.3	19.0	19.1	0	19.6	18.9	18.6	18.7	0	19.3
		12	13	19.3	19.0	19.1	0	19.6	18.9	18.6	18.7	0	19.3
		25	0	19.2	19.0	19.1	0	19.6	18.9	18.6	18.7	0	19.3
	256QAM	1	0	19.4	19.2	19.2	0.1	19.5	18.9	18.6	18.8	0	19.3
		1	12	19.5	19.2	19.3	0.1	19.5	19.0	18.6	18.9	0	19.3
		1	24	19.5	19.1	19.3	0.1	19.5	18.9	18.6	18.8	0	19.3
		12	0	19.3	19.0	19.1	0.1	19.5	18.9	18.6	18.7	0	19.3
		12	7	19.3	19.0	19.1	0.1	19.5	18.9	18.6	18.7	0	19.3
		12	13	19.3	19.0	19.1	0.1	19.5	18.9	18.6	18.7	0	19.3
		25	0	19.2	19.0	19.1	0.1	19.5	18.9	18.6	18.7	0	19.3

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	Maximum Output Power	131987	132322	132657	MPR	Maximum Output Power
				1711.5 MHz	1745 MHz	1778.5 MHz			1711.5 MHz	1745 MHz	1778.5 MHz		
3	QPSK	1	0	19.5	19.1	19.3	0	19.6	18.2	18.1	18.0	0	19.3
		1	8	19.5	19.2	19.3	0	19.6	18.3	18.2	18.1	0	19.3
		1	14	19.4	19.1	19.3	0	19.6	18.2	18.1	18.0	0	19.3
		8	0	19.5	19.2	19.3	0	19.6	18.3	18.1	18.1	0	19.3
		8	4	19.4	19.2	19.4	0	19.6	18.3	18.1	18.2	0	19.3
		8	7	19.4	19.2	19.4	0	19.6	18.3	18.2	18.2	0	19.3
		15	0	19.4	19.2	19.4	0	19.6	18.2	18.1	18.2	0	19.3
	16QAM	1	0	19.6	19.5	19.6	0	19.6	18.6	18.3	18.4	0	19.3
		1	8	19.6	19.6	19.6	0	19.6	18.6	18.5	18.6	0	19.3
		1	14	19.6	19.5	19.6	0	19.6	18.5	18.3	18.5	0	19.3
		8	0	19.6	19.3	19.4	0	19.6	18.3	18.2	18.2	0	19.3
		8	4	19.5	19.3	19.5	0	19.6	18.3	18.2	18.3	0	19.3
		8	7	19.5	19.3	19.5	0	19.6	18.3	18.3	18.2	0	19.3
		15	0	19.5	19.3	19.4	0	19.6	18.3	18.2	18.2	0	19.3
	64QAM	1	0	19.1	19.0	19.2	0	19.6	19.0	18.6	18.9	0	19.3
		1	8	19.3	19.2	19.3	0	19.6	19.2	18.7	18.9	0	19.3
		1	14	19.1	19.0	19.3	0	19.6	19.2	18.6	18.6	0	19.3
		8	0	19.3	18.9	19.0	0	19.6	18.8	18.5	18.7	0	19.3
		8	4	19.2	19.0	19.0	0	19.6	18.8	18.5	18.7	0	19.3
		8	7	19.2	19.0	19.0	0	19.6	18.8	18.5	18.7	0	19.3
		15	0	19.1	19.0	19.1	0	19.6	18.8	18.5	18.6	0	19.3
	256QAM	1	0	19.3	19.0	19.2	0.1	19.5	18.9	18.5	18.8	0	19.3
		1	8	19.4	19.2	19.3	0.1	19.5	19.0	18.7	18.8	0	19.3
		1	14	19.3	19.0	19.2	0.1	19.5	18.9	18.5	18.7	0	19.3
		8	0	19.2	19.0	19.1	0.1	19.5	18.9	18.5	18.7	0	19.3
		8	4	19.2	19.0	19.1	0.1	19.5	18.8	18.6	18.7	0	19.3
		8	7	19.2	18.9	19.1	0.1	19.5	18.8	18.6	18.7	0	19.3
		15	0	19.2	19.0	19.1	0.1	19.5	18.8	18.5	18.6	0	19.3

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)					Power Mode B (dBm)				
				131979	132322	132665	MPR	Maximum Output Power	131979	132322	132665	MPR	Maximum Output Power
				1710.7 MHz	1745 MHz	1779.3 MHz			1710.7 MHz	1745 MHz	1779.3 MHz		
1.4	QPSK	1	0	19.4	19.1	19.2	0	19.6	18.2	18.1	18.0	0	19.3
		1	3	19.5	19.2	19.3	0	19.6	18.2	18.1	18.1	0	19.3
		1	5	19.5	19.2	19.3	0	19.6	18.2	18.1	18.1	0	19.3
		3	0	19.5	19.2	19.3	0	19.6	18.2	18.1	18.1	0	19.3
		3	1	19.5	19.2	19.3	0	19.6	18.2	18.1	18.1	0	19.3
		3	3	19.5	19.2	19.3	0	19.6	18.2	18.1	18.1	0	19.3
		6	0	19.4	19.2	19.3	0	19.6	18.2	18.1	18.1	0	19.3
	16QAM	1	0	19.6	19.4	19.6	0	19.6	18.5	18.3	18.4	0	19.3
		1	3	19.6	19.4	19.6	0	19.6	18.5	18.3	18.5	0	19.3
		1	5	19.6	19.3	19.6	0	19.6	18.5	18.3	18.4	0	19.3
		3	0	19.6	19.3	19.5	0	19.6	18.4	18.2	18.2	0	19.3
		3	1	19.6	19.3	19.4	0	19.6	18.4	18.2	18.3	0	19.3
		3	3	19.6	19.3	19.5	0	19.6	18.4	18.2	18.2	0	19.3
		6	0	19.6	19.3	19.3	0	19.6	18.3	18.2	18.2	0	19.3
	64QAM	1	0	19.5	19.3	19.1	0	19.6	19.1	18.8	18.7	0	19.3
		1	3	19.4	19.0	19.1	0	19.6	19.0	18.6	18.7	0	19.3
		1	5	19.5	19.0	19.1	0	19.6	19.2	18.6	18.6	0	19.3
		3	0	19.3	18.8	19.3	0	19.6	19.1	18.5	18.9	0	19.3
		3	1	19.3	18.8	19.3	0	19.6	19.1	18.6	18.9	0	19.3
		3	3	19.3	18.8	19.2	0	19.6	19.1	18.6	18.9	0	19.3
		6	0	19.3	18.9	19.1	0	19.6	18.8	18.5	18.6	0	19.3
	256QAM	1	0	19.3	19.0	19.1	0.1	19.5	18.9	18.6	18.7	0	19.3
		1	3	19.3	19.0	19.1	0.1	19.5	19.0	18.8	18.7	0	19.3
		1	5	19.3	19.0	19.2	0.1	19.5	18.9	18.6	18.7	0	19.3
		3	0	19.2	19.1	19.1	0.1	19.5	18.8	18.5	18.7	0	19.3
		3	1	19.2	19.1	19.1	0.1	19.5	18.8	18.5	18.7	0	19.3
		3	3	19.3	19.1	19.1	0.1	19.5	18.9	18.5	18.7	0	19.3
		6	0	19.1	19.0	19.1	0.1	19.5	19.0	18.3	18.5	0	19.3

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	Maximum Output Power	132072	132322	132572	MPR	Maximum Output Power
				1720 MHz	1745 MHz	1770 MHz			1720 MHz	1745 MHz	1770 MHz		
20	QPSK	1	0	22.7	22.7	22.6	0	22.8	21.8	21.7	21.7	0	22.1
		1	49	22.8	22.8	22.6	0	22.8	21.8	21.7	21.7	0	22.1
		1	99	22.8	22.8	22.6	0	22.8	21.7	21.7	21.7	0	22.1
		50	0	22.7	22.7	22.7	0	22.8	21.7	21.8	21.7	0	22.1
		50	24	22.8	22.8	22.8	0	22.8	21.9	21.8	21.8	0	22.1
		50	50	22.8	22.7	22.8	0	22.8	21.8	21.8	21.7	0	22.1
		100	0	22.8	22.8	22.8	0	22.8	21.9	21.8	21.8	0	22.1
	16QAM	1	0	22.8	22.8	22.7	0	22.8	21.7	21.8	21.7	0	22.1
		1	49	22.7	22.7	22.8	0	22.8	21.7	21.8	21.7	0	22.1
		1	99	22.7	22.8	22.7	0	22.8	21.7	21.8	21.7	0	22.1
		50	0	22.7	22.8	22.8	0	22.8	21.8	21.7	21.7	0	22.1
		50	24	22.7	22.7	22.7	0	22.8	21.7	21.7	21.8	0	22.1
		50	50	22.7	22.7	22.8	0	22.8	21.8	21.7	21.7	0	22.1
		100	0	22.7	22.7	22.7	0	22.8	21.7	21.7	21.8	0	22.1
	64QAM	1	0	22.7	22.7	22.7	0	22.8	21.7	21.7	21.7	0	22.1
		1	49	22.7	22.7	22.7	0	22.8	21.7	21.8	21.7	0	22.1
		1	99	22.7	22.8	22.7	0	22.8	21.8	21.8	21.8	0	22.1
		50	0	22.4	22.4	22.4	0.3	22.5	21.7	21.8	21.7	0	22.1
		50	24	22.5	22.5	22.4	0.3	22.5	21.7	21.8	21.7	0	22.1
		50	50	22.4	22.4	22.5	0.3	22.5	21.7	21.7	21.8	0	22.1
		100	0	22.5	22.5	22.5	0.3	22.5	21.7	21.7	21.7	0	22.1
	256QAM	1	0	20.4	20.5	20.5	2.3	20.5	20.2	20.2	20.1	1.6	20.5
		1	49	20.5	20.4	20.5	2.3	20.5	20.1	20.1	20.1	1.6	20.5
		1	99	20.4	20.4	20.4	2.3	20.5	20.1	20.2	20.2	1.6	20.5
		50	0	20.4	20.4	20.5	2.3	20.5	20.1	20.1	20.2	1.6	20.5
		50	24	20.4	20.4	20.4	2.3	20.5	20.1	20.2	20.2	1.6	20.5
		50	50	20.4	20.4	20.4	2.3	20.5	20.1	20.2	20.1	1.6	20.5
		100	0	20.4	20.4	20.5	2.3	20.5	20.1	20.1	20.1	1.6	20.5

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)					Power Mode B (dBm)				
				132047	132322	132597	MPR	Maximum Output Power	132047	132322	132597	MPR	Maximum Output Power
				1717.5 MHz	1745 MHz	1772.5 MHz			1717.5 MHz	1745 MHz	1772.5 MHz		
15	QPSK	1	0	22.7	22.7	22.7	0	22.8	21.8	21.8	21.7	0	22.1
		1	37	22.7	22.7	22.8	0	22.8	21.8	21.7	21.7	0	22.1
		1	74	22.7	22.7	22.7	0	22.8	21.7	21.8	21.8	0	22.1
		36	0	22.7	22.8	22.7	0	22.8	21.7	21.8	21.7	0	22.1
		36	20	22.8	22.7	22.7	0	22.8	21.8	21.8	21.8	0	22.1
		36	39	22.7	22.7	22.7	0	22.8	21.7	21.7	21.7	0	22.1
		75	0	22.8	22.7	22.7	0	22.8	21.7	21.7	21.7	0	22.1
	16QAM	1	0	22.7	22.8	22.8	0	22.8	21.7	21.7	21.8	0	22.1
		1	37	22.8	22.7	22.7	0	22.8	21.7	21.7	21.7	0	22.1
		1	74	22.8	22.7	22.7	0	22.8	21.7	21.8	21.8	0	22.1
		36	0	22.7	22.7	22.7	0	22.8	21.7	21.7	21.7	0	22.1
		36	20	22.8	22.8	22.7	0	22.8	21.7	21.8	21.8	0	22.1
		36	39	22.7	22.7	22.8	0	22.8	21.8	21.8	21.7	0	22.1
		75	0	22.7	22.7	22.7	0	22.8	21.8	21.7	21.7	0	22.1
	64QAM	1	0	22.8	22.7	22.8	0	22.8	21.7	21.7	21.7	0	22.1
		1	37	22.8	22.7	22.7	0	22.8	21.8	21.8	21.7	0	22.1
		1	74	22.8	22.7	22.7	0	22.8	21.8	21.7	21.8	0	22.1
		36	0	22.4	22.4	22.4	0.3	22.5	21.7	21.8	21.7	0	22.1
		36	20	22.4	22.4	22.4	0.3	22.5	21.7	21.7	21.7	0	22.1
		36	39	22.4	22.4	22.5	0.3	22.5	21.7	21.7	21.7	0	22.1
		75	0	22.5	22.5	22.5	0.3	22.5	21.8	21.7	21.8	0	22.1
	256QAM	1	0	20.4	20.4	20.4	2.3	20.5	20.1	20.2	20.2	1.6	20.5
		1	37	20.4	20.5	20.4	2.3	20.5	20.1	20.1	20.1	1.6	20.5
		1	74	20.4	20.5	20.4	2.3	20.5	20.1	20.1	20.1	1.6	20.5
		36	0	20.4	20.4	20.4	2.3	20.5	20.1	20.2	20.2	1.6	20.5
		36	20	20.4	20.4	20.5	2.3	20.5	20.2	20.1	20.1	1.6	20.5
		36	39	20.4	20.5	20.4	2.3	20.5	20.2	20.2	20.1	1.6	20.5
		75	0	20.4	20.4	20.5	2.3	20.5	20.2	20.1	20.1	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	Maximum Output Power	132022	132322	132622	MPR	Maximum Output Power
				1715 MHz	1745 MHz	1775 MHz			1715 MHz	1745 MHz	1775 MHz		
10	QPSK	1	0	22.8	22.7	22.7	0	22.8	21.7	21.7	21.7	0	22.1
		1	25	22.8	22.8	22.7	0	22.8	21.7	21.8	21.7	0	22.1
		1	49	22.7	22.7	22.7	0	22.8	21.7	21.8	21.7	0	22.1
		25	0	22.7	22.7	22.7	0	22.8	21.8	21.8	21.8	0	22.1
		25	12	22.8	22.8	22.7	0	22.8	21.7	21.7	21.7	0	22.1
		25	25	22.7	22.8	22.7	0	22.8	21.8	21.7	21.7	0	22.1
		50	0	22.7	22.8	22.8	0	22.8	21.8	21.7	21.8	0	22.1
	16QAM	1	0	22.7	22.7	22.7	0	22.8	21.7	21.7	21.8	0	22.1
		1	25	22.7	22.7	22.8	0	22.8	21.7	21.7	21.8	0	22.1
		1	49	22.7	22.7	22.8	0	22.8	21.7	21.7	21.8	0	22.1
		25	0	22.7	22.7	22.8	0	22.8	21.8	21.7	21.7	0	22.1
		25	12	22.8	22.8	22.7	0	22.8	21.7	21.8	21.8	0	22.1
		25	25	22.7	22.7	22.8	0	22.8	21.7	21.8	21.7	0	22.1
		50	0	22.7	22.7	22.7	0	22.8	21.7	21.8	21.8	0	22.1
	64QAM	1	0	22.7	22.7	22.7	0	22.8	21.7	21.8	21.7	0	22.1
		1	25	22.7	22.8	22.7	0	22.8	21.8	21.7	21.7	0	22.1
		1	49	22.7	22.8	22.7	0	22.8	21.7	21.7	21.7	0	22.1
		25	0	22.4	22.4	22.5	0.3	22.5	21.7	21.7	21.7	0	22.1
		25	12	22.5	22.4	22.4	0.3	22.5	21.7	21.7	21.7	0	22.1
		25	25	22.4	22.4	22.4	0.3	22.5	21.7	21.7	21.8	0	22.1
		50	0	22.4	22.4	22.5	0.3	22.5	21.7	21.8	21.7	0	22.1
	256QAM	1	0	20.4	20.5	20.4	2.3	20.5	20.2	20.1	20.1	1.6	20.5
		1	25	20.4	20.5	20.4	2.3	20.5	20.2	20.1	20.1	1.6	20.5
		1	49	20.4	20.4	20.4	2.3	20.5	20.1	20.1	20.2	1.6	20.5
		25	0	20.4	20.4	20.5	2.3	20.5	20.1	20.2	20.1	1.6	20.5
		25	12	20.4	20.4	20.4	2.3	20.5	20.1	20.1	20.1	1.6	20.5
		25	25	20.4	20.5	20.4	2.3	20.5	20.1	20.1	20.1	1.6	20.5
		50	0	20.5	20.5	20.4	2.3	20.5	20.1	20.1	20.2	1.6	20.5

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)					Power Mode B (dBm)				
				131997	132322	132647	MPR	Maximum Output Power	131997	132322	132647	MPR	Maximum Output Power
				1712.5 MHz	1745 MHz	1777.5 MHz			1712.5 MHz	1745 MHz	1777.5 MHz		
5	QPSK	1	0	22.8	22.7	22.7	0	22.8	21.8	21.8	21.8	0	22.1
		1	12	22.7	22.7	22.7	0	22.8	21.8	21.8	21.8	0	22.1
		1	24	22.8	22.8	22.7	0	22.8	21.7	21.7	21.7	0	22.1
		12	0	22.8	22.8	22.7	0	22.8	21.7	21.7	21.7	0	22.1
		12	7	22.7	22.7	22.7	0	22.8	21.7	21.7	21.7	0	22.1
		12	13	22.7	22.7	22.7	0	22.8	21.8	21.7	21.7	0	22.1
		25	0	22.7	22.7	22.7	0	22.8	21.8	21.7	21.8	0	22.1
	16QAM	1	0	22.7	22.7	22.8	0	22.8	21.7	21.8	21.8	0	22.1
		1	12	22.8	22.7	22.7	0	22.8	21.7	21.8	21.7	0	22.1
		1	24	22.7	22.7	22.7	0	22.8	21.7	21.7	21.8	0	22.1
		12	0	22.7	22.7	22.7	0	22.8	21.7	21.7	21.7	0	22.1
		12	7	22.7	22.8	22.8	0	22.8	21.7	21.7	21.7	0	22.1
		12	13	22.7	22.7	22.8	0	22.8	21.8	21.8	21.7	0	22.1
		25	0	22.8	22.7	22.7	0	22.8	21.7	21.7	21.7	0	22.1
	64QAM	1	0	22.7	22.8	22.7	0	22.8	21.7	21.7	21.7	0	22.1
		1	12	22.7	22.8	22.7	0	22.8	21.8	21.7	21.7	0	22.1
		1	24	22.8	22.7	22.7	0	22.8	21.7	21.7	21.7	0	22.1
		12	0	22.4	22.4	22.4	0.3	22.5	21.7	21.8	21.7	0	22.1
		12	7	22.4	22.4	22.5	0.3	22.5	21.7	21.7	21.7	0	22.1
		12	13	22.4	22.4	22.4	0.3	22.5	21.8	21.7	21.8	0	22.1
		25	0	22.4	22.5	22.4	0.3	22.5	21.7	21.7	21.8	0	22.1
	256QAM	1	0	20.4	20.4	20.4	2.3	20.5	20.1	20.2	20.2	1.6	20.5
		1	12	20.4	20.5	20.5	2.3	20.5	20.1	20.1	20.2	1.6	20.5
		1	24	20.4	20.4	20.4	2.3	20.5	20.1	20.1	20.1	1.6	20.5
		12	0	20.4	20.4	20.4	2.3	20.5	20.2	20.1	20.1	1.6	20.5
		12	7	20.4	20.4	20.5	2.3	20.5	20.1	20.1	20.2	1.6	20.5
		12	13	20.5	20.5	20.5	2.3	20.5	20.1	20.1	20.2	1.6	20.5
		25	0	20.4	20.5	20.4	2.3	20.5	20.1	20.2	20.1	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	Maximum Output Power	131987	132322	132657	MPR	Maximum Output Power
				1711.5 MHz	1745 MHz	1778.5 MHz			1711.5 MHz	1745 MHz	1778.5 MHz		
3	QPSK	1	0	22.7	22.8	22.7	0	22.8	21.7	21.7	21.8	0	22.1
		1	8	22.7	22.8	22.7	0	22.8	21.7	21.8	21.7	0	22.1
		1	14	22.8	22.7	22.7	0	22.8	21.8	21.7	21.8	0	22.1
		8	0	22.7	22.7	22.8	0	22.8	21.7	21.7	21.7	0	22.1
		8	4	22.7	22.7	22.8	0	22.8	21.7	21.8	21.7	0	22.1
		8	7	22.7	22.7	22.8	0	22.8	21.7	21.7	21.7	0	22.1
		15	0	22.7	22.8	22.7	0	22.8	21.7	21.8	21.7	0	22.1
	16QAM	1	0	22.8	22.7	22.7	0	22.8	21.8	21.7	21.8	0	22.1
		1	8	22.7	22.7	22.8	0	22.8	21.8	21.7	21.7	0	22.1
		1	14	22.8	22.8	22.7	0	22.8	21.8	21.8	21.8	0	22.1
		8	0	22.7	22.7	22.7	0	22.8	21.7	21.8	21.7	0	22.1
		8	4	22.7	22.8	22.7	0	22.8	21.7	21.7	21.7	0	22.1
		8	7	22.7	22.8	22.7	0	22.8	21.7	21.8	21.7	0	22.1
		15	0	22.8	22.7	22.7	0	22.8	21.7	21.8	21.8	0	22.1
	64QAM	1	0	22.7	22.8	22.7	0	22.8	21.8	21.7	21.7	0	22.1
		1	8	22.7	22.8	22.7	0	22.8	21.7	21.7	21.7	0	22.1
		1	14	22.8	22.7	22.8	0	22.8	21.7	21.8	21.7	0	22.1
		8	0	22.5	22.5	22.4	0.3	22.5	21.7	21.7	21.7	0	22.1
		8	4	22.4	22.4	22.4	0.3	22.5	21.7	21.7	21.7	0	22.1
		8	7	22.4	22.4	22.4	0.3	22.5	21.8	21.8	21.7	0	22.1
		15	0	22.4	22.4	22.4	0.3	22.5	21.7	21.8	21.7	0	22.1
	256QAM	1	0	20.4	20.5	20.4	2.3	20.5	20.1	20.2	20.2	1.6	20.5
		1	8	20.4	20.4	20.5	2.3	20.5	20.1	20.2	20.1	1.6	20.5
		1	14	20.4	20.4	20.4	2.3	20.5	20.1	20.1	20.2	1.6	20.5
		8	0	20.4	20.4	20.4	2.3	20.5	20.1	20.1	20.1	1.6	20.5
		8	4	20.4	20.4	20.4	2.3	20.5	20.1	20.2	20.2	1.6	20.5
		8	7	20.4	20.4	20.4	2.3	20.5	20.1	20.1	20.1	1.6	20.5
		15	0	20.5	20.5	20.4	2.3	20.5	20.1	20.1	20.1	1.6	20.5

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)					Power Mode B (dBm)				
				131979	132322	132665	MPR	Maximum Output Power	131979	132322	132665	MPR	Maximum Output Power
				1710.7 MHz	1745 MHz	1779.3 MHz			1710.7 MHz	1745 MHz	1779.3 MHz		
1.4	QPSK	1	0	22.7	22.7	22.8	0	22.8	21.7	21.8	21.7	0	22.1
		1	3	22.8	22.7	22.7	0	22.8	21.7	21.8	21.8	0	22.1
		1	5	22.8	22.7	22.7	0	22.8	21.8	21.7	21.7	0	22.1
		3	0	22.7	22.7	22.8	0	22.8	21.7	21.8	21.7	0	22.1
		3	1	22.8	22.7	22.7	0	22.8	21.7	21.7	21.7	0	22.1
		3	3	22.7	22.7	22.7	0	22.8	21.7	21.8	21.8	0	22.1
		6	0	22.8	22.7	22.7	0	22.8	21.8	21.8	21.7	0	22.1
	16QAM	1	0	22.7	22.8	22.7	0	22.8	21.7	21.8	21.7	0	22.1
		1	3	22.7	22.7	22.8	0	22.8	21.7	21.7	21.7	0	22.1
		1	5	22.7	22.7	22.8	0	22.8	21.7	21.8	21.8	0	22.1
		3	0	22.8	22.7	22.8	0	22.8	21.7	21.7	21.7	0	22.1
		3	1	22.7	22.7	22.7	0	22.8	21.7	21.7	21.7	0	22.1
		3	3	22.8	22.7	22.8	0	22.8	21.7	21.7	21.7	0	22.1
		6	0	22.7	22.7	22.7	0	22.8	21.7	21.7	21.8	0	22.1
	64QAM	1	0	22.8	22.7	22.8	0	22.8	21.7	21.7	21.7	0	22.1
		1	3	22.7	22.7	22.7	0	22.8	21.7	21.7	21.7	0	22.1
		1	5	22.7	22.7	22.8	0	22.8	21.7	21.7	21.8	0	22.1
		3	0	22.4	22.4	22.5	0	22.8	21.8	21.7	21.7	0	22.1
		3	1	22.4	22.5	22.4	0	22.8	21.7	21.7	21.7	0	22.1
		3	3	22.4	22.4	22.5	0	22.8	21.8	21.7	21.8	0	22.1
		6	0	22.4	22.4	22.5	0.3	22.5	21.7	21.7	21.7	0	22.1
	256QAM	1	0	20.4	20.4	20.4	2.3	20.5	20.2	20.2	20.2	1.6	20.5
		1	3	20.4	20.4	20.4	2.3	20.5	20.2	20.2	20.1	1.6	20.5
		1	5	20.4	20.4	20.4	2.3	20.5	20.2	20.1	20.1	1.6	20.5
		3	0	20.5	20.4	20.4	2.3	20.5	20.2	20.2	20.2	1.6	20.5
		3	1	20.5	20.4	20.5	2.3	20.5	20.2	20.1	20.1	1.6	20.5
		3	3	20.4	20.5	20.4	2.3	20.5	20.1	20.1	20.2	1.6	20.5
		6	0	20.5	20.5	20.4	2.3	20.5	20.2	20.1	20.1	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	Maximum Output Power	132072	132322	132572	MPR	Maximum Output Power
				1720 MHz	1745 MHz	1770 MHz			1720 MHz	1745 MHz	1770 MHz		
20	QPSK	1	0	19.8	19.8	19.9	0	20.0	20.7	20.8	20.6	0	21.4
		1	49	20.0	20.0	20.0	0	20.0	20.7	20.8	20.7	0	21.4
		1	99	19.8	20.0	20.0	0	20.0	20.7	20.5	20.7	0	21.4
		50	0	19.8	20.0	20.0	0	20.0	20.7	20.5	20.7	0	21.4
		50	24	20.0	20.0	19.9	0	20.0	20.9	20.8	20.7	0	21.4
		50	50	20.0	19.8	19.9	0	20.0	20.6	20.7	20.7	0	21.4
		100	0	19.9	19.9	19.9	0	20.0	20.7	20.7	20.7	0	21.4
	16QAM	1	0	19.7	19.8	19.8	0	20.0	20.8	20.8	20.8	0	21.4
		1	49	19.9	19.8	19.9	0	20.0	21.0	21.0	20.9	0	21.4
		1	99	19.8	19.9	19.8	0	20.0	20.8	20.8	20.9	0	21.4
		50	0	19.8	19.9	19.9	0	20.0	20.5	20.4	20.4	0.5	20.9
		50	24	19.8	19.8	19.9	0	20.0	20.2	20.5	20.5	0.5	20.9
		50	50	20.0	20.0	20.0	0	20.0	20.4	20.3	20.3	0.5	20.9
		100	0	19.9	19.9	20.0	0	20.0	20.5	20.3	20.2	0.5	20.9
	64QAM	1	0	19.7	19.8	19.8	0	20.0	20.3	20.4	20.4	0.5	20.9
		1	49	19.8	20.0	19.9	0	20.0	20.3	20.3	20.3	0.5	20.9
		1	99	20.0	19.7	19.7	0	20.0	20.4	20.2	20.3	0.5	20.9
		50	0	19.8	19.7	19.9	0.1	19.9	19.5	19.3	19.5	1.5	19.9
		50	24	19.8	19.7	19.8	0.1	19.9	19.2	19.4	19.4	1.5	19.9
		50	50	19.6	19.8	19.9	0.1	19.9	19.3	19.5	19.4	1.5	19.9
		100	0	19.6	19.6	19.6	0.1	19.9	19.3	19.3	19.4	1.5	19.9
	256QAM	1	0	17.8	17.9	17.7	2.1	17.9	17.2	17.5	17.3	3.5	17.9
		1	49	17.6	17.6	17.8	2.1	17.9	17.4	17.5	17.4	3.5	17.9
		1	99	17.8	17.9	17.7	2.1	17.9	17.4	17.2	17.3	3.5	17.9
		50	0	17.9	17.8	17.9	2.1	17.9	17.4	17.5	17.3	3.5	17.9
		50	24	17.7	17.7	17.9	2.1	17.9	17.3	17.5	17.2	3.5	17.9
		50	50	17.8	17.8	17.9	2.1	17.9	17.5	17.3	17.5	3.5	17.9
		100	0	17.7	17.6	17.8	2.1	17.9	17.5	17.5	17.3	3.5	17.9
BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)					Power Mode B (dBm)				
				132047	132322	132597	MPR	Maximum Output Power	132047	132322	132597	MPR	Maximum Output Power
				1717.5 MHz	1745 MHz	1772.5 MHz			1717.5 MHz	1745 MHz	1772.5 MHz		
15	QPSK	1	0	19.9	19.8	20.0	0	20.0	20.9	20.9	20.8	0	21.4
		1	37	20.0	19.8	19.9	0	20.0	20.8	20.9	20.9	0	21.4
		1	74	19.7	19.8	19.9	0	20.0	21.0	20.8	20.8	0	21.4
		36	0	20.0	20.0	19.8	0	20.0	20.7	20.7	20.8	0	21.4
		36	20	19.9	19.9	19.7	0	20.0	21.0	20.8	20.7	0	21.4
		36	39	19.8	19.9	19.7	0	20.0	20.9	20.8	20.8	0	21.4
		75	0	19.8	19.9	19.9	0	20.0	20.8	20.9	20.8	0	21.4
	16QAM	1	0	19.7	19.8	19.8	0	20.0	20.8	20.7	20.8	0	21.4
		1	37	19.7	19.7	19.7	0	20.0	20.8	20.9	20.8	0	21.4
		1	74	19.8	20.0	19.8	0	20.0	20.8	20.8	20.9	0	21.4
		36	0	20.0	19.9	19.8	0	20.0	20.4	20.3	20.5	0.5	20.9
		36	20	19.8	19.8	19.8	0	20.0	20.3	20.5	20.4	0.5	20.9
		36	39	19.9	19.8	19.9	0	20.0	20.3	20.3	20.4	0.5	20.9
		75	0	19.9	19.8	20.0	0	20.0	20.4	20.2	20.3	0.5	20.9
	64QAM	1	0	19.9	19.8	20.0	0	20.0	20.5	20.4	20.4	0.5	20.9
		1	37	19.8	19.8	19.9	0	20.0	20.5	20.2	20.2	0.5	20.9
		1	74	19.7	19.7	19.8	0	20.0	20.4	20.3	20.3	0.5	20.9
		36	0	19.9	19.7	19.6	0.1	19.9	19.4	19.3	19.2	1.5	19.9
		36	20	19.7	19.6	19.7	0.1	19.9	19.5	19.3	19.4	1.5	19.9
		36	39	19.7	19.7	19.8	0.1	19.9	19.2	19.4	19.5	1.5	19.9
		75	0	19.7	19.9	19.7	0.1	19.9	19.2	19.3	19.4	1.5	19.9
	256QAM	1	0	17.6	17.8	17.8	2.1	17.9	17.5	17.3	17.4	3.5	17.9
		1	37	17.6	17.9	17.9	2.1	17.9	17.4	17.2	17.4	3.5	17.9
		1	74	17.8	17.8	17.9	2.1	17.9	17.3	17.3	17.4	3.5	17.9
		36	0	17.9	17.7	17.8	2.1	17.9	17.2	17.3	17.2	3.5	17.9
		36	20	17.6	17.7	17.7	2.1	17.9	17.5	17.3	17.2	3.5	17.9
		36	39	17.8	17.7	17.8	2.1	17.9	17.4	17.3	17.5	3.5	17.9
		75	0	17.8	17.8	17.7	2.1	17.9	17.4	17.3	17.2	3.5	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	Maximum Output Power	132022	132322	132622	MPR	Maximum Output Power
				1715 MHz	1745 MHz	1775 MHz			1715 MHz	1745 MHz	1775 MHz		
10	QPSK	1	0	19.7	19.8	19.8	0	20.0	20.8	20.9	20.7	0	21.4
		1	25	19.9	20.0	19.9	0	20.0	20.9	21.0	21.0	0	21.4
		1	49	19.7	19.9	19.8	0	20.0	20.9	20.9	20.9	0	21.4
		25	0	20.0	19.9	19.7	0	20.0	20.8	20.9	21.0	0	21.4
		25	12	19.8	19.7	19.8	0	20.0	21.0	20.7	20.9	0	21.4
		25	25	20.0	19.8	19.8	0	20.0	20.9	20.8	20.7	0	21.4
		50	0	19.7	19.8	19.9	0	20.0	20.7	20.7	20.8	0	21.4
	16QAM	1	0	20.0	19.9	19.7	0	20.0	20.7	20.9	21.0	0	21.4
		1	25	20.0	19.8	19.8	0	20.0	21.0	20.8	20.9	0	21.4
		1	49	20.0	19.8	20.0	0	20.0	20.7	20.9	21.0	0	21.4
		25	0	19.9	19.8	19.9	0	20.0	20.2	20.5	20.3	0.5	20.9
		25	12	19.8	19.7	20.0	0	20.0	20.2	20.4	20.4	0.5	20.9
		25	25	19.9	19.8	19.7	0	20.0	20.5	20.4	20.2	0.5	20.9
		50	0	19.8	19.7	19.9	0	20.0	20.3	20.3	20.5	0.5	20.9
	64QAM	1	0	19.9	19.9	19.8	0	20.0	20.3	20.5	20.5	0.5	20.9
		1	25	19.8	19.9	20.0	0	20.0	20.4	20.3	20.3	0.5	20.9
		1	49	19.9	19.9	19.7	0	20.0	20.4	20.4	20.2	0.5	20.9
		25	0	19.7	19.8	19.8	0.1	19.9	19.3	19.4	19.4	1.5	19.9
		25	12	19.7	19.9	19.9	0.1	19.9	19.4	19.5	19.4	1.5	19.9
		25	25	19.9	19.7	19.9	0.1	19.9	19.3	19.2	19.4	1.5	19.9
		50	0	19.8	19.8	19.9	0.1	19.9	19.5	19.2	19.5	1.5	19.9
	256QAM	1	0	17.7	17.7	17.8	2.1	17.9	17.4	17.4	17.4	3.5	17.9
		1	25	17.8	17.9	17.7	2.1	17.9	17.3	17.2	17.4	3.5	17.9
		1	49	17.8	17.8	17.6	2.1	17.9	17.3	17.4	17.4	3.5	17.9
		25	0	17.8	17.6	17.9	2.1	17.9	17.4	17.5	17.2	3.5	17.9
		25	12	17.8	17.8	17.9	2.1	17.9	17.5	17.2	17.2	3.5	17.9
		25	25	17.9	17.8	17.9	2.1	17.9	17.5	17.4	17.2	3.5	17.9
		50	0	17.8	17.7	17.8	2.1	17.9	17.4	17.3	17.3	3.5	17.9

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)					Power Mode B (dBm)				
				131997	132322	132647	MPR	Maximum Output Power	131997	132322	132647	MPR	Maximum Output Power
				1712.5 MHz	1745 MHz	1777.5 MHz			1712.5 MHz	1745 MHz	1777.5 MHz		
5	QPSK	1	0	19.7	19.9	19.8	0	20.0	21.0	20.8	20.9	0	21.4
		1	12	19.8	19.8	19.7	0	20.0	20.8	21.0	20.8	0	21.4
		1	24	19.9	19.9	19.9	0	20.0	20.9	20.8	20.9	0	21.4
		12	0	19.7	19.9	19.9	0	20.0	20.9	20.8	20.9	0	21.4
		12	7	19.8	20.0	19.8	0	20.0	20.9	21.0	20.8	0	21.4
		12	13	19.8	20.0	19.9	0	20.0	20.9	21.0	20.7	0	21.4
		25	0	19.8	20.0	19.8	0	20.0	20.9	20.9	21.0	0	21.4
	16QAM	1	0	19.8	19.7	19.9	0	20.0	20.9	21.0	20.8	0	21.4
		1	12	19.9	20.0	19.8	0	20.0	20.9	20.9	20.7	0	21.4
		1	24	19.8	19.8	19.8	0	20.0	20.9	20.8	20.8	0	21.4
		12	0	20.0	20.0	19.9	0	20.0	20.3	20.5	20.5	0.5	20.9
		12	7	19.7	19.8	19.8	0	20.0	20.4	20.4	20.2	0.5	20.9
		12	13	19.9	19.9	20.0	0	20.0	20.3	20.4	20.3	0.5	20.9
		25	0	19.8	19.7	19.9	0	20.0	20.5	20.4	20.4	0.5	20.9
	64QAM	1	0	19.8	19.9	19.8	0	20.0	20.3	20.4	20.4	0.5	20.9
		1	12	19.7	20.0	19.8	0	20.0	20.3	20.4	20.3	0.5	20.9
		1	24	19.8	19.9	19.8	0	20.0	20.3	20.3	20.3	0.5	20.9
		12	0	19.8	19.7	19.8	0.1	19.9	19.2	19.4	19.4	1.5	19.9
		12	7	19.8	19.7	19.6	0.1	19.9	19.4	19.3	19.2	1.5	19.9
		12	13	19.6	19.8	19.8	0.1	19.9	19.4	19.4	19.4	1.5	19.9
		25	0	19.7	19.9	19.7	0.1	19.9	19.2	19.5	19.4	1.5	19.9
	256QAM	1	0	17.8	17.7	17.6	2.1	17.9	17.2	17.3	17.5	3.5	17.9
		1	12	17.7	17.8	17.6	2.1	17.9	17.4	17.5	17.3	3.5	17.9
		1	24	17.9	17.8	17.7	2.1	17.9	17.3	17.2	17.5	3.5	17.9
		12	0	17.8	17.6	17.8	2.1	17.9	17.2	17.2	17.4	3.5	17.9
		12	7	17.8	17.8	17.7	2.1	17.9	17.3	17.3	17.4	3.5	17.9
		12	13	17.6	17.9	17.6	2.1	17.9	17.4	17.3	17.5	3.5	17.9
		25	0	17.8	17.7	17.7	2.1	17.9	17.2	17.3	17.4	3.5	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	Maximum Output Power	131987	132322	132657	MPR	Maximum Output Power
				1711.5 MHz	1745 MHz	1778.5 MHz			1711.5 MHz	1745 MHz	1778.5 MHz		
3	QPSK	1	0	20.0	19.9	19.7	0	20.0	20.8	20.9	20.9	0	21.4
		1	8	19.9	19.9	20.0	0	20.0	21.0	20.8	20.8	0	21.4
		1	14	19.7	19.9	19.8	0	20.0	20.7	20.7	20.8	0	21.4
		8	0	19.7	20.0	19.8	0	20.0	20.8	20.8	20.8	0	21.4
		8	4	20.0	19.9	19.9	0	20.0	20.7	20.8	20.8	0	21.4
		8	7	19.8	19.9	20.0	0	20.0	20.7	20.8	20.9	0	21.4
		15	0	20.0	19.9	19.7	0	20.0	20.7	21.0	20.8	0	21.4
	16QAM	1	0	19.9	19.7	19.8	0	20.0	20.9	20.8	20.9	0	21.4
		1	8	19.8	20.0	20.0	0	20.0	20.9	20.9	20.7	0	21.4
		1	14	19.9	19.9	19.8	0	20.0	20.9	21.0	21.0	0	21.4
		8	0	19.8	19.7	19.8	0	20.0	20.5	20.4	20.3	0.5	20.9
		8	4	19.9	19.7	19.9	0	20.0	20.3	20.3	20.2	0.5	20.9
		8	7	20.0	20.0	19.9	0	20.0	20.4	20.3	20.4	0.5	20.9
		15	0	19.7	19.9	19.9	0	20.0	20.4	20.4	20.2	0.5	20.9
	64QAM	1	0	19.8	20.0	19.9	0	20.0	20.3	20.3	20.3	0.5	20.9
		1	8	19.8	19.9	19.8	0	20.0	20.2	20.2	20.4	0.5	20.9
		1	14	19.8	19.8	19.8	0	20.0	20.2	20.5	20.2	0.5	20.9
		8	0	19.9	19.7	19.8	0.1	19.9	19.2	19.3	19.2	1.5	19.9
		8	4	19.7	19.7	19.6	0.1	19.9	19.2	19.4	19.2	1.5	19.9
		8	7	19.9	19.7	19.8	0.1	19.9	19.3	19.3	19.3	1.5	19.9
		15	0	19.6	19.9	19.7	0.1	19.9	19.4	19.3	19.4	1.5	19.9
	256QAM	1	0	17.7	17.8	17.6	2.1	17.9	17.2	17.4	17.4	3.5	17.9
		1	8	17.8	17.7	17.7	2.1	17.9	17.4	17.5	17.5	3.5	17.9
		1	14	17.7	17.8	17.8	2.1	17.9	17.2	17.5	17.2	3.5	17.9
		8	0	17.9	17.8	17.7	2.1	17.9	17.5	17.3	17.2	3.5	17.9
		8	4	17.6	17.6	17.8	2.1	17.9	17.4	17.3	17.4	3.5	17.9
		8	7	17.7	17.6	17.8	2.1	17.9	17.2	17.5	17.2	3.5	17.9
		15	0	17.8	17.9	17.9	2.1	17.9	17.3	17.4	17.3	3.5	17.9

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)					Power Mode B (dBm)				
				131979	132322	132665	MPR	Maximum Output Power	131979	132322	132665	MPR	Maximum Output Power
				1710.7 MHz	1745 MHz	1779.3 MHz			1710.7 MHz	1745 MHz	1779.3 MHz		
1.4	QPSK	1	0	19.8	19.9	19.7	0	20.0	20.3	20.4	20.2	0	21.4
		1	3	19.8	20.0	19.7	0	20.0	20.4	20.4	20.3	0	21.4
		1	5	19.7	19.8	20.0	0	20.0	20.4	20.4	20.2	0	21.4
		3	0	19.8	19.9	19.9	0	20.0	20.4	20.4	20.3	0	21.4
		3	1	19.8	20.0	19.9	0	20.0	20.4	20.5	20.3	0	21.4
		3	3	19.8	19.9	19.8	0	20.0	20.4	20.4	20.3	0	21.4
		6	0	19.8	19.8	19.7	0	20.0	20.4	20.4	20.3	0	21.4
	16QAM	1	0	19.9	19.9	19.9	0	20.0	20.5	20.7	20.5	0	21.4
		1	3	20.0	20.0	20.0	0	20.0	20.7	20.7	20.6	0	21.4
		1	5	20.0	20.0	19.8	0	20.0	20.6	20.7	20.5	0	21.4
		3	0	20.0	19.7	19.9	0	20.0	20.6	20.6	20.4	0	21.4
		3	1	19.8	19.9	19.9	0	20.0	20.6	20.6	20.5	0	21.4
		3	3	20.0	19.9	19.9	0	20.0	20.6	20.6	20.5	0	21.4
		6	0	19.9	20.0	19.8	0	20.0	20.5	20.5	20.4	0.5	20.9
	64QAM	1	0	19.8	19.9	20.0	0	20.0	20.6	20.7	20.3	0.5	20.9
		1	3	19.7	19.9	19.9	0	20.0	20.7	20.7	20.5	0.5	20.9
		1	5	20.0	19.8	19.8	0	20.0	20.6	20.7	20.4	0.5	20.9
		3	0	19.8	19.6	19.8	0	20.0	20.6	20.6	20.5	0.5	20.9
		3	1	19.6	19.7	19.9	0	20.0	20.6	20.6	20.5	0.5	20.9
		3	3	19.6	19.7	19.9	0	20.0	20.2	20.1	20.2	0.5	20.9
		6	0	19.8	19.6	19.8	0.1	19.9	19.0	19.1	19.1	1.5	19.9
	256QAM	1	0	17.8	17.8	17.7	2.1	17.9	17.0	17.0	17.2	3.5	17.9
		1	3	17.9	17.9	17.8	2.1	17.9	17.0	17.1	17.0	3.5	17.9
		1	5	17.8	17.7	17.8	2.1	17.9	17.0	17.2	17.0	3.5	17.9
		3	0	17.7	17.8	17.7	2.1	17.9	17.1	17.2	17.0	3.5	17.9
		3	1	17.7	17.8	17.8	2.1	17.9	17.1	17.2	17.2	3.5	17.9
		3	3	17.8	17.9	17.9	2.1	17.9	17.1	17.1	17.2	3.5	17.9
		6	0	17.6	17.9	17.7	2.1	17.9	17.1	17.0	17.2	3.5	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	Maximum Output Power	133297	MPR	Maximum Output Power
				680.5 MHz			680.5 MHz		
20	QPSK	1	0	24.7	0	25.7	24.7	0	25.7
		1	49	24.7	0	25.7	24.7	0	25.7
		1	99	24.6	0	25.7	24.6	0	25.7
		50	0	23.8	1	24.7	23.8	1	24.7
		50	24	23.8	1	24.7	23.8	1	24.7
		50	50	23.8	1	24.7	23.8	1	24.7
		100	0	23.8	1	24.7	23.8	1	24.7
	16QAM	1	0	23.9	1	24.7	23.9	1	24.7
		1	49	24.0	1	24.7	24.0	1	24.7
		1	99	23.9	1	24.7	23.9	1	24.7
		50	0	22.9	2	23.7	22.9	2	23.7
		50	24	22.8	2	23.7	22.8	2	23.7
		50	50	22.9	2	23.7	22.9	2	23.7
		100	0	22.8	2	23.7	22.8	2	23.7
	64QAM	1	0	23.0	2	23.7	23.0	2	23.7
		1	49	23.1	2	23.7	23.1	2	23.7
		1	99	22.8	2	23.7	22.8	2	23.7
		50	0	21.9	3	22.7	21.9	3	22.7
		50	24	21.9	3	22.7	21.9	3	22.7
		50	50	21.9	3	22.7	21.9	3	22.7
		100	0	21.9	3	22.7	21.9	3	22.7
	256QAM	1	0	20.0	5	20.7	20.0	5	20.7
		1	49	20.1	5	20.7	20.1	5	20.7
		1	99	20.0	5	20.7	20.0	5	20.7
		50	0	19.9	5	20.7	19.9	5	20.7
		50	24	19.9	5	20.7	19.9	5	20.7
		50	50	19.9	5	20.7	19.9	5	20.7
		100	0	19.9	5	20.7	19.9	5	20.7

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)			Power Mode B (dBm)		
				133297	MPR	Maximum Output Power	133297	MPR	Maximum Output Power
				680.5 MHz			680.5 MHz		
15	QPSK	1	0	24.7	0	25.7	24.7	0	25.7
		1	37	24.7	0	25.7	24.7	0	25.7
		1	74	24.6	0	25.7	24.6	0	25.7
		36	0	23.8	1	24.7	23.8	1	24.7
		36	20	23.8	1	24.7	23.8	1	24.7
		36	39	23.8	1	24.7	23.8	1	24.7
		75	0	23.8	1	24.7	23.8	1	24.7
	16QAM	1	0	24.1	1	24.7	24.1	1	24.7
		1	37	24.2	1	24.7	24.2	1	24.7
		1	74	24.0	1	24.7	24.0	1	24.7
		36	0	22.8	2	23.7	22.8	2	23.7
		36	20	22.8	2	23.7	22.8	2	23.7
		36	39	22.9	2	23.7	22.9	2	23.7
		75	0	22.9	2	23.7	22.9	2	23.7
	64QAM	1	0	22.9	2	23.7	22.9	2	23.7
		1	37	23.0	2	23.7	23.0	2	23.7
		1	74	22.8	2	23.7	22.8	2	23.7
		36	0	21.8	3	22.7	21.8	3	22.7
		36	20	21.8	3	22.7	21.8	3	22.7
		36	39	21.8	3	22.7	21.8	3	22.7
		75	0	21.8	3	22.7	21.8	3	22.7
	256QAM	1	0	19.8	5	20.7	19.8	5	20.7
		1	37	20.0	5	20.7	20.0	5	20.7
		1	74	19.9	5	20.7	19.9	5	20.7
		36	0	19.8	5	20.7	19.8	5	20.7
		36	20	19.8	5	20.7	19.8	5	20.7
		36	39	19.9	5	20.7	19.9	5	20.7
		75	0	19.8	5	20.7	19.8	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	Maximum Output Power	133172	133297	133422	MPR	Maximum Output Power
				668 MHz	680.5 MHz	693 MHz			668 MHz	680.5 MHz	693 MHz		
10	QPSK	1	0	25.0	24.9	24.9	0	25.7	25.0	24.9	24.9	0	25.7
		1	25	25.0	25.0	24.9	0	25.7	25.0	25.0	24.9	0	25.7
		1	49	25.0	24.9	24.8	0	25.7	25.0	24.9	24.8	0	25.7
		25	0	24.0	24.0	23.8	1	24.7	24.0	24.0	23.8	1	24.7
		25	12	24.1	24.0	23.8	1	24.7	24.1	24.0	23.8	1	24.7
		25	25	24.0	24.0	23.9	1	24.7	24.0	24.0	23.9	1	24.7
		50	0	24.0	24.0	23.8	1	24.7	24.0	24.0	23.8	1	24.7
	16QAM	1	0	24.3	24.2	24.1	1	24.7	24.3	24.2	24.1	1	24.7
		1	25	24.2	24.2	24.1	1	24.7	24.2	24.2	24.1	1	24.7
		1	49	24.2	24.2	24.0	1	24.7	24.2	24.2	24.0	1	24.7
		25	0	23.0	23.0	22.9	2	23.7	23.0	23.0	22.9	2	23.7
		25	12	23.1	23.0	22.9	2	23.7	23.1	23.0	22.9	2	23.7
		25	25	23.1	23.1	22.9	2	23.7	23.1	23.1	22.9	2	23.7
		50	0	23.1	23.0	22.8	2	23.7	23.1	23.0	22.8	2	23.7
	64QAM	1	0	23.1	23.2	23.2	2	23.7	23.1	23.2	23.2	2	23.7
		1	25	23.2	23.1	23.1	2	23.7	23.2	23.1	23.1	2	23.7
		1	49	23.1	23.1	23.1	2	23.7	23.1	23.1	23.1	2	23.7
		25	0	22.0	22.0	21.9	3	22.7	22.0	22.0	21.9	3	22.7
		25	12	22.1	22.0	21.8	3	22.7	22.1	22.0	21.8	3	22.7
		25	25	22.0	22.1	21.9	3	22.7	22.0	22.1	21.9	3	22.7
		50	0	22.0	22.0	21.8	3	22.7	22.0	22.0	21.8	3	22.7
	256QAM	1	0	20.1	20.1	20.0	5	20.7	20.1	20.1	20.0	5	20.7
		1	25	20.2	20.2	20.1	5	20.7	20.2	20.2	20.1	5	20.7
		1	49	20.2	20.1	20.0	5	20.7	20.2	20.1	20.0	5	20.7
		25	0	20.0	20.0	19.8	5	20.7	20.0	20.0	19.8	5	20.7
		25	12	20.1	20.0	19.8	5	20.7	20.1	20.0	19.8	5	20.7
		25	25	20.1	20.0	19.9	5	20.7	20.1	20.0	19.9	5	20.7
		50	0	20.0	20.0	19.8	5	20.7	20.0	20.0	19.8	5	20.7

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)					Power Mode B (dBm)				
				133147	133297	133447	MPR	Maximum Output Power	133147	133297	133447	MPR	Maximum Output Power
				665.5 MHz	680.5 MHz	695.5 MHz			665.5 MHz	680.5 MHz	695.5 MHz		
5	QPSK	1	0	24.9	24.9	24.8	0	25.7	24.9	24.9	24.8	0	25.7
		1	12	25.0	25.0	24.8	0	25.7	25.0	25.0	24.8	0	25.7
		1	24	24.9	24.9	24.7	0	25.7	24.9	24.9	24.7	0	25.7
		12	0	24.0	23.9	23.8	1	24.7	24.0	23.9	23.8	1	24.7
		12	7	24.0	23.9	23.8	1	24.7	24.0	23.9	23.8	1	24.7
		12	13	24.0	24.0	23.8	1	24.7	24.0	24.0	23.8	1	24.7
		25	0	24.0	23.9	23.8	1	24.7	24.0	23.9	23.8	1	24.7
	16QAM	1	0	24.3	24.3	24.1	1	24.7	24.3	24.3	24.1	1	24.7
		1	12	24.4	24.4	24.2	1	24.7	24.4	24.4	24.2	1	24.7
		1	24	24.3	24.3	24.1	1	24.7	24.3	24.3	24.1	1	24.7
		12	0	23.0	23.0	22.9	2	23.7	23.0	23.0	22.9	2	23.7
		12	7	23.1	23.1	22.9	2	23.7	23.1	23.1	22.9	2	23.7
		12	13	23.1	23.1	22.9	2	23.7	23.1	23.1	22.9	2	23.7
		25	0	23.1	23.0	22.8	2	23.7	23.1	23.0	22.8	2	23.7
	64QAM	1	0	23.3	23.2	22.9	2	23.7	23.3	23.2	22.9	2	23.7
		1	12	23.3	23.3	23.0	2	23.7	23.3	23.3	23.0	2	23.7
		1	24	23.2	23.2	22.9	2	23.7	23.2	23.2	22.9	2	23.7
		12	0	22.0	22.0	21.9	3	22.7	22.0	22.0	21.9	3	22.7
		12	7	22.1	22.0	21.9	3	22.7	22.1	22.0	21.9	3	22.7
		12	13	22.1	22.0	21.9	3	22.7	22.1	22.0	21.9	3	22.7
		25	0	22.1	22.0	21.9	3	22.7	22.1	22.0	21.9	3	22.7
	256QAM	1	0	20.0	20.0	20.0	5	20.7	20.0	20.0	20.0	5	20.7
		1	12	20.2	20.1	20.0	5	20.7	20.2	20.1	20.0	5	20.7
		1	24	20.1	20.1	19.9	5	20.7	20.1	20.1	19.9	5	20.7
		12	0	20.0	20.0	19.9	5	20.7	20.0	20.0	19.9	5	20.7
		12	7	20.1	20.0	19.9	5	20.7	20.1	20.0	19.9	5	20.7
		12	13	20.1	20.0	19.9	5	20.7	20.1	20.0	19.9	5	20.7
		25	0	20.1	20.0	19.9	5	20.7	20.1	20.0	19.9	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	Maximum Output Power	133297	MPR	Maximum Output Power
				680.5 MHz			680.5 MHz		
20	QPSK	1	0	23.9	0	24.7	23.9	0	24.7
		1	49	23.9	0	24.7	23.9	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	23.0	1	23.7	23.0	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	23.2	1	23.7	23.2	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	22.1	2	22.7	22.1	2	22.7
		1	49	22.2	2	22.7	22.2	2	22.7
		1	99	22.2	2	22.7	22.2	2	22.7
		50	0	21.1	3	21.7	21.1	3	21.7
		50	24	21.1	3	21.7	21.1	3	21.7
		50	50	21.0	3	21.7	21.0	3	21.7
		100	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	49	19.2	5	19.7	19.2	5	19.7
		1	99	19.3	5	19.7	19.3	5	19.7
		50	0	19.1	5	19.7	19.1	5	19.7
		50	24	19.1	5	19.7	19.1	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	Maximum Output Power	133297	MPR	Maximum Output Power
				680.5 MHz			680.5 MHz		
15	QPSK	1	0	23.9	0	24.7	23.9	0	24.7
		1	37	23.9	0	24.7	23.9	0	24.7
		1	74	23.9	0	24.7	23.9	0	24.7
		36	0	23.0	1	23.7	23.0	1	23.7
		36	20	23.1	1	23.7	23.1	1	23.7
		36	39	23.0	1	23.7	23.0	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	23.5	1	23.7	23.5	1	23.7
		1	74	23.3	1	23.7	23.3	1	23.7
		36	0	22.1	2	22.7	22.1	2	22.7
		36	20	22.1	2	22.7	22.1	2	22.7
		36	39	22.0	2	22.7	22.0	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	21.0	3	21.7	21.0	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	19.1	5	19.7	19.1	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	Maximum Output Power	133172	133297	133422	MPR	Maximum Output Power
				668 MHz	680.5 MHz	693 MHz			668 MHz	680.5 MHz	693 MHz		
10	QPSK	1	0	24.3	24.2	24.2	0	24.7	24.3	24.2	24.2	0	24.7
		1	25	24.3	24.2	24.2	0	24.7	24.3	24.2	24.2	0	24.7
		1	49	24.2	24.1	24.1	0	24.7	24.2	24.1	24.1	0	24.7
		25	0	23.3	23.2	23.2	1	23.7	23.3	23.2	23.2	1	23.7
		25	12	23.3	23.3	23.2	1	23.7	23.3	23.3	23.2	1	23.7
		25	25	23.3	23.2	23.2	1	23.7	23.3	23.2	23.2	1	23.7
		50	0	23.3	23.2	23.2	1	23.7	23.3	23.2	23.2	1	23.7
	16QAM	1	0	23.5	23.4	23.5	1	23.7	23.5	23.4	23.5	1	23.7
		1	25	23.5	23.4	23.4	1	23.7	23.5	23.4	23.4	1	23.7
		1	49	23.4	23.4	23.4	1	23.7	23.4	23.4	23.4	1	23.7
		25	0	22.3	22.2	22.2	2	22.7	22.3	22.2	22.2	2	22.7
		25	12	22.4	22.3	22.2	2	22.7	22.4	22.3	22.2	2	22.7
		25	25	22.3	22.3	22.3	2	22.7	22.3	22.3	22.3	2	22.7
		50	0	22.3	22.2	22.2	2	22.7	22.3	22.2	22.2	2	22.7
	64QAM	1	0	22.4	22.5	22.4	2	22.7	22.4	22.5	22.4	2	22.7
		1	25	22.4	22.3	22.4	2	22.7	22.4	22.3	22.4	2	22.7
		1	49	22.3	22.3	22.3	2	22.7	22.3	22.3	22.3	2	22.7
		25	0	21.3	21.2	21.2	3	21.7	21.3	21.2	21.2	3	21.7
		25	12	21.3	21.3	21.2	3	21.7	21.3	21.3	21.2	3	21.7
		25	25	21.3	21.3	21.3	3	21.7	21.3	21.3	21.3	3	21.7
		50	0	21.3	21.3	21.2	3	21.7	21.3	21.3	21.2	3	21.7
	256QAM	1	0	19.4	19.3	19.3	5	19.7	19.4	19.3	19.3	5	19.7
		1	25	19.5	19.5	19.4	5	19.7	19.5	19.5	19.4	5	19.7
		1	49	19.4	19.4	19.3	5	19.7	19.4	19.4	19.3	5	19.7
		25	0	19.2	19.2	19.2	5	19.7	19.2	19.2	19.2	5	19.7
		25	12	19.3	19.3	19.2	5	19.7	19.3	19.3	19.2	5	19.7
		25	25	19.3	19.3	19.3	5	19.7	19.3	19.3	19.3	5	19.7
		50	0	19.3	19.3	19.2	5	19.7	19.3	19.3	19.2	5	19.7

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)					Power Mode B (dBm)				
				133147	133297	133447	MPR	Maximum Output Power	133147	133297	133447	MPR	Maximum Output Power
				665.5 MHz	680.5 MHz	695.5 MHz			665.5 MHz	680.5 MHz	695.5 MHz		
5	QPSK	1	0	24.2	24.1	24.1	0	24.7	24.2	24.1	24.1	0	24.7
		1	12	24.3	24.2	24.2	0	24.7	24.3	24.2	24.2	0	24.7
		1	24	24.2	24.1	24.1	0	24.7	24.2	24.1	24.1	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	23.2	1	23.7	23.3	23.3	23.2	1	23.7
		12	13	23.3	23.2	23.2	1	23.7	23.3	23.2	23.2	1	23.7
		25	0	23.3	23.2	23.2	1	23.7	23.3	23.2	23.2	1	23.7
	16QAM	1	0	23.6	23.5	23.6	1	23.7	23.6	23.5	23.6	1	23.7
		1	12	23.7	23.6	23.6	1	23.7	23.7	23.6	23.6	1	23.7
		1	24	23.6	23.5	23.5	1	23.7	23.6	23.5	23.5	1	23.7
		12	0	22.3	22.2	22.3	2	22.7	22.3	22.2	22.3	2	22.7
		12	7	22.4	22.3	22.3	2	22.7	22.4	22.3	22.3	2	22.7
		12	13	22.4	22.3	22.2	2	22.7	22.4	22.3	22.2	2	22.7
		25	0	22.3	22.3	22.2	2	22.7	22.3	22.3	22.2	2	22.7
	64QAM	1	0	22.5	22.4	22.4	2	22.7	22.5	22.4	22.4	2	22.7
		1	12	22.5	22.5	22.4	2	22.7	22.5	22.5	22.4	2	22.7
		1	24	22.5	22.4	22.3	2	22.7	22.5	22.4	22.3	2	22.7
		12	0	21.3	21.2	21.3	3	21.7	21.3	21.2	21.3	3	21.7
		12	7	21.4	21.3	21.3	3	21.7	21.4	21.3	21.3	3	21.7
		12	13	21.4	21.3	21.3	3	21.7	21.4	21.3	21.3	3	21.7
		25	0	21.4	21.3	21.2	3	21.7	21.4	21.3	21.2	3	21.7
	256QAM	1	0	19.4	19.3	19.4	5	19.7	19.4	19.3	19.4	5	19.7
		1	12	19.6	19.4	19.4	5	19.7	19.6	19.4	19.4	5	19.7
		1	24	19.5	19.3	19.4	5	19.7	19.5	19.3	19.4	5	19.7
		12	0	19.3	19.2	19.3	5	19.7	19.3	19.2	19.3	5	19.7
		12	7	19.4	19.3	19.3	5	19.7	19.4	19.3	19.3	5	19.7
		12	13	19.4	19.3	19.3	5	19.7	19.4	19.3	19.3	5	19.7
		25	0	19.4	19.3	19.3	5	19.7	19.4	19.3	19.3	5	19.7

LTE Band 71 Measured Results (ANT3)

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)			Power Mode B (dBm)		
				133297	MPR	Maximum	133297	MPR	Maximum
				680.5 MHz		Output Power	680.5 MHz		Output Power
20	QPSK	1	0	24.7	0	25.4	24.7	0	25.4
		1	49	24.7	0	25.4	24.7	0	25.4
		1	99	24.6	0	25.4	24.6	0	25.4
		50	0	23.6	1	24.4	23.6	1	24.4
		50	24	23.7	1	24.4	23.7	1	24.4
		50	50	23.7	1	24.4	23.7	1	24.4
		100	0	23.7	1	24.4	23.7	1	24.4
	16QAM	1	0	23.8	1	24.4	23.8	1	24.4
		1	49	23.8	1	24.4	23.8	1	24.4
		1	99	23.6	1	24.4	23.6	1	24.4
		50	0	22.6	2	23.4	22.6	2	23.4
		50	24	22.7	2	23.4	22.7	2	23.4
		50	50	22.7	2	23.4	22.7	2	23.4
		100	0	22.8	2	23.4	22.8	2	23.4
	64QAM	1	0	22.6	2	23.4	22.6	2	23.4
		1	49	22.8	2	23.4	22.8	2	23.4
		1	99	22.7	2	23.4	22.7	2	23.4
		50	0	21.6	3	22.4	21.6	3	22.4
		50	24	21.7	3	22.4	21.7	3	22.4
		50	50	21.7	3	22.4	21.7	3	22.4
		100	0	21.8	3	22.4	21.8	3	22.4
	256QAM	1	0	19.7	5	20.4	19.7	5	20.4
		1	49	19.7	5	20.4	19.7	5	20.4
		1	99	19.7	5	20.4	19.7	5	20.4
		50	0	19.8	5	20.4	19.8	5	20.4
		50	24	19.7	5	20.4	19.7	5	20.4
		50	50	19.6	5	20.4	19.6	5	20.4
		100	0	19.7	5	20.4	19.7	5	20.4

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)			Power Mode B (dBm)		
				133297	MPR	Maximum	133297	MPR	Maximum
				680.5 MHz		Output Power	680.5 MHz		Output Power
15	QPSK	1	0	24.8	0	25.4	24.8	0	25.4
		1	37	24.7	0	25.4	24.7	0	25.4
		1	74	24.7	0	25.4	24.7	0	25.4
		36	0	23.7	1	24.4	23.7	1	24.4
		36	20	23.6	1	24.4	23.6	1	24.4
		36	39	23.6	1	24.4	23.6	1	24.4
		75	0	23.8	1	24.4	23.8	1	24.4
	16QAM	1	0	23.6	1	24.4	23.6	1	24.4
		1	37	23.6	1	24.4	23.6	1	24.4
		1	74	23.7	1	24.4	23.7	1	24.4
		36	0	22.6	2	23.4	22.6	2	23.4
		36	20	22.6	2	23.4	22.6	2	23.4
		36	39	22.7	2	23.4	22.7	2	23.4
		75	0	22.6	2	23.4	22.6	2	23.4
	64QAM	1	0	22.7	2	23.4	22.7	2	23.4
		1	37	22.7	2	23.4	22.7	2	23.4
		1	74	22.6	2	23.4	22.6	2	23.4
		36	0	21.8	3	22.4	21.8	3	22.4
		36	20	21.6	3	22.4	21.6	3	22.4
		36	39	21.7	3	22.4	21.7	3	22.4
		75	0	21.7	3	22.4	21.7	3	22.4
	256QAM	1	0	19.7	5	20.4	19.7	5	20.4
		1	37	19.8	5	20.4	19.8	5	20.4
		1	74	19.7	5	20.4	19.7	5	20.4
		36	0	19.6	5	20.4	19.6	5	20.4
		36	20	19.8	5	20.4	19.8	5	20.4
		36	39	19.6	5	20.4	19.6	5	20.4
		75	0	19.8	5	20.4	19.8	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	Maximum Output Power	133172	133297	133422	MPR	Maximum Output Power
				668 MHz	680.5 MHz	693 MHz			668 MHz	680.5 MHz	693 MHz		
10	QPSK	1	0	24.7	24.8	24.6	0	25.4	24.7	24.8	24.6	0	25.4
		1	25	24.7	24.8	24.8	0	25.4	24.7	24.8	24.8	0	25.4
		1	49	24.7	24.6	24.8	0	25.4	24.7	24.6	24.8	0	25.4
		25	0	23.7	23.7	23.7	1	24.4	23.7	23.7	23.7	1	24.4
		25	12	23.6	23.8	23.7	1	24.4	23.6	23.8	23.7	1	24.4
		25	25	23.7	23.8	23.7	1	24.4	23.7	23.8	23.7	1	24.4
		50	0	23.6	23.7	23.7	1	24.4	23.6	23.7	23.7	1	24.4
	16QAM	1	0	23.8	23.6	23.6	1	24.4	23.8	23.6	23.6	1	24.4
		1	25	23.7	23.6	23.8	1	24.4	23.7	23.6	23.8	1	24.4
		1	49	23.7	23.7	23.7	1	24.4	23.7	23.7	23.7	1	24.4
		25	0	22.7	22.7	22.7	2	23.4	22.7	22.7	22.7	2	23.4
		25	12	22.7	22.8	22.7	2	23.4	22.7	22.8	22.7	2	23.4
		25	25	22.6	22.7	22.6	2	23.4	22.6	22.7	22.6	2	23.4
		50	0	22.7	22.8	22.7	2	23.4	22.7	22.8	22.7	2	23.4
	64QAM	1	0	22.7	22.7	22.8	2	23.4	22.7	22.7	22.8	2	23.4
		1	25	22.6	22.8	22.8	2	23.4	22.6	22.8	22.8	2	23.4
		1	49	22.7	22.6	22.7	2	23.4	22.7	22.6	22.7	2	23.4
		25	0	21.7	21.8	21.7	3	22.4	21.7	21.8	21.7	3	22.4
		25	12	21.7	21.6	21.8	3	22.4	21.7	21.6	21.8	3	22.4
		25	25	21.8	21.7	21.8	3	22.4	21.8	21.7	21.8	3	22.4
		50	0	21.7	21.7	21.8	3	22.4	21.7	21.7	21.8	3	22.4
	256QAM	1	0	19.6	19.6	19.7	5	20.4	19.6	19.6	19.7	5	20.4
		1	25	19.7	19.7	19.6	5	20.4	19.7	19.7	19.6	5	20.4
		1	49	19.8	19.6	19.7	5	20.4	19.8	19.6	19.7	5	20.4
		25	0	19.6	19.6	19.6	5	20.4	19.6	19.6	19.6	5	20.4
		25	12	19.6	19.7	19.6	5	20.4	19.6	19.7	19.6	5	20.4
		25	25	19.8	19.6	19.6	5	20.4	19.8	19.6	19.6	5	20.4
		50	0	19.7	19.7	19.6	5	20.4	19.7	19.7	19.6	5	20.4

BW (MHz)	Mode	RB Allocation	RB Offset	Power Mode A (dBm)					Power Mode B (dBm)				
				133147	133297	133447	MPR	Maximum Output Power	133147	133297	133447	MPR	Maximum Output Power
				665.5 MHz	680.5 MHz	695.5 MHz			665.5 MHz	680.5 MHz	695.5 MHz		
5	QPSK	1	0	24.7	24.7	24.6	0	25.4	24.7	24.7	24.6	0	25.4
		1	12	24.7	24.8	24.6	0	25.4	24.7	24.8	24.6	0	25.4
		1	24	24.6	24.8	24.7	0	25.4	24.6	24.8	24.7	0	25.4
		12	0	23.6	23.8	23.8	1	24.4	23.6	23.8	23.8	1	24.4
		12	7	23.7	23.7	23.6	1	24.4	23.7	23.7	23.6	1	24.4
		12	13	23.6	23.7	23.8	1	24.4	23.6	23.7	23.8	1	24.4
		25	0	23.7	23.7	23.7	1	24.4	23.7	23.7	23.7	1	24.4
	16QAM	1	0	23.7	23.8	23.8	1	24.4	23.7	23.8	23.8	1	24.4
		1	12	23.7	23.8	23.7	1	24.4	23.7	23.8	23.7	1	24.4
		1	24	23.8	23.7	23.7	1	24.4	23.8	23.7	23.7	1	24.4
		12	0	22.7	22.7	22.6	2	23.4	22.7	22.7	22.6	2	23.4
		12	7	22.6	22.7	22.7	2	23.4	22.6	22.7	22.7	2	23.4
		12	13	22.6	22.8	22.7	2	23.4	22.6	22.8	22.7	2	23.4
		25	0	22.7	22.7	22.6	2	23.4	22.7	22.7	22.6	2	23.4
	64QAM	1	0	22.6	22.8	22.6	2	23.4	22.6	22.8	22.6	2	23.4
		1	12	22.7	22.7	22.7	2	23.4	22.7	22.7	22.7	2	23.4
		1	24	22.6	22.8	22.7	2	23.4	22.6	22.8	22.7	2	23.4
		12	0	21.7	21.8	21.8	3	22.4	21.7	21.8	21.8	3	22.4
		12	7	21.7	21.7	21.6	3	22.4	21.7	21.7	21.6	3	22.4
		12	13	21.7	21.7	21.7	3	22.4	21.7	21.7	21.7	3	22.4
		25	0	21.7	21.8	21.7	3	22.4	21.7	21.8	21.7	3	22.4
	256QAM	1	0	19.7	19.7	19.8	5	20.4	19.7	19.7	19.8	5	20.4
		1	12	19.7	19.7	19.8	5	20.4	19.7	19.7	19.8	5	20.4
		1	24	19.7	19.6	19.6	5	20.4	19.7	19.6	19.6	5	20.4
		12	0	19.7	19.6	19.7	5	20.4	19.7	19.6	19.7	5	20.4
		12	7	19.8	19.6	19.7	5	20.4	19.8	19.6	19.7	5	20.4
		12	13	19.6	19.6	19.7	5	20.4	19.6	19.6	19.7	5	20.4
		25	0	19.8	19.8	19.7	5	20.4	19.8	19.8	19.7	5	20.4

9.4. LTE Up-Link Carrier Aggregation

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

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

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

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

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

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

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

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

Where M_A is defined as follows

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

$3.83 – 0.83A$;$0.4 \le A \le 1$

and M_{IM5} is defined as follows

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

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

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

Where

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

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

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

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

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

MPR = CEIL{M_A, 0.5}

Where M_N is defined as follows

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

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

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

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

LTE Intra-Band Contiguous Carrier Aggregation

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

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

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

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

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

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

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

a) When the maximum output power for UL CA is ≤ standalone LTE mode (without CA)
   - PCC is configured according to the highest standalone SAR configuration tested
   - SCC and subsequent CCs are configured according to procedures used for power measurement and parameters (BW, RB etc.) similar to that used for the PCC
b) When the Reported SAR for UL CA configuration, described above, is > 1.2 W/kg, UL CA SAR is also required for all required test channels(PCC based)
c) UL CA SAR is also required for standalone SAR configurations > 1.2 W/kg when they are scaled to the UL CA power level

Maximum Output Power for LTE UL Carrier Aggregation

Intra-Band Contiguous	Mode	Target Output Power (dBm)								Maximum Output Power (dBm)							
		ANT1		ANT2		ANT3		ANT4		ANT1		ANT2		ANT3		ANT4	
		Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B
CA_5B	QPSK	24.7	24.7	23.5	23.7	24.4	24.3			25.7	25.7	24.5	24.7	25.4	25.3		
CA_7C	QPSK	19.0	21.0	17.7	18.6	20.8	19.8	19.0	19.4	20.0	22.0	18.7	19.6	21.8	20.8	20.0	20.4
CA_41C (PC3)	QPSK	24.7	21.8	19.6	20.2	23.8	19.5	20.7	19.8	25.7	22.8	20.6	21.2	24.8	20.5	21.7	20.8
CA_41C (PC2)	QPSK	27.1	23.4	21.2	21.8	25.4	21.1	22.3	21.4	28.1	24.4	22.2	22.8	26.4	22.1	23.3	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	19.0	19.9	22.5	20.1	22.2	20.7	25.0	22.8	20.0	20.9	23.5	21.1	23.2	21.7

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	25.2	25.7	25.0	-0.2	25.0	22.00
CA_5B	ANT 1	Mode B	QPSK	10	831.6	1	49	5	841.5	1	0	25.7	25.2	25.7	25.0	-0.2	25.0	22.00
CA_5B	ANT 2	Mode A	QPSK	10	831.6	1	49	5	841.5	1	0	24.5	24.1	24.5	24.0	-0.1	23.8	20.80
CA_5B	ANT 2	Mode B	QPSK	10	831.6	1	49	5	841.5	1	0	24.7	24.3	24.7	24.2	-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	25.0	25.4	25.1	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	24.9	25.3	25.0	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	19.4	20.0	19.3	-0.1	25.0	22.00
CA_7C	ANT 1	Mode B	QPSK	20	2525.1	1	99	20	2544.9	1	0	22.0	20.7	22.0	20.7	0.0	20.5	17.50
CA_7C	ANT 1	Mode B	QPSK	20	2540.2	1	99	20	2560.0	1	0	22.0	20.6	22.0	20.6	0.0	20.5	17.50
CA_7C	ANT 2	Mode A	QPSK	20	2510.0	1	99	20	2529.8	1	0	18.7	18.1	18.7	18.0	-0.1	17.6	14.60
CA_7C	ANT 2	Mode B	QPSK	20	2525.1	1	99	20	2544.9	1	0	19.6	18.8	19.6	18.6	-0.2	18.6	15.60
CA_7C	ANT 2	Mode B	QPSK	20	2525.1	1	99	20	2544.9	1	0	19.6	18.8	19.6	18.6	-0.2	18.6	15.60
CA_7C	ANT 3	Mode A	QPSK	20	2525.1	1	99	20	2544.9	1	0	21.8	21.3	21.8	21.4	0.1	21.1	18.10
CA_7C	ANT 3	Mode B	QPSK	20	2510.0	1	99	20	2529.8	1	0	20.8	20.4	20.8	20.3	-0.1	20.5	17.50
CA_7C	ANT 4	Mode A	QPSK	20	2510.0	1	99	20	2529.8	1	0	20.0	19.7	20.0	19.6	-0.1	19.6	16.60
CA_7C	ANT 4	Mode B	QPSK	20	2540.2	1	99	20	2560.0	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	20.4	20.4	20.3	-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	25.0	25.7	25.0	0.0	25.0	22.00
CA_41C	ANT 1	Mode B	QPSK	20	2583.1	1	99	20	2602.9	1	0	22.8	22.5	22.8	22.5	0.0	23.2	20.20
CA_41C	ANT 1	Mode B	QPSK	20	2506	1	99	20	2525.8	1	0	22.8	22.6	22.8	22.5	-0.1	23.2	20.20
CA_41C	ANT 2	Mode A	QPSK	20	2660.2	1	99	20	2680	1	0	20.6	19.9	20.6	19.8	-0.1	19.3	16.30
CA_41C	ANT 2	Mode B	QPSK	20	2583.1	1	99	20	2602.9	1	0	21.2	20.6	21.2	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	24.8	24.2	24.8	24.3	0.1	24.1	21.10
CA_41C	ANT 3	Mode B	QPSK	20	2583.1	1	99	20	2602.9	1	0	20.5	20.5	20.5	20.3	-0.2	21.8	18.80
CA_41C	ANT 4	Mode A	QPSK	20	2583.1	1	99	20	2602.9	1	0	21.7	20.5	21.7	20.5	0.0	20.6	17.60
CA_41C	ANT 4	Mode B	QPSK	20	2583.1	1	99	20	2602.9	1	0	20.8	19.5	20.8	19.4	-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.

LTE CA_41C (PC2) 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	28.1	26.5	28.1	26.6	0.1	25.0	22.00

Note(s):

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

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	24.2	25.0	24.8	0.6	24.0	21.00
CA_48C	ANT 7	Mode B	QPSK	20	3615.1	1	99	20	3634.9	1	0	22.8	22.3	22.8	22.1	-0.2	21.8	18.80
CA_48C	ANT 7	Mode B	QPSK	20	3560.0	1	99	20	3579.8	1	0	22.8	22.4	22.8	22.3	-0.1	21.8	18.80
CA_48C	ANT 8	Mode A	QPSK	20	3560.0	1	99	20	3579.8	1	0	20.0	19.1	20.0	19.0	-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	19.5	20.9	19.5	0.0	19.5	16.50
CA_48C	ANT 8	Mode B	QPSK	20	3615.1	1	99	20	3634.9	1	0	20.9	19.5	20.9	19.5	0.0	19.5	16.50
CA_48C	ANT 9	Mode A	QPSK	20	3615.1	1	99	20	3634.9	1	0	23.5	23.3	23.5	23.1	-0.2	22.5	19.50
CA_48C	ANT 9	Mode B	QPSK	20	3615.1	1	99	20	3634.9	1	0	21.1	20.8	21.1	20.7	-0.1	20.3	17.30
CA_48C	ANT 4	Mode A	QPSK	20	3560.0	1	99	20	3579.8	1	0	23.2	22.0	23.2	22.1	0.1	17.8	14.80
CA_48C	ANT 4	Mode B	QPSK	20	3670.2	1	99	20	3690.0	1	0	21.7	21.3	21.7	21.2	-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:

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

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

9.5. LTE Down-Link Carrier Aggregation

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

9.6. 5G NR(FR1)

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

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

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

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

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

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

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

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

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

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

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

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

Maximum Output Power for 5G NR (FR1)

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

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

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

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

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

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

RF Air interface	Mode	Maximum Output Power (Tune-up Limit) (dBm)								Target Output Power (dBm)							
		ANT1		ANT2		ANT3		ANT4		ANT1		ANT2		ANT3		ANT4	
		Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B
NR n2	QPSK	24.7	18.7	19.8	19.1	22.3	21.0	20.1	20.8	25.7	19.7	20.8	20.1	23.3	22.0	21.1	21.8
NR n5	QPSK	24.7	24.7	23.5	23.7	24.4	24.3			25.7	25.7	24.5	24.7	25.4	25.3		
NR n7	QPSK	19.0	21.0	17.8	18.5	20.8	19.6	19.4	19.4	20.0	22.0	18.8	19.5	21.8	20.6	20.4	20.4
NR n12	QPSK	24.7	24.7	23.7	23.7	24.4	24.4			25.7	25.7	24.7	24.7	25.4	25.4		
NR n14	QPSK	24.7	24.7	23.5	23.5	24.4	24.4			25.7	25.7	24.5	24.5	25.4	25.4		
NR n25	QPSK	24.7	18.7	19.8	19.1	22.3	21.0	20.1	20.8	25.7	19.7	20.8	20.1	23.3	22.0	21.1	21.8
NR n26	QPSK	24.7	24.7	23.5	23.7	24.4	24.3			25.7	25.7	24.5	24.7	25.4	25.3		
NR n30	QPSK	24.2	23.3	21.3	22.0	20.6	19.0	20.5	18.9	25.2	24.3	22.3	23.0	21.6	20.0	21.5	19.9
NR n41 (PC3)	QPSK	23.5	19.8	17.6	18.2	21.8	17.5	18.1	17.8	24.5	20.8	18.6	19.2	22.8	18.5	19.1	18.8
NR n41 (PC2)	QPSK	26.5	22.8	20.6	21.2	24.8	20.5	21.1	20.8	27.5	23.8	21.6	22.2	25.8	21.5	22.1	21.8
NR n53	QPSK	17.7	17.7	18.0	18.6					18.7	18.7	19.0	19.6				
NR n66	QPSK	24.3	18.4	18.6	18.7	21.8	21.6	19.7	21.4	25.3	19.4	19.6	19.7	22.8	22.6	20.7	22.4
NR n70	QPSK	24.3	18.9	19.4	19.3	21.8	22.1	21.1	22.1	25.3	19.9	20.4	20.3	22.8	23.1	22.1	23.1
NR n71	QPSK	24.7	24.7	23.7	23.7	24.4	24.4			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	17.0	17.9	20.5	17.7	20.2	18.7	23.0	20.8	18.0	18.9	21.5	18.7	21.2	19.7
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	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						166800	167300	167800	MPR	Maximum Output Power	166800	167300	167800	MPR	Maximum Output Power
						834 MHz	836.5 MHz	839 MHz			834 MHz	836.5 MHz	839 MHz		
20	DFT-s	15	π/2 BPSK	1	1	[redacted]	25.2	[redacted]	0	25.7	[redacted]	25.2	[redacted]	0	25.7
				1	53		25.5		0	25.7		25.5		0	25.7
				1	104		24.8		0	25.7		24.8		0	25.7
				50	28		25.6		0	25.7		25.6		0	25.7
			QPSK	1	1		25.3		0	25.7		25.3		0	25.7
				1	53		25.0		0	25.7		25.0		0	25.7
				1	104		24.8		0	25.7		24.8		0	25.7
				50	28		25.1		0	25.7		25.1		0	25.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						166300	167300	168300	MPR	Maximum Output Power	166300	167300	168300	MPR	Maximum Output Power
						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	[redacted]	24.9	[redacted]	0	25.7	[redacted]	24.9	[redacted]	0	25.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						165800	167300	168800	MPR	Maximum Output Power	165800	167300	168800	MPR	Maximum Output Power
						829 MHz	836.5 MHz	844 MHz			829 MHz	836.5 MHz	844 MHz		
10	DFT-s	15	π/2 BPSK	1	26	[redacted]	24.9	[redacted]	0	25.7	[redacted]	24.9	[redacted]	0	25.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						165300	167300	169300	MPR	Maximum Output Power	165300	167300	169300	MPR	Maximum Output Power
						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	25.7	25.3	25.3	0	25.7	25.7	25.3	25.3	0	25.7

NR Band 5 Measured Results (ANT2)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						166800	167300	167800	MPR	Maximum Output Power	166800	167300	167800	MPR	Maximum Output Power
						834 MHz	836.5 MHz	839 MHz			834 MHz	836.5 MHz	839 MHz		
20	DFT-s	15	π/2 BPSK	1	1	[redacted]	24.4	[redacted]	0	24.5	[redacted]	24.6	[redacted]	0	24.7
				1	53		24.4		0	24.5		24.7		0	24.7
				1	104		24.3		0	24.5		24.4		0	24.7
				50	28		24.5		0	24.5		24.7		0	24.7
			QPSK	1	1		24.4		0	24.5		24.7		0	24.7
				1	53		24.3		0	24.5		24.6		0	24.7
				1	104		24.3		0	24.5		24.4		0	24.7
				50	28		24.5		0	24.5		24.6		0	24.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						166300	167300	168300	MPR	Maximum Output Power	166300	167300	168300	MPR	Maximum Output Power
						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	[redacted]	24.4	[redacted]	0	24.5	[redacted]	24.4	[redacted]	0	24.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						165800	167300	168800	MPR	Maximum Output Power	165800	167300	168800	MPR	Maximum Output Power
						829 MHz	836.5 MHz	844 MHz			829 MHz	836.5 MHz	844 MHz		
10	DFT-s	15	π/2 BPSK	1	26	[redacted]	24.3	[redacted]	0	24.5	[redacted]	24.5	[redacted]	0	24.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						165300	167300	169300	MPR	Maximum Output Power	165300	167300	169300	MPR	Maximum Output Power
						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	24.4	24.3	24.3	0	24.5	24.6	24.6	24.3	0	24.7

NR Band 5 Measured Results (ANT3)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						166800	167300	167800	MPR	Maximum Output Power	166800	167300	167800	MPR	Maximum Output Power
						834 MHz	836.5 MHz	839 MHz			834 MHz	836.5 MHz	839 MHz		
20	DFT-s	15	π/2 BPSK	1	1	[redacted]	25.1	[redacted]	0	25.4	[redacted]	25.1	[redacted]	0	25.3
				1	53		25.1		0	25.4		25.1		0	25.3
				1	104		25.1		0	25.4		25.1		0	25.3
				50	28		25.2		0	25.4		25.0		0	25.3
			QPSK	1	1		25.4		0	25.4		25.3		0	25.3
				1	53		25.3		0	25.4		25.2		0	25.3
				1	104		25.2		0	25.4		25.1		0	25.3
				50	28		25.3		0	25.4		25.2		0	25.3
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						166300	167300	168300	MPR	Maximum Output Power	166300	167300	168300	MPR	Maximum Output Power
						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	[redacted]	25.3	[redacted]	0	25.4	[redacted]	25.2	[redacted]	0	25.3
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						165800	167300	168800	MPR	Maximum Output Power	165800	167300	168800	MPR	Maximum Output Power
						829 MHz	836.5 MHz	844 MHz			829 MHz	836.5 MHz	844 MHz		
10	DFT-s	15	π/2 BPSK	1	26	[redacted]	25.2	[redacted]	0	25.4	[redacted]	25.1	[redacted]	0	25.3
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						165300	167300	169300	MPR	Maximum Output Power	165300	167300	169300	MPR	Maximum Output Power
						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	25.4	25.2	25.2	0	25.4	25.1	25.1	25.2	0	25.3

NR Band 7 Measured Results (ANT1)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						504000	507000	510000	MPR	Maximum Output Power	504000	507000	510000	MPR	Maximum Output Power
						2520 MHz	2535 MHz	2550 MHz			2520 MHz	2535 MHz	2550 MHz		
40	DFT-s	15	π/2 BPSK	1	1		19.4		0	20		20.9		0	22
				1	108		19.5		0	20		20.9		0	22
				1	214		19.5		0	20		20.9		0	22
				108	54		19.5		0	20		20.9		0	22
			QPSK	1	1		19.5		0	20		21.0		0	22
				1	108		19.6		0	20		20.9		0	22
				1	214		19.5		0	20		21.1		0	22
				108	54		19.4		0	20		20.9		0	22
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						503000	507000	511000	MPR	Maximum Output Power	503000	507000	511000	MPR	Maximum Output Power
						2515 MHz	2535 MHz	2555 MHz			2515 MHz	2535 MHz	2555 MHz		
30	DFT-s	15	π/2 BPSK	1	80		19.4		0	20		21.1		0	22
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						502500	507000	511500	MPR	Maximum Output Power	502500	507000	511500	MPR	Maximum Output Power
						2512.5 MHz	2535 MHz	2557.5 MHz			2512.5 MHz	2535 MHz	2557.5 MHz		
25	DFT-s	15	π/2 BPSK	1	66		19.5		0	20		20.8		0	22
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						502000	507000	512000	MPR	Maximum Output Power	502000	507000	512000	MPR	Maximum Output Power
						2510 MHz	2535 MHz	2560 MHz			2510 MHz	2535 MHz	2560 MHz		
20	DFT-s	15	π/2 BPSK	1	53	19.5	19.4	19.5	0	20	20.7	20.8	20.8	0	22
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						501500	507000	512500	MPR	Maximum Output Power	501500	507000	512500	MPR	Maximum Output Power
						2507.5 MHz	2535 MHz	2562.5 MHz			2507.5 MHz	2535 MHz	2562.5 MHz		
15	DFT-s	15	π/2 BPSK	1	39	19.6	19.4	19.5	0	20	20.9	20.9	20.9	0	22
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						501000	507000	513000	MPR	Maximum Output Power	501000	507000	513000	MPR	Maximum Output Power
						2505 MHz	2535 MHz	2565 MHz			2505 MHz	2535 MHz	2565 MHz		
10	DFT-s	15	π/2 BPSK	1	26	19.5	19.5	19.6	0	20	20.9	20.9	20.9	0	22
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						500500	507000	513500	MPR	Maximum Output Power	500500	507000	513500	MPR	Maximum Output Power
						2502.5 MHz	2535 MHz	2567.5 MHz			2502.5 MHz	2535 MHz	2567.5 MHz		
5	DFT-s	15	π/2 BPSK	1	12	19.4	19.5	19.5	0	20	20.8	20.9	20.8	0	22

NR Band 7 Measured Results (ANT2)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						504000	507000	510000	MPR	Maximum Output Power	504000	507000	510000	MPR	Maximum Output Power
						2520 MHz	2535 MHz	2550 MHz			2520 MHz	2535 MHz	2550 MHz		
40	DFT-s	15	π/2 BPSK	1	1		18.2		0	18.8		19.1		0	19.5
				1	108		18.2		0	18.8		19.1		0	19.5
				1	214		18.1		0	18.8		19.1		0	19.5
				108	54		18.2		0	18.8		19.0		0	19.5
			QPSK	1	1		18.2		0	18.8		19.2		0	19.5
				1	108		18.2		0	18.8		19.2		0	19.5
				1	214		18.3		0	18.8		19.0		0	19.5
				108	54		18.2		0	18.8		19.1		0	19.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						503000	507000	511000	MPR	Maximum Output Power	503000	507000	511000	MPR	Maximum Output Power
						2515 MHz	2535 MHz	2555 MHz			2515 MHz	2535 MHz	2555 MHz		
30	DFT-s	15	π/2 BPSK	1	80		18.2		0	18.8		19.2		0	19.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						502500	507000	511500	MPR	Maximum Output Power	502500	507000	511500	MPR	Maximum Output Power
						2512.5 MHz	2535 MHz	2557.5 MHz			2512.5 MHz	2535 MHz	2557.5 MHz		
25	DFT-s	15	π/2 BPSK	1	66		18.2		0	18.8		19.3		0	19.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						502000	507000	512000	MPR	Maximum Output Power	502000	507000	512000	MPR	Maximum Output Power
						2510 MHz	2535 MHz	2560 MHz			2510 MHz	2535 MHz	2560 MHz		
20	DFT-s	15	π/2 BPSK	1	53	18.1	18.1	18.2	0	18.8	19.1	19.3	19.3	0	19.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						501500	507000	512500	MPR	Maximum Output Power	501500	507000	512500	MPR	Maximum Output Power
						2507.5 MHz	2535 MHz	2562.5 MHz			2507.5 MHz	2535 MHz	2562.5 MHz		
15	DFT-s	15	π/2 BPSK	1	39	18.1	18.0	18.3	0	18.8	18.9	19.1	19.2	0	19.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						501000	507000	513000	MPR	Maximum Output Power	501000	507000	513000	MPR	Maximum Output Power
						2505 MHz	2535 MHz	2565 MHz			2505 MHz	2535 MHz	2565 MHz		
10	DFT-s	15	π/2 BPSK	1	26	18.2	18.2	18.3	0	18.8	19.2	18.9	19.2	0	19.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						500500	507000	513500	MPR	Maximum Output Power	500500	507000	513500	MPR	Maximum Output Power
						2502.5 MHz	2535 MHz	2567.5 MHz			2502.5 MHz	2535 MHz	2567.5 MHz		
5	DFT-s	15	π/2 BPSK	1	12	18.2	18.3	18.3	0	18.8	19.1	19.1	19.2	0	19.5

NR Band 7 Measured Results (ANT3)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						504000	507000	510000	MPR	Maximum Output Power	504000	507000	510000	MPR	Maximum Output Power
						2520 MHz	2535 MHz	2550 MHz			2520 MHz	2535 MHz	2550 MHz		
40	DFT-s	15	π/2 BPSK	1	1		21.3		0	21.8		20.6		0	20.6
				1	108		21.3		0	21.8		20.6		0	20.6
				1	214		21.3		0	21.8		20.6		0	20.6
				108	54		21.1		0	21.8		20.5		0	20.6
			QPSK	1	1		21.5		0	21.8		20.6		0	20.6
				1	108		21.4		0	21.8		20.6		0	20.6
				1	214		21.3		0	21.8		20.6		0	20.6
				108	54		21.4		0	21.8		20.6		0	20.6

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						503000	507000	511000	MPR	Maximum Output Power	503000	507000	511000	MPR	Maximum Output Power
						2515 MHz	2535 MHz	2555 MHz			2515 MHz	2535 MHz	2555 MHz		
30	DFT-s	15	π/2 BPSK	1	80		21.5		0	21.8		20.6		0	20.6

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						502500	507000	511500	MPR	Maximum Output Power	502500	507000	511500	MPR	Maximum Output Power
						2512.5 MHz	2535 MHz	2557.5 MHz			2512.5 MHz	2535 MHz	2557.5 MHz		
25	DFT-s	15	π/2 BPSK	1	66		21.4		0	21.8		20.6		0	20.6

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						502000	507000	512000	MPR	Maximum Output Power	502000	507000	512000	MPR	Maximum Output Power
						2510 MHz	2535 MHz	2560 MHz			2510 MHz	2535 MHz	2560 MHz		
20	DFT-s	15	π/2 BPSK	1	53	21.6	21.4	21.4	0	21.8	20.6	20.6	20.6	0	20.6

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						501500	507000	512500	MPR	Maximum Output Power	501500	507000	512500	MPR	Maximum Output Power
						2507.5 MHz	2535 MHz	2562.5 MHz			2507.5 MHz	2535 MHz	2562.5 MHz		
15	DFT-s	15	π/2 BPSK	1	39	21.6	21.3	21.5	0	21.8	20.6	20.6	20.6	0	20.6

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						501000	507000	513000	MPR	Maximum Output Power	501000	507000	513000	MPR	Maximum Output Power
						2505 MHz	2535 MHz	2565 MHz			2505 MHz	2535 MHz	2565 MHz		
10	DFT-s	15	π/2 BPSK	1	26	21.5	21.3	21.4	0	21.8	20.6	20.6	20.6	0	20.6

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						500500	507000	513500	MPR	Maximum Output Power	500500	507000	513500	MPR	Maximum Output Power
						2502.5 MHz	2535 MHz	2567.5 MHz			2502.5 MHz	2535 MHz	2567.5 MHz		
5	DFT-s	15	π/2 BPSK	1	12	21.6	21.1	21.3	0	21.8	20.6	20.5	20.6	0	20.6

NR Band 7 Measured Results (ANT4)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						504000	507000	510000	MPR	Tune-up Limit	504000	507000	510000	MPR	Tune-up Limit
						2520 MHz	2535 MHz	2550 MHz			2520 MHz	2535 MHz	2550 MHz		
40	DFT-s	15	π/2 BPSK	1	1		19.8		0	20.4		20.1		0	20.4
				1	108		19.8		0	20.4		20.1		0	20.4
				1	214		19.8		0	20.4		20.1		0	20.4
				108	54		19.7		0	20.4		20.1		0	20.4
			QPSK	1	1		20.0		0	20.4		20.1		0	20.4
				1	108		19.8		0	20.4		20.1		0	20.4
				1	214		20.0		0	20.4		20.1		0	20.4
				108	54		19.8		0	20.4		20.1		0	20.4

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						503000	507000	511000	MPR	Tune-up Limit	503000	507000	511000	MPR	Tune-up Limit
						2515 MHz	2535 MHz	2555 MHz			2515 MHz	2535 MHz	2555 MHz		
30	DFT-s	15	π/2 BPSK	1	80		19.8		0	20.4		20.1		0	20.4

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						502500	507000	511500	MPR	Tune-up Limit	502500	507000	511500	MPR	Tune-up Limit
						2512.5 MHz	2535 MHz	2557.5 MHz			2512.5 MHz	2535 MHz	2557.5 MHz		
25	DFT-s	15	π/2 BPSK	1	66		19.9		0	20.4		20.1		0	20.4

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						502000	507000	512000	MPR	Tune-up Limit	502000	507000	512000	MPR	Tune-up Limit
						2510 MHz	2535 MHz	2560 MHz			2510 MHz	2535 MHz	2560 MHz		
20	DFT-s	15	π/2 BPSK	1	53	19.7	19.8	20.0	0	20.4	20.1	20.1	20.1	0	20.4

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						501500	507000	512500	MPR	Tune-up Limit	501500	507000	512500	MPR	Tune-up Limit
						2507.5 MHz	2535 MHz	2562.5 MHz			2507.5 MHz	2535 MHz	2562.5 MHz		
15	DFT-s	15	π/2 BPSK	1	39	19.7	19.9	20.0	0	20.4	20.1	20.0	20.1	0	20.4

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						501000	507000	513000	MPR	Tune-up Limit	501000	507000	513000	MPR	Tune-up Limit
						2505 MHz	2535 MHz	2565 MHz			2505 MHz	2535 MHz	2565 MHz		
10	DFT-s	15	π/2 BPSK	1	26	19.7	19.6	19.9	0	20.4	19.9	19.9	20.1	0	20.4

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						500500	507000	513500	MPR	Tune-up Limit	500500	507000	513500	MPR	Tune-up Limit
						2502.5 MHz	2535 MHz	2567.5 MHz			2502.5 MHz	2535 MHz	2567.5 MHz		
5	DFT-s	15	π/2 BPSK	1	12	19.6	19.7	19.8	0	20.4	19.8	19.7	20.1	0	20.4

NR Band 12 Measured Results (ANT1)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						141300	141500	141700	MPR	Maximum Output Power	141300	141500	141700	MPR	Maximum Output Power
						706.5 MHz	707.5 MHz	708.5 MHz			706.5 MHz	707.5 MHz	708.5 MHz		
15	DFT-s	15	π/2 BPSK	1	1		25.5		0	25.7		25.5		0	25.7
				1	39		25.6		0	25.7		25.6		0	25.7
				1	77		25.3		0	25.7		25.3		0	25.7
				36	22		25.5		0	25.7		25.5		0	25.7
			QPSK	1	1		25.6		0	25.7		25.6		0	25.7
				1	39		25.4		0	25.7		25.4		0	25.7
				1	77		25.3		0	25.7		25.3		0	25.7
				36	22		25.3		0	25.7		25.3		0	25.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						140800	141500	142200	MPR	Maximum Output Power	140800	141500	142200	MPR	Maximum Output Power
						704 MHz	707.5 MHz	711 MHz			704 MHz	707.5 MHz	711 MHz		
10	DFT-s	15	π/2 BPSK	1	26		25.4		0	25.7		25.4		0	25.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						140300	141500	142700	MPR	Maximum Output Power	140300	141500	142700	MPR	Maximum Output Power
						701.5 MHz	707.5 MHz	713.5 MHz			701.5 MHz	707.5 MHz	713.5 MHz		
5	DFT-s	15	π/2 BPSK	1	12	25.4	25.3	25.3	0	25.7	25.4	25.3	25.3	0	25.7

NR Band 12 Measured Results (ANT2)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						141300	141500	141700	MPR	Maximum Output Power	141300	141500	141700	MPR	Maximum Output Power
						706.5 MHz	707.5 MHz	708.5 MHz			706.5 MHz	707.5 MHz	708.5 MHz		
15	DFT-s	15	π/2 BPSK	1	1		24.5		0	24.7		24.5		0	24.7
				1	39		24.6		0	24.7		24.6		0	24.7
				1	77		24.5		0	24.7		24.5		0	24.7
				36	22		24.7		0	24.7		24.7		0	24.7
			QPSK	1	1		24.6		0	24.7		24.6		0	24.7
				1	39		24.4		0	24.7		24.4		0	24.7
				1	77		24.5		0	24.7		24.5		0	24.7
				36	22		24.4		0	24.7		24.4		0	24.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						140800	141500	142200	MPR	Maximum Output Power	140800	141500	142200	MPR	Maximum Output Power
						704 MHz	707.5 MHz	711 MHz			704 MHz	707.5 MHz	711 MHz		
10	DFT-s	15	π/2 BPSK	1	26		24.3		0	24.7		24.3		0	24.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						140300	141500	142700	MPR	Maximum Output Power	140300	141500	142700	MPR	Maximum Output Power
						701.5 MHz	707.5 MHz	713.5 MHz			701.5 MHz	707.5 MHz	713.5 MHz		
5	DFT-s	15	π/2 BPSK	1	12	24.3	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	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						141300	141500	141700	MPR	Maximum Output Power	141300	141500	141700	MPR	Maximum Output Power
						706.5 MHz	707.5 MHz	708.5 MHz			706.5 MHz	707.5 MHz	708.5 MHz		
15	DFT-s	15	π/2 BPSK	1	1		25.0		0	25.4		25.0		0	25.4
				1	39		25.0		0	25.4		25.0		0	25.4
				1	77		25.0		0	25.4		25.0		0	25.4
				36	22		24.9		0	25.4		24.9		0	25.4
			QPSK	1	1		25.2		0	25.4		25.2		0	25.4
				1	39		25.0		0	25.4		25.0		0	25.4
				1	77		24.9		0	25.4		24.9		0	25.4
				36	22		25.0		0	25.4		25.0		0	25.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						140800	141500	142200	MPR	Maximum Output Power	140800	141500	142200	MPR	Maximum Output Power
						704 MHz	707.5 MHz	711 MHz			704 MHz	707.5 MHz	711 MHz		
10	DFT-s	15	π/2 BPSK	1	26		24.8		0	25.4		24.8		0	25.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						140300	141500	142700	MPR	Maximum Output Power	140300	141500	142700	MPR	Maximum Output Power
						701.5 MHz	707.5 MHz	713.5 MHz			701.5 MHz	707.5 MHz	713.5 MHz		
5	DFT-s	15	π/2 BPSK	1	12	25.0	24.8	24.9	0	25.4	25.0	24.8	24.9	0	25.4

NR Band 14 Measured Results (ANT1)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						158600	158600	158600	MPR	Maximum Output Power	158600	158600	158600	MPR	Maximum Output Power
						793 MHz	793 MHz	793 MHz			793 MHz	793 MHz	793 MHz		
10	DFT-s	15	π/2 BPSK	1	1	[redacted]	25.2	[redacted]	0	25.7	[redacted]	25.2	[redacted]	0	25.7
				1	26		25.2		0	25.7		25.2		0	25.7
				1	50		25.2		0	25.7		25.2		0	25.7
				25	14		25.2		0	25.7		25.2		0	25.7
			QPSK	1	1		25.1		0	25.7		25.1		0	25.7
				1	26		25.2		0	25.7		25.2		0	25.7
				1	50		25.2		0	25.7		25.2		0	25.7
				25	14		25.1		0	25.7		25.1		0	25.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						158100	158600	159100	MPR	Maximum Output Power	158100	158600	159100	MPR	Maximum Output Power
						790.5 MHz	793 MHz	795.5 MHz			790.5 MHz	793 MHz	795.5 MHz		
5	DFT-s	15	π/2 BPSK	1	12	[redacted]	25.3	[redacted]	0	25.7	[redacted]	25.3	[redacted]	0	25.7

NR Band 14 Measured Results (ANT2)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						158600	158600	158600	MPR	Maximum Output Power	158600	158600	158600	MPR	Maximum Output Power
						793 MHz	793 MHz	793 MHz			793 MHz	793 MHz	793 MHz		
10	DFT-s	15	π/2 BPSK	1	1	[redacted]	24.0	[redacted]	0	24.5	[redacted]	24.0	[redacted]	0	24.5
				1	26		24.4		0	24.5		24.4		0	24.5
				1	50		24.1		0	24.5		24.1		0	24.5
				25	14		24.5		0	24.5		24.5		0	24.5
			QPSK	1	1		24.2		0	24.5		24.2		0	24.5
				1	26		24.2		0	24.5		24.2		0	24.5
				1	50		24.2		0	24.5		24.2		0	24.5
				25	14		24.2		0	24.5		24.2		0	24.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						158100	158600	159100	MPR	Maximum Output Power	158100	158600	159100	MPR	Maximum Output Power
						790.5 MHz	793 MHz	795.5 MHz			790.5 MHz	793 MHz	795.5 MHz		
5	DFT-s	15	π/2 BPSK	1	12	[redacted]	24.3	[redacted]	0	24.5	[redacted]	24.3	[redacted]	0	24.5

NR Band 14 Measured Results (ANT3)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						158600	158600	158600	MPR	Maximum Output Power	158600	158600	158600	MPR	Maximum Output Power
						793 MHz	793 MHz	793 MHz			793 MHz	793 MHz	793 MHz		
10	DFT-s	15	π/2 BPSK	1	1	[redacted]	25.0	[redacted]	0	25.4	[redacted]	25.0	[redacted]	0	25.4
				1	26		25.0		0	25.4		25.0		0	25.4
				1	50		25.0		0	25.4		25.0		0	25.4
				25	14		25.0		0	25.4		25.0		0	25.4
			QPSK	1	1		25.1		0	25.4		25.1		0	25.4
				1	26		25.2		0	25.4		25.2		0	25.4
				1	50		25.1		0	25.4		25.1		0	25.4
				25	14		25.1		0	25.4		25.1		0	25.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						158100	158600	159100	MPR	Maximum Output Power	158100	158600	159100	MPR	Maximum Output Power
						790.5 MHz	793 MHz	795.5 MHz			790.5 MHz	793 MHz	795.5 MHz		
5	DFT-s	15	π/2 BPSK	1	12	[redacted]	25.2	[redacted]	0	25.4	[redacted]	25.2	[redacted]	0	25.4

NR Band 25 Measured Results (ANT1)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						374000	376500	379000	MPR	Maximum Output Power	374000	376500	379000	MPR	Maximum Output Power
						1870 MHz	1882.5 MHz	1895 MHz			1870 MHz	1882.5 MHz	1895 MHz		
40	DFT-s	15	π/2 BPSK	1	1		25.7		0	25.7		19.2		0	19.7
				1	108		25.7		0	25.7		19.3		0	19.7
				1	214		25.7		0	25.7		19.3		0	19.7
				108	54		25.7		0	25.7		19.3		0	19.7
			QPSK	1	1		25.7		0	25.7		19.3		0	19.7
				1	108		25.7		0	25.7		19.4		0	19.7
				1	214		25.7		0	25.7		19.3		0	19.7
				108	54		25.7		0	25.7		19.3		0	19.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						373500	376500	379500	MPR	Maximum Output Power	373500	376500	379500	MPR	Maximum Output Power
						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		25.7		0	25.7		19.3		0	19.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						373000	376500	380000	MPR	Maximum Output Power	373000	376500	380000	MPR	Maximum Output Power
						1865 MHz	1882.5 MHz	1900 MHz			1865 MHz	1882.5 MHz	1900 MHz		
30	DFT-s	15	π/2 BPSK	1	80		25.7		0	25.7		19.3		0	19.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						372500	376500	380500	MPR	Maximum Output Power	372500	376500	380500	MPR	Maximum Output Power
						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		25.6		0	25.7		18.9		0	19.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						372000	376500	381000	MPR	Maximum Output Power	372000	376500	381000	MPR	Maximum Output Power
						1860 MHz	1882.5 MHz	1905 MHz			1860 MHz	1882.5 MHz	1905 MHz		
20	DFT-s	15	π/2 BPSK	1	53	25.7	25.7	25.7	0	25.7	19.2	19.2	19.0	0	19.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						371500	376500	381500	MPR	Maximum Output Power	371500	376500	381500	MPR	Maximum Output Power
						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	25.7	25.7	25.7	0	25.7	19.0	19.2	19.0	0	19.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						371000	376500	382000	MPR	Maximum Output Power	371000	376500	382000	MPR	Maximum Output Power
						1855 MHz	1882.5 MHz	1910 MHz			1855 MHz	1882.5 MHz	1910 MHz		
10	DFT-s	15	π/2 BPSK	1	26	25.6	25.6	25.7	0	25.7	19.0	19.1	19.1	0	19.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						370500	376500	382500	MPR	Maximum Output Power	370500	376500	382500	MPR	Maximum Output Power
						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	25.6	25.6	25.7	0	25.7	19.2	19.1	19.1	0	19.7

NR Band 25 Measured Results (ANT2)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						374000	376500	379000	MPR	Maximum Output Power	374000	376500	379000	MPR	Maximum Output Power
						1870 MHz	1882.5 MHz	1895 MHz			1870 MHz	1882.5 MHz	1895 MHz		
40	DFT-s	15	π/2 BPSK	1	1		20.1		0	20.8		19.6		0	20.1
				1	108		20.1		0	20.8		19.6		0	20.1
				1	214		19.8		0	20.8		19.5		0	20.1
				108	54		20.1		0	20.8		19.5		0	20.1
			QPSK	1	1		20.1		0	20.8		19.8		0	20.1
				1	108		20.2		0	20.8		19.5		0	20.1
				1	214		20.1		0	20.8		19.7		0	20.1
				108	54		20.1		0	20.8		19.6		0	20.1
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						373500	376500	379500	MPR	Maximum Output Power	373500	376500	379500	MPR	Maximum Output Power
						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		20.1		0	20.8		19.6		0	20.1
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						373000	376500	380000	MPR	Maximum Output Power	373000	376500	380000	MPR	Maximum Output Power
						1865 MHz	1882.5 MHz	1900 MHz			1865 MHz	1882.5 MHz	1900 MHz		
30	DFT-s	15	π/2 BPSK	1	80		20.1		0	20.8		19.7		0	20.1
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						372500	376500	380500	MPR	Maximum Output Power	372500	376500	380500	MPR	Maximum Output Power
						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		20.1		0	20.8		19.6		0	20.1
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						372000	376500	381000	MPR	Maximum Output Power	372000	376500	381000	MPR	Maximum Output Power
						1860 MHz	1882.5 MHz	1905 MHz			1860 MHz	1882.5 MHz	1905 MHz		
20	DFT-s	15	π/2 BPSK	1	53	20.2	20.1	20.1	0	20.8	19.7	19.7	19.6	0	20.1
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						371500	376500	381500	MPR	Maximum Output Power	371500	376500	381500	MPR	Maximum Output Power
						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	20.1	20.1	20.1	0	20.8	19.5	19.6	19.5	0	20.1
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						371000	376500	382000	MPR	Maximum Output Power	371000	376500	382000	MPR	Maximum Output Power
						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	20.2	0	20.8	19.6	19.6	19.6	0	20.1
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						370500	376500	382500	MPR	Maximum Output Power	370500	376500	382500	MPR	Maximum Output Power
						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	20.2	20.2	0	20.8	19.6	19.6	19.5	0	20.1

NR Band 25 Measured Results (ANT3)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						374000	376500	379000	MPR	Maximum Output Power	374000	376500	379000	MPR	Maximum Output Power
						1870 MHz	1882.5 MHz	1895 MHz			1870 MHz	1882.5 MHz	1895 MHz		
40	DFT-s	15	π/2 BPSK	1	1		22.9		0	23.3		21.4		0	22
				1	108		23.2		0	23.3		21.7		0	22
				1	214		23.1		0	23.3		21.4		0	22
				108	54		23.1		0	23.3		21.6		0	22
			QPSK	1	1		22.9		0	23.3		21.5		0	22
				1	108		22.9		0	23.3		21.5		0	22
				1	214		23.0		0	23.3		21.5		0	22
				108	54		23.0		0	23.3		21.5		0	22
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						373500	376500	379500	MPR	Maximum Output Power	373500	376500	379500	MPR	Maximum Output Power
						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		22.9		0	23.3		21.6		0	22
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						373000	376500	380000	MPR	Maximum Output Power	373000	376500	380000	MPR	Maximum Output Power
						1865 MHz	1882.5 MHz	1900 MHz			1865 MHz	1882.5 MHz	1900 MHz		
30	DFT-s	15	π/2 BPSK	1	80		22.9		0	23.3		21.6		0	22
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						372500	376500	380500	MPR	Maximum Output Power	372500	376500	380500	MPR	Maximum Output Power
						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		23.0		0	23.3		21.6		0	22
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						372000	376500	381000	MPR	Maximum Output Power	372000	376500	381000	MPR	Maximum Output Power
						1860 MHz	1882.5 MHz	1905 MHz			1860 MHz	1882.5 MHz	1905 MHz		
20	DFT-s	15	π/2 BPSK	1	53	22.9	22.9	23.0	0	23.3	21.6	21.5	21.6	0	22
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						371500	376500	381500	MPR	Maximum Output Power	371500	376500	381500	MPR	Maximum Output Power
						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	22.9	23.0	23.1	0	23.3	21.5	21.5	21.5	0	22
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						371000	376500	382000	MPR	Maximum Output Power	371000	376500	382000	MPR	Maximum Output Power
						1855 MHz	1882.5 MHz	1910 MHz			1855 MHz	1882.5 MHz	1910 MHz		
10	DFT-s	15	π/2 BPSK	1	26	23.0	23.0	23.0	0	23.3	21.5	21.4	21.5	0	22
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						370500	376500	382500	MPR	Maximum Output Power	370500	376500	382500	MPR	Maximum Output Power
						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	23.0	22.9	23.0	0	23.3	21.4	21.6	21.5	0	22

NR Band 25 Measured Results (ANT4)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						374000	376500	379000	MPR	Tune-up Limit	374000	376500	379000	MPR	Tune-up Limit
						1870 MHz	1882.5 MHz	1895 MHz			1870 MHz	1882.5 MHz	1895 MHz		
40	DFT-s	15	π/2 BPSK	1	1		20.6		0	21.1		21.3		0	21.8
				1	108		20.6		0	21.1		21.5		0	21.8
				1	214		20.4		0	21.1		21.5		0	21.8
				108	54		20.6		0	21.1		21.4		0	21.8
			QPSK	1	1		20.6		0	21.1		21.3		0	21.8
				1	108		20.6		0	21.1		21.5		0	21.8
				1	214		20.4		0	21.1		21.3		0	21.8
				108	54		20.6		0	21.1		21.5		0	21.8
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						373500	376500	379500	MPR	Tune-up Limit	373500	376500	379500	MPR	Tune-up Limit
						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		20.7		0	21.1		21.5		0	21.8
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						373000	376500	380000	MPR	Tune-up Limit	373000	376500	380000	MPR	Tune-up Limit
						1865 MHz	1882.5 MHz	1900 MHz			1865 MHz	1882.5 MHz	1900 MHz		
30	DFT-s	15	π/2 BPSK	1	80		20.7		0	21.1		21.4		0	21.8
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						372500	376500	380500	MPR	Tune-up Limit	372500	376500	380500	MPR	Tune-up Limit
						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		21.5		0	21.8
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						372000	376500	381000	MPR	Tune-up Limit	372000	376500	381000	MPR	Tune-up Limit
						1860 MHz	1882.5 MHz	1905 MHz			1860 MHz	1882.5 MHz	1905 MHz		
20	DFT-s	15	π/2 BPSK	1	53	20.6	20.6	20.4	0	21.1	21.4	21.5	21.3	0	21.8
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						371500	376500	381500	MPR	Tune-up Limit	371500	376500	381500	MPR	Tune-up Limit
						1857.5 MHz	1882.5 MHz	1907.5 MHz			1857.5 MHz	1882.5 MHz	1907.5 MHz		
15	DFT-s	15	π/2 BPSK	1	39	20.5	20.6	20.3	0	21.1	21.3	21.5	21.2	0	21.8
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						371000	376500	382000	MPR	Tune-up Limit	371000	376500	382000	MPR	Tune-up Limit
						1855 MHz	1882.5 MHz	1910 MHz			1855 MHz	1882.5 MHz	1910 MHz		
10	DFT-s	15	π/2 BPSK	1	26	20.4	20.5	20.2	0	21.1	21.3	21.3	21.1	0	21.8
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						370500	376500	382500	MPR	Tune-up Limit	370500	376500	382500	MPR	Tune-up Limit
						1852.5 MHz	1882.5 MHz	1912.5 MHz			1852.5 MHz	1882.5 MHz	1912.5 MHz		
5	DFT-s	15	π/2 BPSK	1	12	20.3	20.4	20.1	0	21.1	21.3	21.2	21.0	0	21.8

NR Band 26 Measured Results (ANT1)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						164800	166300	167800	MPR	Maximum Output Power	164800	166300	167800	MPR	Maximum Output Power
						824 MHz	831.5 MHz	839 MHz			824 MHz	831.5 MHz	839 MHz		
20	DFT-s	15	π/2 BPSK	1	1	[redacted]	25.5	[redacted]	0	25.7	[redacted]	25.5	[redacted]	0	25.7
				1	53		25.5		0	25.7		25.5		0	25.7
				1	104		25.4		0	25.7		25.4		0	25.7
				50	28		25.5		0	25.7		25.5		0	25.7
			QPSK	1	1		25.5		0	25.7		25.5		0	25.7
				1	53		25.5		0	25.7		25.5		0	25.7
				1	104		25.4		0	25.7		25.4		0	25.7
				50	28		25.4		0	25.7		25.4		0	25.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						164300	166300	168300	MPR	Maximum Output Power	164300	166300	168300	MPR	Maximum Output Power
						821.5 MHz	831.5 MHz	841.5 MHz			821.5 MHz	831.5 MHz	841.5 MHz		
15	DFT-s	15	π/2 BPSK	1	39	25.5	25.5	25.5	0	25.7	25.5	25.5	25.5	0	25.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						163800	166300	168800	MPR	Maximum Output Power	163800	166300	168800	MPR	Maximum Output Power
						819 MHz	831.5 MHz	844 MHz			819 MHz	831.5 MHz	844 MHz		
10	DFT-s	15	π/2 BPSK	1	26	25.4	25.4	25.4	0	25.7	25.4	25.4	25.4	0	25.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						163300	166300	169300	MPR	Maximum Output Power	163300	166300	169300	MPR	Maximum Output Power
						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	25.4	25.5	25.4	0	25.7	25.4	25.5	25.4	0	25.7

NR Band 26 Measured Results (ANT2)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						164800	166300	167800	MPR	Maximum Output Power	164800	166300	167800	MPR	Maximum Output Power
						824 MHz	831.5 MHz	839 MHz			824 MHz	831.5 MHz	839 MHz		
20	DFT-s	15	π/2 BPSK	1	1	[redacted]	24.3	[redacted]	0	24.5	[redacted]	24.5	[redacted]	0	24.7
				1	53		24.5		0	24.5		24.5		0	24.7
				1	104		24.3		0	24.5		24.4		0	24.7
				50	28		24.4		0	24.5		24.6		0	24.7
			QPSK	1	1		24.4		0	24.5		24.3		0	24.7
				1	53		24.5		0	24.5		24.5		0	24.7
				1	104		24.2		0	24.5		24.6		0	24.7
				50	28		24.3		0	24.5		24.5		0	24.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						164300	166300	168300	MPR	Maximum Output Power	164300	166300	168300	MPR	Maximum Output Power
						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	24.0	24.2	24.1	0	24.5	24.5	24.4	24.4	0	24.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						163800	166300	168800	MPR	Maximum Output Power	163800	166300	168800	MPR	Maximum Output Power
						819 MHz	831.5 MHz	844 MHz			819 MHz	831.5 MHz	844 MHz		
10	DFT-s	15	π/2 BPSK	1	26	24.2	24.2	24.0	0	24.5	24.4	24.3	24.2	0	24.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						163300	166300	169300	MPR	Maximum Output Power	163300	166300	169300	MPR	Maximum Output Power
						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	24.4	24.2	0	24.5	24.4	24.4	24.3	0	24.7

NR Band 26 Measured Results (ANT3)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						164800	166300	167800	MPR	Maximum Output Power	164800	166300	167800	MPR	Maximum Output Power
						824 MHz	831.5 MHz	839 MHz			824 MHz	831.5 MHz	839 MHz		
20	DFT-s	15	π/2 BPSK	1	1	[redacted]	25.2	[redacted]	0	25.4	[redacted]	25.2	[redacted]	0	25.3
				1	53		25.2		0	25.4		25.2		0	25.3
				1	104		25.2		0	25.4		25.2		0	25.3
				50	28		25.2		0	25.4		25.1		0	25.3
			QPSK	1	1		25.3		0	25.4		25.2		0	25.3
				1	53		25.4		0	25.4		25.2		0	25.3
				1	104		25.3		0	25.4		25.2		0	25.3
				50	28		25.4		0	25.4		25.3		0	25.3
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						164300	166300	168300	MPR	Maximum Output Power	164300	166300	168300	MPR	Maximum Output Power
						821.5 MHz	831.5 MHz	841.5 MHz			821.5 MHz	831.5 MHz	841.5 MHz		
15	DFT-s	15	π/2 BPSK	1	39	25.3	25.4	25.4	0	25.4	25.2	25.2	25.2	0	25.3
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						163800	166300	168800	MPR	Maximum Output Power	163800	166300	168800	MPR	Maximum Output Power
						819 MHz	831.5 MHz	844 MHz			819 MHz	831.5 MHz	844 MHz		
10	DFT-s	15	π/2 BPSK	1	26	25.3	25.3	25.3	0	25.4	25.1	25.1	25.1	0	25.3
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						163300	166300	169300	MPR	Maximum Output Power	163300	166300	169300	MPR	Maximum Output Power
						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	25.3	25.3	25.2	0	25.4	25.0	25.2	25.2	0	25.3

NR Band 30 Measured Results (ANT1)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						462000	462000	462000	MPR	Maximum Output Power	462000	462000	462000	MPR	Maximum Output Power
						2310 MHz	2310 MHz	2310 MHz			2310 MHz	2310 MHz	2310 MHz		
10	DFT-s	15	π/2 BPSK	1	1		25.1		0	25.2		23.5		0	24.3
				1	26		25.2		0	25.2		23.6		0	24.3
				1	50		25.0		0	25.2		23.4		0	24.3
				25	14		25.2		0	25.2		23.6		0	24.3
			QPSK	1	1		25.0		0	25.2		23.6		0	24.3
				1	26		25.0		0	25.2		23.7		0	24.3
				1	50		25.1		0	25.2		23.4		0	24.3
				25	14		25.0		0	25.2		23.5		0	24.3
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						461500	462000	462500	MPR	Maximum Output Power	461500	462000	462500	MPR	Maximum Output Power
						2307.5 MHz	2310 MHz	2312.5 MHz			2307.5 MHz	2310 MHz	2312.5 MHz		
5	DFT-s	15	π/2 BPSK	1	12		25.1		0	25.2		23.6		0	24.3

NR Band 30 Measured Results (ANT2)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						462000	462000	462000	MPR	Maximum Output Power	462000	462000	462000	MPR	Maximum Output Power
						2310 MHz	2310 MHz	2310 MHz			2310 MHz	2310 MHz	2310 MHz		
10	DFT-s	15	π/2 BPSK	1	1		21.7		0	22.3		22.4		0	23
				1	26		21.8		0	22.3		22.5		0	23
				1	50		21.6		0	22.3		22.3		0	23
				25	14		21.8		0	22.3		22.5		0	23
			QPSK	1	1		21.7		0	22.3		22.5		0	23
				1	26		21.8		0	22.3		22.4		0	23
				1	50		21.7		0	22.3		22.3		0	23
				25	14		21.7		0	22.3		22.3		0	23
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						461500	462000	462500	MPR	Maximum Output Power	461500	462000	462500	MPR	Maximum Output Power
						2307.5 MHz	2310 MHz	2312.5 MHz			2307.5 MHz	2310 MHz	2312.5 MHz		
5	DFT-s	15	π/2 BPSK	1	12		21.7		0	22.3		22.4		0	23

NR Band 30 Measured Results (ANT3)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						462000	462000	462000	MPR	Maximum Output Power	462000	462000	462000	MPR	Maximum Output Power
						2310 MHz	2310 MHz	2310 MHz			2310 MHz	2310 MHz	2310 MHz		
10	DFT-s	15	π/2 BPSK	1	1		21.6		0	21.6		19.6		0	20
				1	26		21.6		0	21.6		19.8		0	20
				1	50		21.6		0	21.6		19.7		0	20
				25	14		21.6		0	21.6		19.7		0	20
			QPSK	1	1		21.6		0	21.6		19.7		0	20
				1	26		21.6		0	21.6		19.8		0	20
				1	50		21.6		0	21.6		19.7		0	20
				25	14		21.6		0	21.6		19.7		0	20
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						461500	462000	462500	MPR	Maximum Output Power	461500	462000	462500	MPR	Maximum Output Power
						2307.5 MHz	2310 MHz	2312.5 MHz			2307.5 MHz	2310 MHz	2312.5 MHz		
5	DFT-s	15	π/2 BPSK	1	12		21.6		0	21.6		19.7		0	20

NR Band 30 Measured Results (ANT4)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						462000	462000	462000	MPR	Tune-up Limit	462000	462000	462000	MPR	Tune-up Limit
						2310 MHz	2310 MHz	2310 MHz			2310 MHz	2310 MHz	2310 MHz		
10	DFT-s	15	π/2 BPSK	1	1		21.0		0	21.5		18.9		0	19.9
				1	26		21.0		0	21.5		18.9		0	19.9
				1	50		21.0		0	21.5		18.9		0	19.9
				25	14		20.9		0	21.5		18.8		0	19.9
			QPSK	1	1		21.0		0	21.5		18.9		0	19.9
				1	26		21.1		0	21.5		19.0		0	19.9
				1	50		21.0		0	21.5		19.0		0	19.9
				25	14		21.1		0	21.5		19.3		0	19.9
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						461500	462000	462500	MPR	Tune-up Limit	461500	462000	462500	MPR	Tune-up Limit
						2307.5 MHz	2310 MHz	2312.5 MHz			2307.5 MHz	2310 MHz	2312.5 MHz		
5	DFT-s	15	π/2 BPSK	1	12		21.1		0	21.5		19.1		0	19.9

NR Band 41 Measured Results (ANT1)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)								Reduced Average Power (dBm)							
						509196	510000	513894	518598	523296	527994	MPR	Maximum Output Power	509196	510000	513894	518598	523296	527994	MPR	Maximum Output Power
						2545.98 MHz	2550 MHz	2569.47 MHz	2592.99 MHz	2616.48 MHz	2639.97 MHz			2545.98 MHz	2550 MHz	2569.47 MHz	2592.99 MHz	2616.48 MHz	2639.97 MHz		
100	DFT-s	30	π/2 BPSK	1	1				24.5			0	24.5				20.5			0	20.8
				1	136				24.5			0	24.5				20.5			0	20.8
				1	271				24.4			0	24.5				20.4			0	20.8
				135	69				24.5			0	24.5				20.5			0	20.8
			QPSK	1	1				24.4			0	24.5				20.5			0	20.8
				1	136				24.5			0	24.5				20.5			0	20.8
				1	271				24.5			0	24.5				20.4			0	20.8
				135	69				24.5			0	24.5				20.5			0	20.8

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)								Reduced Average Power (dBm)							
						508200	508998	513396	518598	523794	528996	MPR	Maximum Output Power	508200	508998	513396	518598	523794	528996	MPR	Maximum Output Power
						2541 MHz	2544.99 MHz	2566.98 MHz	2592.99 MHz	2618.97 MHz	2644.98 MHz			2541 MHz	2544.99 MHz	2566.98 MHz	2592.99 MHz	2618.97 MHz	2644.98 MHz		
90	DFT-s	30	π/2 BPSK	1	122				24.3			0	24.5				20.5			0	20.8

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)								Reduced Average Power (dBm)							
						507198	507996	512898	518598	524292	529992	MPR	Maximum Output Power	507198	507996	512898	518598	524292	529992	MPR	Maximum Output Power
						2535.99 MHz	2539.98 MHz	2564.49 MHz	2592.99 MHz	2621.46 MHz	2649.96 MHz			2535.99 MHz	2539.98 MHz	2564.49 MHz	2592.99 MHz	2621.46 MHz	2649.96 MHz		
80	DFT-s	30	π/2 BPSK	1	108				24.3			0	24.5				20.5			0	20.8

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)								Reduced Average Power (dBm)							
						506196	507000	512394	518598	524796	530994	MPR	Maximum Output Power	506196	507000	512394	518598	524796	530994	MPR	Maximum Output Power
						2530.98 MHz	2535 MHz	2561.97 MHz	2592.99 MHz	2623.98 MHz	2654.97 MHz			2530.98 MHz	2535 MHz	2561.97 MHz	2592.99 MHz	2623.98 MHz	2654.97 MHz		
70	DFT-s	30	π/2 BPSK	1	94				24.4			0	24.5				20.5			0	20.8

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)								Reduced Average Power (dBm)							
						505200	505998	511896	518598	525294	531996	MPR	Maximum Output Power	505200	505998	511896	518598	525294	531996	MPR	Maximum Output Power
						2526 MHz	2529.99 MHz	2559.48 MHz	2592.99 MHz	2626.47 MHz	2659.98 MHz			2526 MHz	2529.99 MHz	2559.48 MHz	2592.99 MHz	2626.47 MHz	2659.98 MHz		
60	DFT-s	30	π/2 BPSK	1	81				24.4			0	24.5				20.5			0	20.8

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)								Reduced Average Power (dBm)							
						504198	504996	511398	518598	525792	532992	MPR	Maximum Output Power	504198	504996	511398	518598	525792	532992	MPR	Maximum Output Power
						2520.99 MHz	2524.98 MHz	2556.99 MHz	2592.99 MHz	2628.96 MHz	2664.96 MHz			2520.99 MHz	2524.98 MHz	2556.99 MHz	2592.99 MHz	2628.96 MHz	2664.96 MHz		
50	DFT-s	30	π/2 BPSK	1	66				24.3			0	24.5				20.5			0	20.8

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)								Reduced Average Power (dBm)							
						503196	504000	510894	518598	526296	533994	MPR	Maximum Output Power	503196	504000	510894	518598	526296	533994	MPR	Maximum Output Power
						2515.98 MHz	2520 MHz	2554.47 MHz	2592.99 MHz	2631.48 MHz	2669.97 MHz			2515.98 MHz	2520 MHz	2554.47 MHz	2592.99 MHz	2631.48 MHz	2669.97 MHz		
40	DFT-s	30	π/2 BPSK	1	53				24.3			0	24.5				20.5			0	20.8

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)								Reduced Average Power (dBm)							
						502200	502998	510396	518598	526794	534996	MPR	Maximum Output Power	502200	502998	510396	518598	526794	534996	MPR	Maximum Output Power
						2511 MHz	2514.99 MHz	2551.98 MHz	2592.99 MHz	2633.97 MHz	2674.98 MHz			2511 MHz	2514.99 MHz	2551.98 MHz	2592.99 MHz	2633.97 MHz	2674.98 MHz		
30	DFT-s	30	π/2 BPSK	1	39	24.3	24.3	24.4	24.4	24.4	24.5	0	24.5	20.5	20.5	20.5	20.5	20.5	20.5	0	20.8

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)								Reduced Average Power (dBm)							
						501198	501996	509898	518598	527292	535992	MPR	Maximum Output Power	501198	501996	509898	518598	527292	535992	MPR	Maximum Output Power
						2505.99 MHz	2509.98 MHz	2549.49 MHz	2592.99 MHz	2636.46 MHz	2679.96 MHz			2505.99 MHz	2509.98 MHz	2549.49 MHz	2592.99 MHz	2636.46 MHz	2679.96 MHz		
20	DFT-s	30	π/2 BPSK	1	25	24.2	24.3	24.4	24.4	24.5	24.5	0	24.5	20.5	20.5	20.5	20.5	20.5	20.5	0	20.8

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)								Reduced Average Power (dBm)							
						500700	501498	509646	518598	527544	536496	MPR	Maximum Output Power	500700	501498	509646	518598	527544	536496	MPR	Maximum Output Power
						2503.5 MHz	2507.49 MHz	2548.23 MHz	2592.99 MHz	2637.72 MHz	2682.48 MHz			2503.5 MHz	2507.49 MHz	2548.23 MHz	2592.99 MHz	2637.72 MHz	2682.48 MHz		
15	DFT-s	30	π/2 BPSK	1	19	24.2	24.3	24.4	24.4	24.5	24.5	0	24.5	20.5	20.5	20.5	20.5	20.5	20.5	0	20.8

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)								Reduced Average Power (dBm)							
						500196	501000	509394	518598	527796	536994	MPR	Maximum Output Power	500196	501000	509394	518598	527796	536994	MPR	Maximum Output Power
						2500.98 MHz	2505 MHz	2546.97 MHz	2592.99 MHz	2638.98 MHz	2684.97 MHz			2500.98 MHz	2505 MHz	2546.97 MHz	2592.99 MHz	2638.98 MHz	2684.97 MHz		
10	DFT-s	30	π/2 BPSK	1	12	24.2	24.3	24.3	24.4	24.4	24.5	0	24.5	20.5	20.5	20.5	20.5	20.5	20.5	0	20.8

NR Band 41 Measured Results (ANT2)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)								Reduced Average Power (dBm)							
						509196	510000	513894	518598	523296	527994	MPR	Maximum Output Power	509196	510000	513894	518598	523296	527994	MPR	Maximum Output Power
						2545.98 MHz	2550 MHz	2569.47 MHz	2592.99 MHz	2616.48 MHz	2639.97 MHz			2545.98 MHz	2550 MHz	2569.47 MHz	2592.99 MHz	2616.48 MHz	2639.97 MHz		
100	DFT-s	30	π/2 BPSK	1	1				17.9			0	18.6				18.6			0	19.2
				1	136				17.9			0	18.6				18.7			0	19.2
				1	271				17.9			0	18.6				18.7			0	19.2
				135	69				17.8			0	18.6				18.6			0	19.2
			QPSK	1	1				18.1			0	18.6				18.7			0	19.2
				1	136				18.0			0	18.6				18.6			0	19.2
				1	271				17.9			0	18.6				18.8			0	19.2
				135	69				17.9			0	18.6				18.6			0	19.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)								Reduced Average Power (dBm)							
						508200	508998	513396	518598	523794	528996	MPR	Maximum Output Power	508200	508998	513396	518598	523794	528996	MPR	Maximum Output Power
						2541 MHz	2544.99 MHz	2566.98 MHz	2592.99 MHz	2618.97 MHz	2644.98 MHz			2541 MHz	2544.99 MHz	2566.98 MHz	2592.99 MHz	2618.97 MHz	2644.98 MHz		
90	DFT-s	30	π/2 BPSK	1	122				18.1			0	18.6				18.7			0	19.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)								Reduced Average Power (dBm)							
						507198	507996	512898	518598	524292	529992	MPR	Maximum Output Power	507198	507996	512898	518598	524292	529992	MPR	Maximum Output Power
						2535.99 MHz	2539.98 MHz	2564.49 MHz	2592.99 MHz	2621.46 MHz	2649.96 MHz			2535.99 MHz	2539.98 MHz	2564.49 MHz	2592.99 MHz	2621.46 MHz	2649.96 MHz		
80	DFT-s	30	π/2 BPSK	1	108				18.0			0	18.6				18.6			0	19.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)								Reduced Average Power (dBm)							
						506196	507000	512394	518598	524796	530994	MPR	Maximum Output Power	506196	507000	512394	518598	524796	530994	MPR	Maximum Output Power
						2530.98 MHz	2535 MHz	2561.97 MHz	2592.99 MHz	2623.98 MHz	2654.97 MHz			2530.98 MHz	2535 MHz	2561.97 MHz	2592.99 MHz	2623.98 MHz	2654.97 MHz		
70	DFT-s	30	π/2 BPSK	1	94				18.1			0	18.6				18.6			0	19.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)								Reduced Average Power (dBm)							
						505200	505998	511896	518598	525294	531996	MPR	Maximum Output Power	505200	505998	511896	518598	525294	531996	MPR	Maximum Output Power
						2526 MHz	2529.99 MHz	2559.48 MHz	2592.99 MHz	2626.47 MHz	2659.98 MHz			2526 MHz	2529.99 MHz	2559.48 MHz	2592.99 MHz	2626.47 MHz	2659.98 MHz		
60	DFT-s	30	π/2 BPSK	1	81				17.9			0	18.6				18.5			0	19.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)								Reduced Average Power (dBm)							
						504198	504996	511398	518598	525792	532992	MPR	Maximum Output Power	504198	504996	511398	518598	525792	532992	MPR	Maximum Output Power
						2520.99 MHz	2524.98 MHz	2556.99 MHz	2592.99 MHz	2628.96 MHz	2664.96 MHz			2520.99 MHz	2524.98 MHz	2556.99 MHz	2592.99 MHz	2628.96 MHz	2664.96 MHz		
50	DFT-s	30	π/2 BPSK	1	66				17.9			0	18.6				18.6			0	19.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)								Reduced Average Power (dBm)							
						503196	504000	510894	518598	526296	533994	MPR	Maximum Output Power	503196	504000	510894	518598	526296	533994	MPR	Maximum Output Power
						2515.98 MHz	2520 MHz	2554.47 MHz	2592.99 MHz	2631.48 MHz	2669.97 MHz			2515.98 MHz	2520 MHz	2554.47 MHz	2592.99 MHz	2631.48 MHz	2669.97 MHz		
40	DFT-s	30	π/2 BPSK	1	53				18.0			0	18.6				18.7			0	19.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)								Reduced Average Power (dBm)							
						502200	502998	510396	518598	526794	534996	MPR	Maximum Output Power	502200	502998	510396	518598	526794	534996	MPR	Maximum Output Power
						2511 MHz	2514.99 MHz	2551.98 MHz	2592.99 MHz	2633.97 MHz	2674.98 MHz			2511 MHz	2514.99 MHz	2551.98 MHz	2592.99 MHz	2633.97 MHz	2674.98 MHz		
30	DFT-s	30	π/2 BPSK	1	39	18.0	17.9	18.0	18.0	18.0	17.8	0	18.6	18.7	18.6	18.8	18.8	18.6	18.7	0	19.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)								Reduced Average Power (dBm)							
						501198	501996	509898	518598	527292	535992	MPR	Maximum Output Power	501198	501996	509898	518598	527292	535992	MPR	Maximum Output Power
						2505.99 MHz	2509.98 MHz	2549.49 MHz	2592.99 MHz	2636.46 MHz	2679.96 MHz			2505.99 MHz	2509.98 MHz	2549.49 MHz	2592.99 MHz	2636.46 MHz	2679.96 MHz		
20	DFT-s	30	π/2 BPSK	1	25	18.1	18.0	18.0	18.0	17.9	18.1	0	18.6	18.8	18.6	18.6	18.7	18.7	18.6	0	19.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)								Reduced Average Power (dBm)							
						500700	501498	509646	518598	527544	536496	MPR	Maximum Output Power	500700	501498	509646	518598	527544	536496	MPR	Maximum Output Power
						2503.5 MHz	2507.49 MHz	2548.23 MHz	2592.99 MHz	2637.72 MHz	2682.48 MHz			2503.5 MHz	2507.49 MHz	2548.23 MHz	2592.99 MHz	2637.72 MHz	2682.48 MHz		
15	DFT-s	30	π/2 BPSK	1	19	18.1	18.2	18.0	18.1	17.9	18.0	0	18.6	18.7	18.6	18.8	18.6	18.6	18.7	0	19.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)								Reduced Average Power (dBm)							
						500196	501000	509394	518598	527796	536994	MPR	Maximum Output Power	500196	501000	509394	518598	527796	536994	MPR	Maximum Output Power
						2500.98 MHz	2505 MHz	2546.97 MHz	2592.99 MHz	2638.98 MHz	2684.97 MHz			2500.98 MHz	2505 MHz	2546.97 MHz	2592.99 MHz	2638.98 MHz	2684.97 MHz		
10	DFT-s	30	π/2 BPSK	1	12	18.0	18.0	18.0	18.0	18.1	17.9	0	18.6	18.8	18.6	18.6	18.7	18.6	18.8	0	19.2

NR Band 41 Measured Results (ANT3)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)								Reduced Average Power (dBm)							
						509196	510000	513894	518598	523296	527994	MPR	Maximum Output Power	509196	510000	513894	518598	523296	527994	MPR	Maximum Output Power
						2545.98 MHz	2550 MHz	2569.47 MHz	2592.99 MHz	2616.48 MHz	2639.97 MHz			2545.98 MHz	2550 MHz	2569.47 MHz	2592.99 MHz	2616.48 MHz	2639.97 MHz		
100	DFT-s	30	π/2 BPSK	1	1				22.6			0	22.8				18.4			0	18.5
				1	136				22.7			0	22.8				18.5			0	18.5
				1	271				22.5			0	22.8				18.4			0	18.5
				135	69				22.6			0	22.8				18.5			0	18.5
			QPSK	1	1				22.5			0	22.8				18.5			0	18.5
				1	136				22.4			0	22.8				18.4			0	18.5
				1	271				22.5			0	22.8				18.5			0	18.5
				135	69				22.5			0	22.8				18.4			0	18.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)								Reduced Average Power (dBm)							
						508200	508998	513396	518598	523794	528996	MPR	Maximum Output Power	508200	508998	513396	518598	523794	528996	MPR	Maximum Output Power
						2541 MHz	2544.99 MHz	2566.98 MHz	2592.99 MHz	2618.97 MHz	2644.98 MHz			2541 MHz	2544.99 MHz	2566.98 MHz	2592.99 MHz	2618.97 MHz	2644.98 MHz		
90	DFT-s	30	π/2 BPSK	1	122				22.5			0	22.8				18.2			0	18.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)								Reduced Average Power (dBm)							
						507198	507996	512898	518598	524292	529992	MPR	Maximum Output Power	507198	507996	512898	518598	524292	529992	MPR	Maximum Output Power
						2535.99 MHz	2539.98 MHz	2564.49 MHz	2592.99 MHz	2621.46 MHz	2649.96 MHz			2535.99 MHz	2539.98 MHz	2564.49 MHz	2592.99 MHz	2621.46 MHz	2649.96 MHz		
80	DFT-s	30	π/2 BPSK	1	108				22.6			0	22.8				18.4			0	18.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)								Reduced Average Power (dBm)							
						506196	507000	512394	518598	524796	530994	MPR	Maximum Output Power	506196	507000	512394	518598	524796	530994	MPR	Maximum Output Power
						2530.98 MHz	2535 MHz	2561.97 MHz	2592.99 MHz	2623.98 MHz	2654.97 MHz			2530.98 MHz	2535 MHz	2561.97 MHz	2592.99 MHz	2623.98 MHz	2654.97 MHz		
70	DFT-s	30	π/2 BPSK	1	94				22.5			0	22.8				18.3			0	18.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)								Reduced Average Power (dBm)							
						505200	505998	511896	518598	525294	531996	MPR	Maximum Output Power	505200	505998	511896	518598	525294	531996	MPR	Maximum Output Power
						2526 MHz	2529.99 MHz	2559.48 MHz	2592.99 MHz	2626.47 MHz	2659.98 MHz			2526 MHz	2529.99 MHz	2559.48 MHz	2592.99 MHz	2626.47 MHz	2659.98 MHz		
60	DFT-s	30	π/2 BPSK	1	81				22.4			0	22.8				18.3			0	18.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)								Reduced Average Power (dBm)							
						504198	504996	511398	518598	525792	532992	MPR	Maximum Output Power	504198	504996	511398	518598	525792	532992	MPR	Maximum Output Power
						2520.99 MHz	2524.98 MHz	2556.99 MHz	2592.99 MHz	2628.96 MHz	2664.96 MHz			2520.99 MHz	2524.98 MHz	2556.99 MHz	2592.99 MHz	2628.96 MHz	2664.96 MHz		
50	DFT-s	30	π/2 BPSK	1	66				22.5			0	22.8				18.3			0	18.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)								Reduced Average Power (dBm)							
						503196	504000	510894	518598	526296	533994	MPR	Maximum Output Power	503196	504000	510894	518598	526296	533994	MPR	Maximum Output Power
						2515.98 MHz	2520 MHz	2554.47 MHz	2592.99 MHz	2631.48 MHz	2669.97 MHz			2515.98 MHz	2520 MHz	2554.47 MHz	2592.99 MHz	2631.48 MHz	2669.97 MHz		
40	DFT-s	30	π/2 BPSK	1	53				22.5			0	22.8				18.3			0	18.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)								Reduced Average Power (dBm)							
						502200	502998	510396	518598	526794	534996	MPR	Maximum Output Power	502200	502998	510396	518598	526794	534996	MPR	Maximum Output Power
						2511 MHz	2514.99 MHz	2551.98 MHz	2592.99 MHz	2633.97 MHz	2674.98 MHz			2511 MHz	2514.99 MHz	2551.98 MHz	2592.99 MHz	2633.97 MHz	2674.98 MHz		
30	DFT-s	30	π/2 BPSK	1	39	22.6	22.4	22.6	22.5	22.4	22.5	0	22.8	18.2	18.3	18.3	18.4	18.3	18.3	0	18.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)								Reduced Average Power (dBm)							
						501198	501996	509898	518598	527292	535992	MPR	Maximum Output Power	501198	501996	509898	518598	527292	535992	MPR	Maximum Output Power
						2505.99 MHz	2509.98 MHz	2549.49 MHz	2592.99 MHz	2636.46 MHz	2679.96 MHz			2505.99 MHz	2509.98 MHz	2549.49 MHz	2592.99 MHz	2636.46 MHz	2679.96 MHz		
20	DFT-s	30	π/2 BPSK	1	25	22.5	22.5	22.5	22.4	22.5	22.5	0	22.8	18.3	18.4	18.2	18.2	18.2	18.3	0	18.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)								Reduced Average Power (dBm)							
						500700	501498	509646	518598	527544	536496	MPR	Maximum Output Power	500700	501498	509646	518598	527544	536496	MPR	Maximum Output Power
						2503.5 MHz	2507.49 MHz	2548.23 MHz	2592.99 MHz	2637.72 MHz	2682.48 MHz			2503.5 MHz	2507.49 MHz	2548.23 MHz	2592.99 MHz	2637.72 MHz	2682.48 MHz		
15	DFT-s	30	π/2 BPSK	1	19	22.6	22.4	22.4	22.5	22.6	22.6	0	22.8	18.4	18.4	18.2	18.3	18.3	18.4	0	18.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)								Reduced Average Power (dBm)							
						500196	501000	509394	518598	527796	536994	MPR	Maximum Output Power	500196	501000	509394	518598	527796	536994	MPR	Maximum Output Power
						2500.98 MHz	2505 MHz	2546.97 MHz	2592.99 MHz	2638.98 MHz	2684.97 MHz			2500.98 MHz	2505 MHz	2546.97 MHz	2592.99 MHz	2638.98 MHz	2684.97 MHz		
10	DFT-s	30	π/2 BPSK	1	12	22.4	22.5	22.6	22.4	22.5	22.5	0	22.8	18.3	18.4	18.3	18.3	18.4	18.4	0	18.5

NR Band 41 Measured Results (ANT4)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)								Reduced Average Power (dBm)							
						509196	510000	513894	518598	523296	527994	MPR	Tune-up Limit	509196	510000	513894	518598	523296	527994	MPR	Tune-up Limit
						2545.98 MHz	2550 MHz	2569.47 MHz	2592.99 MHz	2616.48 MHz	2639.97 MHz			2545.98 MHz	2550 MHz	2569.47 MHz	2592.99 MHz	2616.48 MHz	2639.97 MHz		
100	DFT-s	30	π/2 BPSK	1	1				17.6			0	19.1				17.3			0	18.8
				1	136				17.8			0	19.1				17.4			0	18.8
				1	271				17.5			0	19.1				17.2			0	18.8
				135	69				17.8			0	19.1				17.4			0	18.8
			QPSK	1	1				17.5			0	19.1				17.2			0	18.8
				1	136				17.5			0	19.1				17.2			0	18.8
				1	271				17.5			0	19.1				17.2			0	18.8
				135	69				17.5			0	19.1				17.2			0	18.8
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)								Reduced Average Power (dBm)							
						508200	508998	513396	518598	523794	528996	MPR	Tune-up Limit	508200	508998	513396	518598	523794	528996	MPR	Tune-up Limit
						2541 MHz	2544.99 MHz	2566.98 MHz	2592.99 MHz	2618.97 MHz	2644.98 MHz			2541 MHz	2544.99 MHz	2566.98 MHz	2592.99 MHz	2618.97 MHz	2644.98 MHz		
90	DFT-s	30	π/2 BPSK	1	122				17.5			0	19.1				17.2			0	18.8
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)								Reduced Average Power (dBm)							
						507198	507996	512898	518598	524292	529992	MPR	Tune-up Limit	507198	507996	512898	518598	524292	529992	MPR	Tune-up Limit
						2535.99 MHz	2539.98 MHz	2564.49 MHz	2592.99 MHz	2621.46 MHz	2649.96 MHz			2535.99 MHz	2539.98 MHz	2564.49 MHz	2592.99 MHz	2621.46 MHz	2649.96 MHz		
80	DFT-s	30	π/2 BPSK	1	108				17.5			0	19.1				17.2			0	18.8
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)								Reduced Average Power (dBm)							
						506196	507000	512394	518598	524796	530994	MPR	Tune-up Limit	506196	507000	512394	518598	524796	530994	MPR	Tune-up Limit
						2530.98 MHz	2535 MHz	2561.97 MHz	2592.99 MHz	2623.98 MHz	2654.97 MHz			2530.98 MHz	2535 MHz	2561.97 MHz	2592.99 MHz	2623.98 MHz	2654.97 MHz		
70	DFT-s	30	π/2 BPSK	1	94				17.5			0	19.1				17.2			0	18.8
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)								Reduced Average Power (dBm)							
						505200	505998	511896	518598	525294	531996	MPR	Tune-up Limit	505200	505998	511896	518598	525294	531996	MPR	Tune-up Limit
						2526 MHz	2529.99 MHz	2559.48 MHz	2592.99 MHz	2626.47 MHz	2659.98 MHz			2526 MHz	2529.99 MHz	2559.48 MHz	2592.99 MHz	2626.47 MHz	2659.98 MHz		
60	DFT-s	30	π/2 BPSK	1	81				17.5			0	19.1				17.2			0	18.8
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)								Reduced Average Power (dBm)							
						504198	504996	511398	518598	525792	532992	MPR	Tune-up Limit	504198	504996	511398	518598	525792	532992	MPR	Tune-up Limit
						2520.99 MHz	2524.98 MHz	2556.99 MHz	2592.99 MHz	2628.96 MHz	2664.96 MHz			2520.99 MHz	2524.98 MHz	2556.99 MHz	2592.99 MHz	2628.96 MHz	2664.96 MHz		
50	DFT-s	30	π/2 BPSK	1	66				17.5			0	19.1				17.2			0	18.8
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)								Reduced Average Power (dBm)							
						503196	504000	510894	518598	526296	533994	MPR	Tune-up Limit	503196	504000	510894	518598	526296	533994	MPR	Tune-up Limit
						2515.98 MHz	2520 MHz	2554.47 MHz	2592.99 MHz	2631.48 MHz	2669.97 MHz			2515.98 MHz	2520 MHz	2554.47 MHz	2592.99 MHz	2631.48 MHz	2669.97 MHz		
40	DFT-s	30	π/2 BPSK	1	53				17.5			0	19.1				17.2			0	18.8
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)								Reduced Average Power (dBm)							
						502200	502998	510396	518598	526794	534996	MPR	Tune-up Limit	502200	502998	510396	518598	526794	534996	MPR	Tune-up Limit
						2511 MHz	2514.99 MHz	2551.98 MHz	2592.99 MHz	2633.97 MHz	2674.98 MHz			2511 MHz	2514.99 MHz	2551.98 MHz	2592.99 MHz	2633.97 MHz	2674.98 MHz		
30	DFT-s	30	π/2 BPSK	1	39	17.5	17.5	17.5	17.5	17.5	17.5	0	19.1	17.2	17.2	17.2	17.2	17.2	17.2	0	18.8
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)								Reduced Average Power (dBm)							
						501198	501996	509898	518598	527292	535992	MPR	Tune-up Limit	501198	501996	509898	518598	527292	535992	MPR	Tune-up Limit
						2505.99 MHz	2509.98 MHz	2549.49 MHz	2592.99 MHz	2636.46 MHz	2679.96 MHz			2505.99 MHz	2509.98 MHz	2549.49 MHz	2592.99 MHz	2636.46 MHz	2679.96 MHz		
20	DFT-s	30	π/2 BPSK	1	25	17.5	17.5	17.5	17.5	17.5	17.5	0	19.1	17.2	17.2	17.2	17.2	17.2	17.2	0	18.8
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)								Reduced Average Power (dBm)							
						500700	501498	509646	518598	527544	536496	MPR	Tune-up Limit	500700	501498	509646	518598	527544	536496	MPR	Tune-up Limit
						2503.5 MHz	2507.49 MHz	2548.23 MHz	2592.99 MHz	2637.72 MHz	2682.48 MHz			2503.5 MHz	2507.49 MHz	2548.23 MHz	2592.99 MHz	2637.72 MHz	2682.48 MHz		
15	DFT-s	30	π/2 BPSK	1	19	17.5	17.5	17.5	17.5	17.5	17.5	0	19.1	17.2	17.2	17.2	17.2	17.2	17.2	0	18.8
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)								Reduced Average Power (dBm)							
						500196	501000	509394	518598	527796	536994	MPR	Tune-up Limit	500196	501000	509394	518598	527796	536994	MPR	Tune-up Limit
						2500.98 MHz	2505 MHz	2546.97 MHz	2592.99 MHz	2638.98 MHz	2684.97 MHz			2500.98 MHz	2505 MHz	2546.97 MHz	2592.99 MHz	2638.98 MHz	2684.97 MHz		
10	DFT-s	30	π/2 BPSK	1	12	17.5	17.5	17.5	17.5	17.5	17.5	0	19.1	17.2	17.2	17.2	17.2	17.2	17.2	0	18.8

NR Band 48 Measured Results (ANT7)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)						Reduced Average Power (dBm)					
						638000	640444	642888	645332	MPR	Maximum Output Power	638000	640444	642888	645332	MPR	Maximum Output Power
						3570 MHz	3606.66 MHz	3643.32 MHz	3679.98 MHz			3570 MHz	3606.66 MHz	3643.32 MHz	3679.98 MHz		
40	DFT-s	30	π/2 BPSK	1	1			22.6		0	23			20.3		0	20.8
				1	53			22.8		0	23			20.4		0	20.8
				1	104			22.5		0	23			20.2		0	20.8
				50	28			22.7		0	23			20.4		0	20.8
			QPSK	1	1			22.6		0	23			20.4		0	20.8
				1	53			22.4		0	23			20.3		0	20.8
				1	104			22.6		0	23			20.2		0	20.8
				50	28			22.4		0	23			20.2		0	20.8
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)						Reduced Average Power (dBm)					
						637668	640334	643000	645666	MPR	Maximum Output Power	637668	640334	643000	645666	MPR	Maximum Output Power
						3565.02 MHz	3605.01 MHz	3645 MHz	3684.99 MHz			3565.02 MHz	3605.01 MHz	3645 MHz	3684.99 MHz		
30	DFT-s	30	π/2 BPSK	1	39	22.6	22.5	22.5	22.3	0	23	20.3	20.3	20.2	20.1	0	20.8
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)						Reduced Average Power (dBm)					
						637334	640222	643110	645998	MPR	Maximum Output Power	637334	640222	643110	645998	MPR	Maximum Output Power
						3560.01 MHz	3603.33 MHz	3646.65 MHz	3689.97 MHz			3560.01 MHz	3603.33 MHz	3646.65 MHz	3689.97 MHz		
20	DFT-s	30	π/2 BPSK	1	25	22.6	22.6	22.6	22.3	0	23	20.3	20.3	20.2	20.1	0	20.8
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)						Reduced Average Power (dBm)					
						637168	640166	643166	646166	MPR	Maximum Output Power	637168	640166	643166	646166	MPR	Maximum Output Power
						3557.52 MHz	3602.49 MHz	3647.49 MHz	3692.49 MHz			3557.52 MHz	3602.49 MHz	3647.49 MHz	3692.49 MHz		
15	DFT-s	30	π/2 BPSK	1	19	22.6	22.5	22.4	22.3	0	23	20.3	20.3	20.2	20.1	0	20.8
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)						Reduced Average Power (dBm)					
						637000	640110	643222	646332	MPR	Maximum Output Power	637000	640110	643222	646332	MPR	Maximum Output Power
						3555 MHz	3601.65 MHz	3648.33 MHz	3694.98 MHz			3555 MHz	3601.65 MHz	3648.33 MHz	3694.98 MHz		
10	DFT-s	30	π/2 BPSK	1	12	22.5	22.4	22.3	22.2	0	23	20.3	20.2	20.1	20.0	0	20.8

NR Band 48 Measured Results (ANT8)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)						Reduced Average Power (dBm)					
						638000	640444	642888	645332	MPR	Maximum Output Power	638000	640444	642888	645332	MPR	Maximum Output Power
						3570 MHz	3606.66 MHz	3643.32 MHz	3679.98 MHz			3570 MHz	3606.66 MHz	3643.32 MHz	3679.98 MHz		
40	DFT-s	30	π/2 BPSK	1	1			18.8		0	19.3			19.4		0	19.7
				1	53			19.1		0	19.3			19.4		0	19.7
				1	104			18.8		0	19.3			19.4		0	19.7
				50	28			19.1		0	19.3			19.4		0	19.7
			QPSK	1	1			18.7		0	19.3			19.4		0	19.7
				1	53			18.8		0	19.3			19.5		0	19.7
				1	104			18.8		0	19.3			19.5		0	19.7
				50	28			18.7		0	19.3			19.4		0	19.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)						Reduced Average Power (dBm)					
						637668	640334	643000	645666	MPR	Maximum Output Power	637668	640334	643000	645666	MPR	Maximum Output Power
						3565.02 MHz	3605.01 MHz	3645 MHz	3684.99 MHz			3565.02 MHz	3605.01 MHz	3645 MHz	3684.99 MHz		
30	DFT-s	30	π/2 BPSK	1	39	18.5	18.5	18.4	18.7	0	19.3	19.4	19.4	19.3	19.4	0	19.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)						Reduced Average Power (dBm)					
						637334	640222	643110	645998	MPR	Maximum Output Power	637334	640222	643110	645998	MPR	Maximum Output Power
						3560.01 MHz	3603.33 MHz	3646.65 MHz	3689.97 MHz			3560.01 MHz	3603.33 MHz	3646.65 MHz	3689.97 MHz		
20	DFT-s	30	π/2 BPSK	1	25	18.4	18.5	18.4	18.5	0	19.3	19.3	19.3	19.4	19.3	0	19.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)						Reduced Average Power (dBm)					
						637168	640166	643166	646166	MPR	Maximum Output Power	637168	640166	643166	646166	MPR	Maximum Output Power
						3557.52 MHz	3602.49 MHz	3647.49 MHz	3692.49 MHz			3557.52 MHz	3602.49 MHz	3647.49 MHz	3692.49 MHz		
15	DFT-s	30	π/2 BPSK	1	19	18.5	18.5	18.5	18.5	0	19.3	19.4	19.3	19.3	19.3	0	19.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)						Reduced Average Power (dBm)					
						637000	640110	643222	646332	MPR	Maximum Output Power	637000	640110	643222	646332	MPR	Maximum Output Power
						3555 MHz	3601.65 MHz	3648.33 MHz	3694.98 MHz			3555 MHz	3601.65 MHz	3648.33 MHz	3694.98 MHz		
10	DFT-s	30	π/2 BPSK	1	12	18.1	18.2	18.2	18.4	0	19.3	19.4	19.4	19.4	19.3	0	19.7

NR Band 48 Measured Results (ANT9)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)						Reduced Average Power (dBm)					
						638000	640444	642888	645332	MPR	Maximum Output Power	638000	640444	642888	645332	MPR	Maximum Output Power
						3570 MHz	3606.66 MHz	3643.32 MHz	3679.98 MHz			3570 MHz	3606.66 MHz	3643.32 MHz	3679.98 MHz		
40	DFT-s	30	π/2 BPSK	1	1	[redacted]	[redacted]	21.1	[redacted]	0	21.5	[redacted]	[redacted]	18.6	[redacted]	0	18.7
				1	53			21.5		0	21.5			18.6		0	18.7
				1	104			21.3		0	21.5			18.6		0	18.7
				50	28			21.5		0	21.5			18.6		0	18.7
			QPSK	1	1			21.3		0	21.5			18.6		0	18.7
				1	53			21.3		0	21.5			18.6		0	18.7
				1	104			21.3		0	21.5			18.7		0	18.7
				50	28			21.2		0	21.5			18.7		0	18.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)						Reduced Average Power (dBm)					
						637668	640334	643000	645666	MPR	Maximum Output Power	637668	640334	643000	645666	MPR	Maximum Output Power
						3565.02 MHz	3605.01 MHz	3645 MHz	3684.99 MHz			3565.02 MHz	3605.01 MHz	3645 MHz	3684.99 MHz		
30	DFT-s	30	π/2 BPSK	1	39	21.2	20.3	21.1	21.1	0	21.5	18.7	18.6	18.6	18.7	0	18.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)						Reduced Average Power (dBm)					
						637334	640222	643110	645998	MPR	Maximum Output Power	637334	640222	643110	645998	MPR	Maximum Output Power
						3560.01 MHz	3603.33 MHz	3646.65 MHz	3689.97 MHz			3560.01 MHz	3603.33 MHz	3646.65 MHz	3689.97 MHz		
20	DFT-s	30	π/2 BPSK	1	25	20.6	21.4	21.3	20.7	0	21.5	18.7	18.6	18.6	18.7	0	18.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)						Reduced Average Power (dBm)					
						637168	640166	643166	646166	MPR	Maximum Output Power	637168	640166	643166	646166	MPR	Maximum Output Power
						3557.52 MHz	3602.49 MHz	3647.49 MHz	3692.49 MHz			3557.52 MHz	3602.49 MHz	3647.49 MHz	3692.49 MHz		
15	DFT-s	30	π/2 BPSK	1	19	21.4	21.4	21.1	21.1	0	21.5	18.7	18.6	18.7	18.7	0	18.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)						Reduced Average Power (dBm)					
						637000	640110	643222	646332	MPR	Maximum Output Power	637000	640110	643222	646332	MPR	Maximum Output Power
						3555 MHz	3601.65 MHz	3648.33 MHz	3694.98 MHz			3555 MHz	3601.65 MHz	3648.33 MHz	3694.98 MHz		
10	DFT-s	30	π/2 BPSK	1	12	21.0	21.0	21.0	20.8	0	21.5	18.6	18.5	18.6	18.6	0	18.7

NR Band 48 Measured Results (ANT4)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)						Reduced Average Power (dBm)					
						638000	640444	642888	645332	MPR	Tune-up Limit	638000	640444	642888	645332	MPR	Tune-up Limit
						3570 MHz	3606.66 MHz	3643.32 MHz	3679.98 MHz			3570 MHz	3606.66 MHz	3643.32 MHz	3679.98 MHz		
40	DFT-s	30	π/2 BPSK	1	1	[redacted]	[redacted]	20.1	[redacted]	0	21.2	[redacted]	[redacted]	19.2	[redacted]	0	19.7
				1	53			20.1		0	21.2			19.3		0	19.7
				1	104			20.1		0	21.2			19.3		0	19.7
				50	28			20.2		0	21.2			19.3		0	19.7
			QPSK	1	1			20.1		0	21.2			19.3		0	19.7
				1	53			20.3		0	21.2			19.3		0	19.7
				1	104			20.2		0	21.2			19.3		0	19.7
				50	28			20.3		0	21.2			19.3		0	19.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)						Reduced Average Power (dBm)					
						637668	640334	643000	645666	MPR	Tune-up Limit	637668	640334	643000	645666	MPR	Tune-up Limit
						3565.02 MHz	3605.01 MHz	3645 MHz	3684.99 MHz			3565.02 MHz	3605.01 MHz	3645 MHz	3684.99 MHz		
30	DFT-s	30	π/2 BPSK	1	39	20.1	20.1	20.3	20.3	0	21.2	19.3	19.3	19.3	19.3	0	19.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)						Reduced Average Power (dBm)					
						637334	640222	643110	645998	MPR	Tune-up Limit	637334	640222	643110	645998	MPR	Tune-up Limit
						3560.01 MHz	3603.33 MHz	3646.65 MHz	3689.97 MHz			3560.01 MHz	3603.33 MHz	3646.65 MHz	3689.97 MHz		
20	DFT-s	30	π/2 BPSK	1	25	20.0	20.2	20.3	20.2	0	21.2	19.3	19.3	19.3	19.3	0	19.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)						Reduced Average Power (dBm)					
						637168	640166	643166	646166	MPR	Tune-up Limit	637168	640166	643166	646166	MPR	Tune-up Limit
						3557.52 MHz	3602.49 MHz	3647.49 MHz	3692.49 MHz			3557.52 MHz	3602.49 MHz	3647.49 MHz	3692.49 MHz		
15	DFT-s	30	π/2 BPSK	1	19	20.1	20.2	20.0	20.2	0	21.2	19.3	19.3	19.3	19.3	0	19.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)						Reduced Average Power (dBm)					
						637000	640110	643222	646332	MPR	Tune-up Limit	637000	640110	643222	646332	MPR	Tune-up Limit
						3555 MHz	3601.65 MHz	3648.33 MHz	3694.98 MHz			3555 MHz	3601.65 MHz	3648.33 MHz	3694.98 MHz		
10	DFT-s	30	π/2 BPSK	1	12	20.3	20.2	20.1	20.1	0	21.2	19.3	19.3	19.3	19.3	0	19.7

NR Band 53 Measured Results (ANT1)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						497700	497840	498000	MPR	Maximum Output Power	497700	497840	498000	MPR	Maximum Output Power
						2488.5 MHz	2489.2 MHz	2490 MHz			2488.5 MHz	2489.2 MHz	2490 MHz		
10	DFT-s	30	π/2 BPSK	1	1		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
			QPSK	1	1		18.7		0	18.7		18.7		0	18.7
				1	12		18.7		0	18.7		18.7		0	18.7
				1	22		18.7		0	18.7		18.7		0	18.7
				12	6		18.6		0	18.7		18.6		0	18.7

NR Band 53 Measured Results (ANT2)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						497700	497840	498000	MPR	Maximum Output Power	497700	497840	498000	MPR	Maximum Output Power
						2488.5 MHz	2489.2 MHz	2490 MHz			2488.5 MHz	2489.2 MHz	2490 MHz		
10	DFT-s	30	π/2 BPSK	1	1		18.8		0	19		18.2		0	19.6
				1	12		18.8		0	19		18.2		0	19.6
				1	22		18.8		0	19		18.2		0	19.6
				12	6		18.7		0	19		18.2		0	19.6
			QPSK	1	1		18.8		0	19		18.2		0	19.6
				1	12		18.8		0	19		18.3		0	19.6
				1	22		18.9		0	19		18.3		0	19.6
				12	6		18.7		0	19		18.2		0	19.6

NR Band 66 Measured Results (ANT1)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						346000	349000	352000	MPR	Maximum Output Power	346000	349000	352000	MPR	Maximum Output Power
						1730 MHz	1745 MHz	1760 MHz			1730 MHz	1745 MHz	1760 MHz		
40	DFT-s	15	π/2 BPSK	1	1		25.3		0	25.3		18.5		0	19.4
				1	108		25.3		0	25.3		18.5		0	19.4
				1	214		25.3		0	25.3		18.5		0	19.4
				108	54		25.3		0	25.3		18.5		0	19.4
			QPSK	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		18.7		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	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						345500	349000	352500	MPR	Maximum Output Power	345500	349000	352500	MPR	Maximum Output Power
						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		25.3		0	25.3		18.6		0	19.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						345000	349000	353000	MPR	Maximum Output Power	345000	349000	353000	MPR	Maximum Output Power
						1725 MHz	1745 MHz	1765 MHz			1725 MHz	1745 MHz	1765 MHz		
30	DFT-s	15	π/2 BPSK	1	80		25.3		0	25.3		18.9		0	19.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						344500	349000	353500	MPR	Maximum Output Power	344500	349000	353500	MPR	Maximum Output Power
						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		25.3		0	25.3		18.9		0	19.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						344000	349000	354000	MPR	Maximum Output Power	344000	349000	354000	MPR	Maximum Output Power
						1720 MHz	1745 MHz	1770 MHz			1720 MHz	1745 MHz	1770 MHz		
20	DFT-s	15	π/2 BPSK	1	53	25.0	25.3	25.1	0	25.3	18.5	19.0	18.5	0	19.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						343500	349000	354500	MPR	Maximum Output Power	343500	349000	354500	MPR	Maximum Output Power
						1717.5 MHz	1745 MHz	1772.5 MHz			1717.5 MHz	1745 MHz	1772.5 MHz		
15	DFT-s	15	π/2 BPSK	1	39	25.3	25.2	25.2	0	25.3	18.5	18.9	18.4	0	19.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						343000	349000	355000	MPR	Maximum Output Power	343000	349000	355000	MPR	Maximum Output Power
						1715 MHz	1745 MHz	1775 MHz			1715 MHz	1745 MHz	1775 MHz		
10	DFT-s	15	π/2 BPSK	1	26	25.1	25.2	25.2	0	25.3	18.5	18.8	18.4	0	19.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						342500	349000	355500	MPR	Maximum Output Power	342500	349000	355500	MPR	Maximum Output Power
						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	25.3	25.2	25.2	0	25.3	18.5	18.3	18.2	0	19.4

NR Band 66 Measured Results (ANT2)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						346000	349000	352000	MPR	Maximum Output Power	346000	349000	352000	MPR	Maximum Output Power
						1730 MHz	1745 MHz	1760 MHz			1730 MHz	1745 MHz	1760 MHz		
40	DFT-s	15	π/2 BPSK	1	1		19.0		0	19.6		18.7		0	19.7
				1	108		19.1		0	19.6		18.8		0	19.7
				1	214		19.1		0	19.6		18.8		0	19.7
				108	54		19.1		0	19.6		18.8		0	19.7
			QPSK	1	1		19.1		0	19.6		18.8		0	19.7
				1	108		18.9		0	19.6		18.7		0	19.7
				1	214		18.9		0	19.6		18.7		0	19.7
				108	54		19.0		0	19.6		18.8		0	19.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						345500	349000	352500	MPR	Maximum Output Power	345500	349000	352500	MPR	Maximum Output Power
						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		18.9		0	19.6		19.1		0	19.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						345000	349000	353000	MPR	Maximum Output Power	345000	349000	353000	MPR	Maximum Output Power
						1725 MHz	1745 MHz	1765 MHz			1725 MHz	1745 MHz	1765 MHz		
30	DFT-s	15	π/2 BPSK	1	80		18.9		0	19.6		19.1		0	19.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						344500	349000	353500	MPR	Maximum Output Power	344500	349000	353500	MPR	Maximum Output Power
						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		19.0		0	19.6		19.1		0	19.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						344000	349000	354000	MPR	Maximum Output Power	344000	349000	354000	MPR	Maximum Output Power
						1720 MHz	1745 MHz	1770 MHz			1720 MHz	1745 MHz	1770 MHz		
20	DFT-s	15	π/2 BPSK	1	53	18.9	18.8	18.6	0	19.6	19.2	19.1	19.1	0	19.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						343500	349000	354500	MPR	Maximum Output Power	343500	349000	354500	MPR	Maximum Output Power
						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	19.0	18.9	18.7	0	19.6	19.2	19.1	19.1	0	19.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						343000	349000	355000	MPR	Maximum Output Power	343000	349000	355000	MPR	Maximum Output Power
						1715 MHz	1745 MHz	1775 MHz			1715 MHz	1745 MHz	1775 MHz		
10	DFT-s	15	π/2 BPSK	1	26	19.1	18.5	18.8	0	19.6	19.1	19.1	19.1	0	19.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						342500	349000	355500	MPR	Maximum Output Power	342500	349000	355500	MPR	Maximum Output Power
						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	19.1	18.8	18.7	0	19.6	19.1	19.1	19.0	0	19.7

NR Band 66 Measured Results (ANT3)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						346000	349000	352000	MPR	Maximum Output Power	346000	349000	352000	MPR	Maximum Output Power
						1730 MHz	1745 MHz	1760 MHz			1730 MHz	1745 MHz	1760 MHz		
40	DFT-s	15	π/2 BPSK	1	1		22.6		0	22.8		22.0		0	22.6
				1	108		22.8		0	22.8		22.1		0	22.6
				1	214		22.5		0	22.8		21.9		0	22.6
				108	54		22.8		0	22.8		22.0		0	22.6
			QPSK	1	1		22.6		0	22.8		21.9		0	22.6
				1	108		22.6		0	22.8		21.9		0	22.6
				1	214		22.6		0	22.8		21.9		0	22.6
				108	54		22.5		0	22.8		21.8		0	22.6
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						345500	349000	352500	MPR	Maximum Output Power	345500	349000	352500	MPR	Maximum Output Power
						1727.5 MHz	1745 MHz	1762.5 MHz			1727.5 MHz	1745 MHz	1762.5 MHz		
35	DFT-s	15	π/2 BPSK	1	94		22.7		0	22.8		21.9		0	22.6
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						345000	349000	353000	MPR	Maximum Output Power	345000	349000	353000	MPR	Maximum Output Power
						1725 MHz	1745 MHz	1765 MHz			1725 MHz	1745 MHz	1765 MHz		
30	DFT-s	15	π/2 BPSK	1	80		22.7		0	22.8		22.0		0	22.6
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						344500	349000	353500	MPR	Maximum Output Power	344500	349000	353500	MPR	Maximum Output Power
						1722.5 MHz	1745 MHz	1767.5 MHz			1722.5 MHz	1745 MHz	1767.5 MHz		
25	DFT-s	15	π/2 BPSK	1	66		22.6		0	22.8		21.8		0	22.6
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						344000	349000	354000	MPR	Maximum Output Power	344000	349000	354000	MPR	Maximum Output Power
						1720 MHz	1745 MHz	1770 MHz			1720 MHz	1745 MHz	1770 MHz		
20	DFT-s	15	π/2 BPSK	1	53	22.6	22.7	22.5	0	22.8	21.9	21.9	22.0	0	22.6
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						343500	349000	354500	MPR	Maximum Output Power	343500	349000	354500	MPR	Maximum Output Power
						1717.5 MHz	1745 MHz	1772.5 MHz			1717.5 MHz	1745 MHz	1772.5 MHz		
15	DFT-s	15	π/2 BPSK	1	39	22.7	22.5	22.6	0	22.8	21.9	21.9	22.0	0	22.6
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						343000	349000	355000	MPR	Maximum Output Power	343000	349000	355000	MPR	Maximum Output Power
						1715 MHz	1745 MHz	1775 MHz			1715 MHz	1745 MHz	1775 MHz		
10	DFT-s	15	π/2 BPSK	1	26	22.6	22.7	22.7	0	22.8	21.9	21.9	21.8	0	22.6
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						342500	349000	355500	MPR	Maximum Output Power	342500	349000	355500	MPR	Maximum Output Power
						1712.5 MHz	1745 MHz	1777.5 MHz			1712.5 MHz	1745 MHz	1777.5 MHz		
5	DFT-s	15	π/2 BPSK	1	12	22.6	22.6	22.7	0	22.8	21.8	22.0	21.8	0	22.6

NR Band 66 Measured Results (ANT4)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						346000	349000	352000	MPR	Tune-up Limit	346000	349000	352000	MPR	Tune-up Limit
						1730 MHz	1745 MHz	1760 MHz			1730 MHz	1745 MHz	1760 MHz		
40	DFT-s	15	π/2 BPSK	1	1		19.8		0	20.7		21.1		0	22.4
				1	108		19.8		0	20.7		21.1		0	22.4
				1	214		19.5		0	20.7		21.1		0	22.4
				108	54		19.8		0	20.7		21.1		0	22.4
			QPSK	1	1		19.5		0	20.7		21.1		0	22.4
				1	108		19.5		0	20.7		21.1		0	22.4
				1	214		19.5		0	20.7		21.1		0	22.4
				108	54		19.5		0	20.7		21.1		0	22.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						345500	349000	352500	MPR	Tune-up Limit	345500	349000	352500	MPR	Tune-up Limit
						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		19.5		0	20.7		21.1		0	22.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						345000	349000	353000	MPR	Tune-up Limit	345000	349000	353000	MPR	Tune-up Limit
						1725 MHz	1745 MHz	1765 MHz			1725 MHz	1745 MHz	1765 MHz		
30	DFT-s	15	π/2 BPSK	1	80		19.5		0	20.7		21.1		0	22.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						344500	349000	353500	MPR	Tune-up Limit	344500	349000	353500	MPR	Tune-up Limit
						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		19.5		0	20.7		21.1		0	22.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						344000	349000	354000	MPR	Tune-up Limit	344000	349000	354000	MPR	Tune-up Limit
						1720 MHz	1745 MHz	1770 MHz			1720 MHz	1745 MHz	1770 MHz		
20	DFT-s	15	π/2 BPSK	1	53	19.5	19.5	19.5	0	20.7	21.1	21.1	21.1	0	22.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						343500	349000	354500	MPR	Tune-up Limit	343500	349000	354500	MPR	Tune-up Limit
						1717.5 MHz	1745 MHz	1772.5 MHz			1717.5 MHz	1745 MHz	1772.5 MHz		
15	DFT-s	15	π/2 BPSK	1	39	19.5	19.5	19.5	0	20.7	21.1	21.1	21.1	0	22.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						343000	349000	355000	MPR	Tune-up Limit	343000	349000	355000	MPR	Tune-up Limit
						1715 MHz	1745 MHz	1775 MHz			1715 MHz	1745 MHz	1775 MHz		
10	DFT-s	15	π/2 BPSK	1	26	19.5	19.5	19.5	0	20.7	21.1	21.1	21.1	0	22.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						342500	349000	355500	MPR	Tune-up Limit	342500	349000	355500	MPR	Tune-up Limit
						1712.5 MHz	1745 MHz	1777.5 MHz			1712.5 MHz	1745 MHz	1777.5 MHz		
5	DFT-s	15	π/2 BPSK	1	12	19.5	19.5	19.5	0	20.7	21.1	21.1	21.1	0	22.4

NR Band 70 Measured Results (ANT1)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						340500	340500	340500	MPR	Maximum Output Power	340500	340500	340500	MPR	Maximum Output Power
						1702.5 MHz	1702.5 MHz	1702.5 MHz			1702.5 MHz	1702.5 MHz	1702.5 MHz		
15	DFT-s	15	π/2 BPSK	1	1		25.3		0	25.3		18.6		0	19.9
				1	39		25.3		0	25.3		18.8		0	19.9
				1	77		25.3		0	25.3		18.8		0	19.9
				36	22		25.3		0	25.3		18.7		0	19.9
			QPSK	1	1		25.3		0	25.3		19.1		0	19.9
				1	39		25.3		0	25.3		18.9		0	19.9
				1	77		25.3		0	25.3		18.9		0	19.9
				36	22		25.3		0	25.3		18.8		0	19.9
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						340000	340500	341000	MPR	Maximum Output Power	340000	340500	341000	MPR	Maximum Output Power
						1700 MHz	1702.5 MHz	1705 MHz			1700 MHz	1702.5 MHz	1705 MHz		
10	DFT-s	15	π/2 BPSK	1	26		25.3		0	25.3		18.7		0	19.9
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						339500	340500	341500	MPR	Maximum Output Power	339500	340500	341500	MPR	Maximum Output Power
						1697.5 MHz	1702.5 MHz	1707.5 MHz			1697.5 MHz	1702.5 MHz	1707.5 MHz		
5	DFT-s	15	π/2 BPSK	1	12	25.3	25.3	25.3	0	25.3	18.8	18.7	18.6	0	19.9

NR Band 70 Measured Results (ANT2)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						340500	340500	340500	MPR	Maximum Output Power	340500	340500	340500	MPR	Maximum Output Power
						1702.5 MHz	1702.5 MHz	1702.5 MHz			1702.5 MHz	1702.5 MHz	1702.5 MHz		
15	DFT-s	15	π/2 BPSK	1	1		20.4		0	20.4		20.2		0	20.3
				1	39		20.4		0	20.4		20.2		0	20.3
				1	77		20.3		0	20.4		20.2		0	20.3
				36	22		20.4		0	20.4		20.0		0	20.3
			QPSK	1	1		20.4		0	20.4		20.2		0	20.3
				1	39		20.3		0	20.4		20.2		0	20.3
				1	77		20.3		0	20.4		20.2		0	20.3
				36	22		20.4		0	20.4		20.1		0	20.3
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						340000	340500	341000	MPR	Maximum Output Power	340000	340500	341000	MPR	Maximum Output Power
						1700 MHz	1702.5 MHz	1705 MHz			1700 MHz	1702.5 MHz	1705 MHz		
10	DFT-s	15	π/2 BPSK	1	26		20.4		0	20.4		20.2		0	20.3
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						339500	340500	341500	MPR	Maximum Output Power	339500	340500	341500	MPR	Maximum Output Power
						1697.5 MHz	1702.5 MHz	1707.5 MHz			1697.5 MHz	1702.5 MHz	1707.5 MHz		
5	DFT-s	15	π/2 BPSK	1	12	20.4	20.4	20.4	0	20.4	20.2	20.2	20.1	0	20.3

NR Band 70 Measured Results (ANT3)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						340500	340500	340500	MPR	Maximum Output Power	340500	340500	340500	MPR	Maximum Output Power
						1702.5 MHz	1702.5 MHz	1702.5 MHz			1702.5 MHz	1702.5 MHz	1702.5 MHz		
15	DFT-s	15	π/2 BPSK	1	1	[redacted]	22.8	[redacted]	0	22.8	[redacted]	22.0	[redacted]	0	23.1
				1	39		22.8		0	22.8		22.0		0	23.1
				1	77		22.8		0	22.8		22.0		0	23.1
				36	22		22.8		0	22.8		22.0		0	23.1
			QPSK	1	1		22.8		0	22.8		22.0		0	23.1
				1	39		22.8		0	22.8		22.0		0	23.1
				1	77		22.8		0	22.8		22.0		0	23.1
				36	22		22.8		0	22.8		22.0		0	23.1
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						340000	340500	341000	MPR	Maximum Output Power	340000	340500	341000	MPR	Maximum Output Power
						1700 MHz	1702.5 MHz	1705 MHz			1700 MHz	1702.5 MHz	1705 MHz		
10	DFT-s	15	π/2 BPSK	1	26	[redacted]	22.5	[redacted]	0	22.8	[redacted]	21.8	[redacted]	0	23.1
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						339500	340500	341500	MPR	Maximum Output Power	339500	340500	341500	MPR	Maximum Output Power
						1697.5 MHz	1702.5 MHz	1707.5 MHz			1697.5 MHz	1702.5 MHz	1707.5 MHz		
5	DFT-s	15	π/2 BPSK	1	12	22.6	22.7	22.6	0	22.8	21.8	21.7	21.8	0	23.1

NR Band 70 Measured Results (ANT4)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						340500	340500	340500	MPR	Tune-up Limit	340500	340500	340500	MPR	Tune-up Limit
						1702.5 MHz	1702.5 MHz	1702.5 MHz			1702.5 MHz	1702.5 MHz	1702.5 MHz		
15	DFT-s	15	π/2 BPSK	1	1	[redacted]	21.5	[redacted]	0	22.1	[redacted]	22.1	[redacted]	0	23.1
				1	39		21.5		0	22.1		22.1		0	23.1
				1	77		21.4		0	22.1		22.1		0	23.1
				36	22		21.3		0	22.1		22.1		0	23.1
			QPSK	1	1		21.5		0	22.1		22.3		0	23.1
				1	39		21.4		0	22.1		22.1		0	23.1
				1	77		21.5		0	22.1		22.2		0	23.1
				36	22		21.4		0	22.1		22.1		0	23.1
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						340000	340500	341000	MPR	Tune-up Limit	340000	340500	341000	MPR	Tune-up Limit
						1700 MHz	1702.5 MHz	1705 MHz			1700 MHz	1702.5 MHz	1705 MHz		
10	DFT-s	15	π/2 BPSK	1	26	[redacted]	21.3	[redacted]	0	22.1	[redacted]	21.9	[redacted]	0	23.1
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						339500	340500	341500	MPR	Tune-up Limit	339500	340500	341500	MPR	Tune-up Limit
						1697.5 MHz	1702.5 MHz	1707.5 MHz			1697.5 MHz	1702.5 MHz	1707.5 MHz		
5	DFT-s	15	π/2 BPSK	1	12	21.2	21.2	21.2	0	22.1	22.0	21.9	21.9	0	23.1

NR Band 71 Measured Results (ANT1)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						134600	136100	137600	MPR	Maximum Output Power	134600	136100	137600	MPR	Maximum Output Power
						673 MHz	680.5 MHz	688 MHz			673 MHz	680.5 MHz	688 MHz		
20	DFT-s	15	π/2 BPSK	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		25.7		0	25.7		25.7		0	25.7
				50	28		25.7		0	25.7		25.7		0	25.7
			QPSK	1	1		25.7		0	25.7		25.7		0	25.7
				1	53		25.7		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	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						134100	136100	138100	MPR	Maximum Output Power	134100	136100	138100	MPR	Maximum Output Power
						670.5 MHz	680.5 MHz	690.5 MHz			670.5 MHz	680.5 MHz	690.5 MHz		
15	DFT-s	15	π/2 BPSK	1	39		25.7		0	25.7		25.7		0	25.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						133600	136100	138600	MPR	Maximum Output Power	133600	136100	138600	MPR	Maximum Output Power
						668 MHz	680.5 MHz	693 MHz			668 MHz	680.5 MHz	693 MHz		
10	DFT-s	15	π/2 BPSK	1	26	25.7	25.6	25.6	0	25.7	25.7	25.6	25.6	0	25.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						133100	136100	139100	MPR	Maximum Output Power	133100	136100	139100	MPR	Maximum Output Power
						665.5 MHz	680.5 MHz	695.5 MHz			665.5 MHz	680.5 MHz	695.5 MHz		
5	DFT-s	15	π/2 BPSK	1	12	25.7	25.6	25.6	0	25.7	25.7	25.6	25.6	0	25.7

NR Band 71 Measured Results (ANT2)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						134600	136100	137600	MPR	Maximum Output Power	134600	136100	137600	MPR	Maximum Output Power
						673 MHz	680.5 MHz	688 MHz			673 MHz	680.5 MHz	688 MHz		
20	DFT-s	15	π/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		24.5		0	24.7		24.5		0	24.7
				50	28		24.5		0	24.7		24.5		0	24.7
			QPSK	1	1		24.5		0	24.7		24.5		0	24.7
				1	53		24.7		0	24.7		24.7		0	24.7
				1	104		24.6		0	24.7		24.6		0	24.7
				50	28		24.5		0	24.7		24.5		0	24.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						134100	136100	138100	MPR	Maximum Output Power	134100	136100	138100	MPR	Maximum Output Power
						670.5 MHz	680.5 MHz	690.5 MHz			670.5 MHz	680.5 MHz	690.5 MHz		
15	DFT-s	15	π/2 BPSK	1	39		24.6		0	24.7		24.6		0	24.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						133600	136100	138600	MPR	Maximum Output Power	133600	136100	138600	MPR	Maximum Output Power
						668 MHz	680.5 MHz	693 MHz			668 MHz	680.5 MHz	693 MHz		
10	DFT-s	15	π/2 BPSK	1	26	24.4	24.5	24.5	0	24.7	24.4	24.5	24.5	0	24.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						133100	136100	139100	MPR	Maximum Output Power	133100	136100	139100	MPR	Maximum Output Power
						665.5 MHz	680.5 MHz	695.5 MHz			665.5 MHz	680.5 MHz	695.5 MHz		
5	DFT-s	15	π/2 BPSK	1	12	24.6	24.5	24.4	0	24.7	24.6	24.5	24.4	0	24.7

NR Band 71 Measured Results (ANT3)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						134600	136100	137600	MPR	Maximum Output Power	134600	136100	137600	MPR	Maximum Output Power
						673 MHz	680.5 MHz	688 MHz			673 MHz	680.5 MHz	688 MHz		
20	DFT-s	15	π/2 BPSK	1	1		25.2		0	25.4		25.2		0	25.4
				1	53		25.4		0	25.4		25.4		0	25.4
				1	104		25.2		0	25.4		25.2		0	25.4
				50	28		25.4		0	25.4		25.4		0	25.4
			QPSK	1	1		25.2		0	25.4		25.2		0	25.4
				1	53		25.4		0	25.4		25.4		0	25.4
				1	104		25.3		0	25.4		25.3		0	25.4
				50	28		25.3		0	25.4		25.3		0	25.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						134100	136100	138100	MPR	Maximum Output Power	134100	136100	138100	MPR	Maximum Output Power
						670.5 MHz	680.5 MHz	690.5 MHz			670.5 MHz	680.5 MHz	690.5 MHz		
15	DFT-s	15	π/2 BPSK	1	39		25.4		0	25.4		25.4		0	25.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						133600	136100	138600	MPR	Maximum Output Power	133600	136100	138600	MPR	Maximum Output Power
						668 MHz	680.5 MHz	693 MHz			668 MHz	680.5 MHz	693 MHz		
10	DFT-s	15	π/2 BPSK	1	26	25.1	25.4	25.2	0	25.4	25.1	25.4	25.2	0	25.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						133100	136100	139100	MPR	Maximum Output Power	133100	136100	139100	MPR	Maximum Output Power
						665.5 MHz	680.5 MHz	695.5 MHz			665.5 MHz	680.5 MHz	695.5 MHz		
5	DFT-s	15	π/2 BPSK	1	12	25.2	25.3	25.2	0	25.4	25.2	25.3	25.2	0	25.4

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

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						633332	633332	633332	MPR	Maximum Output Power	633332	633332	633332	MPR	Maximum Output Power
						3499.98 MHz	3499.98 MHz	3499.98 MHz			3499.98 MHz	3499.98 MHz	3499.98 MHz		
100	DFT-s	30	π/2 BPSK	1	1	[redacted]	22.6	[redacted]	0	22.8	[redacted]	20.1	[redacted]	0	20.8
				1	136		22.6		0	22.8		20.1		0	20.8
				1	271		22.5		0	22.8		20.1		0	20.8
				135	69		22.7		0	22.8		20.1		0	20.8
			QPSK	1	1		22.5		0	22.8		20.1		0	20.8
				1	136		22.4		0	22.8		20.0		0	20.8
				1	271		22.4		0	22.8		20.1		0	20.8
				135	69		22.2		0	22.8		20.0		0	20.8

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						633000	633332	633666	MPR	Maximum Output Power	633000	633332	633666	MPR	Maximum Output Power
						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	[redacted]	22.4	[redacted]	0	22.8	[redacted]	20.1	[redacted]	0	20.8

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						632666	633332	634000	MPR	Maximum Output Power	632666	633332	634000	MPR	Maximum Output Power
						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	[redacted]	22.3	[redacted]	0	22.8	[redacted]	20.1	[redacted]	0	20.8

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						632332	633332	634332	MPR	Maximum Output Power	632332	633332	634332	MPR	Maximum Output Power
						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	[redacted]	22.4	[redacted]	0	22.8	[redacted]	20.1	[redacted]	0	20.8

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						632000	633332	634666	MPR	Maximum Output Power	632000	633332	634666	MPR	Maximum Output Power
						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	[redacted]	22.5	[redacted]	0	22.8	[redacted]	20.2	[redacted]	0	20.8

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						631666	633332	635000	MPR	Maximum Output Power	631666	633332	635000	MPR	Maximum Output Power
						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	[redacted]	22.4	[redacted]	0	22.8	[redacted]	20.1	[redacted]	0	20.8

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						631332	633332	635332	MPR	Maximum Output Power	631332	633332	635332	MPR	Maximum Output Power
						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	[redacted]	22.4	[redacted]	0	22.8	[redacted]	20.1	[redacted]	0	20.8

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						631000	633332	635666	MPR	Maximum Output Power	631000	633332	635666	MPR	Maximum Output Power
						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	22.1	22.3	22.1	0	22.8	19.8	19.9	19.9	0	20.8

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						630666	633332	636000	MPR	Maximum Output Power	630666	633332	636000	MPR	Maximum Output Power
						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	22.3	22.3	22.3	0	22.8	20.0	20.0	19.9	0	20.8

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						630500	633332	636166	MPR	Maximum Output Power	630500	633332	636166	MPR	Maximum Output Power
						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	22.2	22.3	22.3	0	22.8	20.0	19.8	20.0	0	20.8

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						630332	633332	636332	MPR	Maximum Output Power	630332	633332	636332	MPR	Maximum Output Power
						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	22.3	22.1	22.4	0	22.8	20.0	20.0	20.0	0	20.8

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

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)								Reduced Average Power (dBm)							
						650000	652400	654800	657200	659600	662000	MPR	Maximum Output Power	650000	652400	654800	657200	659600	662000	MPR	Maximum Output Power
						3750 MHz	3786 MHz	3822 MHz	3858 MHz	3894 MHz	3930 MHz			3750 MHz	3786 MHz	3822 MHz	3858 MHz	3894 MHz	3930 MHz		
100	DFT-s	30	π/2 BPSK	1	1				22.5			0	22.8				20.0			0	20.8
				1	136				22.7			0	22.8				20.1			0	20.8
				1	271				22.4			0	22.8				19.9			0	20.8
				135	69				22.8			0	22.8				20.1			0	20.8
			QPSK	1	1				22.5			0	22.8				20.1			0	20.8
				1	136				22.4			0	22.8				20.0			0	20.8
				1	271				22.3			0	22.8				20.1			0	20.8
				135	69				22.3			0	22.8				19.9			0	20.8

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)								Reduced Average Power (dBm)							
						649666	652200	654732	657266	659800	662332	MPR	Maximum Output Power	649666	652200	654732	657266	659800	662332	MPR	Maximum Output Power
						3744.99 MHz	3783 MHz	3820.98 MHz	3858.99 MHz	3897 MHz	3934.98 MHz			3744.99 MHz	3783 MHz	3820.98 MHz	3858.99 MHz	3897 MHz	3934.98 MHz		
90	DFT-s	30	π/2 BPSK	1	122				22.3			0	22.8				20.2			0	20.8

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)								Reduced Average Power (dBm)							
						649332	652000	654666	657332	660000	662666	MPR	Maximum Output Power	649332	652000	654666	657332	660000	662666	MPR	Maximum Output Power
						3739.98 MHz	3780 MHz	3819.99 MHz	3859.98 MHz	3900 MHz	3939.99 MHz			3739.98 MHz	3780 MHz	3819.99 MHz	3859.98 MHz	3900 MHz	3939.99 MHz		
80	DFT-s	30	π/2 BPSK	1	108				22.3			0	22.8				20.1			0	20.8

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)								Reduced Average Power (dBm)							
						649000	651800	654600	657400	660200	663000	MPR	Maximum Output Power	649000	651800	654600	657400	660200	663000	MPR	Maximum Output Power
						3735 MHz	3777 MHz	3819 MHz	3861 MHz	3903 MHz	3945 MHz			3735 MHz	3777 MHz	3819 MHz	3861 MHz	3903 MHz	3945 MHz		
70	DFT-s	30	π/2 BPSK	1	94				22.3			0	22.8				20.0			0	20.8

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)								Reduced Average Power (dBm)							
						648666	651600	654532	657466	660400	663332	MPR	Maximum Output Power	648666	651600	654532	657466	660400	663332	MPR	Maximum Output Power
						3729.99 MHz	3774 MHz	3817.98 MHz	3861.99 MHz	3906 MHz	3949.98 MHz			3729.99 MHz	3774 MHz	3817.98 MHz	3861.99 MHz	3906 MHz	3949.98 MHz		
60	DFT-s	30	π/2 BPSK	1	81				22.3			0	22.8				20.2			0	20.8

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)								Reduced Average Power (dBm)							
						648332	651400	654466	657532	660600	663666	MPR	Maximum Output Power	648332	651400	654466	657532	660600	663666	MPR	Maximum Output Power
						3724.98 MHz	3771 MHz	3816.99 MHz	3862.98 MHz	3909 MHz	3954.99 MHz			3724.98 MHz	3771 MHz	3816.99 MHz	3862.98 MHz	3909 MHz	3954.99 MHz		
50	DFT-s	30	π/2 BPSK	1	66				22.3			0	22.8				20.1			0	20.8

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)								Reduced Average Power (dBm)							
						648000	651200	654400	657600	660800	664000	MPR	Maximum Output Power	648000	651200	654400	657600	660800	664000	MPR	Maximum Output Power
						3720 MHz	3768 MHz	3816 MHz	3864 MHz	3912 MHz	3960 MHz			3720 MHz	3768 MHz	3816 MHz	3864 MHz	3912 MHz	3960 MHz		
40	DFT-s	30	π/2 BPSK	1	53	22.6	22.5	22.5	22.4	22.4	22.5	0	22.8	20.2	20.1	20.0	20.1	19.9	19.9	0	20.8

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)								Reduced Average Power (dBm)							
						647666	651000	654332	657666	661000	664332	MPR	Maximum Output Power	647666	651000	654332	657666	661000	664332	MPR	Maximum Output Power
						3714.99 MHz	3765 MHz	3814.98 MHz	3864.99 MHz	3915 MHz	3964.98 MHz			3714.99 MHz	3765 MHz	3814.98 MHz	3864.99 MHz	3915 MHz	3964.98 MHz		
30	DFT-s	30	π/2 BPSK	1	39	22.6	22.5	22.6	22.5	22.5	22.5	0	22.8	20.0	20.2	20.0	20.2	19.9	19.9	0	20.8

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)								Reduced Average Power (dBm)							
						647332	650800	654266	657732	661200	664666	MPR	Maximum Output Power	647332	650800	654266	657732	661200	664666	MPR	Maximum Output Power
						3709.98 MHz	3762 MHz	3813.99 MHz	3865.98 MHz	3918 MHz	3969.99 MHz			3709.98 MHz	3762 MHz	3813.99 MHz	3865.98 MHz	3918 MHz	3969.99 MHz		
20	DFT-s	30	π/2 BPSK	1	25	22.5	22.5	22.4	22.4	22.4	22.5	0	22.8	20.1	20.1	20.0	20.0	20.0	20.2	0	20.8

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)								Reduced Average Power (dBm)							
						647166	650700	654232	657766	661300	664832	MPR	Maximum Output Power	647166	650700	654232	657766	661300	664832	MPR	Maximum Output Power
						3707.49 MHz	3760.5 MHz	3813.48 MHz	3866.49 MHz	3919.5 MHz	3972.48 MHz			3707.49 MHz	3760.5 MHz	3813.48 MHz	3866.49 MHz	3919.5 MHz	3972.48 MHz		
15	DFT-s	30	π/2 BPSK	1	19	22.5	22.5	22.5	22.5	22.5	22.5	0	22.8	20.0	20.1	20.0	20.1	20.0	20.2	0	20.8

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)								Reduced Average Power (dBm)							
						647000	650600	654200	657800	661400	665000	MPR	Maximum Output Power	647000	650600	654200	657800	661400	665000	MPR	Maximum Output Power
						3705 MHz	3759 MHz	3813 MHz	3867 MHz	3921 MHz	3975 MHz			3705 MHz	3759 MHz	3813 MHz	3867 MHz	3921 MHz	3975 MHz		
10	DFT-s	30	π/2 BPSK	1	12	22.5	22.4	22.5	22.4	22.3	22.4	0	22.8	19.9	19.9	20.1	20.1	20.0	20.1	0	20.8

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

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						633332	633332	633332	MPR	Maximum Output Power	633332	633332	633332	MPR	Maximum Output Power
						3499.98 MHz	3499.98 MHz	3499.98 MHz			3499.98 MHz	3499.98 MHz	3499.98 MHz		
100	DFT-s	30	π/2 BPSK	1	1		18.2		0	18.7		17.1		0	18.1
				1	136		18.2		0	18.7		17.1		0	18.1
				1	271		18.2		0	18.7		17.1		0	18.1
				135	69		18.2		0	18.7		17.1		0	18.1
			QPSK	1	1		18.3		0	18.7		17.2		0	18.1
				1	136		18.3		0	18.7		17.4		0	18.1
				1	271		18.1		0	18.7		17.2		0	18.1
				135	69		18.2		0	18.7		17.3		0	18.1
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						633000	633332	633666	MPR	Maximum Output Power	633000	633332	633666	MPR	Maximum Output Power
						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		18.1		0	18.7		17.1		0	18.1
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						632666	633332	634000	MPR	Maximum Output Power	632666	633332	634000	MPR	Maximum Output Power
						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		18.3		0	18.7		17.2		0	18.1
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						632332	633332	634332	MPR	Maximum Output Power	632332	633332	634332	MPR	Maximum Output Power
						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		18.3		0	18.7		17.3		0	18.1
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						632000	633332	634666	MPR	Maximum Output Power	632000	633332	634666	MPR	Maximum Output Power
						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		18.1		0	18.7		17.3		0	18.1
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						631666	633332	635000	MPR	Maximum Output Power	631666	633332	635000	MPR	Maximum Output Power
						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		18.2		0	18.7		17.1		0	18.1
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						631332	633332	635332	MPR	Maximum Output Power	631332	633332	635332	MPR	Maximum Output Power
						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	18.7		17.2		0	18.1
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						631000	633332	635666	MPR	Maximum Output Power	631000	633332	635666	MPR	Maximum Output Power
						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	18.2	18.2	18.1	0	18.7	17.2	17.3	17.4	0	18.1
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						630666	633332	636000	MPR	Maximum Output Power	630666	633332	636000	MPR	Maximum Output Power
						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	18.2	18.3	18.2	0	18.7	17.3	17.3	17.3	0	18.1
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						630500	633332	636166	MPR	Maximum Output Power	630500	633332	636166	MPR	Maximum Output Power
						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	18.3	18.2	18.4	0	18.7	17.2	17.2	17.2	0	18.1
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						630332	633332	636332	MPR	Maximum Output Power	630332	633332	636332	MPR	Maximum Output Power
						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	18.1	18.1	18.2	0	18.7	17.4	17.3	17.3	0	18.1

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

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)								Reduced Average Power (dBm)							
						650000	652400	654800	657200	659600	662000	MPR	Maximum Output Power	650000	652400	654800	657200	659600	662000	MPR	Maximum Output Power
						3750 MHz	3786 MHz	3822 MHz	3858 MHz	3894 MHz	3930 MHz			3750 MHz	3786 MHz	3822 MHz	3858 MHz	3894 MHz	3930 MHz		
100	DFT-s	30	π/2 BPSK	1	1				18.2			0	18.7				17.1			0	18.1
				1	136				18.5			0	18.7				17.4			0	18.1
				1	271				18.2			0	18.7				17.2			0	18.1
				135	69				18.5			0	18.7				17.4			0	18.1
			QPSK	1	1				18.2			0	18.7				17.2			0	18.1
				1	136				18.2			0	18.7				17.1			0	18.1
				1	271				18.4			0	18.7				17.3			0	18.1
				135	69				18.4			0	18.7				17.0			0	18.1
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)								Reduced Average Power (dBm)							
						649666	652200	654732	657266	659800	662332	MPR	Maximum Output Power	649666	652200	654732	657266	659800	662332	MPR	Maximum Output Power
						3744.99 MHz	3783 MHz	3820.98 MHz	3858.99 MHz	3897 MHz	3934.98 MHz			3744.99 MHz	3783 MHz	3820.98 MHz	3858.99 MHz	3897 MHz	3934.98 MHz		
90	DFT-s	30	π/2 BPSK	1	122				18.3			0	18.7				17.5			0	18.1
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)								Reduced Average Power (dBm)							
						649332	652000	654666	657332	660000	662666	MPR	Maximum Output Power	649332	652000	654666	657332	660000	662666	MPR	Maximum Output Power
						3739.98 MHz	3780 MHz	3819.99 MHz	3859.98 MHz	3900 MHz	3939.99 MHz			3739.98 MHz	3780 MHz	3819.99 MHz	3859.98 MHz	3900 MHz	3939.99 MHz		
80	DFT-s	30	π/2 BPSK	1	108				18.2			0	18.7				17.6			0	18.1
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)								Reduced Average Power (dBm)							
						649000	651800	654600	657400	660200	663000	MPR	Maximum Output Power	649000	651800	654600	657400	660200	663000	MPR	Maximum Output Power
						3735 MHz	3777 MHz	3819 MHz	3861 MHz	3903 MHz	3945 MHz			3735 MHz	3777 MHz	3819 MHz	3861 MHz	3903 MHz	3945 MHz		
70	DFT-s	30	π/2 BPSK	1	94				18.3			0	18.7				17.4			0	18.1
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)								Reduced Average Power (dBm)							
						648666	651600	654532	657466	660400	663332	MPR	Maximum Output Power	648666	651600	654532	657466	660400	663332	MPR	Maximum Output Power
						3729.99 MHz	3774 MHz	3817.98 MHz	3861.99 MHz	3906 MHz	3949.98 MHz			3729.99 MHz	3774 MHz	3817.98 MHz	3861.99 MHz	3906 MHz	3949.98 MHz		
60	DFT-s	30	π/2 BPSK	1	81				18.3			0	18.7				17.5			0	18.1
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)								Reduced Average Power (dBm)							
						648332	651400	654466	657532	660600	663666	MPR	Maximum Output Power	648332	651400	654466	657532	660600	663666	MPR	Maximum Output Power
						3724.98 MHz	3771 MHz	3816.99 MHz	3862.98 MHz	3909 MHz	3954.99 MHz			3724.98 MHz	3771 MHz	3816.99 MHz	3862.98 MHz	3909 MHz	3954.99 MHz		
50	DFT-s	30	π/2 BPSK	1	66				18.1			0	18.7				17.6			0	18.1
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)								Reduced Average Power (dBm)							
						648000	651200	654400	657600	660800	664000	MPR	Maximum Output Power	648000	651200	654400	657600	660800	664000	MPR	Maximum Output Power
						3720 MHz	3768 MHz	3816 MHz	3864 MHz	3912 MHz	3960 MHz			3720 MHz	3768 MHz	3816 MHz	3864 MHz	3912 MHz	3960 MHz		
40	DFT-s	30	π/2 BPSK	1	53	18.3	18.2	18.2	18.1	18.1	18.2	0	18.7	17.6	17.7	17.5	17.5	17.5	17.5	0	18.1
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)								Reduced Average Power (dBm)							
						647666	651000	654332	657666	661000	664332	MPR	Maximum Output Power	647666	651000	654332	657666	661000	664332	MPR	Maximum Output Power
						3714.99 MHz	3765 MHz	3814.98 MHz	3864.99 MHz	3915 MHz	3964.98 MHz			3714.99 MHz	3765 MHz	3814.98 MHz	3864.99 MHz	3915 MHz	3964.98 MHz		
30	DFT-s	30	π/2 BPSK	1	39	18.2	18.2	18.4	18.2	18.2	18.1	0	18.7	17.6	17.7	17.6	17.4	17.4	17.6	0	18.1
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)								Reduced Average Power (dBm)							
						647332	650800	654266	657732	661200	664666	MPR	Maximum Output Power	647332	650800	654266	657732	661200	664666	MPR	Maximum Output Power
						3709.98 MHz	3762 MHz	3813.99 MHz	3865.98 MHz	3918 MHz	3969.99 MHz			3709.98 MHz	3762 MHz	3813.99 MHz	3865.98 MHz	3918 MHz	3969.99 MHz		
20	DFT-s	30	π/2 BPSK	1	25	18.1	18.2	18.4	18.3	18.2	18.1	0	18.7	17.5	17.6	17.6	17.4	17.6	17.4	0	18.1
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)								Reduced Average Power (dBm)							
						647166	650700	654232	657766	661300	664832	MPR	Maximum Output Power	647166	650700	654232	657766	661300	664832	MPR	Maximum Output Power
						3707.49 MHz	3760.5 MHz	3813.48 MHz	3866.49 MHz	3919.5 MHz	3972.48 MHz			3707.49 MHz	3760.5 MHz	3813.48 MHz	3866.49 MHz	3919.5 MHz	3972.48 MHz		
15	DFT-s	30	π/2 BPSK	1	19	18.2	18.2	18.3	18.3	18.3	18.3	0	18.7	17.7	17.6	17.5	17.4	17.7	17.5	0	18.1
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)								Reduced Average Power (dBm)							
						647000	650600	654200	657800	661400	665000	MPR	Maximum Output Power	647000	650600	654200	657800	661400	665000	MPR	Maximum Output Power
						3705 MHz	3759 MHz	3813 MHz	3867 MHz	3921 MHz	3975 MHz			3705 MHz	3759 MHz	3813 MHz	3867 MHz	3921 MHz	3975 MHz		
10	DFT-s	30	π/2 BPSK	1	12	18.3	18.4	18.2	18.2	18.3	18.3	0	18.7	17.6	17.4	17.7	17.6	17.5	17.6	0	18.1

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

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						633332	633332	633332	MPR	Maximum Output Power	633332	633332	633332	MPR	Maximum Output Power
						3499.98 MHz	3499.98 MHz	3499.98 MHz			3499.98 MHz	3499.98 MHz	3499.98 MHz		
100	DFT-s	30	π/2 BPSK	1	1		18.3		0	18.5		17.2		0	17.4
				1	136		18.5		0	18.5		17.3		0	17.4
				1	271		18.3		0	18.5		17.2		0	17.4
				135	69		18.5		0	18.5		17.3		0	17.4
			QPSK	1	1		18.3		0	18.5		17.1		0	17.4
				1	136		18.4		0	18.5		17.1		0	17.4
				1	271		18.3		0	18.5		17.1		0	17.4
				135	69		18.4		0	18.5		17.2		0	17.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						633000	633332	633666	MPR	Maximum Output Power	633000	633332	633666	MPR	Maximum Output Power
						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		18.3		0	18.5		17.2		0	17.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						632666	633332	634000	MPR	Maximum Output Power	632666	633332	634000	MPR	Maximum Output Power
						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		18.3		0	18.5		17.2		0	17.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						632332	633332	634332	MPR	Maximum Output Power	632332	633332	634332	MPR	Maximum Output Power
						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		18.3		0	18.5		17.1		0	17.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						632000	633332	634666	MPR	Maximum Output Power	632000	633332	634666	MPR	Maximum Output Power
						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		18.2		0	18.5		17.3		0	17.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						631666	633332	635000	MPR	Maximum Output Power	631666	633332	635000	MPR	Maximum Output Power
						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		18.2		0	18.5		17.2		0	17.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						631332	633332	635332	MPR	Maximum Output Power	631332	633332	635332	MPR	Maximum Output Power
						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		18.2		0	18.5		17.3		0	17.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						631000	633332	635666	MPR	Maximum Output Power	631000	633332	635666	MPR	Maximum Output Power
						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	18.2	18.2	18.4	0	18.5	17.1	17.1	17.1	0	17.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						630666	633332	636000	MPR	Maximum Output Power	630666	633332	636000	MPR	Maximum Output Power
						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	18.4	18.3	18.3	0	18.5	17.3	17.2	17.1	0	17.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						630500	633332	636166	MPR	Maximum Output Power	630500	633332	636166	MPR	Maximum Output Power
						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	18.4	18.3	18.3	0	18.5	17.1	17.2	17.2	0	17.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						630332	633332	636332	MPR	Maximum Output Power	630332	633332	636332	MPR	Maximum Output Power
						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	18.2	18.4	18.2	0	18.5	17.2	17.3	17.3	0	17.4

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

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)								Reduced Average Power (dBm)							
						650000	652400	654800	657200	659600	662000	MPR	Maximum Output Power	650000	652400	654800	657200	659600	662000	MPR	Maximum Output Power
						3750 MHz	3786 MHz	3822 MHz	3858 MHz	3894 MHz	3930 MHz			3750 MHz	3786 MHz	3822 MHz	3858 MHz	3894 MHz	3930 MHz		
100	DFT-s	30	π/2 BPSK	1	1				18.3			0	18.5				17.2			0	17.4
				1	136				18.5			0	18.5				17.4			0	17.4
				1	271				18.4			0	18.5				17.2			0	17.4
				135	69				18.5			0	18.5				17.4			0	17.4
			QPSK	1	1				18.3			0	18.5				17.2			0	17.4
				1	136				18.2			0	18.5				17.2			0	17.4
				1	271				18.4			0	18.5				17.1			0	17.4
				135	69				18.3			0	18.5				17.3			0	17.4

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)								Reduced Average Power (dBm)							
						649666	652200	654732	657266	659800	662332	MPR	Maximum Output Power	649666	652200	654732	657266	659800	662332	MPR	Maximum Output Power
						3744.99 MHz	3783 MHz	3820.98 MHz	3858.99 MHz	3897 MHz	3934.98 MHz			3744.99 MHz	3783 MHz	3820.98 MHz	3858.99 MHz	3897 MHz	3934.98 MHz		
90	DFT-s	30	π/2 BPSK	1	122				18.2			0	18.5				17.1			0	17.4

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)								Reduced Average Power (dBm)							
						649332	652000	654666	657332	660000	662666	MPR	Maximum Output Power	649332	652000	654666	657332	660000	662666	MPR	Maximum Output Power
						3739.98 MHz	3780 MHz	3819.99 MHz	3859.98 MHz	3900 MHz	3939.99 MHz			3739.98 MHz	3780 MHz	3819.99 MHz	3859.98 MHz	3900 MHz	3939.99 MHz		
80	DFT-s	30	π/2 BPSK	1	108				18.2			0	18.5				17.3			0	17.4

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)								Reduced Average Power (dBm)							
						649000	651800	654600	657400	660200	663000	MPR	Maximum Output Power	649000	651800	654600	657400	660200	663000	MPR	Maximum Output Power
						3735 MHz	3777 MHz	3819 MHz	3861 MHz	3903 MHz	3945 MHz			3735 MHz	3777 MHz	3819 MHz	3861 MHz	3903 MHz	3945 MHz		
70	DFT-s	30	π/2 BPSK	1	94				18.2			0	18.5				17.2			0	17.4

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)								Reduced Average Power (dBm)							
						648666	651600	654532	657466	660400	663332	MPR	Maximum Output Power	648666	651600	654532	657466	660400	663332	MPR	Maximum Output Power
						3729.99 MHz	3774 MHz	3817.98 MHz	3861.99 MHz	3906 MHz	3949.98 MHz			3729.99 MHz	3774 MHz	3817.98 MHz	3861.99 MHz	3906 MHz	3949.98 MHz		
60	DFT-s	30	π/2 BPSK	1	81				18.1			0	18.5				17.1			0	17.4

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)								Reduced Average Power (dBm)							
						648332	651400	654466	657532	660600	663666	MPR	Maximum Output Power	648332	651400	654466	657532	660600	663666	MPR	Maximum Output Power
						3724.98 MHz	3771 MHz	3816.99 MHz	3862.98 MHz	3909 MHz	3954.99 MHz			3724.98 MHz	3771 MHz	3816.99 MHz	3862.98 MHz	3909 MHz	3954.99 MHz		
50	DFT-s	30	π/2 BPSK	1	66				18.3			0	18.5				17.2			0	17.4

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)								Reduced Average Power (dBm)							
						648000	651200	654400	657600	660800	664000	MPR	Maximum Output Power	648000	651200	654400	657600	660800	664000	MPR	Maximum Output Power
						3720 MHz	3768 MHz	3816 MHz	3864 MHz	3912 MHz	3960 MHz			3720 MHz	3768 MHz	3816 MHz	3864 MHz	3912 MHz	3960 MHz		
40	DFT-s	30	π/2 BPSK	1	53	18.2	18.2	18.3	18.4	18.2	18.4	0	18.5	17.3	17.1	17.2	17.2	17.2	17.3	0	17.4

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)								Reduced Average Power (dBm)							
						647666	651000	654332	657666	661000	664332	MPR	Maximum Output Power	647666	651000	654332	657666	661000	664332	MPR	Maximum Output Power
						3714.99 MHz	3765 MHz	3814.98 MHz	3864.99 MHz	3915 MHz	3964.98 MHz			3714.99 MHz	3765 MHz	3814.98 MHz	3864.99 MHz	3915 MHz	3964.98 MHz		
30	DFT-s	30	π/2 BPSK	1	39	18.2	18.3	18.1	18.4	18.1	18.2	0	18.5	17.3	17.3	17.2	17.3	17.2	17.2	0	17.4

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)								Reduced Average Power (dBm)							
						647332	650800	654266	657732	661200	664666	MPR	Maximum Output Power	647332	650800	654266	657732	661200	664666	MPR	Maximum Output Power
						3709.98 MHz	3762 MHz	3813.99 MHz	3865.98 MHz	3918 MHz	3969.99 MHz			3709.98 MHz	3762 MHz	3813.99 MHz	3865.98 MHz	3918 MHz	3969.99 MHz		
20	DFT-s	30	π/2 BPSK	1	25	18.2	18.3	18.2	18.1	18.4	18.3	0	18.5	17.2	17.2	17.2	17.1	17.1	17.3	0	17.4

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)								Reduced Average Power (dBm)							
						647166	650700	654232	657766	661300	664832	MPR	Maximum Output Power	647166	650700	654232	657766	661300	664832	MPR	Maximum Output Power
						3707.49 MHz	3760.5 MHz	3813.48 MHz	3866.49 MHz	3919.5 MHz	3972.48 MHz			3707.49 MHz	3760.5 MHz	3813.48 MHz	3866.49 MHz	3919.5 MHz	3972.48 MHz		
15	DFT-s	30	π/2 BPSK	1	19	18.4	18.2	18.1	18.3	18.1	18.3	0	18.5	17.1	17.3	17.2	17.1	17.2	17.1	0	17.4

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)								Reduced Average Power (dBm)							
						647000	650600	654200	657800	661400	665000	MPR	Maximum Output Power	647000	650600	654200	657800	661400	665000	MPR	Maximum Output Power
						3705 MHz	3759 MHz	3813 MHz	3867 MHz	3921 MHz	3975 MHz			3705 MHz	3759 MHz	3813 MHz	3867 MHz	3921 MHz	3975 MHz		
10	DFT-s	30	π/2 BPSK	1	12	18.1	18.4	18.3	18.1	18.2	18.3	0	18.5	17.2	17.3	17.3	17.2	17.3	17.1	0	17.4

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

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						633332	633332	633332	MPR	Tune-up Limit	633332	633332	633332	MPR	Tune-up Limit
						3499.98 MHz	3499.98 MHz	3499.98 MHz			3499.98 MHz	3499.98 MHz	3499.98 MHz		
100	DFT-s	30	π/2 BPSK	1	1		20.0		0	21		19.5		0	19.9
				1	136		20.0		0	21		19.5		0	19.9
				1	271		19.7		0	21		19.5		0	19.9
				135	69		20.0		0	21		19.5		0	19.9
			QPSK	1	1		20.0		0	21		19.5		0	19.9
				1	136		20.0		0	21		19.5		0	19.9
				1	271		19.7		0	21		19.5		0	19.9
				135	69		19.9		0	21		19.5		0	19.9
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						633000	633332	633666	MPR	Tune-up Limit	633000	633332	633666	MPR	Tune-up Limit
						3495 MHz	3499.98 MHz	3504.99 MHz			3495 MHz	3499.98 MHz	3504.99 MHz		
90	DFT-s	30	π/2 BPSK	1	122		20.0		0	21		19.5		0	19.9
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						632666	633332	634000	MPR	Tune-up Limit	632666	633332	634000	MPR	Tune-up Limit
						3489.99 MHz	3499.98 MHz	3510 MHz			3489.99 MHz	3499.98 MHz	3510 MHz		
80	DFT-s	30	π/2 BPSK	1	108		20.1		0	21		19.5		0	19.9
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						632332	633332	634332	MPR	Tune-up Limit	632332	633332	634332	MPR	Tune-up Limit
						3484.98 MHz	3499.98 MHz	3514.98 MHz			3484.98 MHz	3499.98 MHz	3514.98 MHz		
70	DFT-s	30	π/2 BPSK	1	94		20.0		0	21		19.5		0	19.9
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						632000	633332	634666	MPR	Tune-up Limit	632000	633332	634666	MPR	Tune-up Limit
						3480 MHz	3499.98 MHz	3519.99 MHz			3480 MHz	3499.98 MHz	3519.99 MHz		
60	DFT-s	30	π/2 BPSK	1	81		20.0		0	21		19.5		0	19.9
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						631666	633332	635000	MPR	Tune-up Limit	631666	633332	635000	MPR	Tune-up Limit
						3474.99 MHz	3499.98 MHz	3525 MHz			3474.99 MHz	3499.98 MHz	3525 MHz		
50	DFT-s	30	π/2 BPSK	1	66		20.0		0	21		19.5		0	19.9
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						631332	633332	635332	MPR	Tune-up Limit	631332	633332	635332	MPR	Tune-up Limit
						3469.98 MHz	3499.98 MHz	3529.98 MHz			3469.98 MHz	3499.98 MHz	3529.98 MHz		
40	DFT-s	30	π/2 BPSK	1	53		20.1		0	21		19.3		0	19.9
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						631000	633332	635666	MPR	Tune-up Limit	631000	633332	635666	MPR	Tune-up Limit
						3465 MHz	3499.98 MHz	3534.99 MHz			3465 MHz	3499.98 MHz	3534.99 MHz		
30	DFT-s	30	π/2 BPSK	1	39	20.1	20.1	20.1	0	21	19.5	19.5	19.5	0	19.9
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						630666	633332	636000	MPR	Tune-up Limit	630666	633332	636000	MPR	Tune-up Limit
						3459.99 MHz	3499.98 MHz	3540 MHz			3459.99 MHz	3499.98 MHz	3540 MHz		
20	DFT-s	30	π/2 BPSK	1	25	20.1	20.1	20.1	0	21	19.5	19.5	19.5	0	19.9
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						630500	633332	636166	MPR	Tune-up Limit	630500	633332	636166	MPR	Tune-up Limit
						3457.5 MHz	3499.98 MHz	3542.49 MHz			3457.5 MHz	3499.98 MHz	3542.49 MHz		
15	DFT-s	30	π/2 BPSK	1	19	20.1	20.1	20.1	0	21	19.5	19.5	19.5	0	19.9
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)					Reduced Average Power (dBm)				
						630332	633332	636332	MPR	Tune-up Limit	630332	633332	636332	MPR	Tune-up Limit
						3454.98 MHz	3499.98 MHz	3544.98 MHz			3454.98 MHz	3499.98 MHz	3544.98 MHz		
10	DFT-s	30	π/2 BPSK	1	12	20.1	20.1	20.1	0	21	19.5	19.5	19.5	0	19.9

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

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)								Reduced Average Power (dBm)							
						650000	652400	654800	657200	659600	662000	MPR	Tune-up Limit	650000	652400	654800	657200	659600	662000	MPR	Tune-up Limit
						3750 MHz	3786 MHz	3822 MHz	3858 MHz	3894 MHz	3930 MHz			3750 MHz	3786 MHz	3822 MHz	3858 MHz	3894 MHz	3930 MHz		
100	DFT-s	30	π/2 BPSK	1	1				19.8			0	21				19.5			0	19.9
				1	136				20.1			0	21				19.5			0	19.9
				1	271				20.0			0	21				19.4			0	19.9
				135	69				20.0			0	21				19.5			0	19.9
			QPSK	1	1				20.0			0	21				19.4			0	19.9
				1	136				20.0			0	21				19.4			0	19.9
				1	271				20.0			0	21				19.4			0	19.9
				135	69				20.0			0	21				19.4			0	19.9
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)								Reduced Average Power (dBm)							
						649666	652200	654732	657266	659800	662332	MPR	Tune-up Limit	649666	652200	654732	657266	659800	662332	MPR	Tune-up Limit
						3744.99 MHz	3783 MHz	3820.98 MHz	3858.99 MHz	3897 MHz	3934.98 MHz			3744.99 MHz	3783 MHz	3820.98 MHz	3858.99 MHz	3897 MHz	3934.98 MHz		
90	DFT-s	30	π/2 BPSK	1	122				20.0			0	21				19.4			0	19.9
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)								Reduced Average Power (dBm)							
						649332	652000	654666	657332	660000	662666	MPR	Tune-up Limit	649332	652000	654666	657332	660000	662666	MPR	Tune-up Limit
						3739.98 MHz	3780 MHz	3819.99 MHz	3859.98 MHz	3900 MHz	3939.99 MHz			3739.98 MHz	3780 MHz	3819.99 MHz	3859.98 MHz	3900 MHz	3939.99 MHz		
80	DFT-s	30	π/2 BPSK	1	108				20.0			0	21				19.4			0	19.9
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)								Reduced Average Power (dBm)							
						649000	651800	654600	657400	660200	663000	MPR	Tune-up Limit	649000	651800	654600	657400	660200	663000	MPR	Tune-up Limit
						3735 MHz	3777 MHz	3819 MHz	3861 MHz	3903 MHz	3945 MHz			3735 MHz	3777 MHz	3819 MHz	3861 MHz	3903 MHz	3945 MHz		
70	DFT-s	30	π/2 BPSK	1	94				20.0			0	21				19.4			0	19.9
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)								Reduced Average Power (dBm)							
						648666	651600	654532	657466	660400	663332	MPR	Tune-up Limit	648666	651600	654532	657466	660400	663332	MPR	Tune-up Limit
						3729.99 MHz	3774 MHz	3817.98 MHz	3861.99 MHz	3906 MHz	3949.98 MHz			3729.99 MHz	3774 MHz	3817.98 MHz	3861.99 MHz	3906 MHz	3949.98 MHz		
60	DFT-s	30	π/2 BPSK	1	81				20.0			0	21				19.4			0	19.9
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)								Reduced Average Power (dBm)							
						648332	651400	654466	657532	660600	663666	MPR	Tune-up Limit	648332	651400	654466	657532	660600	663666	MPR	Tune-up Limit
						3724.98 MHz	3771 MHz	3816.99 MHz	3862.98 MHz	3909 MHz	3954.99 MHz			3724.98 MHz	3771 MHz	3816.99 MHz	3862.98 MHz	3909 MHz	3954.99 MHz		
50	DFT-s	30	π/2 BPSK	1	66				20.0			0	21				19.4			0	19.9
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)								Reduced Average Power (dBm)							
						648000	651200	654400	657600	660800	664000	MPR	Tune-up Limit	648000	651200	654400	657600	660800	664000	MPR	Tune-up Limit
						3720 MHz	3768 MHz	3816 MHz	3864 MHz	3912 MHz	3960 MHz			3720 MHz	3768 MHz	3816 MHz	3864 MHz	3912 MHz	3960 MHz		
40	DFT-s	30	π/2 BPSK	1	53	20.0	20.0	20.0	20.0	20.0	20.0	0	21	19.4	19.4	19.4	19.4	19.4	19.4	0	19.9
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)								Reduced Average Power (dBm)							
						647666	651000	654332	657666	661000	664332	MPR	Tune-up Limit	647666	651000	654332	657666	661000	664332	MPR	Tune-up Limit
						3714.99 MHz	3765 MHz	3814.98 MHz	3864.99 MHz	3915 MHz	3964.98 MHz			3714.99 MHz	3765 MHz	3814.98 MHz	3864.99 MHz	3915 MHz	3964.98 MHz		
30	DFT-s	30	π/2 BPSK	1	39	20.0	20.0	20.0	20.0	20.0	20.0	0	21	19.4	19.4	19.4	19.4	19.4	19.4	0	19.9
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)								Reduced Average Power (dBm)							
						647332	650800	654266	657732	661200	664666	MPR	Tune-up Limit	647332	650800	654266	657732	661200	664666	MPR	Tune-up Limit
						3709.98 MHz	3762 MHz	3813.99 MHz	3865.98 MHz	3918 MHz	3969.99 MHz			3709.98 MHz	3762 MHz	3813.99 MHz	3865.98 MHz	3918 MHz	3969.99 MHz		
20	DFT-s	30	π/2 BPSK	1	25	20.0	20.0	20.0	20.0	20.0	20.0	0	21	19.4	19.4	19.4	19.4	19.4	19.4	0	19.9
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)								Reduced Average Power (dBm)							
						647166	650700	654232	657766	661300	664832	MPR	Tune-up Limit	647166	650700	654232	657766	661300	664832	MPR	Tune-up Limit
						3707.49 MHz	3760.5 MHz	3813.48 MHz	3866.49 MHz	3919.5 MHz	3972.48 MHz			3707.49 MHz	3760.5 MHz	3813.48 MHz	3866.49 MHz	3919.5 MHz	3972.48 MHz		
15	DFT-s	30	π/2 BPSK	1	19	20.0	20.0	20.0	20.0	20.0	20.0	0	21	19.4	19.4	19.4	19.4	19.4	19.4	0	19.9
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Maximum Average Power (dBm)								Reduced Average Power (dBm)							
						647000	650600	654200	657800	661400	665000	MPR	Tune-up Limit	647000	650600	654200	657800	661400	665000	MPR	Tune-up Limit
						3705 MHz	3759 MHz	3813 MHz	3867 MHz	3921 MHz	3975 MHz			3705 MHz	3759 MHz	3813 MHz	3867 MHz	3921 MHz	3975 MHz		
10	DFT-s	30	π/2 BPSK	1	12	20.0	20.0	20.0	20.0	20.0	20.0	0	21	19.4	19.4	19.4	19.4	19.4	19.4	0	19.9

9.7. Wi-Fi 2.4GHz (DTS Band)

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

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

Maximum Output Power for Wi-Fi 2.4 GHz

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

Channel	Frequency (MHz)	Maximum Output Power (dBm)																										
		ANT3 / ANT4																										
		SISO														MIMO												
		b (SISO)	g (SISO) Low Rate	g (SISO) Mid Rate	g (SISO) High Rate	11n/11ac HT20 (SISO) Low Rate	11n/11ac HT20 (SISO) Mid Rate	11n/11ac HT20 (SISO) High Rate	11ax HE20 (SISO) Low Rate	11ax HE20 (SISO) Mid Rate	11ax HE20 (SISO) High Rate	11ax HE20 RU242 (SISO)	11ax HE20 RU106 (SISO)	11ax HE20 RU52 (SISO)	11ax HE20 RU26 (SISO)	11n/11ac HT20 (2Tx, nonTXBF) Low Rate	11n/11ac HT20 (2Tx, nonTXBF) Mid Rate	11n/11ac HT20 (2Tx, nonTXBF) High Rate	11ax HE20 (2Tx, nonTXBF) Low Rate	11ax HE20 (2Tx, nonTXBF) Mid Rate	11ax HE20 (2Tx, nonTXBF) High Rate	11ax HE20 RU242 (2Tx, nonTxBF)	11ax HE20 RU106 (2Tx, nonTxBF)	11ax HE20 RU52 (2Tx, nonTxBF)	11ax HE20 RU26 (2Tx, nonTxBF)
1	2412	**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	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	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	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	19.98	21.50	Yes	2	2417	19.98	21.50	Yes
			6	2437	19.88	21.50		6	2437	19.88	21.50	
			11	2462	20.08	21.50		11	2462	20.08	21.50	
	ANT4	DSSS 802.11b	2	2417	20.56	21.50	Yes	2	2417	20.56	21.50	Yes
			6	2437	20.83	21.50		6	2437	20.83	21.50	
			11	2462	20.72	21.50		11	2462	20.72	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	17.20	17.50	Yes	1	2412	17.20	17.50	Yes
			6	2437	17.22	17.50		6	2437	17.22	17.50	
			11	2462	17.24	17.50		11	2462	17.24	17.50	
	ANT4	DSSS 802.11b	1	2412	16.10	17.50	Yes	1	2412	16.05	17.50	Yes
			6	2437	16.43	17.50		6	2437	16.32	17.50	
			11	2462	16.17	17.50		11	2462	16.19	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	19.98	21.00	Yes	2	2417	19.98	21.00	Yes
			6	2437	19.88	21.00		6	2437	19.88	21.00	
			11	2462	20.08	21.00		11	2462	20.08	21.00	
	ANT4	DSSS 802.11b	2	2417	20.56	21.00	Yes	2	2417	20.56	21.00	Yes
			6	2437	20.83	21.00		6	2437	20.83	21.00	
			11	2462	20.72	21.00		11	2462	20.72	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	15.85	16.50	Yes	1	2412	15.85	16.50	Yes
			6	2437	15.91	16.50		6	2437	15.91	16.50	
			11	2462	16.21	16.50		11	2462	16.21	16.50	
	ANT4	DSSS 802.11b	1	2412	16.10	16.50	Yes	1	2412	16.05	16.50	Yes
			6	2437	16.43	16.50		6	2437	16.32	16.50	
			11	2462	16.17	16.50		11	2462	16.19	16.50	

Note(s):

1. SAR is not required for channel 12 and 13 because the maximum output power and the measured output power for these two channels are not greater than those for the default test channels. Refer to KDB 248227 D01 section 3.1.

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

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

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

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

Maximum Output Power for Wi-Fi 5 GHz

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

Bandwidth	Band	Channel	Frequency (MHz)	Maximum Output Power (dBm)																																
				ANT5 / ANT6																																
				SISO													MIMO																			
				a (SISO) Low Rate	a (SISO) Mid Rate	a (SISO) High Rate	11n/11ac HT20 (SISO) Low Rate	11n/11ac HT20 (SISO) Mid Rate	11n/11ac HT20 (SISO) High Rate	11ax HE20 (SISO) Low Rate	11ax HE20 (SISO) Mid Rate	11ax HE20 (SISO) High Rate	FCC 11ax HE20 RU242 (SISO)	FCC 11ax HE20 RU106 (SISO)	FCC 11ax HE20 RU52 (SISO)	FCC 11ax HE20 RU26 (SISO)	11n/11ac HT20 (2Tx, CDD, nonTXBF) Low Rate	11n/11ac HT20 (2Tx, CDD, nonTXBF) Mid Rate	11n/11ac HT20 (2Tx, CDD, nonTXBF) High Rate	11ax HE20 (2Tx, CDD, nonTxBF) Low Rate	11ax HE20 (2Tx, CDD, nonTxBF) Mid Rate	11ax HE20 (2Tx, CDD, nonTxBF) High Rate	11ax HE20 RU242 (2Tx, CDD, nonTxBF)	11ax HE20 RU106 (2Tx, CDD, nonTxBF)	11ax HE20 RU52 (2Tx, CDD, nonTxBF)	11ax HE20 RU26 (2Tx, CDD, nonTxBF)	11n/11ac HT20 (2Tx, SDM, nonTxBF) Low Rate	11n/11ac HT20 (2Tx, SDM, nonTxBF) Mid Rate	11n/11ac HT20 (2Tx, SDM, nonTxBF) High Rate	11ax HE20 (2Tx, SDM, nonTXBF) Low Rate	11ax HE20 (2Tx, SDM, nonTXBF) Mid Rate	11ax HE20 (2Tx, SDM, nonTXBF) High Rate	11ax HE20 RU242 (2Tx, SDM, nonTxBF)	11ax HE20 RU106 (2Tx, SDM, nonTxBF)	11ax HE20 RU52 (2Tx, SDM, nonTxBF)	11ax HE20 RU26 (2Tx, SDM, nonTxBF)
20 MHz	U-NII-1	36	5180	19.0	18.8	18.5	19.0	18.8	18.5	18.5	18.3	18.0	18.0	17.5	14.5	11.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	8.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	8.5
		40	5200	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	17.5	14.5	11.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	8.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	8.5
		44	5220	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	17.5	14.5	11.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	8.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	8.5
		48	5240	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	17.5	14.5	11.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	8.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	8.5
	U-NII-2A	52	5260	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	17.5	14.5	NS	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	NS	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	NS
		56	5280	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	17.5	14.5	NS	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	NS	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	NS
		60	5300	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	17.5	14.5	NS	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	NS	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	NS
		64	5320	19.0	18.8	18.5	19.0	18.8	18.5	18.5	18.3	18.0	18.0	17.5	14.5	NS	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	NS	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	NS
	U-NII-2C	100	5500	18.8	18.5	18.3	18.8	18.5	18.3	18.5	18.3	18.0	18.0	17.5	14.5	NS	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	NS	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	NS
		104	5520	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	17.5	14.5	NS	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	NS	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	NS
		108	5540	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	17.5	14.5	NS	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	NS	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	NS
		112	5560	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	17.5	14.5	NS	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	NS	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	NS
		116	5580	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	17.5	14.5	NS	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	NS	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	NS
		120	5600	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	17.5	14.5	NS	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	NS	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	NS
		124	5620	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	17.5	14.5	NS	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	NS	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	NS
		128	5640	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	17.5	14.5	NS	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	NS	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	NS
		132	5660	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	17.5	14.5	NS	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	NS	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	NS
		136	5680	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	17.5	14.5	NS	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	NS	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	NS
		140	5700	19.0	18.5	18.0	19.0	18.5	18.0	17.0	16.8	16.5	16.5	16.5	14.5	NS	16.5	16.5	16.5	16.5	16.5	16.0	16.0	14.5	11.5	NS	16.5	16.5	16.5	16.5	16.5	16.0	16.0	14.5	11.5	NS
		144	5720	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	17.5	14.5	NS	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	NS	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	NS
	U-NII-3	149	5745	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	19.0	16.0	13.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	19.0	16.0	13.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	19.0	16.0	13.0
		153	5765	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	19.0	16.0	13.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	19.0	16.0	13.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	19.0	16.0	13.0
		157	5785	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	19.0	16.0	13.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	19.0	16.0	13.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	19.0	16.0	13.0
		161	5805	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	19.0	16.0	13.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	19.0	16.0	13.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	19.0	16.0	13.0
		165	5825	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	19.0	16.0	13.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	19.0	16.0	13.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	19.0	16.0	13.0
Bandwidth	Band	Channel	Frequency (MHz)				11n/11ac HT40 (SISO) Low Rate	11n/11ac HT40 (SISO) Mid Rate	11n/11ac HT40 (SISO) High Rate	11ax HE40 (SISO) Low Rate	11ax HE40 (SISO) Mid Rate	11ax HE40 (SISO) High Rate	FCC 11ax HE40 RU484 (SISO)	FCC 11ax HE40 RU106 (SISO)	FCC 11ax HE40 RU52 (SISO)	FCC 11ax HE40 RU26 (SISO)	11n/11ac HT40 (2Tx, CDD, nonTXBF) Low Rate	11n/11ac HT40 (2Tx, CDD, nonTXBF) Mid Rate	11n/11ac HT40 (2Tx, CDD, nonTXBF) High Rate	11ax HE40 (2Tx, CDD, nonTxBF) Low Rate	11ax HE40 (2Tx, CDD, nonTxBF) Mid Rate	11ax HE40 (2Tx, CDD, nonTxBF) High Rate	11ax HE40 RU484 (2Tx, CDD, nonTxBF)	11ax HE40 RU106 (2Tx, CDD, nonTxBF)	11ax HE40 RU52 (2Tx, CDD, nonTxBF)	11ax HE40 RU26 (2Tx, CDD, nonTxBF)	11n/11ac HT40 (2Tx, SDM, nonTxBF) Low Rate	11n/11ac HT40 (2Tx, SDM, nonTxBF) Mid Rate	11n/11ac HT40 (2Tx, SDM, nonTxBF) High Rate	11ax HE40 (2Tx, SDM, nonTXBF) Low Rate	11ax HE40 (2Tx, SDM, nonTXBF) Mid Rate	11ax HE40 (2Tx, SDM, nonTXBF) High Rate	11ax HE40 RU484 (2Tx, SDM, nonTxBF)	11ax HE40 RU106 (2Tx, SDM, nonTxBF)	11ax HE40 RU52 (2Tx, SDM, nonTxBF)	11ax HE40 RU26 (2Tx, SDM, nonTxBF)
40 MHz	U-NII-1	38	5190				17.5	17.3	17.0	16.5	16.3	16.0	16.0	15.5	12.5	9.5	16.0	15.8	15.5	16.0	15.8	15.5	15.5	14.5	11.5	8.5	16.0	15.8	15.5	16.0	15.8	15.5	15.5	14.5	11.5	8.5
		46	5230				20.5	20.5	20.5	20.5	20.5	20.5	20.5	15.5	12.5	9.5	19.0	19.0	19.0	19.0	19.0	19.0	19.0	14.5	11.5	8.5	19.0	19.0	19.0	19.0	19.0	19.0	19.0	14.5	11.5	8.5
	U-NII-2A	54	5270				20.5	20.5	20.5	20.5	20.5	20.5	20.5	15.5	12.5	NS	19.0	19.0	19.0	19.0	19.0	19.0	19.0	14.5	11.5	NS	19.0	19.0	19.0	19.0	19.0	19.0	19.0	14.5	11.5	NS
		62	5310				17.0	16.8	16.5	16.0	15.8	15.5	15.5	15.5	12.5	NS	15.5	15.3	15.0	15.5	15.3	15.0	15.0	14.5	11.5	NS	15.5	15.3	15.0	15.5	15.3	15.0	15.0	14.5	11.5	NS
	U-NII-2C	102	5510				17.0	16.8	16.5	16.5	16.3	16.0	16.0	15.5	12.5	NS	16.0	15.8	15.5	16.0	15.8	15.5	15.5	14.5	11.5	NS	16.0	15.8	15.5	16.0	15.8	15.5	15.5	14.5	11.5	NS
		110	5550				20.5	20.5	20.5	20.5	20.5	20.5	20.5	15.5	12.5	NS	19.0	19.0	19.0	19.0	19.0	19.0	19.0	14.5	11.5	NS	19.0	19.0	19.0	19.0	19.0	19.0	19.0	14.5	11.5	NS
		118	5590				20.5	20.5	20.5	20.5	20.5	20.5	20.5	15.5	12.5	NS	19.0	19.0	19.0	19.0	19.0	19.0	19.0	14.5	11.5	NS	19.0	19.0	19.0	19.0	19.0	19.0	19.0	14.5	11.5	NS
		126	5630				20.5	20.5	20.5	20.5	20.5	20.5	20.5	15.5	12.5	NS	19.0	19.0	19.0	19.0	19.0	19.0	19.0	14.5	11.5	NS	19.0	19.0	19.0	19.0	19.0	19.0	19.0	14.5	11.5	NS
		134	5670				19.5	19.5	19.5	18.0	18.0	18.0	18.0	15.5	12.5	NS	19.0	19.0	19.0	17.5	17.5	17.5	17.5	14.5	11.5	NS	19.0	19.0	19.0	17.5	17.5	17.5	17.5	14.5	11.5	NS
		142	5710				20.5	20.5	20.5	20.5	20.5	20.5	20.5	15.5	12.5	NS	19.0	19.0	19.0	19.0	19.0	19.0	19.0	14.5	11.5	NS	19.0	19.0	19.0	19.0	19.0	19.0	19.0	14.5	11.5	NS
	U-NII-3	151	5755				20.5	20.5	20.5	20.5	20.5	20.5	20.5	15.5	12.5	9.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	15.5	12.5	9.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	15.5	12.5	9.5
		159	5795				20.5	20.5	20.5	20.5	20.5	20.5	20.5	15.5	12.5	9.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	15.5	12.5	9.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	15.5	12.5	9.5
Bandwidth	Band	Channel	Frequency (MHz)				11ac VHT80 (SISO) Low Rate	11ac VHT80 (SISO) Mid Rate	11ac VHT80 (SISO) High Rate	11ax HE80 (SISO) Low Rate	11ax HE80 (SISO) Mid Rate	11ax HE80 (SISO) High Rate	FCC 11ax HE80 RU996 (SISO)	FCC 11ax HE80 RU106 (SISO)	FCC 11ax HE80 RU52 (SISO)	FCC 11ax HE80 RU26 (SISO)	11ac VHT80 (2Tx, CDD, nonTXBF) Low Rate	11ac VHT80 (2Tx, CDD, nonTXBF) Mid Rate	11ac VHT80 (2Tx, CDD, nonTXBF) High Rate	11ax HE80 (2Tx, CDD, nonTxBF) Low Rate	11ax HE80 (2Tx, CDD, nonTxBF) Mid Rate	11ax HE80 (2Tx, CDD, nonTxBF) High Rate	11ax HE80 RU996 (2Tx, CDD, nonTxBF)	11ax HE80 RU106 (2Tx, CDD, nonTxBF)	11ax HE80 RU52 (2Tx, CDD, nonTxBF)	11ax HE80 RU26 (2Tx, CDD, nonTxBF)	11n/11ac HT80 (2Tx, SDM, nonTxBF) Low Rate	11n/11ac HT80 (2Tx, SDM, nonTxBF) Mid Rate	11n/11ac HT80 (2Tx, SDM, nonTxBF) High Rate	11ax HE80 (2Tx, SDM, nonTXBF) Low Rate	11ax HE80 (2Tx, SDM, nonTXBF) Mid Rate	11ax HE80 (2Tx, SDM, nonTXBF) High Rate	11ax HE80 RU996 (2Tx, SDM, nonTxBF)	11ax HE80 RU106 (2Tx, SDM, nonTxBF)	11ax HE80 RU52 (2Tx, SDM, nonTxBF)	11ax HE80 RU26 (2Tx, SDM, nonTxBF)
80 MHz	U-NII-1	42	5210				17.5	17.0	16.5	17.0	16.5	16.0	16.0	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	16.5	16.0	15.5	16.0	15.5	15.0	15.0	12.5	9.5	6.5
	U-NII-2A	58	5290				17.0	16.8	16.5	16.5	16.3	16.0	16.0	12.5	9.5	NS	15.5	15.3	15.0	15.5	15.3	15.0	15.0	12.5	9.5	NS	15.5	15.3	15.0	15.5	15.3	15.0	15.0	12.5	9.5	NS
	U-NII-2C	106	5530				16.0	15.8	15.5	16.0	15.5	15.0	15.0	12.5	9.5	NS	15.3	15.0	14.8	15.0	14.5	14.0	14.0	12.5	9.5	NS	15.3	15.0	14.8	15.0	14.5	14.0	14.0	12.5	9.5	NS
		122	5610				20.5	20.5	20.5	20.5	20.5	20.5	20.5	12.5	9.5	NS	20.0	20.0	20.0	20.0	20.0	20.0	20.0	12.5	9.5	NS	20.0	20.0	20.0	20.0	20.0	20.0	20.0	12.5	9.5	NS
		138	5690				20.5	20.5	20.5	20.5	20.5	20.5	20.5	12.5	9.5	NS	20.0	20.0	20.0	20.0	20.0	20.0	20.0	12.5	9.5	NS	20.0	20.0	20.0	20.0	20.0	20.0	20.0	12.5	9.5	NS
	U-NII-3	155	5775				20.5	20.5	20.5	20.5	20.5	20.5	20.5	12.5	9.5	6.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	12.5	9.5	6.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	12.5	9.5	6.5
Bandwidth	Band	Channel	Frequency (MHz)				11ac VHT160 (SISO) Low Rate	11ac VHT160 (SISO) Mid Rate	11ac VHT160 (SISO) High Rate	11ax HE160 (SISO) Low Rate	11ax HE160 (SISO) Mid Rate	11ax HE160 (SISO) High Rate	11ax HE160 RU996_2 (SISO)	11ax HE160 RU106 (SISO)	11ax HE160 RU52 (SISO)	11ax HE160 RU26 (SISO)	11ac VHT160 (2Tx, CDD, nonTXBF) Low Rate	11ac VHT160 (2Tx, CDD, nonTXBF) Mid Rate	11ac VHT160 (2Tx, CDD, nonTXBF) High Rate	11ax HE160 (2Tx, CDD, nonTxBF) Low Rate	11ax HE160 (2Tx, CDD, nonTxBF) Mid Rate	11ax HE160 (2Tx, CDD, nonTxBF) High Rate	11ax HE160 RU996_2 (2Tx, CDD, nonTxBF)	11ax HE160 RU106 (2Tx, CDD, nonTxBF)	11ax HE160 RU52 (2Tx, CDD, nonTxBF)	11ax HE160 RU26 (2Tx, CDD, nonTxBF)	11ac VHT160 (2Tx, SDM, nonTxBF) Low Rate	11ac VHT160 (2Tx, SDM, nonTxBF) Mid Rate	11ac VHT160 (2Tx, SDM, nonTxBF) High Rate	11ax HE160 (2Tx, SDM, nonTXBF) Low Rate	11ax HE160 (2Tx, SDM, nonTXBF) Mid Rate	11ax HE160 (2Tx, SDM, nonTXBF) High Rate	11ax HE160 RU996_2 (2Tx, SDM, nonTxBF)	11ax HE160 RU106 (2Tx, SDM, nonTxBF)	11ax HE160 RU52 (2Tx, SDM, nonTxBF)	
160 MHz	U-NII-1&2A	50	5250				16.5	16.0	15.5	16.0	15.5	14.5	14.5	9.5	6.5	NS	15.5	15.0	14.5	15.5	15.0	14.0	14.0	9.5	6.5	NS	15.5	15.0	14.5	15.5	15.0	14.0	14.0	9.5	6.5	
	U-NII-2C	114	5570				16.0	15.5	15.0	16.0	15.5	14.5	14.5	9.5	6.5	NS	15.0	14.5	14.0	15.5	15.0	14.0	14.0	9.5	6.5	NS	15.0	14.5	14.0	15.5	15.0	14.0	14.0	9.5	6.5	

Wi-Fi 5 GHz(Power States)

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

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

Antenna	Mode	Bandwidth	Channel	Frequency	Maximum Output Power (dBm)											
					Power State 1		Power State 2		Power State 3		Power State 4		Power State 5		Power State 6	
					Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B
ANT5	U-NII-1 5.2 GHz (SISO)	802.11a 20 MHz	36	5180	19.00	19.00	19.00	19.00	19.00	19.00	19.00	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**
	U-NII-2A 5.3 GHz (SISO)	802.11ax 20 MHz	52	5260	19.50	19.50	19.50	19.50	19.50	19.50	16.50	16.50	19.50	19.50	18.75	16.75
			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
		802.11n/ac 40 MHz	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
			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
		802.11ac 80 MHz	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 160 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

Antenna	Mode	Bandwidth	Channel	Frequency	Maximum Output Power (dBm)											
					Power State 1		Power State 2		Power State 3		Power State 4		Power State 5		Power State 6	
					Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B
ANT5	U-NII-2C 5.5 GHz (SISO)	802.11a 20 MHz	100	5500	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
			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
		802.11n/ac 40 MHz	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
			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
		802.11ac 160 MHz	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**

Antenna	Mode	Bandwidth	Channel	Frequency	Maximum Output Power (dBm)											
					Power State 1		Power State 2		Power State 3		Power State 4		Power State 5		Power State 6	
					Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B
ANT5	U-NII-3 5.8 GHz (SISO)	802.11a/n/ac 20 MHz	149	5745	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**

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)											
				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-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
		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)											
				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-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	19.05	20.50	Yes	U-NII-2A	802.11n HT40	54	5270	19.05	20.50	Yes
				62	5310	15.54	17.00				62	5310	15.54	17.00	
		U-NII-2C	802.11ac VHT80	106	5530	14.71	16.00	Yes	U-NII-2C	802.11ac VHT80	106	5530	14.71	16.00	Yes
				122	5610	19.33	20.50				122	5610	19.25	19.25	
				138	5690	19.01	20.50				138	5690	19.01	19.25	
		U-NII-3	802.11ac VHT80	155	5775	19.72	20.50	Yes	U-NII-3	802.11ac VHT80	155	5775	19.72	20.25	Yes
	ANT6	U-NII-2A	802.11n HT40	54	5270	19.57	20.50	Yes	U-NII-2A	802.11n HT40	54	5270	17.12	18.50	Yes
				62	5310	15.54	17.00				62	5310	15.54	17.00	
		U-NII-2C	802.11ac VHT80	106	5530	14.33	16.00	Yes	U-NII-2C	802.11ac VHT80	106	5530	14.33	16.00	Yes
				122	5610	19.63	20.50				122	5610	18.61	19.75	
				138	5690	19.44	20.50				138	5690	18.54	19.75	
		U-NII-3	802.11ac VHT80	155	5775	19.67	20.50	Yes	U-NII-3	802.11ac VHT80	155	5775	18.48	19.75	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-1	802.11n HT40	38	5190	16.39	17.50	Yes	U-NII-1	802.11n HT40	38	5190	16.39	17.50	Yes
				46	5230	19.30	20.50				46	5230	18.09	17.75	
		U-NII-2C	802.11ac VHT80	106	5530	14.22	16.00	Yes	U-NII-2C	802.11ac VHT160	114	5570	14.10	15.25	Yes
				122	5610	16.46	18.00								
				138	5690	16.02	18.00								
		U-NII-3	802.11ac VHT80	155	5775	17.31	18.75	Yes	U-NII-3	802.11ac VHT80	155	5775	15.17	15.75	Yes
	ANT6	U-NII-1	802.11ac VHT80	42	5210	15.07	16.50	Yes	U-NII-2A	802.11ac VHT160	50	5250	13.57	14.75	Yes
		U-NII-2C	802.11ac VHT160	114	5570	14.00	15.00	Yes	U-NII-2C	802.11ac VHT160	114	5570	14.68	15.75	Yes
		U-NII-3	802.11ac VHT80	155	5775	13.50	15.50	Yes	U-NII-3	802.11ac VHT80	155	5775	15.35	16.25	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 5	ANT5	U-NII-2A	802.11n HT40	54	5270	19.05	20.00	Yes	U-NII-1	802.11n HT40	38	5190	17.05	17.50	Yes
				62	5310	15.54	17.00				46	5230	19.86	20.50	
		U-NII-2C	802.11ac VHT80	106	5530	14.71	16.00	Yes	U-NII-2C	802.11ac VHT80	106	5530	14.71	16.00	Yes
				122	5610	19.33	20.00				122	5610	18.70	18.75	
				138	5690	19.01	20.00				138	5690	18.70	18.75	
		U-NII-3	802.11ac VHT80	149	5745	19.72	20.00	Yes	U-NII-3	802.11ac VHT80	155	5775	19.72	19.75	Yes
	ANT6	U-NII-2A	802.11n HT40	54	5270	19.57	20.00	Yes	U-NII-2A	802.11n HT40	54	5270	17.12	18.00	Yes
				62	5310	15.54	17.00				62	5310	15.54	17.00	
		U-NII-2C	802.11ac VHT80	106	5530	14.33	16.00	Yes	U-NII-2C	802.11ac VHT80	106	5530	14.33	16.00	Yes
				122	5610	19.63	20.00				122	5610	18.61	19.25	
				138	5690	19.44	20.00				138	5690	18.54	19.25	
		U-NII-3	802.11ac VHT80	155	5775	19.67	20.00	Yes	U-NII-3	802.11ac VHT80	155	5775	18.48	19.25	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-NII-1	802.11n HT40	38	5190	16.39	17.50	Yes	U-NII-1	802.11ac VHT80	42	5210	16.40	16.75	Yes
				46	5230	19.30	19.50								
		U-NII-2C	802.11ac VHT80	106	5530	14.22	16.00	Yes	U-NII-2C	802.11ac VHT160	114	5570	14.10	14.25	Yes
				122	5610	16.46	17.00								
				138	5690	16.02	17.00								
		U-NII-3	802.11ac VHT80	155	5775	17.31	17.75	Yes	U-NII-3	802.11ac VHT80	155	5775	14.53	14.75	Yes
	ANT6	U-NII-1	802.11ac VHT80	42	5210	15.07	15.50	Yes	U-NII-2A	802.11ac VHT160	50	5250	13.57	13.75	Yes
		U-NII-2C	802.11ac VHT160	114	5570	14.00	14.00	Yes	U-NII-2C	802.11ac VHT160	114	5570	14.68	14.75	Yes
		U-NII-3	802.11ac VHT80	155	5775	13.45	14.50	Yes	U-NII-3	802.11ac VHT80	155	5775	15.25	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.

Standard Power (Indoor/Outdoor)

Bandwidth	Band	Channel	Frequency (MHz)	Maximum Output Power (dBm)																							
				SP for ANT5 / ANT6																							
				SISO										MIMO													
				a (SISO) Low Rate	a (SISO) Mid Rate	a (SISO) High Rate	11ax HE20 (SISO) Low Rate	11ax HE20 (SISO) Mid Rate	11ax HE20 (SISO) High Rate	11ax HE20 RU242 (SISO)	11ax HE20 RU106 (SISO)	11ax HE20 RU52 (SISO)	11ax HE20 RU26 (SISO)	11ax HE20 (2Tx, CDD, nonTxBF) Low Rate	11ax HE20 (2Tx, CDD, nonTxBF) Mid Rate	11ax HE20 (2Tx, CDD, nonTxBF) High Rate	11ax HE20 RU242 (2Tx, CDD, nonTxBF)	11ax HE20 RU106 (2Tx, CDD, nonTxBF)	11ax HE20 RU52 (2Tx, CDD, nonTxBF)	11ax HE20 RU26 (2Tx, CDD, nonTxBF)	11ax HE20 (2Tx, SDM, nonTxBF) Low Rate	11ax HE20 (2Tx, SDM, nonTxBF) Mid Rate	11ax HE20 (2Tx, SDM, nonTxBF) High Rate	11ax HE20 RU242 (2Tx, SDM, nonTxBF)	11ax HE20 RU106 (2Tx, SDM, nonTxBF)	11ax HE20 RU52 (2Tx, SDM, nonTxBF)	11ax HE20 RU26 (2Tx, SDM, nonTxBF)
20 MHz	U-NII-5	2	5935	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1	5955	19.5	19.5	19.5	19.5	19.5	19.5	19.5	17.5	14.5	11.5	19.5	19.5	19.5	19.5	17.5	14.5	11.5	19.5	19.5	19.5	19.5	17.5	14.5	11.5
		5	5975	19.5	19.5	19.5	19.5	19.5	19.5	19.5	17.5	14.5	11.5	19.5	19.5	19.5	19.5	17.5	14.5	11.5	19.5	19.5	19.5	19.5	17.5	14.5	11.5
		9-29	5995-6095	19.5	19.5	19.5	19.5	19.5	19.5	19.5	17.5	14.5	11.5	19.5	19.5	19.5	19.5	17.5	14.5	11.5	19.5	19.5	19.5	19.5	17.5	14.5	11.5
		33-61	6115-6255	19.5	19.5	19.5	19.5	19.5	19.5	19.5	17.5	14.5	11.5	19.5	19.5	19.5	19.5	17.5	14.5	11.5	19.5	19.5	19.5	19.5	17.5	14.5	11.5
		65-85	6275-6375	19.5	19.5	19.5	19.5	19.5	19.5	19.5	17.5	14.5	11.5	19.5	19.5	19.5	19.5	17.5	14.5	11.5	19.5	19.5	19.5	19.5	17.5	14.5	11.5
		89	6395	19.5	19.5	19.5	19.5	19.5	19.5	19.5	17.5	14.5	11.5	19.5	19.5	19.5	19.5	17.5	14.5	11.5	19.5	19.5	19.5	19.5	17.5	14.5	11.5
		93	6415	19.5	19.5	19.5	19.5	19.5	19.5	19.5	17.5	14.5	11.5	19.5	19.5	19.5	19.5	17.5	14.5	11.5	19.5	19.5	19.5	19.5	17.5	14.5	11.5
	U-NII-6	97-113	6435-6515	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	U-NII-7	117-181	6535-6855	18.5	18.5	18.5	18.5	18.5	18.5	18.5	16.5	13.5	10.5	18.5	18.5	18.5	18.5	16.5	13.5	10.5	18.5	18.5	18.5	18.5	16.5	13.5	10.5
		185	6875	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	U-NII-8	189-225	6895-7075	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		229	7095	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		233	7115	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Bandwidth	Band	Channel	Frequency (MHz)	[redacted]			11ax HE40 (SISO) Low Rate	11ax HE40 (SISO) Mid Rate	11ax HE40 (SISO) High Rate	11ax HE40 RU484 (SISO)	11ax HE40 RU106 (SISO)	11ax HE40 RU52 (SISO)	11ax HE40 RU26 (SISO)	11ax HE40 (2Tx, CDD, nonTxBF) Low Rate	11ax HE40 (2Tx, CDD, nonTxBF) Mid Rate	11ax HE40 (2Tx, CDD, nonTxBF) High Rate	11ax HE40 RU484 (2Tx, CDD, nonTxBF)	11ax HE40 RU106 (2Tx, CDD, nonTxBF)	11ax HE40 RU52 (2Tx, CDD, nonTxBF)	11ax HE40 RU26 (2Tx, CDD, nonTxBF)	11ax HE40 (2Tx, SDM, nonTxBF) Low Rate	11ax HE40 (2Tx, SDM, nonTxBF) Mid Rate	11ax HE40 (2Tx, SDM, nonTxBF) High Rate	11ax HE40 RU484 (2Tx, SDM, nonTxBF)	11ax HE40 RU106 (2Tx, SDM, nonTxBF)	11ax HE40 RU52 (2Tx, SDM, nonTxBF)	11ax HE40 RU26 (2Tx, SDM, nonTxBF)
40 MHz	U-NII-5	3	5965				19.5	19.5	19.5	19.5	14.5	11.5	8.5	19.5	19.5	19.5	19.5	14.5	11.5	8.5	19.5	19.5	19.5	19.5	14.5	11.5	8.5
		11	6005				19.5	19.5	19.5	19.5	14.5	11.5	8.5	19.5	19.5	19.5	19.5	14.5	11.5	8.5	19.5	19.5	19.5	19.5	14.5	11.5	8.5
		19-27	6045-6085				19.5	19.5	19.5	19.5	14.5	11.5	8.5	19.5	19.5	19.5	19.5	14.5	11.5	8.5	19.5	19.5	19.5	19.5	14.5	11.5	8.5
		35-59	6125-6245				19.5	19.5	19.5	19.5	14.5	11.5	8.5	19.5	19.5	19.5	19.5	14.5	11.5	8.5	19.5	19.5	19.5	19.5	14.5	11.5	8.5
		67-75	6285-6325				19.5	19.5	19.5	19.5	14.5	11.5	8.5	19.5	19.5	19.5	19.5	14.5	11.5	8.5	19.5	19.5	19.5	19.5	14.5	11.5	8.5
		83	6365				19.5	19.5	19.5	19.5	14.5	11.5	8.5	19.5	19.5	19.5	19.5	14.5	11.5	8.5	19.5	19.5	19.5	19.5	14.5	11.5	8.5
		91	6405				19.5	19.5	19.5	19.5	14.5	11.5	8.5	19.5	19.5	19.5	19.5	14.5	11.5	8.5	19.5	19.5	19.5	19.5	14.5	11.5	8.5
	U-NII-6	99-107	6445-6485				NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		115	6525				NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	U-NII-7	123-179	6565-6845				18.5	18.5	18.5	18.5	13.5	10.5	7.5	18.5	18.5	18.5	18.5	13.5	10.5	7.5	18.5	18.5	18.5	18.5	13.5	10.5	7.5
		187	6885				NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	U-NII-8	195-219	6925-7045				NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		227	7085				NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Bandwidth	Band	Channel	Frequency (MHz)				11ax HE80 (SISO) Low Rate	11ax HE80 (SISO) Mid Rate	11ax HE80 (SISO) High Rate	11ax HE80 RU996 (SISO)	11ax HE80 RU106 (SISO)	11ax HE80 RU52 (SISO)	11ax HE80 RU26 (SISO)	11ax HE80 (2Tx, CDD, nonTxBF) Low Rate	11ax HE80 (2Tx, CDD, nonTxBF) Mid Rate	11ax HE80 (2Tx, CDD, nonTxBF) High Rate	11ax HE80 RU996 (2Tx, CDD, nonTxBF)	11ax HE80 RU106 (2Tx, CDD, nonTxBF)	11ax HE80 RU52 (2Tx, CDD, nonTxBF)	11ax HE80 RU26 (2Tx, CDD, nonTxBF)	11ax HE80 (2Tx, SDM, nonTxBF) Low Rate	11ax HE80 (2Tx, SDM, nonTxBF) Mid Rate	11ax HE80 (2Tx, SDM, nonTxBF) High Rate	11ax HE80 RU996 (2Tx, SDM, nonTxBF)	11ax HE80 RU106 (2Tx, SDM, nonTxBF)	11ax HE80 RU52 (2Tx, SDM, nonTxBF)	11ax HE80 RU26 (2Tx, SDM, nonTxBF)
80 MHz	U-NII-5	7	5985				19.5	19.5	19.5	19.5	11.5	8.5	5.5	19.5	19.5	19.5	19.5	11.5	8.5	5.5	19.5	19.5	19.5	19.5	11.5	8.5	5.5
		23	6065				19.5	19.5	19.5	19.5	11.5	8.5	5.5	19.5	19.5	19.5	19.5	11.5	8.5	5.5	19.5	19.5	19.5	19.5	11.5	8.5	5.5
		39-55	6145-6225				19.5	19.5	19.5	19.5	11.5	8.5	5.5	19.5	19.5	19.5	19.5	11.5	8.5	5.5	19.5	19.5	19.5	19.5	11.5	8.5	5.5
		71	6305				19.5	19.5	19.5	19.5	11.5	8.5	5.5	19.5	19.5	19.5	19.5	11.5	8.5	5.5	19.5	19.5	19.5	19.5	11.5	8.5	5.5
		87	6385				19.5	19.5	19.5	19.5	11.5	8.5	5.5	19.5	19.5	19.5	19.5	11.5	8.5	5.5	19.5	19.5	19.5	19.5	11.5	8.5	5.5
	U-NII-6	103	6465				NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		119	6545				NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	U-NII-7	135-167	6625-6785				18.5	18.5	18.5	18.5	10.5	7.5	4.5	18.5	18.5	18.5	18.5	10.5	7.5	4.5	18.5	18.5	18.5	18.5	10.5	7.5	4.5
		183	6865				NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	U-NII-8	199	6945				NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		215	7025				NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Bandwidth	Band	Channel	Frequency (MHz)				11ax HE160 (SISO) Low Rate	11ax HE160 (SISO) Mid Rate	11ax HE160 (SISO) High Rate	11ax HE160 RU996_2 (SISO)	11ax HE160 RU106 (SISO)	11ax HE160 RU52 (SISO)	11ax HE160 RU26 (SISO)	11ax HE160 (2Tx, CDD, nonTxBF) Low Rate	11ax HE160 (2Tx, CDD, nonTxBF) Mid Rate	11ax HE160 (2Tx, CDD, nonTxBF) High Rate	11ax HE160 RU996_2 (2Tx, CDD, nonTxBF)	11ax HE160 RU106 (2Tx, CDD, nonTxBF)	11ax HE160 RU52 (2Tx, CDD, nonTxBF)	11ax HE160 RU26 (2Tx, CDD, nonTxBF)	11ax HE160 (2Tx, SDM, nonTxBF) Low Rate	11ax HE160 (2Tx, SDM, nonTxBF) Mid Rate	11ax HE160 (2Tx, SDM, nonTxBF) High Rate	11ax HE160 RU996_2 (2Tx, SDM, nonTxBF)	11ax HE160 RU106 (2Tx, SDM, nonTxBF)	11ax HE160 RU52 (2Tx, SDM, nonTxBF)	11ax HE160 RU26 (2Tx, SDM, nonTxBF)
160 MHz	U-NII-5	15	6025				19.5	19.5	19.5	19.5	8.5	5.5	3.5	19.5	19.5	19.5	19.5	8.5	5.5	3.5	19.5	19.5	19.5	19.5	8.5	5.5	3.5
		47	6185				19.5	19.5	19.5	19.5	8.5	5.5	3.5	19.5	19.5	19.5	19.5	8.5	5.5	3.5	19.5	19.5	19.5	19.5	8.5	5.5	3.5
		79	6345				19.5	19.5	19.5	19.5	8.5	5.5	3.5	19.5	19.5	19.5	19.5	8.5	5.5	3.5	19.5	19.5	19.5	19.5	8.5	5.5	3.5
	U-NII-6	111	6505				NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	U-NII-7	143	6665				18.5	18.5	18.5	18.5	7.5	4.5	1.5	18.5	18.5	18.5	18.5	7.5	4.5	1.5	18.5	18.5	18.5	18.5	7.5	4.5	1.5
		175	6825				NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	U-NII-8	207	6985				NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Low Power (Indoor)

Bandwidth	Band	Channel	Frequency (MHz)	Maximum Output Power (dBm)																							
				LP for ANT5 / ANT6																							
				SISO										MIMO													
				a (SISO) Low Rate	a (SISO) Mid Rate	a (SISO) High Rate	11ax HE20 (SISO) Low Rate	11ax HE20 (SISO) Mid Rate	11ax HE20 (SISO) High Rate	11ax HE20 RU242 (SISO)	11ax HE20 RU106 (SISO)	11ax HE20 RU52 (SISO)	11ax HE20 RU26 (SISO)	11ax HE20 (2Tx, CDD, nonTxBF) Low Rate	11ax HE20 (2Tx, CDD, nonTxBF) Mid Rate	11ax HE20 (2Tx, CDD, nonTxBF) High Rate	11ax HE20 RU242 (2Tx, CDD, nonTxBF)	11ax HE20 RU106 (2Tx, CDD, nonTxBF)	11ax HE20 RU52 (2Tx, CDD, nonTxBF)	11ax HE20 RU26 (2Tx, CDD, nonTxBF)	11ax HE20 (2Tx, SDM, nonTxBF) Low Rate	11ax HE20 (2Tx, SDM, nonTxBF) Mid Rate	11ax HE20 (2Tx, SDM, nonTxBF) High Rate	11ax HE20 RU242 (2Tx, SDM, nonTxBF)	11ax HE20 RU106 (2Tx, SDM, nonTxBF)	11ax HE20 RU52 (2Tx, SDM, nonTxBF)	11ax HE20 RU26 (2Tx, SDM, nonTxBF)
20 MHz	U-NII-5	2	5935	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1	5955	12.0	12.0	12.0	12.0	12.0	12.0	12.0	9.0	6.0	3.0	6.8	6.8	6.8	6.8	3.8	0.8	-2.5	9.8	9.8	9.8	9.8	6.8	3.8	0.8
		5	5975	12.0	12.0	12.0	12.0	12.0	12.0	12.0	9.0	6.0	3.0	6.8	6.8	6.8	6.8	3.8	0.8	-2.5	9.8	9.8	9.8	9.8	6.8	3.8	0.8
		9-29	5995-6095	12.0	12.0	12.0	12.0	12.0	12.0	12.0	9.0	6.0	3.0	6.8	6.8	6.8	6.8	3.8	0.8	-2.5	9.8	9.8	9.8	9.8	6.8	3.8	0.8
		33-61	6115-6255	10.5	10.5	10.5	10.5	10.5	10.5	10.5	7.5	4.5	1.5	5.5	5.5	5.5	5.5	2.5	-0.5	-3.5	8.5	8.5	8.5	8.5	5.5	2.5	-0.5
		65-85	6275-6375	11.3	11.3	11.3	11.3	11.3	11.3	11.3	8.3	5.3	2.3	6.3	6.3	6.3	6.3	3.3	0.3	-3.0	9.3	9.3	9.3	9.3	6.3	3.3	0.3
		89	6395	11.3	11.3	11.3	11.3	11.3	11.3	11.3	8.3	5.3	2.3	6.3	6.3	6.3	6.3	3.3	0.3	-3.0	9.3	9.3	9.3	9.3	6.3	3.3	0.3
		93	6415	11.3	11.3	11.3	11.3	11.3	11.3	11.3	8.3	5.3	2.3	6.3	6.3	6.3	6.3	3.3	0.3	-3.0	9.3	9.3	9.3	9.3	6.3	3.3	0.3
	U-NII-6	97-113	6435-6515	10.8	10.8	10.8	10.8	10.8	10.8	10.8	7.8	4.8	1.8	6.0	6.0	6.0	6.0	3.0	0.0	-3.0	8.8	8.8	8.8	8.8	5.8	2.8	-0.5
	U-NII-7	117-181	6535-6855	9.8	9.8	9.8	9.8	9.8	9.8	9.8	6.8	3.8	0.8	6.0	6.0	6.0	6.0	3.0	0.0	-3.0	8.5	8.5	8.5	8.5	5.5	2.5	-0.5
		185	6875	9.8	9.8	9.8	9.8	9.8	9.8	9.8	6.8	3.8	0.8	6.0	6.0	6.0	6.0	3.0	0.0	-3.0	8.5	8.5	8.5	8.5	5.5	2.5	-0.5
	U-NII-8	189-225	6895-7075	11.3	11.3	11.3	11.3	11.3	11.3	11.3	8.3	5.3	2.3	7.5	7.5	7.5	7.5	4.5	1.5	-1.5	10.3	10.3	10.3	10.3	7.3	4.3	1.3
		229	7095	11.3	11.3	11.3	11.3	11.3	11.3	11.3	8.3	5.3	2.3	7.5	7.5	7.5	7.5	4.5	1.5	-1.5	10.3	10.3	10.3	10.3	7.3	4.3	1.3
		233	7115	-3.5	-3.5	-3.5	-3.5	-3.5	-3.5	Disabled	NS	NS	NS	-4.5	-4.5	-4.5	Disabled	NS	NS	NS	-4.5	-4.5	-4.5	Disabled	NS	NS	NS
Bandwidth	Band	Channel	Frequency (MHz)	[redacted]			11ax HE40 (SISO) Low Rate	11ax HE40 (SISO) Mid Rate	11ax HE40 (SISO) High Rate	11ax HE40 RU484 (SISO)	11ax HE40 RU106 (SISO)	11ax HE40 RU52 (SISO)	11ax HE40 RU26 (SISO)	11ax HE40 (2Tx, CDD, nonTxBF) Low Rate	11ax HE40 (2Tx, CDD, nonTxBF) Mid Rate	11ax HE40 (2Tx, CDD, nonTxBF) High Rate	11ax HE40 RU484 (2Tx, CDD, nonTxBF)	11ax HE40 RU106 (2Tx, CDD, nonTxBF)	11ax HE40 RU52 (2Tx, CDD, nonTxBF)	11ax HE40 RU26 (2Tx, CDD, nonTxBF)	11ax HE40 (2Tx, SDM, nonTxBF) Low Rate	11ax HE40 (2Tx, SDM, nonTxBF) Mid Rate	11ax HE40 (2Tx, SDM, nonTxBF) High Rate	11ax HE40 RU484 (2Tx, SDM, nonTxBF)	11ax HE40 RU106 (2Tx, SDM, nonTxBF)	11ax HE40 RU52 (2Tx, SDM, nonTxBF)	11ax HE40 RU26 (2Tx, SDM, nonTxBF)
40 MHz	U-NII-5	3	5965				15.0	15.0	15.0	15.0	9.0	6.0	3.0	9.8	9.8	9.8	9.8	3.8	0.8	-2.5	12.8	12.8	12.8	12.8	6.8	3.8	0.8
		11	6005				15.0	15.0	15.0	15.0	9.0	6.0	3.0	9.8	9.8	9.8	9.8	3.8	0.8	-2.5	12.8	12.8	12.8	12.8	6.8	3.8	0.8
		19-27	6045-6085				15.0	15.0	15.0	15.0	9.0	6.0	3.0	9.8	9.8	9.8	9.8	3.8	0.8	-2.5	12.8	12.8	12.8	12.8	6.8	3.8	0.8
		35-59	6125-6245				13.5	13.5	13.5	13.5	7.5	4.5	1.5	8.5	8.5	8.5	8.5	2.5	-0.5	-3.5	11.5	11.5	11.5	11.5	5.5	2.5	-0.5
		67-75	6285-6325				14.3	14.3	14.3	14.3	8.3	5.3	2.3	9.3	9.3	9.3	9.3	3.3	0.3	-3.0	12.3	12.3	12.3	12.3	6.3	3.3	0.3
		83	6365				14.3	14.3	14.3	14.3	8.3	5.3	2.3	9.3	9.3	9.3	9.3	3.3	0.3	-3.0	12.3	12.3	12.3	12.3	6.3	3.3	0.3
		91	6405				14.3	14.3	14.3	14.3	8.3	5.3	2.3	9.3	9.3	9.3	9.3	3.3	0.3	-3.0	12.3	12.3	12.3	12.3	6.3	3.3	0.3
	U-NII-6	99-107	6445-6485				13.8	13.8	13.8	13.8	7.8	4.8	1.8	9.0	9.0	9.0	9.0	3.0	0.0	-3.0	11.8	11.8	11.8	11.8	5.8	2.8	-0.5
		115	6525				12.8	12.8	12.8	12.8	6.8	3.8	0.8	9.0	9.0	9.0	9.0	3.0	0.0	-3.0	11.5	11.5	11.5	11.5	5.5	2.5	-0.5
	U-NII-7	123-179	6565-6845				12.8	12.8	12.8	12.8	6.8	3.8	0.8	9.0	9.0	9.0	9.0	3.0	0.0	-3.0	11.5	11.5	11.5	11.5	5.5	2.5	-0.5
		187	6885				12.8	12.8	12.8	12.8	6.8	3.8	0.8	9.0	9.0	9.0	9.0	3.0	0.0	-3.0	11.5	11.5	11.5	11.5	5.5	2.5	-0.5
	U-NII-8	195-219	6925-7045				14.3	14.3	14.3	14.3	8.3	5.3	2.3	10.5	10.5	10.5	10.5	4.5	1.5	-1.5	13.3	13.3	13.3	13.3	7.3	4.3	1.3
		227	7085				14.3	14.3	14.3	14.3	8.3	5.3	2.3	10.5	10.5	10.5	10.5	4.5	1.5	-1.5	13.3	13.3	13.3	13.3	7.3	4.3	1.3
Bandwidth	Band	Channel	Frequency (MHz)				11ax HE80 (SISO) Low Rate	11ax HE80 (SISO) Mid Rate	11ax HE80 (SISO) High Rate	11ax HE80 RU996 (SISO)	11ax HE80 RU106 (SISO)	11ax HE80 RU52 (SISO)	11ax HE80 RU26 (SISO)	11ax HE80 (2Tx, CDD, nonTxBF) Low Rate	11ax HE80 (2Tx, CDD, nonTxBF) Mid Rate	11ax HE80 (2Tx, CDD, nonTxBF) High Rate	11ax HE80 RU996 (2Tx, CDD, nonTxBF)	11ax HE80 RU106 (2Tx, CDD, nonTxBF)	11ax HE80 RU52 (2Tx, CDD, nonTxBF)	11ax HE80 RU26 (2Tx, CDD, nonTxBF)	11ax HE80 (2Tx, SDM, nonTxBF) Low Rate	11ax HE80 (2Tx, SDM, nonTxBF) Mid Rate	11ax HE80 (2Tx, SDM, nonTxBF) High Rate	11ax HE80 RU996 (2Tx, SDM, nonTxBF)	11ax HE80 RU106 (2Tx, SDM, nonTxBF)	11ax HE80 RU52 (2Tx, SDM, nonTxBF)	11ax HE80 RU26 (2Tx, SDM, nonTxBF)
80 MHz	U-NII-5	7	5985				17.5	17.5	17.5	17.5	9.0	6.0	3.0	12.3	12.3	12.3	12.3	3.8	0.8	-2.5	15.3	15.3	15.3	15.3	6.8	3.8	0.8
		23	6065				17.5	17.5	17.5	17.5	9.0	6.0	3.0	12.3	12.3	12.3	12.3	3.8	0.8	-2.5	15.3	15.3	15.3	15.3	6.8	3.8	0.8
		39-55	6145-6225				16.0	16.0	16.0	16.0	7.5	4.5	1.5	11.0	11.0	11.0	11.0	2.5	-0.5	-3.5	14.0	14.0	14.0	14.0	5.5	2.5	-0.5
		71	6305				16.8	16.8	16.8	16.8	8.3	5.3	2.3	11.8	11.8	11.8	11.8	3.3	0.3	-3.0	14.8	14.8	14.8	14.8	6.3	3.3	0.3
		87	6385				16.8	16.8	16.8	16.8	8.3	5.3	2.3	11.8	11.8	11.8	11.8	3.3	0.3	-3.0	14.8	14.8	14.8	14.8	6.3	3.3	0.3
	U-NII-6	103	6465				16.3	16.3	16.3	16.3	7.8	4.8	1.8	11.5	11.5	11.5	11.5	3.0	0.0	-3.0	14.3	14.3	14.3	14.3	5.8	2.8	-0.5
		119	6545				15.3	15.3	15.3	15.3	6.8	3.8	0.8	11.5	11.5	11.5	11.5	3.0	0.0	-3.0	14.0	14.0	14.0	14.0	5.5	2.5	-0.5
	U-NII-7	135-167	6625-6785				15.3	15.3	15.3	15.3	6.8	3.8	0.8	11.5	11.5	11.5	11.5	3.0	0.0	-3.0	14.0	14.0	14.0	14.0	5.5	2.5	-0.5
		183	6865				15.3	15.3	15.3	15.3	6.8	3.8	0.8	11.5	11.5	11.5	11.5	3.0	0.0	-3.0	14.0	14.0	14.0	14.0	5.5	2.5	-0.5
	U-NII-8	199	6945				16.8	16.8	16.8	16.8	8.3	5.3	2.3	13.0	13.0	13.0	13.0	4.5	1.5	-1.5	15.8	15.8	15.8	15.8	7.3	4.3	1.3
		215	7025				16.8	16.8	16.8	16.8	8.3	5.3	2.3	13.0	13.0	13.0	13.0	4.5	1.5	-1.5	15.8	15.8	15.8	15.8	7.3	4.3	1.3
Bandwidth	Band	Channel	Frequency (MHz)				11ax HE160 (SISO) Low Rate	11ax HE160 (SISO) Mid Rate	11ax HE160 (SISO) High Rate	11ax HE160 RU996_2 (SISO)	11ax HE160 RU106 (SISO)	11ax HE160 RU52 (SISO)	11ax HE160 RU26 (SISO)	11ax HE160 (2Tx, CDD, nonTxBF) Low Rate	11ax HE160 (2Tx, CDD, nonTxBF) Mid Rate	11ax HE160 (2Tx, CDD, nonTxBF) High Rate	11ax HE160 RU996_2 (2Tx, CDD, nonTxBF)	11ax HE160 RU106 (2Tx, CDD, nonTxBF)	11ax HE160 RU52 (2Tx, CDD, nonTxBF)	11ax HE160 RU26 (2Tx, CDD, nonTxBF)	11ax HE160 (2Tx, SDM, nonTxBF) Low Rate	11ax HE160 (2Tx, SDM, nonTxBF) Mid Rate	11ax HE160 (2Tx, SDM, nonTxBF) High Rate	11ax HE160 RU996_2 (2Tx, SDM, nonTxBF)	11ax HE160 RU106 (2Tx, SDM, nonTxBF)	11ax HE160 RU52 (2Tx, SDM, nonTxBF)	11ax HE160 RU26 (2Tx, SDM, nonTxBF)
160 MHz	U-NII-5	15	6025				19.5	19.5	19.5	19.5	8.5	5.5	3.0	15.3	15.3	15.3	15.3	3.8	0.8	-2.5	18.3	18.3	18.3	18.3	6.8	3.8	0.8
		47	6185				19.0	19.0	19.0	19.0	7.5	4.5	1.5	14.0	14.0	14.0	14.0	2.5	-0.5	-3.5	17.0	17.0	17.0	17.0	5.5	2.5	-0.5
		79	6345				19.5	19.5	19.5	19.5	8.3	5.3	2.3	14.8	14.8	14.8	14.8	3.3	0.3	-3.0	17.8	17.8	17.8	17.8	6.3	3.3	0.3
	U-NII-6	111	6505				18.3	18.3	18.3	18.3	6.8	3.8	0.8	14.5	14.5	14.5	14.5	3.0	0.0	-3.0	17.0	17.0	17.0	17.0	5.5	2.5	-0.5
	U-NII-7	143	6665				18.3	18.3	18.3	18.3	6.8	3.8	0.8	14.5	14.5	14.5	14.5	3.0	0.0	-3.0	17.0	17.0	17.0	17.0	5.5	2.5	-0.5
		175	6825				18.3	18.3	18.3	18.3	6.8	3.8	0.8	14.5	14.5	14.5	14.5	3.0	0.0	-3.0	17.0	17.0	17.0	17.0	5.5	2.5	-0.5
	U-NII-8	207	6985				18.5	18.5	18.5	18.5	7.5	4.5	1.5	16.0	16.0	16.0	16.0	4.5	1.5	-1.5	18.5	18.5	18.5	18.5	7.3	4.3	1.3

Wi-Fi 6E(Power States)

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

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

Antenna	Mode	Bandwidth	Channel	Frequency	Maximum Output Power (dBm)											
					Power State 1		Power State 2		Power State 3		Power State 4		Power State 5		Power State 6	
					Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B
ANT5	U-NII-5	802.11a 20 MHz	1	5955	11.50	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
		802.11ax 40 MHz	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
			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
		802.11ax 80 MHz	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 160 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)											
					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	10.25	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
		802.11ax 40 MHz	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 80 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 160 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**
	Mode	Bandwidth	Channel	Frequency	Maximum Output Power (dBm)											
					Power State 1		Power State 2		Power State 3		Power State 4		Power State 5		Power State 6	
					Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B
	U-NII-7	802.11a 20 MHz	117-125	6535-6575	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
		802.11ax 80 MHz	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
			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)											
					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	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
			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
		802.11ax 40 MHz	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
			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
		802.11ax 80 MHz	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
			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
		802.11ax 160 MHz	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
	Mode	Bandwidth	Channel	Frequency	Maximum Output Power (dBm)											
					Power State 1		Power State 2		Power State 3		Power State 4		Power State 5		Power State 6	
					Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B
	U-NII-7	802.11a 20 MHz	117-125	6535-6575	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**

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	10.26	11.50	Yes	U-NII-5	802.11ax 160 MHz	15	6025	10.26	11.50	Yes
				47	6185	10.40	11.50	Yes			47	6185	10.40	11.50	Yes
				79	6345	9.96	11.00	No			79	6345	9.96	11.00	No
		U-NII-6	802.11ax 160 MHz	111	6505	10.53	11.25	Yes	U-NII-6	802.11ax 160 MHz	111	6505	10.53	11.25	Yes
		U-NII-7	802.11ax 160 MHz	143	6665	10.26	11.50	Yes	U-NII-7	802.11ax 160 MHz	143	6665	10.26	11.50	Yes
				175	6825	10.18	11.25	No			175	6825	10.18	11.25	No
		U-NII-8	802.11ax 160 MHz	207	6985	9.77	11.25	Yes	U-NII-8	802.11ax 160 MHz	207	6985	9.77	11.25	Yes
	ANT6	U-NII-5	802.11ax 160 MHz	15	6025	10.31	11.75	Yes	U-NII-5	802.11ax 160 MHz	15	6025	10.31	11.75	Yes
				47	6185	10.80	11.75	Yes			47	6185	10.80	11.75	Yes
				79	6345	10.32	11.25	No			79	6345	10.32	11.25	No
		U-NII-6	802.11ax 80 MHz	103	6465	10.70	11.75	Yes	U-NII-6	802.11ax 80 MHz	103	6465	10.70	11.75	Yes
				119	6545	10.10	10.75	No			119	6545	10.10	10.75	No
		U-NII-7	802.11ax 160 MHz	143	6665	9.98	10.75	No	U-NII-7	802.11ax 160 MHz	143	6665	9.98	10.75	No
				175	6825	10.60	10.75	Yes			175	6825	10.20	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	9.86	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	9.38	10.50	Yes	U-NII-5	802.11ax 160 MHz	15	6025	9.38	10.50	Yes
				47	6185	9.35	10.50	Yes			47	6185	9.35	10.50	Yes
				79	6345	9.00	10.00	No			79	6345	9.00	10.00	No
		U-NII-6	802.11ax 160 MHz	111	6505	9.09	10.25	Yes	U-NII-6	802.11ax 160 MHz	111	6505	9.09	10.25	Yes
		U-NII-7	802.11ax 160 MHz	143	6665	9.62	10.50	Yes	U-NII-7	802.11ax 160 MHz	143	6665	9.62	10.50	Yes
				175	6825	9.16	10.25	No			175	6825	9.16	10.25	No
		U-NII-8	802.11ax 160 MHz	207	6985	8.81	10.25	Yes	U-NII-8	802.11ax 160 MHz	207	6985	8.81	10.25	Yes
	ANT6	U-NII-5	802.11ax 160 MHz	15	6025	9.67	10.75	Yes	U-NII-5	802.11ax 160 MHz	15	6025	9.67	10.75	Yes
				47	6185	9.37	10.75	Yes			47	6185	9.37	10.75	Yes
				79	6345	9.91	10.25	No			79	6345	9.91	10.25	No
		U-NII-6	802.11ax 80 MHz	103	6465	9.37	10.75	Yes	U-NII-6	802.11ax 80 MHz	103	6465	9.37	10.75	Yes
				119	6545	8.94	9.75	No			119	6545	8.94	9.75	No
		U-NII-7	802.11ax 160 MHz	143	6665	8.68	9.75	No	U-NII-7	802.11ax 160 MHz	143	6665	8.68	9.75	No
				175	6825	9.08	9.75	Yes			175	6825	9.08	9.75	Yes
		U-NII-8	802.11ax 160 MHz	207	6985	8.80	9.75	Yes	U-NII-8	802.11ax 160 MHz	207	6985	8.80	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-NII-5	802.11ax 160 MHz	15	6025	9.98	11.00	Yes	U-NII-5	802.11ax 160 MHz	15	6025	9.98	11.00	Yes
				47	6185	9.90	11.00	Yes			47	6185	9.90	11.00	Yes
				79	6345	9.58	10.50	No			79	6345	9.58	10.50	No
		U-NII-6	802.11ax 160 MHz	111	6505	9.51	10.75	Yes	U-NII-6	802.11ax 160 MHz	111	6505	9.51	10.75	Yes
		U-NII-7	802.11ax 160 MHz	143	6665	9.87	11.00	Yes	U-NII-7	802.11ax 160 MHz	143	6665	9.87	11.00	Yes
				175	6825	9.52	10.75	No			175	6825	9.52	10.75	No
		U-NII-8	802.11ax 160 MHz	207	6985	9.34	10.75	Yes	U-NII-8	802.11ax 160 MHz	207	6985	9.34	10.75	Yes
	ANT6	U-NII-5	802.11ax 160 MHz	15	6025	10.34	11.25	Yes	U-NII-5	802.11ax 160 MHz	15	6025	10.34	11.25	Yes
				47	6185	10.32	11.25	Yes			47	6185	10.32	11.25	Yes
				79	6345	10.38	10.75	No			79	6345	10.38	10.75	No
		U-NII-6	802.11ax 80 MHz	103	6465	10.12	11.25	Yes	U-NII-6	802.11ax 80 MHz	103	6465	10.12	11.25	Yes
				119	6545	9.34	10.25	No			119	6545	9.34	10.25	No
		U-NII-7	802.11ax 160 MHz	143	6665	8.87	10.25	No	U-NII-7	802.11ax 160 MHz	143	6665	8.87	10.25	No
				175	6825	9.58	10.25	Yes			175	6825	9.58	10.25	Yes
		U-NII-8	802.11ax 160 MHz	207	6985	9.87	10.25	Yes	U-NII-8	802.11ax 160 MHz	207	6985	9.87	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-NII-5	802.11ax 160 MHz	15	6025	8.32	9.50	Yes	U-NII-5	802.11ax 160 MHz	15	6025	8.32	9.50	Yes
				47	6185	8.60	9.50	Yes			47	6185	8.60	9.50	Yes
				79	6345	8.00	9.00	No			79	6345	8.00	9.00	No
		U-NII-6	802.11ax 160 MHz	111	6505	8.20	9.25	Yes	U-NII-6	802.11ax 160 MHz	111	6505	8.20	9.25	Yes
		U-NII-7	802.11ax 160 MHz	143	6665	8.72	9.50	Yes	U-NII-7	802.11ax 160 MHz	143	6665	8.72	9.50	Yes
				175	6825	8.10	9.25	No			175	6825	8.10	9.25	No
		U-NII-8	802.11ax 160 MHz	207	6985	7.96	9.25	Yes	U-NII-8	802.11ax 160 MHz	207	6985	7.96	9.25	Yes
	ANT6	U-NII-5	802.11ax 160 MHz	15	6025	8.30	9.75	Yes	U-NII-5	802.11ax 160 MHz	15	6025	8.30	9.75	Yes
				47	6185	8.92	9.75	Yes			47	6185	8.92	9.75	Yes
				79	6345	9.06	9.25	No			79	6345	9.06	9.25	No
		U-NII-6	802.11ax 80 MHz	103	6465	8.51	9.75	Yes	U-NII-6	802.11ax 80 MHz	103	6465	8.51	9.75	Yes
				119	6545	8.23	8.75	No			119	6545	8.23	8.75	No
		U-NII-7	802.11ax 160 MHz	143	6665	8.39	8.75	No	U-NII-7	802.11ax 160 MHz	143	6665	8.39	8.75	No
				175	6825	8.06	8.75	Yes			175	6825	8.06	8.75	Yes
		U-NII-8	802.11ax 160 MHz	207	6985	8.40	8.75	Yes	U-NII-8	802.11ax 160 MHz	207	6985	8.40	8.75	Yes

9.10. Bluetooth

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

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

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

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	11.50	11.50	11.50	11.50	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	11.50	11.50	11.50	11.50	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	11.50	11.50	11.50	11.50	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	11.50	11.50	11.50	11.50	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	11.50	11.50	11.50	11.50	12.50	12.00	12.50	12.00	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50
HDR8	11.50	11.50	11.50	11.50	13.50	12.00	13.00	12.00	13.50	13.50	13.50	13.50	13.50	13.50	13.50	13.50

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

Bluetooth Measured Results

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

Power Mode	Antenna	Mode	Ch #	Freq. (MHz)	Power Mode A (dBm)			Power Mode B (dBm)		
					Meas Pwr	Max Output Pwr	SAR Test (Yes/No)	Meas Pwr	Max Output Pwr	SAR Test (Yes/No)
Bluetooth P_{low}	ANT3	GFSK	0	2402	11.20	11.50	Yes	10.09	11.50	Yes
			39	2441	11.34	11.50		10.60	11.50	
			78	2480	11.07	11.50		10.05	11.50	
	ANT4	GFSK	0	2402	10.23	11.50	Yes	10.23	11.50	Yes
			39	2441	10.30	11.50		10.30	11.50	
			78	2480	8.98	11.50		8.98	11.50	
Bluetooth P_{mid}	ANT3	GFSK	0	2402	14.45	15.00	Yes	11.48	12.00	Yes
			39	2441	14.14	15.00		11.42	12.00	
			78	2480	14.20	15.00		11.07	12.00	
	ANT4	GFSK	0	2402	12.60	13.00	Yes	11.60	12.00	Yes
			39	2441	12.80	13.00		11.80	12.00	
			78	2480	12.60	13.00		11.60	12.00	
Bluetooth P_{high}	ANT3	GFSK	0	2402	19.00	20.00	Yes	16.99	18.00	Yes
			39	2441	19.00	20.00		17.25	18.00	
			78	2480	19.00	20.00		16.83	18.00	
	ANT4	GFSK	0	2402	18.13	19.00	Yes	17.11	18.00	Yes
			39	2441	18.30	19.00		17.40	18.00	
			78	2480	17.96	19.00		17.08	18.00	
Bluetooth $P_{standalone}$	ANT3	GFSK	0	2402	19.00	20.00	Yes	19.00	20.00	Yes
			39	2441	19.00	20.00		19.00	20.00	
			78	2480	19.00	20.00		19.00	20.00	
	ANT4	GFSK	0	2402	19.00	20.00	Yes	19.00	20.00	Yes
			39	2441	19.00	20.00		19.00	20.00	
			78	2480	18.90	20.00		18.90	20.00	

Duty Factor Measured Results

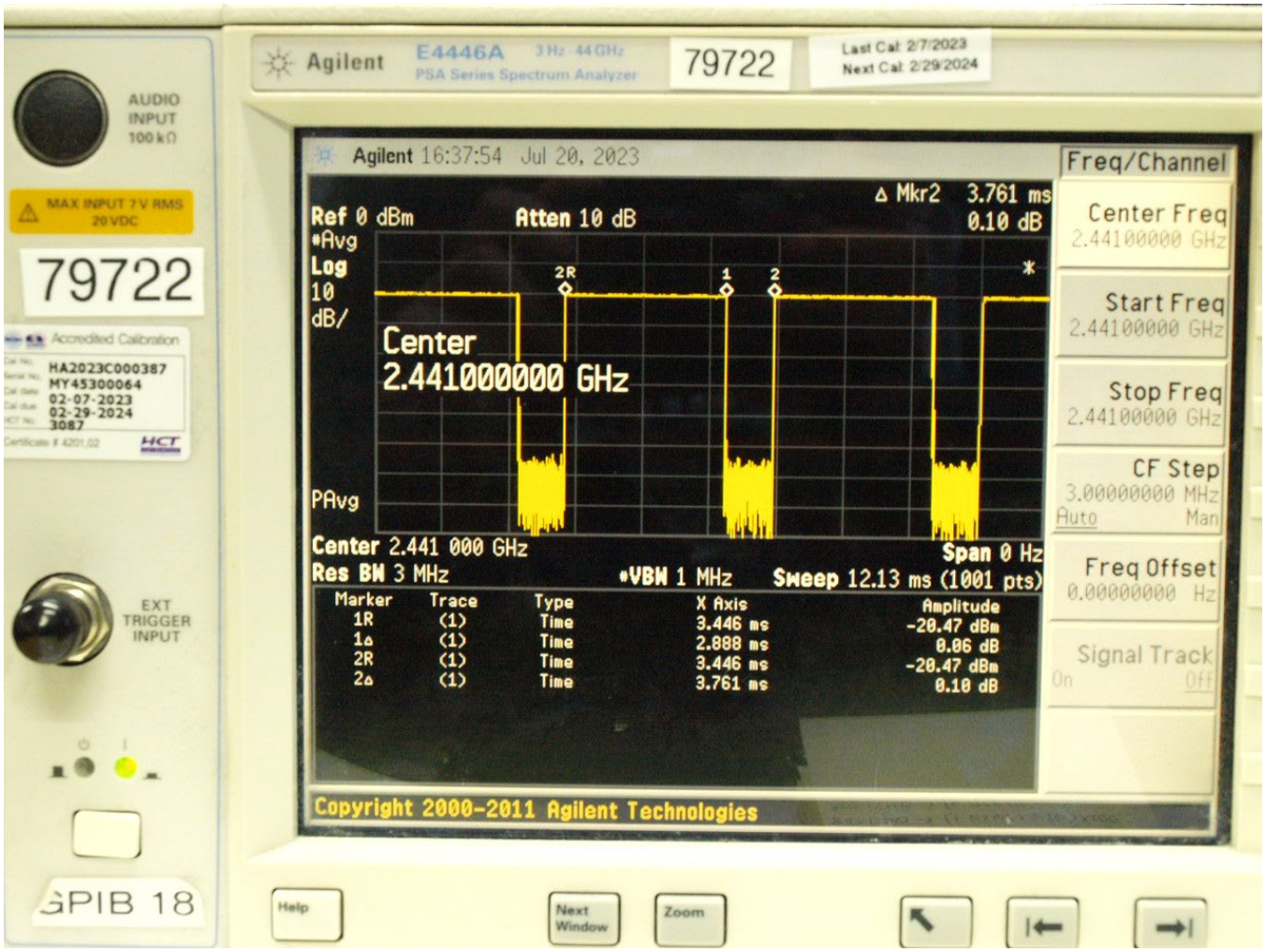
Mode	Type	T on (ms)	Period (ms)	Duty Cycle	Crest Factor (1/duty cycle)
GFSK	DH5	2.888	3.761	76.79%	1.30

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 π/4 DQPSK. Bandwidths supported are 1 MHz, 2 MHz, and 4 MHz.

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

For NB UNII, there are four use cases:

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

Band	Mode	Maximum Output Power (dBm)															
		NB UNII P_{low}				NB UNII P_{mid}				NB UNII P_{high}				NB UNII $P_{standalone}$			
		ANT5		ANT6		ANT5		ANT6		ANT5		ANT6		ANT5		ANT6	
		Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B
U-NII 1	GFSK	4.50	4.50	7.50	7.50	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	4.50	4.50	7.50	7.50	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	4.50	4.50	7.50	7.50	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	5.50	5.50	8.00	7.50	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	5.50	5.50	8.00	7.50	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	5.50	5.50	8.00	7.50	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 π/4DQPSK. When the secondary mode is ≤ ¼ dB higher than the primary mode.

Band	Power Mode	Antenna	Mode	Ch #	Freq. (MHz)	Power Mode A (dBm)			Mode	Power Mode B (dBm)		
						Meas Pwr	Max Output Pwr	SAR Test (Yes/No)		Meas Pwr	Max Output Pwr	SAR Test (Yes/No)
U-NII 1	NB UNII $P_{standalone}$	ANT5	HDR8	Low	5162	13.27	14.00	Yes	HDR8	13.27	14.00	Yes
				Mid	5230	13.31	14.00			13.31	14.00	
				High	5245	12.28	14.00			12.28	14.00	
		ANT6	HDR8	Low	5162	13.60	14.00	Yes	HDR8	13.60	14.00	Yes
				Mid	5230	13.63	14.00			13.63	14.00	
				High	5245	13.61	14.00			13.61	14.00	
	NB UNII P_{high}	ANT5	HDR8	Low	5162	13.27	14.00	Yes	HDR8	13.27	14.00	Yes
				Mid	5230	13.31	14.00			13.31	14.00	
				High	5245	12.28	14.00			12.28	14.00	
		ANT6	HDR8	Low	5162	13.60	14.00	Yes	HDR8	13.60	14.00	Yes
				Mid	5230	13.63	14.00			13.63	14.00	
				High	5245	13.61	14.00			13.61	14.00	
	NB UNII P_{mid}	ANT5	HDR8	Low	5162	13.60	14.00	Yes	GFSK	8.34	8.50	Yes
				Mid	5230	13.63	14.00			8.49	8.50	
				High	5245	13.61	14.00			8.43	8.50	
		ANT6	GFSK	Low	5162	8.90	9.50	Yes	GFSK	8.90	9.00	Yes
				Mid	5230	8.90	9.50			8.90	9.00	
				High	5245	8.90	9.50			8.90	9.00	
	NB UNII P_{low}	ANT5	GFSK	Low	5162	3.68	4.50	Yes	GFSK	3.68	4.50	Yes
				Mid	5230	3.91	4.50			3.91	4.50	
				High	5245	3.71	4.50			3.71	4.50	
		ANT6	GFSK	Low	5162	7.05	7.50	Yes	GFSK	7.05	7.50	Yes
				Mid	5230	7.03	7.50			7.03	7.50	
				High	5245	6.80	7.50			6.80	7.50	

Band	Power Mode	Antenna	Mode	Ch #	Freq. (MHz)	Power Mode A (dBm)			Mode	Power Mode B (dBm)		
						Meas Pwr	Max Output Pwr	SAR Test (Yes/No)		Meas Pwr	Max Output Pwr	SAR Test (Yes/No)
U-NII 3	NB UNII $P_{standalone}$	ANT5	GFSK	Low	5733	18.31	19.50	Yes	GFSK	18.31	19.50	Yes
				Mid	5788	18.49	19.50			18.49	19.50	
				High	5844	18.25	19.50			18.25	19.50	
		ANT6	GFSK	Low	5733	18.84	20.00	Yes	GFSK	17.38	18.50	Yes
				Mid	5788	19.20	20.00			17.50	18.50	
				High	5844	18.59	20.00			17.60	18.50	
	NB UNII P_{high}	ANT5	GFSK	Low	5733	18.31	19.50	Yes	GFSK	15.00	16.00	Yes
				Mid	5788	18.49	19.50			15.10	16.00	
				High	5844	18.25	19.50			15.05	16.00	
		ANT6	GFSK	Low	5733	16.66	18.00	Yes	GFSK	12.45	13.50	Yes
				Mid	5788	16.90	18.00			12.65	13.50	
				High	5844	16.65	18.00			12.61	13.50	
	NB UNII P_{mid}	ANT5	GFSK	Low	5733	14.12	15.00	Yes	GFSK	9.14	10.00	Yes
				Mid	5788	14.11	15.00			9.16	10.00	
				High	5844	14.07	15.00			8.84	10.00	
		ANT6	GFSK	Low	5733	11.45	12.00	Yes	GFSK	6.55	7.50	Yes
				Mid	5788	11.54	12.00			6.72	7.50	
				High	5844	11.57	12.00			6.56	7.50	
	NB UNII P_{low}	ANT5	GFSK	Low	5733	4.53	5.50	Yes	GFSK	4.53	5.50	Yes
				Mid	5788	4.86	5.50			4.86	5.50	
				High	5844	4.79	5.50			4.79	5.50	
		ANT6	GFSK	Low	5733	7.44	8.00	Yes	GFSK	7.44	7.50	Yes
				Mid	5788	7.49	8.00			7.49	7.50	
				High	5844	7.44	8.00			7.44	7.50	

Duty Factor Measured Results

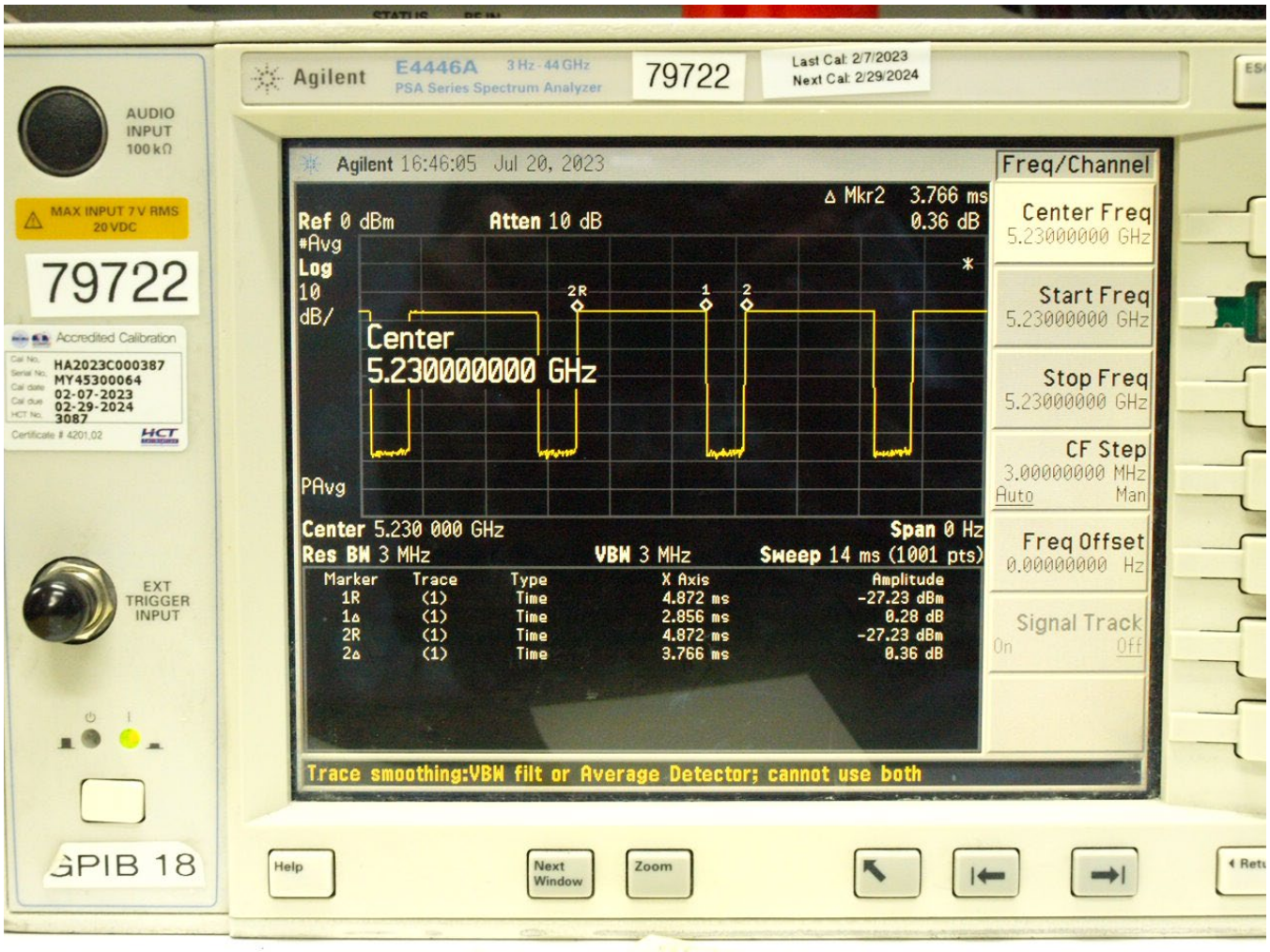
Mode	Type	T on (ms)	Period (ms)	Duty Cycle	Crest Factor (1/duty cycle)
GFSK	DH5	2.856	3.766	75.84%	1.32

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.

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	20.0	20.0	21.2	21.5
		262391	1617.6	20.0	20.0	21.3	21.5
		262466	1625.1	20.0	20.0	21.2	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

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	19.10	21.00	Yes	19.10	21.00	Yes
			Mid	2440	19.02	21.00		19.02	21.00	
			High	2475	18.98	21.00		18.98	21.00	
	ANT4	O-QPSK	Low	2405	19.67	21.00	Yes	19.67	21.00	Yes
			Mid	2440	19.72	21.00		19.72	21.00	
			High	2475	19.69	21.00		19.69	21.00	
802.15.4 P_{high}	ANT3	O-QPSK	Low	2405	19.10	20.00	Yes	18.47	19.00	Yes
			Mid	2440	19.02	20.00		18.33	19.00	
			High	2475	18.98	20.00		18.29	19.00	
	ANT4	O-QPSK	Low	2405	19.67	20.00	Yes	18.83	19.00	Yes
			Mid	2440	19.72	20.00		18.97	19.00	
			High	2475	19.69	20.00		18.20	19.00	
802.15.4 P_{mid}	ANT3	O-QPSK	Low	2405	14.73	16.00	Yes	12.50	13.00	Yes
			Mid	2440	14.57	16.00		12.70	13.00	
			High	2475	14.58	16.00		12.20	13.00	
	ANT4	O-QPSK	Low	2405	13.50	14.00	Yes	11.70	13.00	Yes
			Mid	2440	14.00	14.00		11.90	13.00	
			High	2475	13.90	14.00		11.00	13.00	
802.15.4 P_{low}	ANT3	O-QPSK	Low	2405	11.50	11.50	Yes	11.50	11.50	Yes
			Mid	2440	11.30	11.50		11.30	11.50	
			High	2475	11.00	11.50		11.00	11.50	
	ANT4	O-QPSK	Low	2405	11.50	11.50	Yes	11.50	11.50	Yes
			Mid	2440	11.50	11.50		11.50	11.50	
			High	2475	10.00	11.50		10.00	11.50	

Duty Factor Measured Results

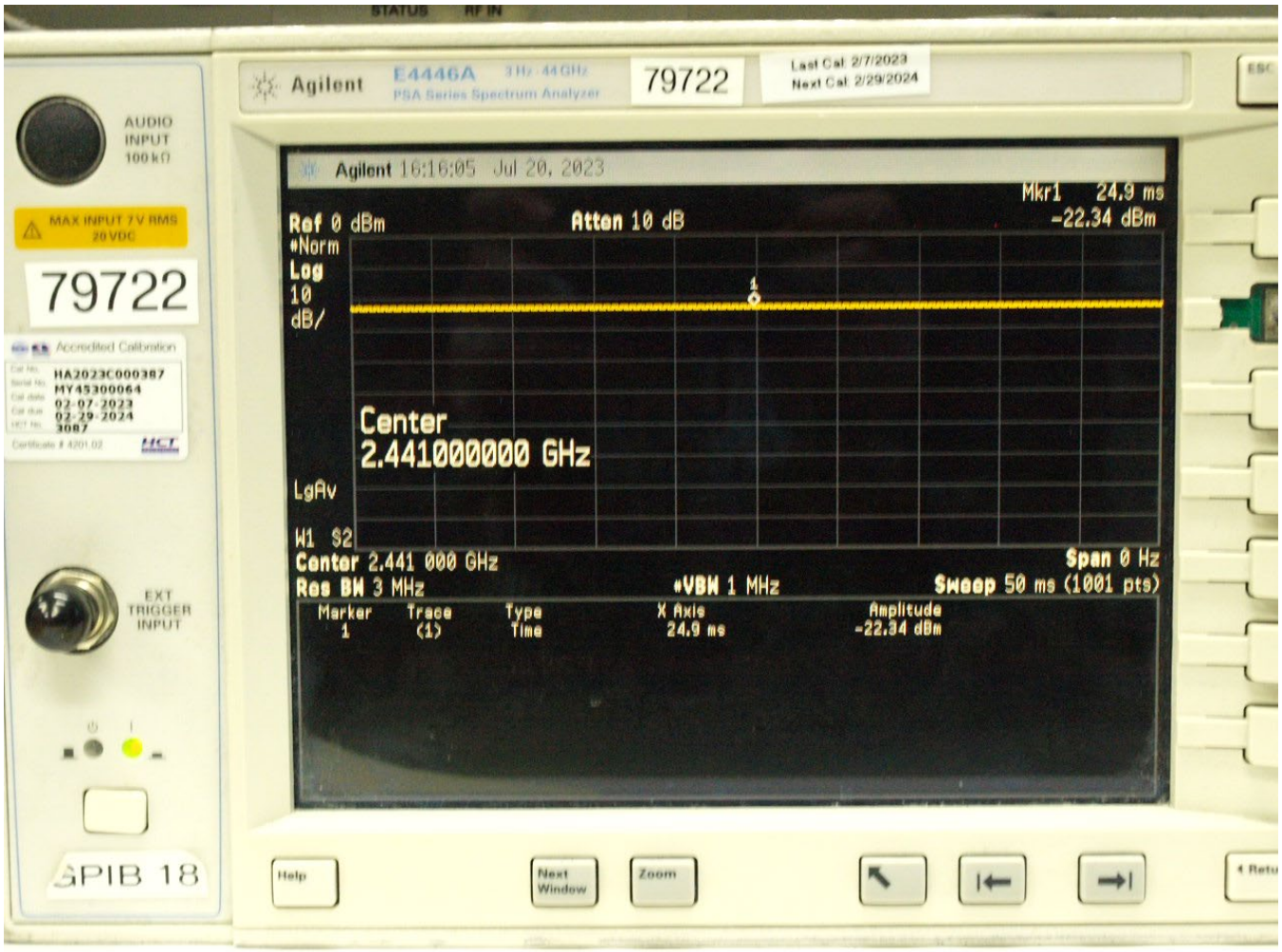
Modulation	T on (ms)	Period (ms)	Duty Cycle	Crest Factor (1/duty cycle)
O-QPSK	24.9	24.9	100.00%	1.00

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	18.7	20.0	17.0	18.5
			Mid	5786.25	18.8	20.0	17.0	18.5
			High	5846.25	18.8	20.0	17.1	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	17.0	18.5	17.6	19.0
			Mid	5786.25	17.2	18.5	17.7	19.0
			High	5846.25	17.3	18.5	17.8	19.0

Duty Factor Measured Results

Modulation	Type	T on (ms)	Period (ms)	Duty Cycle	Crest Factor (1/duty cycle)
O-QPSK	Mixed mode	1.661	16.03	10.36%	9.65

Note(s):

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

Duty Cycle plots

O-QPSK

10. Measured and Reported (Scaled) SAR Results

SAR Test Reduction criteria are as follows:

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

KDB 447498 D01 General RF Exposure Guidance:

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

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

KDB 648474 D04 Handset SAR:

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

KDB 648474 D04 Handset SAR (Phablet Only):

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

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

KDB 941225 D01 SAR test for 3G devices:

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

KDB 941225 D05 SAR for LTE Devices:

SAR test reduction is applied using the following criteria:

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

KDB 248227 D01 SAR meas for 802.11:

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

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

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

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

Wi-Fi 6E Test Rationale:

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

10.1. GSM850

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	GPRS 2 Slots	Mode A	0	Left Cheek	190	836.6	32.5	31.9	0.081	0.093	0.060	0.069	
ANT 1	Head	GPRS 2 Slots	Mode A	0	Left Tilt	190	836.6	32.5	31.9	0.047	0.054	0.036	0.041	
ANT 1	Head	GPRS 2 Slots	Mode A	0	Right Cheek	190	836.6	32.5	31.9	0.208	0.239	0.164	0.188	
ANT 1	Head	GPRS 2 Slots	Mode A	0	Right Tilt	190	836.6	32.5	31.9	0.045	0.052	0.032	0.037	
ANT 1	Body & Hotspot	GPRS 2 Slots	Mode B	5	Back	190	836.6	32.5	31.9	0.598	**0.687**	0.334	0.383	1
ANT 1	Body & Hotspot	GPRS 2 Slots	Mode B	5	Front	190	836.6	32.5	31.9	0.289	0.332	0.173	0.199	
ANT 1	Hotspot	GPRS 2 Slots	Mode B	5	Edge Right	190	836.6	32.5	31.9	0.668	**0.767**	0.433	0.497	2
ANT 1	Hotspot	GPRS 2 Slots	Mode B	5	Edge Bottom	190	836.6	32.5	31.9	0.278	0.319	0.126	0.145	
ANT 1	Hotspot	GPRS 2 Slots	Mode B	5	Edge Left	190	836.6	32.5	31.9	0.275	0.316	0.180	0.207	
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	30.0	0.477	**0.535**	0.327	0.367	3
ANT 2	Head	GPRS 2 Slots	Mode A	0	Left Tilt	190	836.6	30.5	30.0	0.420	0.471	0.227	0.255	
ANT 2	Head	GPRS 2 Slots	Mode A	0	Right Cheek	190	836.6	30.5	30.0	0.260	0.292	0.167	0.187	
ANT 2	Head	GPRS 2 Slots	Mode A	0	Right Tilt	190	836.6	30.5	30.0	0.180	0.202	0.101	0.113	
ANT 2	Body & Hotspot	GPRS 2 Slots	Mode B	5	Back	190	836.6	31.3	30.8	0.325	0.365	0.191	0.214	
ANT 2	Body & Hotspot	GPRS 2 Slots	Mode B	5	Front	190	836.6	31.3	30.8	0.194	0.218	0.126	0.141	
ANT 2	Hotspot	GPRS 2 Slots	Mode B	5	Edge Top	190	836.6	31.3	30.8	0.106	0.119	0.053	0.059	
ANT 2	Hotspot	GPRS 2 Slots	Mode B	5	Edge Right	190	836.6	31.3	30.8	0.073	0.082	0.047	0.053	
ANT 2	Hotspot	GPRS 2 Slots	Mode B	5	Edge Left	190	836.6	31.3	30.8	0.314	0.352	0.203	0.228	

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	0.056	0.064	0.038	0.044	
ANT 1	Head	GPRS 2 Slots	Mode A	0	Left Tilt	661	1880	31.0	30.4	0.040	0.046	0.025	0.029	
ANT 1	Head	GPRS 2 Slots	Mode A	0	Right Cheek	661	1880	31.0	30.4	0.126	0.145	0.078	0.090	
ANT 1	Head	GPRS 2 Slots	Mode A	0	Right Tilt	661	1880	31.0	30.4	0.045	0.052	0.029	0.033	
ANT 1	Body & Hotspot	GPRS 2 Slots	Mode B	5	Back	661	1880	26.8	26.2	0.420	0.482	0.230	0.264	
ANT 1	Body & Hotspot	GPRS 2 Slots	Mode B	5	Front	661	1880	26.8	26.2	0.404	0.464	0.207	0.238	
ANT 1	Hotspot	GPRS 2 Slots	Mode B	5	Edge Right	661	1880	26.8	26.2	0.260	0.299	0.127	0.146	
ANT 1	Hotspot	GPRS 2 Slots	Mode B	5	Edge Bottom	512	1850.2	26.8	26.6	0.890	0.932	0.428	0.448	
ANT 1	Hotspot	GPRS 2 Slots	Mode B	5	Edge Bottom	661	1880	26.8	26.2	0.819	0.940	0.390	0.448	
ANT 1	Hotspot	GPRS 2 Slots	Mode B	5	Edge Bottom	810	1909.8	26.8	26.4	0.837	0.918	0.398	0.436	
ANT 1	Hotspot	GPRS 2 Slots	Mode B	5	Edge Left	661	1880	26.8	26.2	0.012	0.014	0.006	0.007	
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	26.5	0.231	0.271	0.124	0.146	
ANT 2	Head	GPRS 2 Slots	Mode A	0	Left Tilt	661	1880	27.2	26.5	0.254	0.298	0.128	0.150	
ANT 2	Head	GPRS 2 Slots	Mode A	0	Right Cheek	661	1880	27.2	26.5	0.621	0.730	0.342	0.402	
ANT 2	Head	GPRS 2 Slots	Mode A	0	Right Tilt	661	1880	27.2	26.5	0.654	**0.768**	0.314	0.369	4
ANT 2	Body & Hotspot	GPRS 2 Slots	Mode B	5	Back	661	1880	25.5	25.0	0.598	0.671	0.280	0.314	
ANT 2	Body & Hotspot	GPRS 2 Slots	Mode B	5	Front	661	1880	25.5	25.0	0.352	0.395	0.174	0.195	
ANT 2	Hotspot	GPRS 2 Slots	Mode B	5	Edge Top	512	1850.2	25.5	25.1	0.865	**0.948**	0.399	0.437	5
ANT 2	Hotspot	GPRS 2 Slots	Mode B	5	Edge Top	661	1880	25.5	25.0	0.691	0.775	0.320	0.359	
ANT 2	Hotspot	GPRS 2 Slots	Mode B	5	Edge Top	810	1909.8	25.5	25.2	0.789	0.845	0.363	0.389	
ANT 2	Hotspot	GPRS 2 Slots	Mode B	5	Edge Right	661	1880	25.5	25.0	0.009	0.010	0.004	0.004	
ANT 2	Hotspot	GPRS 2 Slots	Mode B	5	Edge Left	661	1880	25.5	25.0	0.406	0.456	0.203	0.228	
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	28.5	0.209	0.251	0.127	0.153	
ANT 3	Head	GPRS 2 Slots	Mode A	0	Left Tilt	661	1880	29.3	28.5	0.135	0.162	0.085	0.102	
ANT 3	Head	GPRS 2 Slots	Mode A	0	Right Cheek	661	1880	29.3	28.5	0.239	0.287	0.148	0.178	
ANT 3	Head	GPRS 2 Slots	Mode A	0	Right Tilt	661	1880	29.3	28.5	0.131	0.157	0.078	0.094	
ANT 3	Body & Hotspot	GPRS 2 Slots	Mode B	5	Back	512	1850.2	27.8	27.4	0.704	0.772	0.360	0.395	
ANT 3	Body & Hotspot	GPRS 2 Slots	Mode B	5	Back	661	1880	27.8	27.4	0.764	0.838	0.390	0.428	
ANT 3	Body & Hotspot	GPRS 2 Slots	Mode B	5	Back	810	1909.8	27.8	27.3	0.821	0.921	0.417	0.468	
ANT 3	Body & Hotspot	GPRS 2 Slots	Mode B	5	Front	661	1880	27.8	27.4	0.539	0.591	0.306	0.336	
ANT 3	Hotspot	GPRS 2 Slots	Mode B	5	Edge Bottom	661	1880	27.8	27.4	0.194	0.213	0.090	0.099	
ANT 3	Hotspot	GPRS 2 Slots	Mode B	5	Edge Left	512	1850.2	27.8	27.4	0.660	0.724	0.343	0.376	
ANT 3	Hotspot	GPRS 2 Slots	Mode B	5	Edge Left	661	1880	27.8	27.4	0.768	0.842	0.397	0.435	
ANT 3	Hotspot	GPRS 2 Slots	Mode B	5	Edge Left	810	1909.8	27.8	27.3	0.795	0.892	0.409	0.459	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 4	Head	GPRS 2 Slots	Mode A	0	Left Cheek	661	1880	26.6	25.8	0.549	0.660	0.304	0.365	
ANT 4	Head	GPRS 2 Slots	Mode A	0	Left Tilt	661	1880	26.6	25.8	0.353	0.424	0.185	0.222	
ANT 4	Head	GPRS 2 Slots	Mode A	0	Right Cheek	661	1880	26.6	25.8	0.295	0.355	0.185	0.222	
ANT 4	Head	GPRS 2 Slots	Mode A	0	Right Tilt	661	1880	26.6	25.8	0.235	0.283	0.141	0.170	
ANT 4	Body & Hotspot	GPRS 2 Slots	Mode B	5	Back	512	1850.2	27.6	26.5	0.734	**0.946**	0.400	0.515	6
ANT 4	Body & Hotspot	GPRS 2 Slots	Mode B	5	Back	661	1880	27.6	26.9	0.736	0.865	0.389	0.457	
ANT 4	Body & Hotspot	GPRS 2 Slots	Mode B	5	Back	810	1909.8	27.6	27.0	0.579	0.665	0.303	0.348	
ANT 4	Body & Hotspot	GPRS 2 Slots	Mode B	5	Front	661	1880	27.6	26.9	0.223	0.262	0.127	0.149	
ANT 4	Hotspot	GPRS 2 Slots	Mode B	5	Edge Top	661	1880	27.6	26.9	0.276	0.324	0.126	0.148	
ANT 4	Hotspot	GPRS 2 Slots	Mode B	5	Edge Right	661	1880	27.6	26.9	0.537	0.631	0.270	0.317	

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	25.3	0.096	0.105	0.064	0.070	
ANT 1	Head	Rel. 99	Mode A	0	Left Tilt	9400	1880	25.7	25.3	0.078	0.086	0.048	0.053	
ANT 1	Head	Rel. 99	Mode A	0	Right Cheek	9400	1880	25.7	25.3	0.132	0.145	0.083	0.091	
ANT 1	Head	Rel. 99	Mode A	0	Right Tilt	9400	1880	25.7	25.3	0.083	0.091	0.052	0.057	
ANT 1	Body & Hotspot	Rel. 99	Mode B	5	Back	9400	1880	19.1	18.8	0.468	0.501	0.246	0.264	
ANT 1	Body & Hotspot	Rel. 99	Mode B	5	Front	9400	1880	19.1	18.8	0.384	0.411	0.191	0.205	
ANT 1	Hotspot	Rel. 99	Mode B	5	Edge Right	9400	1880	19.1	18.8	0.294	0.315	0.138	0.148	
ANT 1	Hotspot	Rel. 99	Mode B	5	Edge Bottom	9262	1852.4	19.1	18.8	0.833	0.893	0.393	0.421	
ANT 1	Hotspot	Rel. 99	Mode B	5	Edge Bottom	9400	1880	19.1	18.8	0.887	**0.950**	0.415	0.445	7
ANT 1	Hotspot	Rel. 99	Mode B	5	Edge Bottom	9538	1907.6	19.1	18.9	0.828	0.867	0.389	0.407	
ANT 1	Hotspot	Rel. 99	Mode B	5	Edge Left	9400	1880	19.1	18.8	0.009	0.010	0.004	0.004	
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	19.0	0.326	0.420	0.172	0.222	
ANT 2	Head	Rel. 99	Mode A	0	Left Tilt	9400	1880	20.1	19.0	0.342	0.441	0.170	0.219	
ANT 2	Head	Rel. 99	Mode A	0	Right Cheek	9262	1852.4	20.1	19.0	0.692	0.891	0.371	0.478	
ANT 2	Head	Rel. 99	Mode A	0	Right Cheek	9400	1880	20.1	19.0	0.681	0.877	0.370	0.477	
ANT 2	Head	Rel. 99	Mode A	0	Right Cheek	9538	1907.6	20.1	19.0	0.701	0.903	0.393	0.506	
ANT 2	Head	Rel. 99	Mode A	0	Right Tilt	9400	1880	20.1	19.0	0.619	0.797	0.299	0.385	
ANT 2	Body & Hotspot	Rel. 99	Mode B	5	Back	9400	1880	19.5	19.3	0.732	0.766	0.342	0.358	
ANT 2	Body & Hotspot	Rel. 99	Mode B	5	Front	9400	1880	19.5	19.3	0.359	0.376	0.189	0.198	
ANT 2	Hotspot	Rel. 99	Mode B	5	Edge Top	9262	1852.4	19.5	19.5	0.913	0.913	0.418	0.418	
ANT 2	Hotspot	Rel. 99	Mode B	5	Edge Top	9400	1880	19.5	19.3	0.827	0.866	0.379	0.397	
ANT 2	Hotspot	Rel. 99	Mode B	5	Edge Top	9538	1907.6	19.5	19.4	0.773	0.791	0.357	0.365	
ANT 2	Hotspot	Rel. 99	Mode B	5	Edge Right	9400	1880	19.5	19.3	0.002	0.002	0.000	0.000	
ANT 2	Hotspot	Rel. 99	Mode B	5	Edge Left	9400	1880	19.5	19.3	0.327	0.342	0.164	0.172	
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	22.7	0.228	0.262	0.139	0.160	
ANT 3	Head	Rel. 99	Mode A	0	Left Tilt	9400	1880	23.3	22.7	0.127	0.146	0.079	0.091	
ANT 3	Head	Rel. 99	Mode A	0	Right Cheek	9400	1880	23.3	22.7	0.230	0.264	0.143	0.164	
ANT 3	Head	Rel. 99	Mode A	0	Right Tilt	9400	1880	23.3	22.7	0.128	0.147	0.075	0.086	
ANT 3	Body & Hotspot	Rel. 99	Mode B	5	Back	9262	1852.4	21.3	21.3	0.852	0.852	0.381	0.381	
ANT 3	Body & Hotspot	Rel. 99	Mode B	5	Back	9400	1880	21.3	21.3	0.899	0.899	0.447	0.447	
ANT 3	Body & Hotspot	Rel. 99	Mode B	5	Back	9538	1907.6	21.3	21.2	0.923	**0.944**	0.457	0.468	8
ANT 3	Body & Hotspot	Rel. 99	Mode B	5	Front	9400	1880	21.3	21.3	0.274	0.274	0.164	0.164	
ANT 3	Hotspot	Rel. 99	Mode B	5	Edge Bottom	9400	1880	21.3	21.3	0.167	0.167	0.075	0.075	
ANT 3	Hotspot	Rel. 99	Mode B	5	Edge Left	9262	1852.4	21.3	21.3	0.829	0.829	0.403	0.403	
ANT 3	Hotspot	Rel. 99	Mode B	5	Edge Left	9400	1880	21.3	21.3	0.885	0.885	0.420	0.420	
ANT 3	Hotspot	Rel. 99	Mode B	5	Edge Left	9538	1907.6	21.3	21.2	0.869	0.889	0.409	0.419	
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	19.2	0.799	**0.917**	0.443	0.509	9
ANT 4	Head	Rel. 99	Mode A	0	Left Cheek	9400	1880	19.8	19.3	0.726	0.815	0.386	0.433	
ANT 4	Head	Rel. 99	Mode A	0	Left Cheek	9538	1907.6	19.8	19.3	0.679	0.762	0.357	0.401	
ANT 4	Head	Rel. 99	Mode A	0	Left Tilt	9400	1880	19.8	19.3	0.445	0.499	0.235	0.264	
ANT 4	Head	Rel. 99	Mode A	0	Right Cheek	9400	1880	19.8	19.3	0.269	0.302	0.167	0.187	
ANT 4	Head	Rel. 99	Mode A	0	Right Tilt	9400	1880	19.8	19.3	0.202	0.227	0.122	0.137	
ANT 4	Body & Hotspot	Rel. 99	Mode B	5	Back	9262	1852.4	20.4	20.4	0.894	0.894	0.474	0.474	
ANT 4	Body & Hotspot	Rel. 99	Mode B	5	Back	9400	1880	20.4	20.4	0.807	0.807	0.428	0.428	
ANT 4	Body & Hotspot	Rel. 99	Mode B	5	Back	9538	1907.6	20.4	20.4	0.750	0.750	0.396	0.396	
ANT 4	Body & Hotspot	Rel. 99	Mode B	5	Front	9400	1880	20.4	20.4	0.240	0.240	0.143	0.143	
ANT 4	Hotspot	Rel. 99	Mode B	5	Edge Top	9400	1880	20.4	20.4	0.265	0.265	0.123	0.123	
ANT 4	Hotspot	Rel. 99	Mode B	5	Edge Right	9400	1880	20.4	20.4	0.763	0.763	0.381	0.381	

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	25.3	0.086	0.086	0.059	0.059	
ANT 1	Head	Rel. 99	Mode A	0	Left Tilt	1413	1732.6	25.3	25.3	0.074	0.074	0.048	0.048	
ANT 1	Head	Rel. 99	Mode A	0	Right Cheek	1413	1732.6	25.3	25.3	0.150	0.150	0.099	0.099	
ANT 1	Head	Rel. 99	Mode A	0	Right Tilt	1413	1732.6	25.3	25.3	0.075	0.075	0.050	0.050	
ANT 1	Body & Hotspot	Rel. 99	Mode B	5	Back	1413	1732.6	19.3	18.4	0.414	0.509	0.220	0.271	
ANT 1	Body & Hotspot	Rel. 99	Mode B	5	Front	1413	1732.6	19.3	18.4	0.331	0.407	0.166	0.204	
ANT 1	Hotspot	Rel. 99	Mode B	5	Edge Right	1413	1732.6	19.3	18.4	0.091	0.112	0.044	0.054	
ANT 1	Hotspot	Rel. 99	Mode B	5	Edge Bottom	1312	1712.4	19.3	18.2	0.701	0.903	0.348	0.448	
ANT 1	Hotspot	Rel. 99	Mode B	5	Edge Bottom	1413	1732.6	19.3	18.4	0.669	0.823	0.330	0.406	
ANT 1	Hotspot	Rel. 99	Mode B	5	Edge Bottom	1513	1752.6	19.3	18.4	0.633	0.779	0.309	0.380	
ANT 1	Hotspot	Rel. 99	Mode B	5	Edge Left	1413	1732.6	19.3	18.4	0.030	0.037	0.017	0.021	
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	19.1	0.526	0.632	0.257	0.309	
ANT 2	Head	Rel. 99	Mode A	0	Left Tilt	1413	1732.6	19.9	19.1	0.553	0.665	0.263	0.316	
ANT 2	Head	Rel. 99	Mode A	0	Right Cheek	1413	1732.6	19.9	19.1	0.664	0.798	0.326	0.392	
ANT 2	Head	Rel. 99	Mode A	0	Right Tilt	1312	1712.4	19.9	19.2	0.729	0.857	0.341	0.401	
ANT 2	Head	Rel. 99	Mode A	0	Right Tilt	1413	1732.6	19.9	19.1	0.780	**0.938**	0.365	0.439	10
ANT 2	Head	Rel. 99	Mode A	0	Right Tilt	1513	1752.6	19.9	19.3	0.814	0.935	0.381	0.437	
ANT 2	Body & Hotspot	Rel. 99	Mode B	5	Back	1413	1732.6	19.8	19.5	0.639	0.685	0.315	0.338	
ANT 2	Body & Hotspot	Rel. 99	Mode B	5	Front	1413	1732.6	19.8	19.5	0.492	0.527	0.237	0.254	
ANT 2	Hotspot	Rel. 99	Mode B	5	Edge Top	1312	1712.4	19.8	19.5	0.791	0.848	0.362	0.388	
ANT 2	Hotspot	Rel. 99	Mode B	5	Edge Top	1413	1732.6	19.8	19.5	0.834	0.894	0.379	0.406	
ANT 2	Hotspot	Rel. 99	Mode B	5	Edge Top	1513	1752.6	19.8	19.5	0.885	**0.948**	0.401	0.430	11
ANT 2	Hotspot	Rel. 99	Mode B	5	Edge Right	1413	1732.6	19.8	19.5	0.025	0.027	0.013	0.014	
ANT 2	Hotspot	Rel. 99	Mode B	5	Edge Left	1413	1732.6	19.8	19.5	0.162	0.174	0.089	0.095	
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	0.192	0.192	0.124	0.124	
ANT 3	Head	Rel. 99	Mode A	0	Left Tilt	1413	1732.6	22.8	22.8	0.086	0.086	0.057	0.057	
ANT 3	Head	Rel. 99	Mode A	0	Right Cheek	1413	1732.6	22.8	22.8	0.073	0.073	0.047	0.047	
ANT 3	Head	Rel. 99	Mode A	0	Right Tilt	1413	1732.6	22.8	22.8	0.080	0.080	0.051	0.051	
ANT 3	Body & Hotspot	Rel. 99	Mode B	5	Back	1413	1732.6	22.3	21.8	0.690	0.774	0.355	0.398	
ANT 3	Body & Hotspot	Rel. 99	Mode B	5	Front	1413	1732.6	22.3	21.8	0.405	0.454	0.235	0.264	
ANT 3	Hotspot	Rel. 99	Mode B	5	Edge Bottom	1413	1732.6	22.3	21.8	0.302	0.339	0.168	0.188	
ANT 3	Hotspot	Rel. 99	Mode B	5	Edge Left	1413	1732.6	22.3	21.8	0.627	0.704	0.334	0.375	
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	19.6	19.3	0.624	0.669	0.346	0.371	
ANT 4	Head	Rel. 99	Mode A	0	Left Cheek	1413	1732.6	19.6	19.5	0.746	0.763	0.396	0.405	
ANT 4	Head	Rel. 99	Mode A	0	Left Cheek	1513	1752.6	19.6	19.5	0.886	0.907	0.495	0.507	
ANT 4	Head	Rel. 99	Mode A	0	Left Tilt	1413	1732.6	19.6	19.5	0.454	0.465	0.240	0.246	
ANT 4	Head	Rel. 99	Mode A	0	Right Cheek	1413	1732.6	19.6	19.5	0.137	0.140	0.081	0.083	
ANT 4	Head	Rel. 99	Mode A	0	Right Tilt	1413	1732.6	19.6	19.5	0.136	0.139	0.081	0.083	
ANT 4	Body & Hotspot	Rel. 99	Mode B	5	Back	1312	1712.4	21.6	20.8	0.490	0.589	0.256	0.308	
ANT 4	Body & Hotspot	Rel. 99	Mode B	5	Back	1413	1732.6	21.6	20.8	0.659	0.792	0.344	0.414	
ANT 4	Body & Hotspot	Rel. 99	Mode B	5	Back	1513	1752.6	21.6	20.8	0.788	**0.947**	0.411	0.494	12
ANT 4	Body & Hotspot	Rel. 99	Mode B	5	Front	1413	1732.6	21.6	20.8	0.296	0.356	0.175	0.210	
ANT 4	Hotspot	Rel. 99	Mode B	5	Edge Top	1413	1732.6	21.6	20.8	0.279	0.335	0.126	0.151	
ANT 4	Hotspot	Rel. 99	Mode B	5	Edge Right	1312	1712.4	21.6	20.8	0.716	0.861	0.370	0.445	
ANT 4	Hotspot	Rel. 99	Mode B	5	Edge Right	1413	1732.6	21.6	20.8	0.785	0.944	0.400	0.481	
ANT 4	Hotspot	Rel. 99	Mode B	5	Edge Right	1513	1752.6	21.6	20.8	0.657	0.790	0.348	0.418	

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	25.3	0.147	0.161	0.115	0.126	
ANT 1	Head	Rel. 99	Mode A	0	Left Tilt	4183	836.6	25.7	25.3	0.066	0.072	0.052	0.057	
ANT 1	Head	Rel. 99	Mode A	0	Right Cheek	4183	836.6	25.7	25.3	0.155	0.170	0.121	0.133	
ANT 1	Head	Rel. 99	Mode A	0	Right Tilt	4183	836.6	25.7	25.3	0.069	0.076	0.054	0.059	
ANT 1	Body & Hotspot	Rel. 99	Mode B	5	Back	4183	836.6	25.7	25.3	0.583	0.639	0.335	0.367	
ANT 1	Body & Hotspot	Rel. 99	Mode B	5	Front	4183	836.6	25.7	25.3	0.298	0.327	0.178	0.195	
ANT 1	Hotspot	Rel. 99	Mode B	5	Edge Right	4183	836.6	25.7	25.3	0.536	**0.588**	0.342	0.375	13
ANT 1	Hotspot	Rel. 99	Mode B	5	Edge Bottom	4183	836.6	25.7	25.3	0.199	0.218	0.061	0.067	
ANT 1	Hotspot	Rel. 99	Mode B	5	Edge Left	4183	836.6	25.7	25.3	0.233	0.255	0.133	0.146	
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	24.1	0.667	0.731	0.439	0.481	
ANT 2	Head	Rel. 99	Mode A	0	Left Tilt	4183	836.6	24.5	24.1	0.546	0.599	0.303	0.332	
ANT 2	Head	Rel. 99	Mode A	0	Right Cheek	4132	826.4	24.5	24.1	0.845	**0.927**	0.532	0.583	14
ANT 2	Head	Rel. 99	Mode A	0	Right Cheek	4183	836.6	24.5	24.1	0.829	0.909	0.517	0.567	
ANT 2	Head	Rel. 99	Mode A	0	Right Cheek	4233	846.6	24.5	23.8	0.775	0.911	0.483	0.567	
ANT 2	Head	Rel. 99	Mode A	0	Right Tilt	4183	836.6	24.5	24.1	0.576	0.632	0.314	0.344	
ANT 2	Body & Hotspot	Rel. 99	Mode B	5	Back	4183	836.6	24.7	24.3	0.631	**0.692**	0.363	0.398	15
ANT 2	Body & Hotspot	Rel. 99	Mode B	5	Front	4183	836.6	24.7	24.3	0.322	0.353	0.213	0.234	
ANT 2	Hotspot	Rel. 99	Mode B	5	Edge Top	4183	836.6	24.7	24.3	0.341	0.374	0.165	0.181	
ANT 2	Hotspot	Rel. 99	Mode B	5	Edge Right	4183	836.6	24.7	24.3	0.241	0.264	0.155	0.170	
ANT 2	Hotspot	Rel. 99	Mode B	5	Edge Left	4183	836.6	24.7	24.3	0.431	0.473	0.272	0.298	

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	24.8	0.132	0.162	0.101	0.124	
ANT 1	Head	QPSK	Mode A	0	Left Cheek	20525	836.5	25	12	24.7	23.8	0.106	0.130	0.079	0.097	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	20525	836.5	1	25	25.7	24.8	0.064	0.079	0.050	0.062	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	20525	836.5	25	12	24.7	23.8	0.053	0.065	0.040	0.049	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	20525	836.5	1	25	25.7	24.8	0.192	0.236	0.148	0.182	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	20525	836.5	25	12	24.7	23.8	0.152	0.187	0.117	0.144	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	20525	836.5	1	25	25.7	24.8	0.071	0.087	0.055	0.068	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	20525	836.5	25	12	24.7	23.8	0.051	0.063	0.040	0.049	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	20525	836.5	1	25	25.7	24.8	0.567	0.698	0.324	0.399	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	20525	836.5	25	12	24.7	23.8	0.448	0.551	0.257	0.316	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	20525	836.5	1	25	25.7	24.8	0.287	0.353	0.180	0.221	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	20525	836.5	25	12	24.7	23.8	0.219	0.269	0.135	0.166	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	20525	836.5	1	25	25.7	24.8	0.500	**0.615**	0.325	0.400	16
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	20525	836.5	25	12	24.7	23.8	0.399	0.491	0.260	0.320	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	20525	836.5	1	25	25.7	24.8	0.312	0.384	0.139	0.171	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	20525	836.5	25	12	24.7	23.8	0.250	0.308	0.110	0.135	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	20525	836.5	1	25	25.7	24.8	0.179	0.220	0.118	0.145	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	20525	836.5	25	12	24.7	23.8	0.142	0.175	0.093	0.114	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**RB Allocation**	**RB Offset**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 2	Head	QPSK	Mode A	0	Left Cheek	20525	836.5	1	25	24.5	24.0	0.534	0.599	0.395	0.443	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	20525	836.5	25	12	23.7	23.1	0.437	0.502	0.321	0.369	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	20525	836.5	1	25	24.5	24.0	0.479	0.537	0.276	0.310	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	20525	836.5	25	12	23.7	23.1	0.400	0.459	0.230	0.264	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	20525	836.5	1	25	24.5	24.0	0.698	**0.783**	0.453	0.508	17
ANT 2	Head	QPSK	Mode A	0	Right Cheek	20525	836.5	25	12	23.7	23.1	0.581	0.667	0.377	0.433	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	20525	836.5	1	25	24.5	24.0	0.470	0.527	0.277	0.311	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	20525	836.5	25	12	23.7	23.1	0.392	0.450	0.231	0.265	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	20525	836.5	1	25	24.7	24.3	0.640	**0.702**	0.373	0.409	18
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	20525	836.5	25	12	23.7	23.3	0.512	0.561	0.298	0.327	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	20525	836.5	1	25	24.7	24.3	0.321	0.352	0.211	0.231	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	20525	836.5	25	12	23.7	23.3	0.247	0.271	0.164	0.180	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	20525	836.5	1	25	24.7	24.3	0.303	0.332	0.149	0.163	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	20525	836.5	25	12	23.7	23.3	0.243	0.266	0.120	0.132	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	20525	836.5	1	25	24.7	24.3	0.210	0.230	0.136	0.149	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	20525	836.5	25	12	23.7	23.3	0.167	0.183	0.107	0.117	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	20525	836.5	1	25	24.7	24.3	0.314	0.344	0.204	0.224	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	20525	836.5	25	12	23.7	23.3	0.247	0.271	0.161	0.177	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**RB Allocation**	**RB Offset**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 3	Head	QPSK	Mode A	0	Left Cheek	20525	836.5	1	25	25.4	25.0	0.114	0.125	0.087	0.095	
ANT 3	Head	QPSK	Mode A	0	Left Cheek	20525	836.5	25	12	24.4	24.1	0.091	0.098	0.070	0.075	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	20525	836.5	1	25	25.4	25.0	0.050	0.055	0.040	0.044	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	20525	836.5	25	12	24.4	24.1	0.041	0.044	0.033	0.035	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	20525	836.5	1	25	25.4	25.0	0.096	0.105	0.074	0.081	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	20525	836.5	25	12	24.4	24.1	0.073	0.078	0.057	0.061	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	20525	836.5	1	25	25.4	25.0	0.037	0.041	0.029	0.032	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	20525	836.5	25	12	24.4	24.1	0.025	0.027	0.020	0.021	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	20525	836.5	1	25	25.3	24.9	0.550	0.603	0.293	0.321	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	20525	836.5	25	12	24.4	24.1	0.450	0.482	0.240	0.257	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	20525	836.5	1	25	25.3	24.9	0.230	0.252	0.135	0.148	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	20525	836.5	25	12	24.4	24.1	0.180	0.193	0.106	0.114	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	20525	836.5	1	25	25.3	24.9	0.290	0.318	0.119	0.130	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	20525	836.5	25	12	24.4	24.1	0.234	0.251	0.096	0.103	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	20525	836.5	1	25	25.3	24.9	0.302	0.331	0.140	0.154	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	20525	836.5	25	12	24.4	24.1	0.244	0.261	0.113	0.121	

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	Right Cheek	20476	831.6	1	49	20575	841.5	1	0	25.7	25.0	0.091	0.107	0.071	0.083	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	20476	831.6	1	49	20575	841.5	1	0	25.7	25.0	0.284	0.334	0.163	0.192	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**PCC UL**				**SCC UL**				**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
						Channel	Freq. (MHz)	RB Allocation	RB Offset	Channel	Freq. (MHz)	RB Allocation	RB Offset							
ANT 2	Head	QPSK	Mode A	0	Right Cheek	20476	831.6	1	49	20575	841.5	1	0	24.5	24.0	0.367	0.412	0.249	0.279	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	20476	831.6	1	49	20575	841.5	1	0	24.7	24.2	0.328	0.368	0.196	0.220	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**PCC UL**				**SCC UL**				**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
						Channel	Freq. (MHz)	RB Allocation	RB Offset	Channel	Freq. (MHz)	RB Allocation	RB Offset							
ANT 3	Head	QPSK	Mode A	0	Left Cheek	20476	831.6	1	49	20575	841.5	1	0	25.4	25.1	0.022	0.024	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	25.0	0.112	0.120	0.067	0.072	

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	19.4	0.101	0.116	0.055	0.063	
ANT 1	Head	QPSK	Mode A	0	Left Cheek	21100	2535	50	24	20.0	19.5	0.083	0.093	0.040	0.045	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	21100	2535	1	49	20.0	19.4	0.088	0.101	0.045	0.052	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	21100	2535	50	24	20.0	19.5	0.053	0.059	0.023	0.026	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	21100	2535	1	49	20.0	19.4	0.122	0.140	0.065	0.075	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	21100	2535	50	24	20.0	19.5	0.125	0.140	0.066	0.074	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	21100	2535	1	49	20.0	19.4	0.091	0.104	0.086	0.099	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	21100	2535	50	24	20.0	19.5	0.078	0.088	0.040	0.045	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	20850	2510	1	49	22.0	20.6	0.616	0.850	0.312	0.431	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	20850	2510	50	24	22.0	20.7	0.642	0.866	0.325	0.438	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	21100	2535	1	49	22.0	20.6	0.674	0.930	0.336	0.464	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	21100	2535	50	24	22.0	20.8	0.704	0.928	0.348	0.459	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	21100	2535	100	0	22.0	20.8	0.708	**0.933**	0.347	0.457	19
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	21350	2560	1	49	22.0	20.8	0.611	0.805	0.313	0.413	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	21350	2560	50	24	22.0	20.9	0.624	0.804	0.320	0.412	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	21100	2535	1	49	22.0	20.6	0.309	0.427	0.126	0.174	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	21100	2535	50	24	22.0	20.8	0.318	0.419	0.130	0.171	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	20850	2510	1	49	22.0	20.6	0.649	0.896	0.279	0.385	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	20850	2510	50	24	22.0	20.7	0.657	0.886	0.281	0.379	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	21100	2535	1	49	22.0	20.6	0.674	0.930	0.290	0.400	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	21100	2535	50	24	22.0	20.8	0.693	0.914	0.298	0.393	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	21100	2535	100	0	22.0	20.8	0.687	0.906	0.295	0.389	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	21350	2560	1	49	22.0	20.8	0.719	**0.948**	0.302	0.398	20
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	21350	2560	50	24	22.0	20.9	0.732	0.943	0.308	0.397	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	21100	2535	1	49	22.0	20.6	0.570	0.787	0.222	0.306	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	21100	2535	50	24	22.0	20.8	0.581	0.766	0.226	0.298	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	21100	2535	1	49	22.0	20.6	0.121	0.167	0.055	0.076	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	21100	2535	50	24	22.0	20.8	0.122	0.161	0.054	0.071	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**RB Allocation**	**RB Offset**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 2	Head	QPSK	Mode A	0	Left Cheek	21100	2535	1	49	18.7	18.0	0.413	0.485	0.165	0.194	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	21100	2535	50	24	18.7	18.1	0.426	0.489	0.170	0.195	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	21100	2535	1	49	18.7	18.0	0.525	0.617	0.204	0.240	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	21100	2535	50	24	18.7	18.1	0.493	0.566	0.186	0.214	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	20850	2510	1	49	18.7	18.1	0.808	0.928	0.352	0.404	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	20850	2510	50	24	18.7	18.2	0.816	0.916	0.356	0.399	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	21100	2535	1	49	18.7	18.0	0.763	0.896	0.331	0.389	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	21100	2535	50	24	18.7	18.1	0.780	0.896	0.339	0.389	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	21100	2535	100	0	18.7	18.2	0.817	0.917	0.352	0.395	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	21350	2560	1	49	18.7	18.1	0.773	0.888	0.333	0.382	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	21350	2560	50	24	18.7	18.2	0.795	0.892	0.342	0.384	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	20850	2510	1	49	18.7	18.1	0.580	0.666	0.232	0.266	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	21100	2535	1	49	18.7	18.0	0.686	0.806	0.273	0.321	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	21100	2535	50	24	18.7	18.1	0.679	0.780	0.270	0.310	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	21350	2560	1	49	18.7	18.1	0.554	0.636	0.222	0.255	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	20850	2510	1	49	19.6	19.0	0.767	0.881	0.311	0.357	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	20850	2510	50	24	19.6	19.1	0.794	0.891	0.322	0.361	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	21100	2535	1	49	19.6	18.8	0.771	0.927	0.309	0.371	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	21100	2535	50	24	19.6	18.9	0.791	0.929	0.319	0.375	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	21100	2535	100	0	19.6	19.0	0.781	0.897	0.315	0.362	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	21350	2560	1	49	19.6	18.9	0.772	0.907	0.310	0.364	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	21350	2560	50	24	19.6	19.0	0.791	0.908	0.319	0.366	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	21100	2535	1	49	19.6	18.8	0.315	0.379	0.138	0.166	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	21100	2535	50	24	19.6	18.9	0.324	0.381	0.143	0.168	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	21100	2535	1	49	19.6	18.8	0.474	0.570	0.179	0.215	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	21100	2535	50	24	19.6	18.9	0.471	0.553	0.177	0.208	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	21100	2535	1	49	19.6	18.8	0.040	0.048	0.020	0.024	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	21100	2535	50	24	19.6	18.9	0.040	0.047	0.020	0.023	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	20850	2510	1	49	19.6	19.0	0.759	0.871	0.344	0.395	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	20850	2510	50	24	19.6	19.1	0.786	0.882	0.353	0.396	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	21100	2535	1	49	19.6	18.8	0.768	0.923	0.339	0.408	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	21100	2535	50	24	19.6	18.9	0.792	0.931	0.350	0.411	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	21100	2535	100	0	19.6	19.0	0.744	0.854	0.335	0.385	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	21350	2560	1	49	19.6	18.9	0.714	0.839	0.312	0.367	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	21350	2560	50	24	19.6	19.0	0.737	0.846	0.324	0.372	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**RB Allocation**	**RB Offset**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 3	Head	QPSK	Mode A	0	Left Cheek	21100	2535	1	49	21.8	21.3	0.169	0.190	0.088	0.099	
ANT 3	Head	QPSK	Mode A	0	Left Cheek	21100	2535	50	24	21.8	21.4	0.166	0.182	0.087	0.095	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	21100	2535	1	49	21.8	21.3	0.038	0.043	0.017	0.019	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	21100	2535	50	24	21.8	21.4	0.043	0.047	0.021	0.023	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	21100	2535	1	49	21.8	21.3	0.058	0.065	0.032	0.036	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	21100	2535	50	24	21.8	21.4	0.060	0.066	0.033	0.036	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	21100	2535	1	49	21.8	21.3	0.066	0.074	0.034	0.038	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	21100	2535	50	24	21.8	21.4	0.065	0.071	0.034	0.037	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	20850	2510	1	49	20.8	20.5	0.850	0.911	0.355	0.380	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	20850	2510	50	24	20.8	20.6	0.869	0.910	0.363	0.380	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	21100	2535	1	49	20.8	20.3	0.802	0.900	0.345	0.387	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	21100	2535	50	24	20.8	20.5	0.813	0.871	0.351	0.376	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	21100	2535	100	0	20.8	20.6	0.847	0.887	0.352	0.369	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	21350	2560	1	49	20.8	20.6	0.777	0.814	0.364	0.381	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	21350	2560	50	24	20.8	20.8	0.801	0.801	0.376	0.376	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	20850	2510	1	49	20.8	20.5	0.532	0.570	0.252	0.270	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	20850	2510	50	24	20.8	20.6	0.538	0.563	0.256	0.268	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	21100	2535	1	49	20.8	20.3	0.513	0.576	0.238	0.267	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	21100	2535	50	24	20.8	20.5	0.515	0.552	0.239	0.256	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	21100	2535	1	49	20.8	20.3	0.289	0.324	0.145	0.163	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	21100	2535	50	24	20.8	20.5	0.297	0.318	0.149	0.160	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	21100	2535	1	49	20.8	20.3	0.661	0.742	0.283	0.318	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	21100	2535	50	24	20.8	20.5	0.673	0.721	0.287	0.308	

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	19.7	0.863	0.925	0.360	0.386	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	20850	2510	50	24	20.0	19.7	0.876	**0.939**	0.365	0.391	21
ANT 4	Head	QPSK	Mode A	0	Left Cheek	21100	2535	1	49	20.0	19.7	0.772	0.827	0.316	0.339	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	21100	2535	50	24	20.0	19.7	0.802	0.859	0.330	0.354	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	21100	2535	100	0	20.0	19.7	0.802	0.859	0.330	0.354	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	21350	2560	1	49	20.0	19.6	0.843	0.924	0.347	0.380	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	21350	2560	50	24	20.0	19.7	0.862	0.924	0.354	0.379	
ANT 4	Head	QPSK	Mode A	0	Left Tilt	21100	2535	1	49	20.0	19.7	0.181	0.194	0.094	0.101	
ANT 4	Head	QPSK	Mode A	0	Left Tilt	21100	2535	50	24	20.0	19.7	0.188	0.201	0.097	0.104	
ANT 4	Head	QPSK	Mode A	0	Right Cheek	21100	2535	1	49	20.0	19.7	0.202	0.216	0.108	0.116	
ANT 4	Head	QPSK	Mode A	0	Right Cheek	21100	2535	50	24	20.0	19.7	0.210	0.225	0.112	0.120	
ANT 4	Head	QPSK	Mode A	0	Right Tilt	21100	2535	1	49	20.0	19.7	0.072	0.077	0.038	0.041	
ANT 4	Head	QPSK	Mode A	0	Right Tilt	21100	2535	50	24	20.0	19.7	0.076	0.081	0.040	0.043	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	20850	2510	1	49	20.4	20.2	0.763	0.799	0.330	0.346	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	20850	2510	50	24	20.4	20.2	0.785	0.822	0.340	0.356	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	21100	2535	1	49	20.4	20.0	0.729	0.799	0.313	0.343	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	21100	2535	50	24	20.4	20.2	0.766	0.802	0.329	0.345	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	21100	2535	100	0	20.4	20.2	0.755	0.791	0.325	0.340	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	21350	2560	1	49	20.4	20.2	0.787	0.824	0.340	0.356	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	21350	2560	50	24	20.4	20.3	0.816	0.835	0.352	0.360	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Front	21100	2535	1	49	20.4	20.0	0.370	0.406	0.168	0.184	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Front	21100	2535	50	24	20.4	20.2	0.376	0.394	0.170	0.178	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Top	21100	2535	1	49	20.4	20.0	0.048	0.053	0.026	0.029	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Top	21100	2535	50	24	20.4	20.2	0.049	0.051	0.027	0.028	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	20850	2510	1	49	20.4	20.2	0.888	0.930	0.382	0.400	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	20850	2510	50	24	20.4	20.2	0.884	0.926	0.381	0.399	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	21100	2535	1	49	20.4	20.0	0.830	0.910	0.354	0.388	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	21100	2535	50	24	20.4	20.2	0.855	0.895	0.364	0.381	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	21100	2535	100	0	20.4	20.2	0.854	0.894	0.363	0.380	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	21350	2560	1	49	20.4	20.2	0.887	0.929	0.375	0.393	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	21350	2560	50	24	20.4	20.3	0.901	0.922	0.382	0.391	

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	19.3	0.109	0.128	0.057	0.067	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	21001	2525.1	1	99	21199	2544.9	1	0	22.0	20.7	0.327	0.441	0.164	0.221	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	21152	2540.2	1	99	21350	2560	1	0	22.0	20.6	0.449	0.620	0.194	0.268	
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	20850	2510	1	99	21048	2529.8	1	0	18.7	18.0	0.481	0.565	0.212	0.249	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	21001	2525.1	1	99	21199	2544.9	1	0	19.6	18.6	0.472	0.594	0.181	0.228	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	21001	2525.1	1	99	21199	2544.9	1	0	19.6	18.6	0.446	0.561	0.196	0.247	
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	21.4	0.137	0.150	0.069	0.076	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	20850	2510	1	99	21048	2529.8	1	0	20.8	20.3	0.505	0.567	0.210	0.236	
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	20850	2510	1	99	21048	2529.8	1	0	20.0	19.6	0.405	0.444	0.170	0.186	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	21152	2540.2	1	99	21350	2560	1	0	20.4	20.2	0.282	0.295	0.124	0.130	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	20850	2510	1	99	21048	2529.8	1	0	20.4	20.3	0.609	0.623	0.259	0.265	

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	25.3	0.143	0.157	0.114	0.125	
ANT 1	Head	QPSK	Mode A	0	Left Cheek	23095	707.5	25	12	24.7	24.3	0.113	0.124	0.090	0.099	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	23095	707.5	1	25	25.7	25.3	0.098	0.107	0.080	0.088	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	23095	707.5	25	12	24.7	24.3	0.077	0.084	0.062	0.068	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	23095	707.5	1	25	25.7	25.3	0.151	0.166	0.120	0.132	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	23095	707.5	25	12	24.7	24.3	0.120	0.132	0.095	0.104	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	23095	707.5	1	25	25.7	25.3	0.113	0.124	0.091	0.100	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	23095	707.5	25	12	24.7	24.3	0.084	0.092	0.068	0.075	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	23095	707.5	1	25	25.7	25.3	0.393	0.431	0.258	0.283	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	23095	707.5	25	12	24.7	24.3	0.312	0.342	0.203	0.223	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	23095	707.5	1	25	25.7	25.3	0.179	0.196	0.126	0.138	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	23095	707.5	25	12	24.7	24.3	0.143	0.157	0.101	0.111	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	23095	707.5	1	25	25.7	25.3	0.626	**0.686**	0.419	0.459	22
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	23095	707.5	25	12	24.7	24.3	0.494	0.542	0.331	0.363	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	23095	707.5	1	25	25.7	25.3	0.123	0.135	0.057	0.062	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	23095	707.5	25	12	24.7	24.3	0.100	0.110	0.046	0.050	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	23095	707.5	1	25	25.7	25.3	0.304	0.333	0.199	0.218	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	23095	707.5	25	12	24.7	24.3	0.247	0.271	0.161	0.177	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**RB Allocation**	**RB Offset**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 2	Head	QPSK	Mode A	0	Left Cheek	23095	707.5	1	25	24.7	24.0	0.571	0.671	0.343	0.403	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	23095	707.5	25	12	23.7	23.1	0.459	0.527	0.275	0.316	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	23095	707.5	1	25	24.7	24.0	0.603	0.708	0.303	0.356	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	23095	707.5	25	12	23.7	23.1	0.483	0.555	0.242	0.278	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	23095	707.5	1	25	24.7	24.0	0.791	**0.929**	0.459	0.539	23
ANT 2	Head	QPSK	Mode A	0	Right Cheek	23095	707.5	25	12	23.7	23.1	0.639	0.734	0.372	0.427	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	23095	707.5	1	25	24.7	24.0	0.535	0.629	0.290	0.341	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	23095	707.5	25	12	23.7	23.1	0.432	0.496	0.235	0.270	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	23095	707.5	1	25	24.7	24.0	0.443	**0.520**	0.259	0.304	24
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	23095	707.5	25	12	23.7	23.1	0.359	0.412	0.210	0.241	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	23095	707.5	1	25	24.7	24.0	0.206	0.242	0.140	0.164	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	23095	707.5	25	12	23.7	23.1	0.165	0.189	0.112	0.129	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	23095	707.5	1	25	24.7	24.0	0.157	0.184	0.078	0.092	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	23095	707.5	25	12	23.7	23.1	0.127	0.146	0.063	0.072	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	23095	707.5	1	25	24.7	24.0	0.168	0.197	0.112	0.132	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	23095	707.5	25	12	23.7	23.1	0.134	0.154	0.089	0.102	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	23095	707.5	1	25	24.7	24.0	0.290	0.341	0.192	0.226	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	23095	707.5	25	12	23.7	23.1	0.232	0.266	0.153	0.176	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**RB Allocation**	**RB Offset**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 3	Head	QPSK	Mode A	0	Left Cheek	23095	707.5	1	25	25.4	24.7	0.087	0.102	0.067	0.079	
ANT 3	Head	QPSK	Mode A	0	Left Cheek	23095	707.5	25	12	24.4	23.8	0.069	0.079	0.053	0.061	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	23095	707.5	1	25	25.4	24.7	0.033	0.039	0.020	0.023	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	23095	707.5	25	12	24.4	23.8	0.030	0.034	0.024	0.028	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	23095	707.5	1	25	25.4	24.7	0.077	0.090	0.061	0.072	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	23095	707.5	25	12	24.4	23.8	0.062	0.071	0.049	0.056	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	23095	707.5	1	25	25.4	24.7	0.055	0.065	0.044	0.052	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	23095	707.5	25	12	24.4	23.8	0.044	0.051	0.035	0.040	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	23095	707.5	1	25	25.4	24.7	0.376	0.442	0.206	0.242	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	23095	707.5	25	12	24.4	23.8	0.304	0.349	0.166	0.191	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	23095	707.5	1	25	25.4	24.7	0.222	0.261	0.125	0.147	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	23095	707.5	25	12	24.4	23.8	0.181	0.208	0.102	0.117	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	23095	707.5	1	25	25.4	24.7	0.270	0.317	0.105	0.123	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	23095	707.5	25	12	24.4	23.8	0.220	0.253	0.085	0.098	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	23095	707.5	1	25	25.4	24.7	0.270	0.317	0.079	0.093	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	23095	707.5	25	12	24.4	23.8	0.265	0.304	0.177	0.203	

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	0.195	0.214	0.154	0.169	
ANT 1	Head	QPSK	Mode A	0	Left Cheek	23230	782	25	12	24.7	24.3	0.153	0.168	0.120	0.132	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	23230	782	1	25	25.7	25.3	0.104	0.114	0.084	0.092	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	23230	782	25	12	24.7	24.3	0.083	0.091	0.067	0.073	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	23230	782	1	25	25.7	25.3	0.235	0.258	0.184	0.202	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	23230	782	25	12	24.7	24.3	0.184	0.202	0.144	0.158	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	23230	782	1	25	25.7	25.3	0.145	0.159	0.118	0.129	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	23230	782	25	12	24.7	24.3	0.114	0.125	0.092	0.101	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	23230	782	1	25	25.7	25.3	0.477	0.523	0.310	0.340	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	23230	782	25	12	24.7	24.3	0.372	0.408	0.242	0.265	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	23230	782	1	25	25.7	25.3	0.243	0.266	0.187	0.205	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	23230	782	25	12	24.7	24.3	0.188	0.206	0.145	0.159	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	23230	782	1	25	25.7	25.3	0.713	**0.782**	0.472	0.518	25
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	23230	782	25	12	24.7	24.3	0.561	0.615	0.373	0.409	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	23230	782	1	25	25.7	25.3	0.174	0.191	0.075	0.082	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	23230	782	25	12	24.7	24.3	0.140	0.154	0.060	0.066	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	23230	782	1	25	25.7	25.3	0.348	0.382	0.224	0.246	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	23230	782	25	12	24.7	24.3	0.268	0.294	0.174	0.191	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**RB Allocation**	**RB Offset**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 2	Head	QPSK	Mode A	0	Left Cheek	23230	782	1	25	24.5	23.8	0.571	0.671	0.408	0.479	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	23230	782	25	12	23.7	22.9	0.473	0.569	0.338	0.406	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	23230	782	1	25	24.5	23.8	0.473	0.556	0.271	0.318	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	23230	782	25	12	23.7	22.9	0.390	0.469	0.223	0.268	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	23230	782	1	25	24.5	23.8	0.764	**0.898**	0.465	0.546	26
ANT 2	Head	QPSK	Mode A	0	Right Cheek	23230	782	25	12	23.7	22.9	0.637	0.766	0.399	0.480	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	23230	782	1	25	24.5	23.8	0.485	0.570	0.267	0.314	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	23230	782	25	12	23.7	22.9	0.401	0.482	0.221	0.266	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	23230	782	1	25	24.5	23.8	0.619	**0.727**	0.357	0.419	27
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	23230	782	25	12	23.7	22.9	0.510	0.613	0.295	0.355	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	23230	782	1	25	24.5	23.8	0.305	0.358	0.192	0.226	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	23230	782	25	12	23.7	22.9	0.255	0.307	0.160	0.192	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	23230	782	1	25	24.5	23.8	0.211	0.248	0.107	0.126	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	23230	782	25	12	23.7	22.9	0.177	0.213	0.090	0.108	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	23230	782	1	25	24.5	23.8	0.185	0.217	0.121	0.142	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	23230	782	25	12	23.7	22.9	0.155	0.186	0.102	0.123	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	23230	782	1	25	24.5	23.8	0.275	0.323	0.179	0.210	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	23230	782	25	12	23.7	22.9	0.231	0.278	0.151	0.182	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**RB Allocation**	**RB Offset**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 3	Head	QPSK	Mode A	0	Left Cheek	23230	782	1	25	25.4	25.0	0.101	0.111	0.077	0.084	
ANT 3	Head	QPSK	Mode A	0	Left Cheek	23230	782	25	12	24.4	24.0	0.079	0.087	0.061	0.067	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	23230	782	1	25	25.4	25.0	0.072	0.079	0.058	0.064	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	23230	782	25	12	24.4	24.0	0.058	0.064	0.046	0.050	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	23230	782	1	25	25.4	25.0	0.076	0.083	0.061	0.067	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	23230	782	25	12	24.4	24.0	0.062	0.068	0.050	0.055	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	23230	782	1	25	25.4	25.0	0.055	0.060	0.044	0.048	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	23230	782	25	12	24.4	24.0	0.044	0.048	0.035	0.038	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	23230	782	1	25	25.4	25.0	0.409	0.448	0.213	0.234	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	23230	782	25	12	24.4	24.0	0.331	0.363	0.173	0.190	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	23230	782	1	25	25.4	25.0	0.175	0.192	0.102	0.112	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	23230	782	25	12	24.4	24.0	0.143	0.157	0.083	0.091	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	23230	782	1	25	25.4	25.0	0.244	0.268	0.101	0.111	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	23230	782	25	12	24.4	24.0	0.194	0.213	0.081	0.089	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	23230	782	1	25	25.4	25.0	0.356	0.390	0.174	0.191	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	23230	782	25	12	24.4	24.0	0.287	0.315	0.140	0.154	

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	25.2	0.165	0.185	0.130	0.146	
ANT 1	Head	QPSK	Mode A	0	Left Cheek	23330	793	25	12	24.7	24.2	0.133	0.149	0.104	0.117	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	23330	793	1	25	25.7	25.2	0.080	0.090	0.065	0.073	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	23330	793	25	12	24.7	24.2	0.065	0.073	0.052	0.058	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	23330	793	1	25	25.7	25.2	0.208	0.233	0.164	0.184	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	23330	793	25	12	24.7	24.2	0.165	0.185	0.129	0.145	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	23330	793	1	25	25.7	25.2	0.119	0.134	0.095	0.107	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	23330	793	25	12	24.7	24.2	0.096	0.108	0.077	0.086	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	23330	793	1	25	25.7	25.2	0.485	0.544	0.294	0.330	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	23330	793	25	12	24.7	24.2	0.388	0.435	0.235	0.264	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	23330	793	1	25	25.7	25.2	0.215	0.241	0.138	0.155	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	23330	793	25	12	24.7	24.2	0.172	0.193	0.111	0.125	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	23330	793	1	25	25.7	25.2	0.626	**0.702**	0.414	0.465	28
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	23330	793	25	12	24.7	24.2	0.496	0.557	0.328	0.368	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	23330	793	1	25	25.7	25.2	0.163	0.183	0.074	0.083	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	23330	793	25	12	24.7	24.2	0.135	0.151	0.061	0.068	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	23330	793	1	25	25.7	25.2	0.266	0.298	0.173	0.194	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	23330	793	25	12	24.7	24.2	0.214	0.240	0.139	0.156	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**RB Allocation**	**RB Offset**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 2	Head	QPSK	Mode A	0	Left Cheek	23330	793	1	25	24.5	23.7	0.548	0.659	0.389	0.468	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	23330	793	25	12	23.7	22.9	0.462	0.555	0.329	0.396	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	23330	793	1	25	24.5	23.7	0.442	0.531	0.250	0.301	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	23330	793	25	12	23.7	22.9	0.377	0.453	0.214	0.257	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	23330	793	1	25	24.5	23.7	0.710	**0.854**	0.433	0.521	29
ANT 2	Head	QPSK	Mode A	0	Right Cheek	23330	793	25	12	23.7	22.9	0.604	0.726	0.368	0.442	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	23330	793	1	25	24.5	23.7	0.457	0.549	0.248	0.298	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	23330	793	25	12	23.7	22.9	0.432	0.519	0.232	0.279	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	23330	793	1	25	24.5	23.7	0.665	**0.800**	0.388	0.466	30
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	23330	793	25	12	23.7	22.9	0.557	0.670	0.324	0.390	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	23330	793	1	25	24.5	23.7	0.342	0.411	0.207	0.249	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	23330	793	25	12	23.7	22.9	0.290	0.349	0.175	0.210	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	23330	793	1	25	24.5	23.7	0.234	0.281	0.117	0.141	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	23330	793	25	12	23.7	22.9	0.196	0.236	0.098	0.118	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	23330	793	1	25	24.5	23.7	0.170	0.204	0.111	0.133	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	23330	793	25	12	23.7	22.9	0.142	0.171	0.092	0.111	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	23330	793	1	25	24.5	23.7	0.252	0.303	0.164	0.197	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	23330	793	25	12	23.7	22.9	0.214	0.257	0.139	0.167	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**RB Allocation**	**RB Offset**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 3	Head	QPSK	Mode A	0	Left Cheek	23330	793	1	25	25.4	24.8	0.071	0.082	0.055	0.063	
ANT 3	Head	QPSK	Mode A	0	Left Cheek	23330	793	25	12	24.4	23.9	0.057	0.064	0.044	0.049	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	23330	793	1	25	25.4	24.8	0.037	0.042	0.029	0.033	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	23330	793	25	12	24.4	23.9	0.030	0.034	0.024	0.027	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	23330	793	1	25	25.4	24.8	0.057	0.065	0.045	0.052	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	23330	793	25	12	24.4	23.9	0.045	0.050	0.036	0.040	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	23330	793	1	25	25.4	24.8	0.033	0.038	0.026	0.030	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	23330	793	25	12	24.4	23.9	0.027	0.030	0.021	0.024	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	23330	793	1	25	25.4	24.8	0.309	0.355	0.166	0.191	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	23330	793	25	12	24.4	23.9	0.248	0.278	0.133	0.149	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	23330	793	1	25	25.4	24.8	0.197	0.226	0.112	0.129	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	23330	793	25	12	24.4	23.9	0.160	0.180	0.091	0.102	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	23330	793	1	25	25.4	24.8	0.192	0.220	0.078	0.090	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	23330	793	25	12	24.4	23.9	0.156	0.175	0.063	0.071	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	23330	793	1	25	25.4	24.8	0.289	0.332	0.140	0.161	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	23330	793	25	12	24.4	23.9	0.235	0.264	0.114	0.128	

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	25.4	0.143	0.153	0.095	0.102	
ANT 1	Head	QPSK	Mode A	0	Left Cheek	26365	1882.5	50	24	24.7	24.5	0.110	0.115	0.073	0.076	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	26365	1882.5	1	49	25.7	25.4	0.103	0.110	0.065	0.070	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	26365	1882.5	50	24	24.7	24.5	0.081	0.085	0.051	0.053	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	26365	1882.5	1	49	25.7	25.4	0.276	0.296	0.171	0.183	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	26365	1882.5	50	24	24.7	24.5	0.223	0.234	0.138	0.145	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	26365	1882.5	1	49	25.7	25.4	0.099	0.106	0.063	0.068	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	26365	1882.5	50	24	24.7	24.5	0.079	0.083	0.051	0.053	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	26365	1882.5	1	49	19.5	18.6	0.501	0.616	0.261	0.321	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	26365	1882.5	50	24	19.5	18.7	0.518	0.623	0.269	0.323	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	26365	1882.5	1	49	19.5	18.6	0.375	0.461	0.189	0.233	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	26365	1882.5	50	24	19.5	18.7	0.388	0.466	0.196	0.236	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	26365	1882.5	1	49	19.5	18.6	0.292	0.359	0.137	0.169	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	26365	1882.5	50	24	19.5	18.7	0.300	0.361	0.142	0.171	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	26140	1860	1	49	19.5	18.6	0.710	0.873	0.332	0.408	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	26140	1860	50	24	19.5	18.7	0.735	0.884	0.343	0.412	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	26365	1882.5	1	49	19.5	18.6	0.768	0.945	0.360	0.443	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	26365	1882.5	50	24	19.5	18.7	0.788	**0.947**	0.369	0.444	31
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	26365	1882.5	100	0	19.5	18.7	0.769	0.925	0.360	0.433	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	26590	1905	1	49	19.5	18.6	0.721	0.887	0.340	0.418	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	26590	1905	50	24	19.5	18.7	0.732	0.880	0.345	0.415	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	26365	1882.5	1	49	19.5	18.6	0.009	0.011	0.003	0.004	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	26365	1882.5	50	24	19.5	18.7	0.008	0.010	0.003	0.004	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**RB Allocation**	**RB Offset**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 2	Head	QPSK	Mode A	0	Left Cheek	26365	1882.5	1	49	20.6	18.8	0.304	0.460	0.157	0.238	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	26365	1882.5	50	24	20.6	18.9	0.302	0.447	0.156	0.231	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	26365	1882.5	1	49	20.6	18.8	0.332	0.503	0.164	0.248	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	26365	1882.5	50	24	20.6	18.9	0.337	0.498	0.167	0.247	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	26140	1860	1	49	20.6	19.0	0.607	0.877	0.316	0.457	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	26140	1860	50	24	20.6	19.0	0.627	0.906	0.328	0.474	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	26365	1882.5	1	49	20.6	18.8	0.613	0.928	0.330	0.499	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	26365	1882.5	50	24	20.6	18.9	0.620	0.917	0.333	0.493	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	26365	1882.5	100	0	20.6	18.9	0.628	0.929	0.338	0.500	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	26590	1905	1	49	20.6	18.8	0.619	0.937	0.338	0.512	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	26590	1905	50	24	20.6	19.0	0.643	0.929	0.349	0.504	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	26140	1860	1	49	20.6	19.0	0.626	0.905	0.290	0.419	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	26140	1860	50	24	20.6	19.0	0.649	0.938	0.305	0.441	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	26365	1882.5	1	49	20.6	18.8	0.617	0.934	0.288	0.436	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	26365	1882.5	50	24	20.6	18.9	0.619	0.916	0.289	0.427	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	26365	1882.5	100	0	20.6	18.9	0.625	0.924	0.291	0.430	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	26590	1905	1	49	20.6	18.8	0.601	0.910	0.283	0.428	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	26590	1905	50	24	20.6	19.0	0.615	0.889	0.289	0.418	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	26140	1860	1	49	19.5	19.0	0.646	0.725	0.305	0.342	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	26140	1860	50	24	19.5	19.0	0.662	0.743	0.313	0.351	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	26365	1882.5	1	49	19.5	18.8	0.699	0.821	0.322	0.378	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	26365	1882.5	50	24	19.5	18.9	0.705	0.809	0.326	0.374	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	26365	1882.5	100	0	19.5	18.9	0.701	0.805	0.323	0.371	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	26590	1905	1	49	19.5	18.8	0.705	0.828	0.323	0.379	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	26590	1905	50	24	19.5	19.0	0.727	0.816	0.332	0.373	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	26365	1882.5	1	49	19.5	18.8	0.361	0.424	0.179	0.210	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	26365	1882.5	50	24	19.5	18.9	0.364	0.418	0.181	0.208	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	26140	1860	1	49	19.5	19.0	0.829	0.930	0.385	0.432	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	26140	1860	50	24	19.5	19.0	0.826	0.927	0.384	0.431	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	26365	1882.5	1	49	19.5	18.8	0.788	0.926	0.365	0.429	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	26365	1882.5	50	24	19.5	18.9	0.810	0.930	0.376	0.432	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	26365	1882.5	100	0	19.5	18.9	0.792	0.909	0.366	0.420	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	26590	1905	1	49	19.5	18.8	0.720	0.846	0.331	0.389	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	26590	1905	50	24	19.5	19.0	0.741	0.831	0.340	0.381	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	26365	1882.5	1	49	19.5	18.8	0.013	0.015	0.006	0.007	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	26365	1882.5	50	24	19.5	18.9	0.014	0.016	0.006	0.007	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	26365	1882.5	1	49	19.5	18.8	0.319	0.375	0.158	0.186	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	26365	1882.5	50	24	19.5	18.9	0.297	0.341	0.151	0.173	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**RB Allocation**	**RB Offset**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 3	Head	QPSK	Mode A	0	Left Cheek	26365	1882.5	1	49	23.3	23.3	0.252	0.252	0.153	0.153	
ANT 3	Head	QPSK	Mode A	0	Left Cheek	26365	1882.5	50	24	23.3	23.3	0.251	0.251	0.153	0.153	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	26365	1882.5	1	49	23.3	23.3	0.098	0.098	0.064	0.064	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	26365	1882.5	50	24	23.3	23.3	0.097	0.097	0.064	0.064	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	26365	1882.5	1	49	23.3	23.3	0.148	0.148	0.091	0.091	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	26365	1882.5	50	24	23.3	23.3	0.134	0.134	0.084	0.084	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	26365	1882.5	1	49	23.3	23.3	0.109	0.109	0.065	0.065	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	26365	1882.5	50	24	23.3	23.3	0.109	0.109	0.066	0.066	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	26140	1860	1	49	21.9	21.7	0.845	0.885	0.435	0.456	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	26140	1860	50	24	21.9	21.8	0.877	0.897	0.450	0.460	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	26365	1882.5	1	49	21.9	21.8	0.910	0.931	0.462	0.473	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	26365	1882.5	50	24	21.9	21.9	0.922	0.922	0.469	0.469	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	26365	1882.5	100	0	21.9	21.8	0.913	**0.934**	0.462	0.473	32
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	26590	1905	1	49	21.9	21.8	0.908	0.929	0.454	0.465	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	26590	1905	50	24	21.9	21.8	0.879	0.899	0.441	0.451	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	26365	1882.5	1	49	21.9	21.8	0.334	0.342	0.202	0.207	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	26365	1882.5	50	24	21.9	21.9	0.343	0.343	0.205	0.205	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	26365	1882.5	1	49	21.9	21.8	0.220	0.225	0.109	0.112	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	26365	1882.5	50	24	21.9	21.9	0.228	0.228	0.121	0.121	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	26365	1882.5	1	49	21.9	21.8	0.760	0.778	0.374	0.383	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	26365	1882.5	50	24	21.9	21.9	0.770	0.770	0.394	0.394	

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	20.6	20.0	0.817	0.938	0.458	0.526	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	26140	1860	50	24	20.6	20.1	0.838	**0.940**	0.471	0.528	33
ANT 4	Head	QPSK	Mode A	0	Left Cheek	26365	1882.5	1	49	20.6	20.0	0.743	0.853	0.417	0.479	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	26365	1882.5	50	24	20.6	20.0	0.765	0.878	0.430	0.494	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	26365	1882.5	100	0	20.6	20.1	0.756	0.848	0.426	0.478	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	26590	1905	1	49	20.6	20.0	0.713	0.819	0.401	0.460	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	26590	1905	50	24	20.6	20.1	0.730	0.819	0.410	0.460	
ANT 4	Head	QPSK	Mode A	0	Left Tilt	26365	1882.5	1	49	20.6	20.0	0.461	0.529	0.248	0.285	
ANT 4	Head	QPSK	Mode A	0	Left Tilt	26365	1882.5	50	24	20.6	20.0	0.481	0.552	0.255	0.293	
ANT 4	Head	QPSK	Mode A	0	Right Cheek	26365	1882.5	1	49	20.6	20.0	0.265	0.304	0.164	0.188	
ANT 4	Head	QPSK	Mode A	0	Right Cheek	26365	1882.5	50	24	20.6	20.0	0.269	0.309	0.167	0.192	
ANT 4	Head	QPSK	Mode A	0	Right Tilt	26365	1882.5	1	49	20.6	20.0	0.194	0.223	0.117	0.134	
ANT 4	Head	QPSK	Mode A	0	Right Tilt	26365	1882.5	50	24	20.6	20.0	0.199	0.228	0.121	0.139	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	26140	1860	1	49	21.0	20.4	0.813	0.933	0.435	0.499	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	26140	1860	50	24	21.0	20.6	0.825	0.905	0.442	0.485	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	26365	1882.5	1	49	21.0	20.4	0.748	0.859	0.397	0.456	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	26365	1882.5	50	24	21.0	20.5	0.765	0.858	0.405	0.454	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	26365	1882.5	100	0	21.0	20.5	0.754	0.846	0.401	0.450	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	26590	1905	1	49	21.0	20.5	0.684	0.767	0.359	0.403	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	26590	1905	50	24	21.0	20.5	0.703	0.789	0.370	0.415	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Front	26365	1882.5	1	49	21.0	20.4	0.282	0.324	0.164	0.188	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Front	26365	1882.5	50	24	21.0	20.5	0.284	0.319	0.165	0.185	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Top	26365	1882.5	1	49	21.0	20.4	0.269	0.309	0.117	0.134	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Top	26365	1882.5	50	24	21.0	20.5	0.283	0.318	0.125	0.140	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	26365	1882.5	1	49	21.0	20.4	0.602	0.691	0.290	0.333	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	26365	1882.5	50	24	21.0	20.5	0.624	0.700	0.303	0.340	

10.12. LTE Band 26 (10MHz Bandwidth)

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	QPSK	Mode A	0	Left Cheek	26865	831.5	1	25	25.7	25.4	0.152	0.163	0.118	0.126	
ANT 1	Head	QPSK	Mode A	0	Left Cheek	26865	831.5	25	12	24.7	24.4	0.117	0.125	0.091	0.098	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	26865	831.5	1	25	25.7	25.4	0.069	0.074	0.055	0.059	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	26865	831.5	25	12	24.7	24.4	0.056	0.060	0.044	0.047	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	26865	831.5	1	25	25.7	25.4	0.166	0.178	0.132	0.141	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	26865	831.5	25	12	24.7	24.4	0.127	0.136	0.101	0.108	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	26865	831.5	1	25	25.7	25.4	0.067	0.072	0.052	0.056	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	26865	831.5	25	12	24.7	24.4	0.054	0.058	0.041	0.044	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	26865	831.5	1	25	25.7	25.4	0.567	0.608	0.324	0.347	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	26865	831.5	25	12	24.7	24.4	0.439	0.470	0.252	0.270	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	26865	831.5	1	25	25.7	25.4	0.252	0.270	0.154	0.165	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	26865	831.5	25	12	24.7	24.4	0.199	0.213	0.122	0.131	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	26865	831.5	1	25	25.7	25.4	0.431	**0.462**	0.280	0.300	34
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	26865	831.5	25	12	24.7	24.4	0.339	0.363	0.220	0.236	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	26865	831.5	1	25	25.7	25.4	0.272	0.291	0.124	0.133	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	26865	831.5	25	12	24.7	24.4	0.215	0.230	0.097	0.104	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	26865	831.5	1	25	25.7	25.4	0.217	0.233	0.141	0.151	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	26865	831.5	25	12	24.7	24.4	0.171	0.183	0.111	0.119	
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	24.1	0.657	0.720	0.470	0.515	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	26865	831.5	25	12	23.7	23.2	0.546	0.613	0.382	0.429	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	26865	831.5	1	25	24.5	24.1	0.511	0.560	0.293	0.321	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	26865	831.5	25	12	23.7	23.2	0.510	0.572	0.293	0.329	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	26865	831.5	1	25	24.5	24.1	0.660	**0.724**	0.443	0.486	35
ANT 2	Head	QPSK	Mode A	0	Right Cheek	26865	831.5	25	12	23.7	23.2	0.550	0.617	0.380	0.426	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	26865	831.5	1	25	24.5	24.1	0.503	0.552	0.281	0.308	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	26865	831.5	25	12	23.7	23.2	0.463	0.519	0.250	0.281	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	26740	819	1	25	24.7	24.2	0.580	0.651	0.342	0.384	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	26865	831.5	1	25	24.7	24.3	0.778	**0.853**	0.461	0.505	36
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	26865	831.5	25	12	23.7	23.2	0.616	0.691	0.364	0.408	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	26990	844	1	25	24.7	24.1	0.623	0.715	0.359	0.412	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	26865	831.5	1	25	24.7	24.3	0.408	0.447	0.265	0.291	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	26865	831.5	25	12	23.7	23.2	0.326	0.366	0.196	0.220	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	26865	831.5	1	25	24.7	24.3	0.237	0.260	0.118	0.129	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	26865	831.5	25	12	23.7	23.2	0.196	0.220	0.097	0.109	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	26865	831.5	1	25	24.7	24.3	0.162	0.178	0.105	0.115	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	26865	831.5	25	12	23.7	23.2	0.128	0.144	0.084	0.094	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	26865	831.5	1	25	24.7	24.3	0.275	0.302	0.179	0.196	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	26865	831.5	25	12	23.7	23.2	0.216	0.242	0.140	0.157	
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	0.112	0.120	0.086	0.092	
ANT 3	Head	QPSK	Mode A	0	Left Cheek	26865	831.5	25	12	24.4	24.2	0.090	0.094	0.069	0.072	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	26865	831.5	1	25	25.4	25.1	0.069	0.074	0.053	0.057	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	26865	831.5	25	12	24.4	24.2	0.056	0.059	0.043	0.045	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	26865	831.5	1	25	25.4	25.1	0.084	0.090	0.067	0.072	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	26865	831.5	25	12	24.4	24.2	0.066	0.069	0.052	0.054	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	26865	831.5	1	25	25.4	25.1	0.047	0.050	0.037	0.040	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	26865	831.5	25	12	24.4	24.2	0.037	0.039	0.029	0.030	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	26865	831.5	1	25	25.3	25.1	0.492	0.515	0.266	0.279	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	26865	831.5	25	12	24.4	24.2	0.406	0.425	0.219	0.229	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	26865	831.5	1	25	25.3	25.1	0.264	0.276	0.147	0.154	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	26865	831.5	25	12	24.4	24.2	0.218	0.228	0.122	0.128	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	26865	831.5	1	25	25.3	25.1	0.329	0.345	0.131	0.137	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	26865	831.5	25	12	24.4	24.2	0.274	0.287	0.109	0.114	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	26865	831.5	1	25	25.3	25.1	0.331	0.347	0.147	0.154	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	26865	831.5	25	12	24.4	24.2	0.274	0.287	0.121	0.127	

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	25.4	0.078	0.084	0.031	0.033	
ANT 1	Head	QPSK	Mode A	0	Left Cheek	27710	2310	25	12	24.7	24.4	0.058	0.062	0.023	0.025	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	27710	2310	1	25	25.7	25.4	0.019	0.020	0.008	0.009	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	27710	2310	25	12	24.7	24.4	0.015	0.016	0.006	0.006	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	27710	2310	1	25	25.7	25.4	0.055	0.059	0.030	0.032	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	27710	2310	25	12	24.7	24.4	0.042	0.045	0.023	0.025	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	27710	2310	1	25	25.7	25.4	0.037	0.040	0.019	0.020	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	27710	2310	25	12	24.7	24.4	0.023	0.025	0.011	0.012	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	27710	2310	1	25	24.3	23.7	0.795	0.913	0.377	0.433	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	27710	2310	25	12	24.3	23.7	0.786	0.902	0.373	0.428	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	27710	2310	50	0	24.3	23.7	0.768	0.882	0.364	0.418	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	27710	2310	1	25	24.3	23.7	0.456	0.524	0.221	0.254	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	27710	2310	25	12	24.3	23.7	0.452	0.519	0.218	0.250	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	27710	2310	1	25	24.3	23.7	0.782	0.898	0.335	0.385	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	27710	2310	25	12	24.3	23.7	0.769	0.883	0.327	0.375	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	27710	2310	50	0	24.3	23.7	0.818	0.939	0.340	0.390	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	27710	2310	1	25	24.3	23.7	0.587	0.674	0.243	0.279	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	27710	2310	25	12	24.3	23.7	0.595	0.683	0.246	0.282	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	27710	2310	1	25	24.3	23.7	0.091	0.104	0.042	0.048	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	27710	2310	25	12	24.3	23.7	0.087	0.100	0.040	0.046	
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	22.4	21.2	0.163	0.215	0.089	0.117	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	27710	2310	25	12	22.4	21.2	0.161	0.212	0.088	0.116	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	27710	2310	1	25	22.4	21.2	0.169	0.223	0.078	0.103	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	27710	2310	25	12	22.4	21.2	0.171	0.225	0.081	0.107	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	27710	2310	1	25	22.4	21.2	0.689	0.908	0.333	0.439	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	27710	2310	25	12	22.4	21.2	0.699	0.921	0.340	0.448	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	27710	2310	50	0	22.4	21.2	0.696	0.918	0.340	0.448	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	27710	2310	1	25	22.4	21.2	0.541	0.713	0.232	0.306	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	27710	2310	25	12	22.4	21.2	0.542	0.714	0.232	0.306	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	27710	2310	1	25	22.2	21.6	0.661	0.759	0.308	0.354	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	27710	2310	25	12	22.2	21.6	0.662	0.760	0.309	0.355	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	27710	2310	1	25	22.2	21.6	0.393	0.451	0.207	0.238	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	27710	2310	25	12	22.2	21.6	0.394	0.452	0.208	0.239	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	27710	2310	1	25	22.2	21.6	0.285	0.327	0.100	0.115	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	27710	2310	25	12	22.2	21.6	0.279	0.320	0.098	0.113	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	27710	2310	1	25	22.2	21.6	0.033	0.038	0.012	0.014	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	27710	2310	25	12	22.2	21.6	0.029	0.033	0.010	0.011	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	27710	2310	1	25	22.2	21.6	0.745	0.855	0.361	0.414	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	27710	2310	25	12	22.2	21.6	0.744	0.854	0.361	0.414	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	27710	2310	50	0	22.2	21.6	0.793	0.910	0.379	0.435	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**RB Allocation**	**RB Offset**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 3	Head	QPSK	Mode A	0	Left Cheek	27710	2310	1	25	21.6	21.6	0.243	0.243	0.133	0.133	
ANT 3	Head	QPSK	Mode A	0	Left Cheek	27710	2310	25	12	21.6	21.6	0.240	0.240	0.132	0.132	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	27710	2310	1	25	21.6	21.6	0.092	0.092	0.050	0.050	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	27710	2310	25	12	21.6	21.6	0.089	0.089	0.049	0.049	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	27710	2310	1	25	21.6	21.6	0.084	0.084	0.046	0.046	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	27710	2310	25	12	21.6	21.6	0.081	0.081	0.044	0.044	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	27710	2310	1	25	21.6	21.6	0.109	0.109	0.057	0.057	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	27710	2310	25	12	21.6	21.6	0.105	0.105	0.055	0.055	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	27710	2310	1	25	19.6	19.4	0.888	0.930	0.384	0.402	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	27710	2310	25	12	19.6	19.3	0.887	**0.950**	0.385	0.413	37
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	27710	2310	50	0	19.6	19.3	0.783	0.839	0.351	0.376	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	27710	2310	1	25	19.6	19.4	0.443	0.464	0.214	0.224	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	27710	2310	25	12	19.6	19.3	0.442	0.474	0.213	0.228	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	27710	2310	1	25	19.6	19.4	0.197	0.206	0.100	0.105	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	27710	2310	25	12	19.6	19.3	0.197	0.211	0.100	0.107	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	27710	2310	1	25	19.6	19.4	0.601	0.629	0.277	0.281	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	27710	2310	25	12	19.6	19.3	0.597	0.640	0.275	0.295	
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	21.4	20.7	0.701	0.824	0.311	0.365	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	27710	2310	25	12	21.4	20.7	0.723	0.849	0.319	0.375	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	27710	2310	50	0	21.4	20.7	0.798	**0.938**	0.353	0.415	38
ANT 4	Head	QPSK	Mode A	0	Left Tilt	27710	2310	1	25	21.4	20.7	0.147	0.173	0.072	0.085	
ANT 4	Head	QPSK	Mode A	0	Left Tilt	27710	2310	25	12	21.4	20.7	0.146	0.172	0.071	0.083	
ANT 4	Head	QPSK	Mode A	0	Right Cheek	27710	2310	1	25	21.4	20.7	0.248	0.291	0.130	0.153	
ANT 4	Head	QPSK	Mode A	0	Right Cheek	27710	2310	25	12	21.4	20.7	0.252	0.296	0.132	0.155	
ANT 4	Head	QPSK	Mode A	0	Right Tilt	27710	2310	1	25	21.4	20.7	0.053	0.062	0.029	0.034	
ANT 4	Head	QPSK	Mode A	0	Right Tilt	27710	2310	25	12	21.4	20.7	0.075	0.088	0.040	0.047	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	27710	2310	1	25	19.9	18.5	0.368	0.508	0.163	0.225	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	27710	2310	25	12	19.9	18.5	0.368	0.508	0.163	0.225	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Front	27710	2310	1	25	19.9	18.5	0.223	0.308	0.101	0.139	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Front	27710	2310	25	12	19.9	18.5	0.221	0.305	0.099	0.137	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Top	27710	2310	1	25	19.9	18.5	0.034	0.047	0.013	0.018	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Top	27710	2310	25	12	19.9	18.5	0.034	0.047	0.013	0.018	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	27710	2310	1	25	19.9	18.5	0.680	0.939	0.286	0.395	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	27710	2310	25	12	19.9	18.5	0.685	**0.946**	0.288	0.398	39
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	27710	2310	50	0	19.9	18.4	0.664	0.938	0.276	0.390	

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	24.6	0.056	0.072	0.033	0.043	
ANT 1	Head	QPSK	Mode A	0	Left Cheek	40620	2593	50	24	24.7	23.6	0.042	0.054	0.024	0.031	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	40620	2593	1	49	25.7	24.6	0.039	0.050	0.021	0.027	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	40620	2593	50	24	24.7	23.6	0.030	0.039	0.016	0.021	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	40620	2593	1	49	25.7	24.6	0.181	0.233	0.094	0.121	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	40620	2593	50	24	24.7	23.6	0.145	0.187	0.075	0.097	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	40620	2593	1	49	25.7	24.6	0.034	0.044	0.018	0.023	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	40620	2593	50	24	24.7	23.6	0.025	0.032	0.013	0.017	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	39750	2506	1	49	22.8	22.2	0.552	0.634	0.270	0.310	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	39750	2506	50	24	22.8	22.3	0.565	0.634	0.276	0.310	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	40185	2549.5	1	49	22.8	22.2	0.585	0.672	0.302	0.347	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	40185	2549.5	50	24	22.8	22.4	0.587	0.644	0.304	0.333	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	40620	2593	1	49	22.8	22.4	0.821	0.900	0.394	0.432	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	40620	2593	50	24	22.8	22.5	0.704	0.754	0.350	0.375	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	40620	2593	100	0	22.8	22.5	0.710	0.761	0.353	0.378	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	41055	2636.5	1	49	22.8	22.5	0.800	0.857	0.379	0.406	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	41055	2636.5	50	24	22.8	22.5	0.822	0.881	0.390	0.418	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	41490	2680	1	49	22.8	22.4	0.770	0.844	0.355	0.389	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	41490	2680	50	24	22.8	22.5	0.796	0.853	0.366	0.392	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	40620	2593	1	49	22.8	22.4	0.455	0.499	0.233	0.255	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	40620	2593	50	24	22.8	22.5	0.461	0.494	0.241	0.258	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	39750	2506	1	49	22.8	22.2	0.776	0.891	0.321	0.369	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	39750	2506	50	24	22.8	22.3	0.808	**0.907**	0.334	0.375	40
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	40185	2549.5	1	49	22.8	22.2	0.724	0.831	0.309	0.355	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	40185	2549.5	50	24	22.8	22.4	0.746	0.818	0.318	0.349	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	40620	2593	1	49	22.8	22.4	0.748	0.820	0.320	0.351	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	40620	2593	50	24	22.8	22.5	0.750	0.804	0.319	0.342	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	40620	2593	100	0	22.8	22.5	0.819	0.878	0.347	0.372	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	41055	2636.5	1	49	22.8	22.5	0.731	0.783	0.312	0.334	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	41055	2636.5	50	24	22.8	22.5	0.749	0.803	0.318	0.341	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	41490	2680	1	49	22.8	22.4	0.602	0.660	0.257	0.282	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	41490	2680	50	24	22.8	22.5	0.606	0.649	0.260	0.279	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	40620	2593	1	49	22.8	22.4	0.499	0.547	0.191	0.209	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	40620	2593	50	24	22.8	22.5	0.504	0.540	0.193	0.207	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	40620	2593	1	49	22.8	22.4	0.125	0.137	0.057	0.062	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	40620	2593	50	24	22.8	22.5	0.125	0.134	0.057	0.061	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**RB Allocation**	**RB Offset**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 2	Head	QPSK	Mode A	0	Left Cheek	40620	2593	1	49	20.6	19.7	0.244	0.300	0.098	0.121	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	40620	2593	50	24	20.6	19.8	0.241	0.290	0.096	0.115	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	40620	2593	1	49	20.6	19.7	0.262	0.322	0.101	0.124	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	40620	2593	50	24	20.6	19.8	0.261	0.314	0.101	0.121	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	39750	2506	1	49	20.6	19.8	0.662	0.796	0.295	0.355	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	39750	2506	50	24	20.6	19.7	0.676	0.832	0.300	0.369	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	40185	2549.5	1	49	20.6	19.7	0.621	0.764	0.275	0.338	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	40185	2549.5	50	24	20.6	19.7	0.632	0.778	0.280	0.344	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	40620	2593	1	49	20.6	19.7	0.652	0.802	0.288	0.354	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	40620	2593	50	24	20.6	19.8	0.652	0.784	0.288	0.346	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	40620	2593	100	0	20.6	19.7	0.701	0.862	0.303	0.373	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	41055	2636.5	1	49	20.6	19.7	0.726	**0.893**	0.305	0.375	41
ANT 2	Head	QPSK	Mode A	0	Right Cheek	41055	2636.5	50	24	20.6	19.9	0.735	0.864	0.308	0.362	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	41490	2680	1	49	20.6	19.7	0.694	0.854	0.290	0.357	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	41490	2680	50	24	20.6	19.9	0.710	0.834	0.297	0.349	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	40620	2593	1	49	20.6	19.7	0.474	0.583	0.193	0.237	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	40620	2593	50	24	20.6	19.8	0.475	0.571	0.194	0.233	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	39750	2506	1	49	21.2	20.6	0.699	0.803	0.277	0.318	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	39750	2506	50	24	21.2	20.7	0.679	0.762	0.271	0.304	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	40185	2549.5	1	49	21.2	20.5	0.701	0.824	0.275	0.323	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	40185	2549.5	50	24	21.2	20.5	0.720	0.846	0.283	0.332	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	40620	2593	1	49	21.2	20.4	0.782	**0.940**	0.323	0.388	42
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	40620	2593	50	24	21.2	20.6	0.792	0.909	0.327	0.375	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	40620	2593	100	0	21.2	20.6	0.814	0.935	0.337	0.387	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	41055	2636.5	1	49	21.2	20.6	0.779	0.894	0.313	0.359	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	41055	2636.5	50	24	21.2	20.7	0.791	0.888	0.319	0.358	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	41490	2680	1	49	21.2	20.5	0.771	0.906	0.298	0.350	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	41490	2680	50	24	21.2	20.6	0.787	0.904	0.304	0.349	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	40620	2593	1	49	21.2	20.4	0.310	0.373	0.144	0.173	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	40620	2593	50	24	21.2	20.6	0.316	0.363	0.148	0.170	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	40620	2593	1	49	21.2	20.4	0.206	0.248	0.075	0.090	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	40620	2593	50	24	21.2	20.6	0.211	0.242	0.077	0.088	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	40620	2593	1	49	21.2	20.4	0.020	0.024	0.010	0.012	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	40620	2593	50	24	21.2	20.6	0.020	0.023	0.009	0.010	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	40620	2593	1	49	21.2	20.4	0.650	0.781	0.281	0.338	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	40620	2593	50	24	21.2	20.6	0.655	0.752	0.284	0.326	
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	24.8	24.2	0.262	0.301	0.130	0.149	
ANT 3	Head	QPSK	Mode A	0	Left Cheek	40620	2593	50	24	24.7	24.3	0.256	0.281	0.128	0.140	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	40620	2593	1	49	24.8	24.2	0.063	0.072	0.032	0.037	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	40620	2593	50	24	24.7	24.3	0.061	0.067	0.031	0.034	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	40620	2593	1	49	24.8	24.2	0.118	0.135	0.062	0.071	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	40620	2593	50	24	24.7	24.3	0.117	0.128	0.062	0.068	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	40620	2593	1	49	24.8	24.2	0.136	0.156	0.065	0.075	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	40620	2593	50	24	24.7	24.3	0.132	0.145	0.063	0.069	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	40620	2593	1	49	20.5	20.5	0.718	0.718	0.331	0.331	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	40620	2593	50	24	20.5	20.4	0.731	0.748	0.337	0.345	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	40620	2593	1	49	20.5	20.5	0.402	0.402	0.191	0.191	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	40620	2593	50	24	20.5	20.4	0.411	0.421	0.196	0.201	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	40620	2593	1	49	20.5	20.5	0.089	0.089	0.043	0.043	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	40620	2593	50	24	20.5	20.4	0.097	0.099	0.048	0.049	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	40620	2593	1	49	20.5	20.5	0.676	0.676	0.292	0.292	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	40620	2593	50	24	20.5	20.4	0.692	0.708	0.298	0.305	

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	40620	2593	1	49	21.7	20.4	0.528	0.712	0.219	0.295	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	40620	2593	50	24	21.7	20.6	0.533	0.687	0.222	0.286	
ANT 4	Head	QPSK	Mode A	0	Left Tilt	40620	2593	1	49	21.7	20.4	0.149	0.201	0.075	0.101	
ANT 4	Head	QPSK	Mode A	0	Left Tilt	40620	2593	50	24	21.7	20.6	0.153	0.197	0.078	0.100	
ANT 4	Head	QPSK	Mode A	0	Right Cheek	40620	2593	1	49	21.7	20.4	0.151	0.204	0.079	0.107	
ANT 4	Head	QPSK	Mode A	0	Right Cheek	40620	2593	50	24	21.7	20.6	0.156	0.201	0.082	0.106	
ANT 4	Head	QPSK	Mode A	0	Right Tilt	40620	2593	1	49	21.7	20.4	0.058	0.078	0.031	0.042	
ANT 4	Head	QPSK	Mode A	0	Right Tilt	40620	2593	50	24	21.7	20.6	0.061	0.079	0.032	0.041	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	39750	2506	1	49	20.8	19.5	0.636	0.858	0.000	0.000	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	40620	2593	1	49	20.8	19.5	0.538	0.726	0.218	0.294	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	40620	2593	50	24	20.8	19.5	0.560	0.755	0.226	0.305	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Front	40620	2593	1	49	20.8	19.5	0.197	0.266	0.088	0.119	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Front	40620	2593	50	24	20.8	19.5	0.202	0.272	0.090	0.121	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Front	40620	2593	100	0	20.8	19.5	0.202	0.272	0.091	0.123	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Top	40620	2593	1	49	20.8	19.5	0.029	0.039	0.015	0.020	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Top	40620	2593	50	24	20.8	19.5	0.030	0.040	0.015	0.020	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	40620	2593	1	49	20.8	19.5	0.428	0.577	0.181	0.244	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	40620	2593	50	24	20.8	19.5	0.439	0.592	0.186	0.251	

UL CA 41C

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	25.0	0.138	0.162	0.072	0.085	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	40521	2583.1	1	99	40719	2602.9	1	0	22.8	22.5	0.203	0.218	0.104	0.111	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	39750	2506	1	99	39948	2525.8	1	0	22.8	22.5	0.267	0.286	0.177	0.190	
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	41292	2660.2	1	99	41490	2680	1	0	20.6	19.8	0.291	0.350	0.125	0.150	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	40521	2583.1	1	99	40719	2602.9	1	0	21.2	20.5	0.281	0.330	0.107	0.126	
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	24.8	24.3	0.087	0.098	0.044	0.049	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	40521	2583.1	1	99	40719	2602.9	1	0	20.5	20.3	0.374	0.392	0.169	0.177	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	PCC UL				SCC UL				Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
						Channel	Freq. (MHz)	RB Allocation	RB Offset	Channel	Freq. (MHz)	RB Allocation	RB Offset							
ANT 4	Head	QPSK	Mode A	0	Left Cheek	40521	2583.1	1	49	40719	2602.9	1	0	21.7	20.5	0.273	0.360	0.111	0.146	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	40521	2583.1	1	49	40719	2602.9	1	0	20.8	19.4	0.271	0.374	0.116	0.160	

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	0.233	0.277	18.8%	Yes
ANT 1	Body & Hotspot	43.3%	24.4	119.3	63.3%	22.8	120.6	0.900	0.890	-1.1%	No
ANT 1	Hotspot	43.3%	24.4	119.3	63.3%	22.8	120.6	0.907	0.896	-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 2	Head	43.3%	22.2	71.9	63.3%	20.6	72.7	0.893	0.883	-1.1%	No
ANT 2	Body & Hotspot	43.3%	22.8	82.5	63.3%	21.2	83.5	0.940	0.930	-1.1%	No
ANT 2	Hotspot	43.3%	22.8	82.5	63.3%	21.2	83.5	0.781	0.773	-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%	26.4	189.0	63.3%	24.8	191.2	0.301	0.297	-1.3%	No
ANT 3	Body & Hotspot	43.3%	22.1	70.2	63.3%	20.5	71.0	0.748	0.740	-1.1%	No
ANT 3	Hotspot	43.3%	22.1	70.2	63.3%	20.5	71.0	0.708	0.700	-1.1%	No
Antenna	RF Exposure Condition	LTE B41 PC2			LTE B41 PC3				PC2 Linearly scaled Reported SAR (W/kg)	Linearly scaled (<10%)	Testing Required
		Duty Cycle (%)	Max Output Power	Frame Avg Pwr (mW)	Duty Cycle (%)	Max Output Power	Frame Avg Pwr (mW)	Reported SAR (W/kg)			
ANT 4	Head	43.3%	23.3	92.6	63.3%	21.7	93.6	0.712	0.704	-1.2%	No
ANT 4	Body & Hotspot	43.3%	22.4	75.3	63.3%	20.8	76.1	0.858	0.848	-1.2%	No
ANT 4	Hotspot	43.3%	22.4	75.3	63.3%	20.8	76.1	0.592	0.586	-1.0%	No

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

UL CA 41C PC2

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	Right Cheek	40620	2593	1	49	28.1	26.4	0.210	0.311	0.107	0.158	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	40620	2593	50	24	27.7	26.4	0.209	0.282	0.106	0.143	

Note(s):
PCC RB allocation setting for UL CA has been adjusted based on the worst-case power.

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	24.2	0.080	0.096	0.033	0.040	
ANT 7	Head	QPSK	Mode A	0	Left Cheek	56207	3646.7	50	24	25.0	24.3	0.079	0.093	0.033	0.039	
ANT 7	Head	QPSK	Mode A	0	Left Tilt	56207	3646.7	1	49	25.0	24.2	0.055	0.066	0.020	0.024	
ANT 7	Head	QPSK	Mode A	0	Left Tilt	56207	3646.7	50	24	25.0	24.3	0.054	0.063	0.019	0.022	
ANT 7	Head	QPSK	Mode A	0	Right Cheek	56207	3646.7	1	49	25.0	24.2	0.127	0.153	0.047	0.057	
ANT 7	Head	QPSK	Mode A	0	Right Cheek	56207	3646.7	50	24	25.0	24.3	0.131	0.154	0.049	0.058	
ANT 7	Head	QPSK	Mode A	0	Right Tilt	56207	3646.7	1	49	25.0	24.2	0.028	0.034	0.011	0.013	
ANT 7	Head	QPSK	Mode A	0	Right Tilt	56207	3646.7	50	24	25.0	24.3	0.027	0.032	0.011	0.013	
ANT 7	Body & Hotspot	QPSK	Mode B	5	Back	56207	3646.7	1	49	22.8	22.3	0.454	0.509	0.193	0.217	
ANT 7	Body & Hotspot	QPSK	Mode B	5	Back	56207	3646.7	50	24	22.8	22.4	0.459	0.503	0.196	0.215	
ANT 7	Body & Hotspot	QPSK	Mode B	5	Front	56207	3646.7	1	49	22.8	22.3	0.192	0.215	0.070	0.079	
ANT 7	Body & Hotspot	QPSK	Mode B	5	Front	56207	3646.7	50	24	22.8	22.4	0.202	0.221	0.740	0.811	
ANT 7	Hotspot	QPSK	Mode B	5	Edge Right	55340	3560	1	49	22.8	22.3	0.827	**0.928**	0.312	0.350	43
ANT 7	Hotspot	QPSK	Mode B	5	Edge Right	55340	3560	50	24	22.8	22.4	0.825	0.905	0.311	0.341	
ANT 7	Hotspot	QPSK	Mode B	5	Edge Right	55773	3603.3	1	49	22.8	22.3	0.712	0.799	0.272	0.305	
ANT 7	Hotspot	QPSK	Mode B	5	Edge Right	55773	3603.3	50	24	22.8	22.4	0.719	0.788	0.273	0.299	
ANT 7	Hotspot	QPSK	Mode B	5	Edge Right	56207	3646.7	1	49	22.8	22.3	0.728	0.817	0.275	0.309	
ANT 7	Hotspot	QPSK	Mode B	5	Edge Right	56207	3646.7	50	24	22.8	22.4	0.744	0.816	0.282	0.309	
ANT 7	Hotspot	QPSK	Mode B	5	Edge Right	56207	3646.7	100	0	22.8	22.3	0.769	0.863	0.288	0.323	
ANT 7	Hotspot	QPSK	Mode B	5	Edge Right	56640	3690	1	49	22.8	22.3	0.756	0.848	0.281	0.315	
ANT 7	Hotspot	QPSK	Mode B	5	Edge Right	56640	3690	50	24	22.8	22.4	0.778	0.853	0.290	0.318	
ANT 7	Hotspot	QPSK	Mode B	5	Edge Bottom	56207	3646.7	1	49	22.8	22.3	0.140	0.157	0.460	0.516	
ANT 7	Hotspot	QPSK	Mode B	5	Edge Bottom	56207	3646.7	50	24	22.8	22.4	0.144	0.158	0.490	0.537	
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	20.0	19.1	0.121	0.149	0.049	0.060	
ANT 8	Head	QPSK	Mode A	0	Left Cheek	56207	3646.7	50	24	20.0	19.1	0.121	0.149	0.049	0.060	
ANT 8	Head	QPSK	Mode A	0	Left Tilt	56207	3646.7	1	49	20.0	19.1	0.100	0.123	0.033	0.041	
ANT 8	Head	QPSK	Mode A	0	Left Tilt	56207	3646.7	50	24	20.0	19.1	0.102	0.125	0.033	0.041	
ANT 8	Head	QPSK	Mode A	0	Right Cheek	55340	3560	1	49	20.0	19.0	0.729	0.918	0.248	0.312	
ANT 8	Head	QPSK	Mode A	0	Right Cheek	55340	3560	50	24	20.0	19.0	0.755	**0.950**	0.257	0.324	44
ANT 8	Head	QPSK	Mode A	0	Right Cheek	55773	3603.3	1	49	20.0	19.0	0.678	0.854	0.230	0.290	
ANT 8	Head	QPSK	Mode A	0	Right Cheek	55773	3603.3	50	24	20.0	19.1	0.658	0.810	0.222	0.273	
ANT 8	Head	QPSK	Mode A	0	Right Cheek	56207	3646.7	1	49	20.0	19.1	0.636	0.782	0.211	0.260	
ANT 8	Head	QPSK	Mode A	0	Right Cheek	56207	3646.7	50	24	20.0	19.1	0.697	0.857	0.231	0.284	
ANT 8	Head	QPSK	Mode A	0	Right Cheek	56207	3646.7	100	0	20.0	19.1	0.529	0.651	0.183	0.225	
ANT 8	Head	QPSK	Mode A	0	Right Cheek	56640	3690	1	49	20.0	19.2	0.505	0.607	0.175	0.210	
ANT 8	Head	QPSK	Mode A	0	Right Cheek	56640	3690	50	24	20.0	19.3	0.514	0.604	0.178	0.209	
ANT 8	Head	QPSK	Mode A	0	Right Tilt	56207	3646.7	1	49	20.0	19.1	0.213	0.262	0.075	0.092	
ANT 8	Head	QPSK	Mode A	0	Right Tilt	56207	3646.7	50	24	20.0	19.1	0.215	0.265	0.076	0.094	
ANT 8	Body & Hotspot	QPSK	Mode B	5	Back	56207	3646.7	1	49	20.9	19.5	0.358	0.494	0.152	0.210	
ANT 8	Body & Hotspot	QPSK	Mode B	5	Back	56207	3646.7	50	24	20.9	19.6	0.359	0.484	0.154	0.208	
ANT 8	Body & Hotspot	QPSK	Mode B	5	Front	56207	3646.7	1	49	20.9	19.5	0.246	0.340	0.087	0.120	
ANT 8	Body & Hotspot	QPSK	Mode B	5	Front	56207	3646.7	50	24	20.9	19.6	0.246	0.332	0.088	0.119	
ANT 8	Hotspot	QPSK	Mode B	5	Edge Top	56207	3646.7	1	49	20.9	19.5	0.120	0.166	0.039	0.054	
ANT 8	Hotspot	QPSK	Mode B	5	Edge Top	56207	3646.7	50	24	20.9	19.6	0.122	0.165	0.041	0.055	
ANT 8	Hotspot	QPSK	Mode B	5	Edge Left	55340	3560	1	49	20.9	19.4	0.522	0.737	0.194	0.274	
ANT 8	Hotspot	QPSK	Mode B	5	Edge Left	55340	3560	50	24	20.9	19.5	0.586	0.809	0.215	0.297	
ANT 8	Hotspot	QPSK	Mode B	5	Edge Left	55773	3603.3	1	49	20.9	19.5	0.486	0.671	0.182	0.251	
ANT 8	Hotspot	QPSK	Mode B	5	Edge Left	55773	3603.3	50	24	20.9	19.6	0.545	0.735	0.203	0.274	
ANT 8	Hotspot	QPSK	Mode B	5	Edge Left	56207	3646.7	1	49	20.9	19.5	0.597	0.824	0.216	0.298	
ANT 8	Hotspot	QPSK	Mode B	5	Edge Left	56207	3646.7	50	24	20.9	19.6	0.608	0.820	0.220	0.297	
ANT 8	Hotspot	QPSK	Mode B	5	Edge Left	56207	3646.7	100	0	20.9	19.6	0.598	0.807	0.220	0.297	
ANT 8	Hotspot	QPSK	Mode B	5	Edge Left	56640	3690	1	49	20.9	19.7	0.432	0.569	0.162	0.214	
ANT 8	Hotspot	QPSK	Mode B	5	Edge Left	56640	3690	50	24	20.9	19.8	0.474	0.611	0.175	0.225	
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	23.3	0.029	0.030	0.011	0.012	
ANT 9	Head	QPSK	Mode A	0	Left Cheek	56207	3646.7	50	24	23.5	23.3	0.030	0.031	0.013	0.014	
ANT 9	Head	QPSK	Mode A	0	Left Tilt	56207	3646.7	1	49	23.5	23.3	0.024	0.025	0.008	0.008	
ANT 9	Head	QPSK	Mode A	0	Left Tilt	56207	3646.7	50	24	23.5	23.3	0.021	0.022	0.007	0.007	
ANT 9	Head	QPSK	Mode A	0	Right Cheek	56207	3646.7	1	49	23.5	23.3	0.030	0.031	0.013	0.014	
ANT 9	Head	QPSK	Mode A	0	Right Cheek	56207	3646.7	50	24	23.5	23.3	0.028	0.029	0.012	0.013	
ANT 9	Head	QPSK	Mode A	0	Right Tilt	56207	3646.7	1	49	23.5	23.3	0.015	0.016	0.006	0.006	
ANT 9	Head	QPSK	Mode A	0	Right Tilt	56207	3646.7	50	24	23.5	23.3	0.013	0.014	0.005	0.005	
ANT 9	Body & Hotspot	QPSK	Mode B	5	Back	55340	3560	1	49	21.1	20.9	0.708	0.741	0.242	0.253	
ANT 9	Body & Hotspot	QPSK	Mode B	5	Back	55340	3560	50	24	21.1	21.0	0.725	0.742	0.246	0.252	
ANT 9	Body & Hotspot	QPSK	Mode B	5	Back	55773	3603.3	1	49	21.1	20.9	0.749	0.784	0.260	0.272	
ANT 9	Body & Hotspot	QPSK	Mode B	5	Back	55773	3603.3	50	24	21.1	21.0	0.767	0.785	0.267	0.273	
ANT 9	Body & Hotspot	QPSK	Mode B	5	Back	56207	3646.7	1	49	21.1	20.9	0.792	0.829	0.276	0.289	
ANT 9	Body & Hotspot	QPSK	Mode B	5	Back	56207	3646.7	50	24	21.1	21.0	0.806	0.825	0.280	0.287	
ANT 9	Body & Hotspot	QPSK	Mode B	5	Back	56207	3646.7	100	0	21.1	21.0	0.899	0.920	0.310	0.317	
ANT 9	Body & Hotspot	QPSK	Mode B	5	Back	56640	3690	1	49	21.1	20.9	0.694	0.727	0.243	0.254	
ANT 9	Body & Hotspot	QPSK	Mode B	5	Back	56640	3690	50	24	21.1	20.9	0.705	0.738	0.248	0.260	
ANT 9	Body & Hotspot	QPSK	Mode B	5	Front	56207	3646.7	1	49	21.1	20.9	0.529	0.554	0.185	0.194	
ANT 9	Body & Hotspot	QPSK	Mode B	5	Front	56207	3646.7	50	24	21.1	21.0	0.536	0.548	0.189	0.193	
ANT 9	Hotspot	QPSK	Mode B	5	Edge Bottom	56207	3646.7	1	49	21.1	20.9	0.747	0.782	0.266	0.279	
ANT 9	Hotspot	QPSK	Mode B	5	Edge Bottom	56207	3646.7	50	24	21.1	21.0	0.765	0.783	0.271	0.277	
ANT 9	Hotspot	QPSK	Mode B	5	Edge Left	56207	3646.7	1	49	21.1	20.9	0.447	0.468	0.168	0.176	
ANT 9	Hotspot	QPSK	Mode B	5	Edge Left	56207	3646.7	50	24	21.1	21.0	0.453	0.464	0.169	0.173	

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 4	Head	QPSK	Mode A	0	Left Cheek	55340	3560	1	49	23.2	22.1	0.626	0.806	0.247	0.318	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	55340	3560	50	24	23.2	21.7	0.511	0.722	0.201	0.284	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	55773	3603.3	1	49	23.2	22.0	0.599	0.790	0.243	0.320	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	55773	3603.3	50	24	23.2	21.6	0.502	0.726	0.202	0.292	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	56207	3646.7	1	49	23.2	22.1	0.563	0.725	0.226	0.291	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	56207	3646.7	50	24	23.2	21.6	0.537	0.776	0.221	0.319	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	56207	3646.7	100	0	23.2	21.6	0.404	0.584	0.152	0.220	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	56640	3690	1	49	23.2	22.3	0.614	0.755	0.212	0.261	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	56640	3690	50	24	23.2	21.8	0.484	0.668	0.168	0.232	
ANT 4	Head	QPSK	Mode A	0	Left Tilt	56207	3646.7	1	49	23.2	22.1	0.612	0.788	0.240	0.309	
ANT 4	Head	QPSK	Mode A	0	Left Tilt	56207	3646.7	50	24	23.2	21.6	0.483	0.698	0.190	0.275	
ANT 4	Head	QPSK	Mode A	0	Right Cheek	56207	3646.7	1	49	23.2	22.1	0.050	0.064	0.020	0.026	
ANT 4	Head	QPSK	Mode A	0	Right Cheek	56207	3646.7	50	24	23.2	21.6	0.050	0.072	0.021	0.030	
ANT 4	Head	QPSK	Mode A	0	Right Tilt	56207	3646.7	1	49	23.2	22.1	0.073	0.094	0.030	0.039	
ANT 4	Head	QPSK	Mode A	0	Right Tilt	56207	3646.7	50	24	23.2	21.6	0.071	0.103	0.029	0.042	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	55340	3560	1	49	21.7	21.1	0.605	0.695	0.216	0.248	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	55340	3560	50	24	21.7	21.2	0.615	0.690	0.219	0.246	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	55773	3603.3	1	49	21.7	21.1	0.684	0.785	0.240	0.276	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	55773	3603.3	50	24	21.7	21.1	0.590	0.677	0.222	0.255	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	56207	3646.7	1	49	21.7	21.1	0.718	0.824	0.263	0.302	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	56207	3646.7	50	24	21.7	21.2	0.732	0.821	0.270	0.303	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	56207	3646.7	100	0	21.7	21.1	0.745	0.855	0.262	0.301	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	56640	3690	1	49	21.7	21.4	0.861	0.923	0.303	0.325	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	56640	3690	50	24	21.7	21.4	0.870	**0.932**	0.306	0.328	45
ANT 4	Body & Hotspot	QPSK	Mode B	5	Front	56207	3646.7	1	49	21.7	21.1	0.110	0.126	0.045	0.052	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Front	56207	3646.7	50	24	21.7	21.2	0.110	0.123	0.044	0.049	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Top	56207	3646.7	1	49	21.7	21.1	0.140	0.161	0.055	0.063	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Top	56207	3646.7	50	24	21.7	21.2	0.144	0.162	0.057	0.064	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	56207	3646.7	1	49	21.7	21.1	0.512	0.588	0.196	0.225	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	56207	3646.7	50	24	21.7	21.2	0.518	0.581	0.199	0.223	

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Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	PCC UL				SCC UL				Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
						Channel	Freq. (MHz)	RB Allocation	RB Offset	Channel	Freq. (MHz)	RB Allocation	RB Offset							
ANT 7	Head	QPSK	Mode A	0	Right Cheek	55891	3615.1	1	99	56089	3634.9	1	0	25.0	24.8	0.105	0.110	0.041	0.043	
ANT 7	Body & Hotspot	QPSK	Mode B	5	Back	55891	3615.1	1	99	56089	3634.9	1	0	22.8	22.1	0.279	0.328	0.113	0.133	
ANT 7	Hotspot	QPSK	Mode B	5	Edge Right	55340	3560	1	99	55538	3579.8	1	0	22.8	22.3	0.242	0.272	0.092	0.103	
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	55340	3560	1	99	55538	3579.8	1	0	20.0	19.0	0.229	0.288	0.083	0.104	
ANT 8	Body & Hotspot	QPSK	Mode B	5	Back	55891	3615.1	1	99	56089	3634.9	1	0	20.9	19.5	0.171	0.236	0.068	0.094	
ANT 8	Hotspot	QPSK	Mode B	5	Edge Left	55891	3615.1	1	99	56089	3634.9	1	0	20.9	19.5	0.284	0.392	0.102	0.141	
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	56089	3634.9	1	0	23.5	23.1	0.013	0.014	0.005	0.005	
ANT 9	Body & Hotspot	QPSK	Mode B	5	Back	55891	3615.1	1	99	56089	3634.9	1	0	21.1	20.7	0.658	0.721	0.230	0.252	
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	55340	3560	1	99	55538	3579.8	1	0	23.2	22.1	0.136	0.175	0.054	0.070	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	56442	3670.2	1	99	56640	3690	1	0	21.7	21.2	0.490	0.550	0.173	0.194	

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	20.5	0.011	0.012	0.010	0.010	
ANT 1	Head	QPSK	Mode A	0	Left Cheek	60197	2489.2	25	12	20.7	20.5	0.011	0.012	0.011	0.012	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	60197	2489.2	1	25	20.7	20.5	0.008	0.008	0.003	0.003	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	60197	2489.2	25	12	20.7	20.5	0.008	0.008	0.003	0.003	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	60197	2489.2	1	25	20.7	20.5	0.034	0.036	0.016	0.017	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	60197	2489.2	25	12	20.7	20.5	0.033	0.035	0.015	0.016	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	60197	2489.2	1	25	20.7	20.5	0.009	0.009	0.004	0.004	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	60197	2489.2	25	12	20.7	20.5	0.009	0.009	0.003	0.003	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	60197	2489.2	1	25	20.7	20.5	0.247	0.259	0.123	0.129	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	60197	2489.2	25	12	20.7	20.5	0.242	0.253	0.120	0.126	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	60197	2489.2	1	25	20.7	20.5	0.105	0.110	0.052	0.054	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	60197	2489.2	25	12	20.7	20.5	0.105	0.110	0.052	0.054	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	60197	2489.2	1	25	20.7	20.5	0.291	0.305	0.123	0.129	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	60197	2489.2	25	12	20.7	20.5	0.294	0.308	0.124	0.130	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	60197	2489.2	1	25	20.7	20.5	0.137	0.143	0.053	0.055	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	60197	2489.2	25	12	20.7	20.5	0.137	0.143	0.052	0.054	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	60197	2489.2	1	25	20.7	20.5	0.042	0.044	0.018	0.019	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	60197	2489.2	25	12	20.7	20.5	0.041	0.043	0.017	0.018	
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	20.7	19.6	0.346	0.446	0.139	0.179	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	60197	2489.2	25	12	20.7	19.7	0.353	0.444	0.141	0.178	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	60197	2489.2	1	25	20.7	19.6	0.382	0.492	0.149	0.192	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	60197	2489.2	25	12	20.7	19.7	0.390	0.491	0.152	0.191	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	60197	2489.2	1	25	20.7	19.6	0.666	**0.858**	0.294	0.379	46
ANT 2	Head	QPSK	Mode A	0	Right Cheek	60197	2489.2	25	12	20.7	19.7	0.677	0.852	0.299	0.376	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	60197	2489.2	1	25	20.7	19.6	0.533	0.687	0.211	0.272	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	60197	2489.2	25	12	20.7	19.7	0.588	0.740	0.232	0.292	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	60197	2489.2	1	25	20.7	20.3	0.444	0.487	0.180	0.197	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	60197	2489.2	25	12	20.7	20.4	0.489	**0.524**	0.195	0.209	47
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	60197	2489.2	1	25	20.7	20.3	0.233	0.255	0.107	0.117	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	60197	2489.2	25	12	20.7	20.4	0.232	0.249	0.108	0.116	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	60197	2489.2	1	25	20.7	20.3	0.214	0.235	0.082	0.090	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	60197	2489.2	25	12	20.7	20.4	0.220	0.236	0.085	0.091	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	60197	2489.2	1	25	20.7	20.3	0.019	0.021	0.009	0.010	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	60197	2489.2	25	12	20.7	20.4	0.020	0.021	0.010	0.011	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	60197	2489.2	1	25	20.7	20.3	0.442	**0.485**	0.199	0.218	48
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	60197	2489.2	25	12	20.7	20.4	0.448	0.480	0.200	0.214	

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	0.086	0.090	0.057	0.060	
ANT 1	Head	QPSK	Mode A	0	Left Cheek	132322	1745	50	24	24.7	24.6	0.074	0.076	0.051	0.052	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	132322	1745	1	49	25.3	25.1	0.064	0.067	0.041	0.043	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	132322	1745	50	24	24.7	24.6	0.046	0.047	0.029	0.030	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	132322	1745	1	49	25.3	25.1	0.132	0.138	0.086	0.090	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	132322	1745	50	24	24.7	24.6	0.117	0.120	0.076	0.078	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	132322	1745	1	49	25.3	25.1	0.054	0.057	0.037	0.039	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	132322	1745	50	24	24.7	24.6	0.039	0.040	0.026	0.027	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	132322	1745	1	49	19.5	18.1	0.380	0.525	0.195	0.269	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	132322	1745	50	24	19.5	18.2	0.396	0.534	0.203	0.274	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	132322	1745	1	49	19.5	18.1	0.298	0.411	0.149	0.206	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	132322	1745	50	24	19.5	18.2	0.303	0.409	0.152	0.205	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	132322	1745	1	49	19.5	18.1	0.128	0.177	0.059	0.081	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	132322	1745	50	24	19.5	18.2	0.128	0.173	0.059	0.080	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	132072	1720	1	49	19.5	18.2	0.635	0.857	0.298	0.402	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	132072	1720	50	24	19.5	18.3	0.659	0.869	0.308	0.406	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	132322	1745	1	49	19.5	18.1	0.644	0.889	0.308	0.425	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	132322	1745	50	24	19.5	18.2	0.650	0.877	0.311	0.420	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	132322	1745	100	0	19.5	18.2	0.650	0.877	0.303	0.409	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	132572	1770	1	49	19.5	18.0	0.647	0.914	0.303	0.428	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	132572	1770	50	24	19.5	18.1	0.663	0.915	0.310	0.428	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	132322	1745	1	49	19.5	18.1	0.007	0.010	0.004	0.006	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	132322	1745	50	24	19.5	18.2	0.007	0.009	0.004	0.005	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**RB Allocation**	**RB Offset**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 2	Head	QPSK	Mode A	0	Left Cheek	132322	1745	1	49	19.6	19.0	0.455	0.522	0.222	0.255	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	132322	1745	50	24	19.6	19.1	0.454	0.509	0.221	0.248	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	132322	1745	1	49	19.6	19.0	0.480	0.551	0.228	0.262	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	132322	1745	50	24	19.6	19.1	0.480	0.539	0.228	0.256	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	132072	1720	1	49	19.6	19.2	0.740	0.811	0.359	0.394	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	132072	1720	50	24	19.6	19.2	0.734	0.805	0.358	0.393	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	132322	1745	1	49	19.6	19.0	0.716	0.822	0.355	0.408	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	132322	1745	50	24	19.6	19.1	0.745	0.836	0.368	0.413	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	132322	1745	100	0	19.6	19.1	0.764	0.857	0.375	0.421	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	132572	1770	1	49	19.6	19.0	0.750	0.861	0.374	0.429	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	132572	1770	50	24	19.6	19.0	0.761	0.874	0.379	0.435	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	132072	1720	1	49	19.6	19.2	0.791	0.867	0.370	0.406	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	132072	1720	50	24	19.6	19.2	0.790	0.866	0.369	0.405	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	132322	1745	1	49	19.6	19.0	0.803	0.922	0.377	0.433	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	132322	1745	50	24	19.6	19.1	0.833	**0.935**	0.390	0.438	49
ANT 2	Head	QPSK	Mode A	0	Right Tilt	132322	1745	100	0	19.6	19.1	0.830	0.931	0.389	0.436	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	132572	1770	1	49	19.6	19.0	0.799	0.917	0.377	0.433	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	132572	1770	50	24	19.6	19.0	0.814	0.935	0.384	0.441	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	132322	1745	1	49	19.3	18.8	0.364	0.408	0.187	0.210	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	132322	1745	50	24	19.3	18.9	0.372	0.408	0.191	0.209	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	132322	1745	1	49	19.3	18.8	0.364	0.408	0.173	0.194	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	132322	1745	50	24	19.3	18.9	0.371	0.407	0.171	0.187	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	132072	1720	1	49	19.3	18.8	0.659	0.739	0.296	0.332	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	132072	1720	50	24	19.3	18.9	0.669	0.734	0.300	0.329	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	132322	1745	1	49	19.3	18.8	0.751	0.843	0.337	0.378	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	132322	1745	50	24	19.3	18.9	0.766	0.840	0.344	0.377	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	132322	1745	100	0	19.3	18.8	0.764	0.857	0.342	0.384	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	132572	1770	1	49	19.3	18.7	0.802	0.921	0.359	0.412	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	132572	1770	50	24	19.3	18.7	0.821	**0.943**	0.368	0.423	50
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	132322	1745	1	49	19.3	18.8	0.008	0.009	0.004	0.004	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	132322	1745	50	24	19.3	18.9	0.009	0.010	0.004	0.004	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	132322	1745	1	49	19.3	18.8	0.130	0.146	0.068	0.076	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	132322	1745	50	24	19.3	18.9	0.133	0.146	0.070	0.077	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**RB Allocation**	**RB Offset**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 3	Head	QPSK	Mode A	0	Left Cheek	132322	1745	1	49	22.8	22.8	0.200	0.200	0.126	0.126	
ANT 3	Head	QPSK	Mode A	0	Left Cheek	132322	1745	50	24	22.8	22.8	0.207	0.207	0.130	0.130	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	132322	1745	1	49	22.8	22.8	0.120	0.120	0.076	0.076	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	132322	1745	50	24	22.8	22.8	0.099	0.099	0.065	0.065	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	132322	1745	1	49	22.8	22.8	0.087	0.087	0.058	0.058	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	132322	1745	50	24	22.8	22.8	0.088	0.088	0.059	0.059	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	132322	1745	1	49	22.8	22.8	0.094	0.094	0.057	0.057	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	132322	1745	50	24	22.8	22.8	0.082	0.082	0.052	0.052	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	132072	1720	1	49	22.1	21.8	0.692	0.741	0.362	0.388	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	132072	1720	50	24	22.1	21.9	0.716	0.750	0.374	0.392	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	132322	1745	1	49	22.1	21.7	0.764	0.838	0.393	0.431	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	132322	1745	50	24	22.1	21.8	0.765	0.820	0.397	0.425	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	132322	1745	100	0	22.1	21.8	0.779	0.835	0.401	0.430	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	132572	1770	1	49	22.1	21.7	0.828	0.908	0.419	0.459	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	132572	1770	50	24	22.1	21.8	0.818	0.877	0.416	0.446	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	132322	1745	1	49	22.1	21.7	0.382	0.419	0.225	0.247	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	132322	1745	50	24	22.1	21.8	0.388	0.416	0.228	0.244	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	132322	1745	1	49	22.1	21.7	0.361	0.396	0.196	0.215	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	132322	1745	50	24	22.1	21.8	0.360	0.386	0.196	0.210	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	132322	1745	1	49	22.1	21.7	0.689	0.755	0.367	0.402	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	132322	1745	50	24	22.1	21.8	0.694	0.744	0.369	0.395	

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	20.0	20.0	0.652	0.652	0.361	0.361	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	132072	1720	50	24	20.0	20.0	0.674	0.674	0.346	0.346	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	132322	1745	1	49	20.0	20.0	0.809	0.809	0.449	0.449	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	132322	1745	50	24	20.0	20.0	0.828	0.828	0.443	0.443	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	132322	1745	100	0	20.0	19.9	0.816	0.835	0.445	0.455	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	132572	1770	1	49	20.0	20.0	0.920	0.920	0.502	0.502	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	132572	1770	50	24	20.0	20.0	0.918	0.918	0.499	0.499	
ANT 4	Head	QPSK	Mode A	0	Left Tilt	132322	1745	1	49	20.0	20.0	0.445	0.445	0.239	0.239	
ANT 4	Head	QPSK	Mode A	0	Left Tilt	132322	1745	50	24	20.0	20.0	0.448	0.448	0.243	0.243	
ANT 4	Head	QPSK	Mode A	0	Right Cheek	132322	1745	1	49	20.0	20.0	0.240	0.240	0.148	0.148	
ANT 4	Head	QPSK	Mode A	0	Right Cheek	132322	1745	50	24	20.0	20.0	0.243	0.243	0.150	0.150	
ANT 4	Head	QPSK	Mode A	0	Right Tilt	132322	1745	1	49	20.0	20.0	0.223	0.223	0.135	0.135	
ANT 4	Head	QPSK	Mode A	0	Right Tilt	132322	1745	50	24	20.0	20.0	0.221	0.221	0.134	0.134	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	132072	1720	1	49	21.4	20.7	0.708	0.832	0.372	0.437	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	132072	1720	50	24	21.4	20.9	0.739	0.829	0.386	0.433	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	132322	1745	1	49	21.4	20.8	0.680	0.781	0.361	0.414	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	132322	1745	50	24	21.4	20.8	0.696	0.799	0.396	0.455	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	132322	1745	100	0	21.4	20.7	0.689	0.810	0.361	0.424	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	132572	1770	1	49	21.4	20.7	0.800	**0.940**	0.419	0.492	51
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	132572	1770	50	24	21.4	20.7	0.792	0.931	0.415	0.488	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Front	132322	1745	1	49	21.4	20.8	0.349	0.401	0.201	0.231	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Front	132322	1745	50	24	21.4	20.8	0.348	0.400	0.201	0.231	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Top	132322	1745	1	49	21.4	20.8	0.418	0.480	0.195	0.224	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Top	132322	1745	50	24	21.4	20.8	0.422	0.485	0.197	0.226	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	132322	1745	1	49	21.4	20.8	0.647	0.743	0.334	0.383	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	132322	1745	50	24	21.4	20.8	0.647	0.743	0.333	0.382	

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	24.7	0.111	0.140	0.089	0.112	
ANT 1	Head	QPSK	Mode A	0	Left Cheek	133297	680.5	50	24	24.7	23.8	0.089	0.109	0.072	0.089	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	133297	680.5	1	49	25.7	24.7	0.066	0.083	0.054	0.068	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	133297	680.5	50	24	24.7	23.8	0.052	0.064	0.043	0.053	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	133297	680.5	1	49	25.7	24.7	0.140	0.176	0.109	0.137	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	133297	680.5	50	24	24.7	23.8	0.113	0.139	0.089	0.109	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	133297	680.5	1	49	25.7	24.7	0.075	0.094	0.061	0.077	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	133297	680.5	50	24	24.7	23.8	0.061	0.075	0.050	0.062	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	133297	680.5	1	49	25.7	24.7	0.436	0.549	0.279	0.351	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	133297	680.5	50	24	24.7	23.8	0.353	0.434	0.226	0.278	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	133297	680.5	1	49	25.7	24.7	0.199	0.251	0.129	0.162	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	133297	680.5	50	24	24.7	23.8	0.161	0.198	0.104	0.128	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	133297	680.5	1	49	25.7	24.7	0.531	**0.668**	0.358	0.451	52
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	133297	680.5	50	24	24.7	23.8	0.429	0.528	0.289	0.356	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	133297	680.5	1	49	25.7	24.7	0.146	0.184	0.070	0.088	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	133297	680.5	50	24	24.7	23.8	0.121	0.149	0.058	0.071	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	133297	680.5	1	49	25.7	24.7	0.249	0.313	0.165	0.208	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	133297	680.5	50	24	24.7	23.8	0.200	0.246	0.133	0.164	
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	23.9	0.531	0.638	0.310	0.373	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	133297	680.5	50	24	23.7	23.1	0.430	0.494	0.251	0.288	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	133297	680.5	1	49	24.7	23.9	0.491	0.590	0.255	0.307	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	133297	680.5	50	24	23.7	23.1	0.401	0.460	0.209	0.240	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	133297	680.5	1	49	24.7	23.9	0.654	**0.786**	0.379	0.456	53
ANT 2	Head	QPSK	Mode A	0	Right Cheek	133297	680.5	50	24	23.7	23.1	0.540	0.620	0.313	0.359	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	133297	680.5	1	49	24.7	23.9	0.480	0.577	0.259	0.311	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	133297	680.5	50	24	23.7	23.1	0.388	0.445	0.208	0.239	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	133297	680.5	1	49	24.7	23.9	0.538	**0.647**	0.304	0.365	54
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	133297	680.5	50	24	23.7	23.1	0.440	0.505	0.248	0.285	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	133297	680.5	1	49	24.7	23.9	0.221	0.266	0.137	0.165	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	133297	680.5	50	24	23.7	23.1	0.177	0.203	0.109	0.125	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	133297	680.5	1	49	24.7	23.9	0.215	0.258	0.099	0.119	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	133297	680.5	50	24	23.7	23.1	0.169	0.194	0.079	0.091	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	133297	680.5	1	49	24.7	23.9	0.132	0.159	0.088	0.106	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	133297	680.5	50	24	23.7	23.1	0.106	0.122	0.070	0.080	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	133297	680.5	1	49	24.7	23.9	0.254	0.305	0.167	0.201	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	133297	680.5	50	24	23.7	23.1	0.204	0.234	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	24.7	0.062	0.073	0.049	0.058	
ANT 3	Head	QPSK	Mode A	0	Left Cheek	133297	680.5	50	24	24.4	23.7	0.050	0.059	0.039	0.046	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	133297	680.5	1	49	25.4	24.7	0.036	0.042	0.029	0.034	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	133297	680.5	50	24	24.4	23.7	0.029	0.034	0.023	0.027	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	133297	680.5	1	49	25.4	24.7	0.045	0.053	0.036	0.042	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	133297	680.5	50	24	24.4	23.7	0.037	0.043	0.029	0.034	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	133297	680.5	1	49	25.4	24.7	0.027	0.032	0.022	0.026	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	133297	680.5	50	24	24.4	23.7	0.021	0.025	0.018	0.021	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	133297	680.5	1	49	25.4	24.7	0.383	0.450	0.199	0.234	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	133297	680.5	50	24	24.4	23.7	0.310	0.364	0.161	0.189	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	133297	680.5	1	49	25.4	24.7	0.291	0.342	0.147	0.173	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	133297	680.5	50	24	24.4	23.7	0.229	0.269	0.115	0.135	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	133297	680.5	1	49	25.4	24.7	0.309	0.363	0.115	0.135	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	133297	680.5	50	24	24.4	23.7	0.248	0.291	0.093	0.109	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	133297	680.5	1	49	25.4	24.7	0.378	0.444	0.182	0.214	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	133297	680.5	50	24	24.4	23.7	0.303	0.356	0.146	0.172	

10.20. NR Band n5 (20MHz Bandwidth)

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	167300	836.5	1	53	25.7	25.5	0.160	0.168	0.124	0.130	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	167300	836.5	50	28	25.7	25.6	0.163	0.167	0.127	0.130	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	167300	836.5	1	53	25.7	25.5	0.090	0.094	0.071	0.074	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	167300	836.5	50	28	25.7	25.6	0.078	0.080	0.061	0.062	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	167300	836.5	1	53	25.7	25.5	0.188	0.197	0.147	0.154	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	167300	836.5	50	28	25.7	25.6	0.190	0.194	0.150	0.153	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	167300	836.5	1	53	25.7	25.5	0.092	0.096	0.073	0.076	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	167300	836.5	50	28	25.7	25.6	0.085	0.087	0.067	0.069	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	167300	836.5	1	53	25.7	25.5	0.708	0.741	0.388	0.406	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	167300	836.5	50	28	25.7	25.6	0.720	0.737	0.397	0.406	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	167300	836.5	1	53	25.7	25.5	0.256	0.268	0.160	0.168	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	167300	836.5	50	28	25.7	25.6	0.194	0.199	0.127	0.130	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	167300	836.5	1	53	25.7	25.5	0.600	0.628	0.392	0.410	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	167300	836.5	50	28	25.7	25.6	0.670	**0.686**	0.431	0.441	55
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	167300	836.5	1	53	25.7	25.5	0.373	0.391	0.160	0.168	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	167300	836.5	50	28	25.7	25.6	0.302	0.309	0.135	0.138	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	167300	836.5	1	53	25.7	25.5	0.175	0.183	0.114	0.119	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	167300	836.5	50	28	25.7	25.6	0.173	0.177	0.113	0.116	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**RB Allocation**	**RB Offset**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	167300	836.5	1	53	24.5	24.4	0.545	0.558	0.395	0.404	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	167300	836.5	50	28	24.5	24.5	0.609	0.609	0.383	0.383	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	167300	836.5	1	53	24.5	24.4	0.440	0.450	0.266	0.272	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	167300	836.5	50	28	24.5	24.5	0.460	0.460	0.260	0.260	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	167300	836.5	1	53	24.5	24.4	0.872	**0.892**	0.559	0.572	56
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	167300	836.5	50	28	24.5	24.5	0.726	0.726	0.479	0.479	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	167300	836.5	1	53	24.5	24.4	0.535	0.547	0.292	0.299	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	167300	836.5	50	28	24.5	24.5	0.477	0.477	0.253	0.253	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	167300	836.5	1	53	24.7	24.7	0.639	0.639	0.369	0.369	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	167300	836.5	50	28	24.7	24.7	0.783	**0.783**	0.455	0.455	57
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	167300	836.5	1	53	24.7	24.7	0.304	0.304	0.201	0.201	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	167300	836.5	50	28	24.7	24.7	0.303	0.303	0.200	0.200	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	167300	836.5	1	53	24.7	24.7	0.305	0.305	0.146	0.146	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	167300	836.5	50	28	24.7	24.7	0.357	0.357	0.167	0.167	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	167300	836.5	1	53	24.7	24.7	0.223	0.223	0.144	0.144	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	167300	836.5	50	28	24.7	24.7	0.223	0.223	0.144	0.144	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	167300	836.5	1	53	24.7	24.7	0.310	0.310	0.199	0.199	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	167300	836.5	50	28	24.7	24.7	0.350	0.350	0.223	0.223	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**RB Allocation**	**RB Offset**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	167300	836.5	1	53	25.4	25.1	0.126	0.135	0.096	0.103	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	167300	836.5	50	28	25.4	25.2	0.125	0.131	0.094	0.098	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	167300	836.5	1	53	25.4	25.1	0.057	0.061	0.045	0.048	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	167300	836.5	50	28	25.4	25.2	0.059	0.062	0.046	0.048	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	167300	836.5	1	53	25.4	25.1	0.086	0.092	0.068	0.073	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	167300	836.5	50	28	25.4	25.2	0.082	0.086	0.064	0.067	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	167300	836.5	1	53	25.4	25.1	0.049	0.053	0.039	0.042	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	167300	836.5	50	28	25.4	25.2	0.045	0.047	0.036	0.038	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	167300	836.5	1	53	25.3	25.1	0.521	0.546	0.278	0.291	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	167300	836.5	50	28	25.3	25.0	0.544	0.583	0.288	0.309	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	167300	836.5	1	53	25.3	25.1	0.216	0.226	0.124	0.130	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	167300	836.5	50	28	25.3	25.0	0.231	0.248	0.131	0.140	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	167300	836.5	1	53	25.3	25.1	0.255	0.267	0.105	0.110	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	167300	836.5	50	28	25.3	25.0	0.270	0.289	0.111	0.119	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	167300	836.5	1	53	25.3	25.1	0.333	0.349	0.152	0.159	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	167300	836.5	50	28	25.3	25.0	0.321	0.344	0.146	0.156	

10.21. NR Band n7 (40MHz Bandwidth)

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	507000	2535	1	108	20.0	19.5	0.118	0.132	0.066	0.074	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	507000	2535	108	54	20.0	19.5	0.111	0.125	0.063	0.071	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	507000	2535	1	108	20.0	19.5	0.075	0.084	0.039	0.044	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	507000	2535	108	54	20.0	19.5	0.073	0.082	0.038	0.043	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	507000	2535	1	108	20.0	19.5	0.324	0.364	0.167	0.187	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	507000	2535	108	54	20.0	19.5	0.317	0.356	0.164	0.184	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	507000	2535	1	108	20.0	19.5	0.093	0.104	0.048	0.054	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	507000	2535	108	54	20.0	19.5	0.098	0.110	0.050	0.056	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	507000	2535	1	108	22.0	20.9	0.673	0.867	0.336	0.433	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	507000	2535	108	54	22.0	20.9	0.657	0.846	0.328	0.423	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	507000	2535	1	108	22.0	20.9	0.350	0.451	0.144	0.186	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	507000	2535	108	54	22.0	20.9	0.328	0.423	0.137	0.176	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	507000	2535	1	108	22.0	20.9	0.705	0.908	0.302	0.389	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	507000	2535	108	54	22.0	20.9	0.675	0.870	0.293	0.377	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	507000	2535	1	108	22.0	20.9	0.603	0.777	0.233	0.300	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	507000	2535	108	54	22.0	20.9	0.595	0.767	0.230	0.296	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	507000	2535	1	108	22.0	20.9	0.144	0.186	0.065	0.084	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	507000	2535	108	54	22.0	20.9	0.136	0.175	0.062	0.080	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**RB Allocation**	**RB Offset**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	507000	2535	1	108	18.8	18.2	0.423	0.486	0.161	0.185	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	507000	2535	108	54	18.8	18.2	0.437	0.502	0.166	0.191	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	507000	2535	1	108	18.8	18.2	0.476	0.547	0.175	0.201	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	507000	2535	108	54	18.8	18.2	0.504	0.579	0.190	0.218	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	507000	2535	1	108	18.8	18.2	0.808	**0.928**	0.351	0.403	58
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	507000	2535	108	54	18.8	18.2	0.779	0.894	0.339	0.389	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	507000	2535	1	108	18.8	18.2	0.635	0.729	0.251	0.288	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	507000	2535	108	54	18.8	18.2	0.641	0.736	0.253	0.290	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	507000	2535	1	108	19.5	19.1	0.792	0.868	0.312	0.342	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	507000	2535	108	54	19.5	19.0	0.812	0.911	0.322	0.361	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	507000	2535	1	108	19.5	19.1	0.474	0.520	0.213	0.234	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	507000	2535	108	54	19.5	19.0	0.448	0.503	0.202	0.227	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	507000	2535	1	108	19.5	19.1	0.458	0.502	0.178	0.195	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	507000	2535	108	54	19.5	19.0	0.454	0.509	0.176	0.197	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	507000	2535	1	108	19.5	19.1	0.048	0.053	0.025	0.027	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	507000	2535	108	54	19.5	19.0	0.044	0.049	0.023	0.026	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	507000	2535	1	108	19.5	19.1	0.776	0.851	0.344	0.377	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	507000	2535	108	54	19.5	19.0	0.743	0.834	0.331	0.371	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**RB Allocation**	**RB Offset**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	507000	2535	1	108	21.8	21.3	0.151	0.169	0.077	0.086	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	507000	2535	108	54	21.8	21.1	0.145	0.170	0.076	0.089	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	507000	2535	1	108	21.8	21.3	0.047	0.053	0.025	0.028	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	507000	2535	108	54	21.8	21.1	0.049	0.058	0.022	0.026	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	507000	2535	1	108	21.8	21.3	0.057	0.064	0.028	0.031	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	507000	2535	108	54	21.8	21.1	0.047	0.055	0.022	0.026	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	507000	2535	1	108	21.8	21.3	0.047	0.053	0.022	0.025	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	507000	2535	108	54	21.8	21.1	0.045	0.053	0.021	0.025	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	507000	2535	1	108	20.6	20.6	0.893	0.893	0.378	0.378	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	507000	2535	108	54	20.6	20.5	0.921	**0.942**	0.384	0.393	59
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	507000	2535	1	108	20.6	20.6	0.427	0.427	0.196	0.196	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	507000	2535	108	54	20.6	20.5	0.389	0.398	0.180	0.184	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	507000	2535	1	108	20.6	20.6	0.220	0.220	0.107	0.107	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	507000	2535	108	54	20.6	20.5	0.216	0.221	0.106	0.108	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	507000	2535	1	108	20.6	20.6	0.509	0.509	0.219	0.219	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	507000	2535	108	54	20.6	20.5	0.520	0.532	0.224	0.229	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**RB Allocation**	**RB Offset**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	507000	2535	1	108	20.4	19.8	0.715	0.821	0.298	0.342	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	507000	2535	108	54	20.4	19.7	0.781	0.918	0.326	0.383	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	507000	2535	1	108	20.4	19.8	0.184	0.211	0.092	0.106	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	507000	2535	108	54	20.4	19.7	0.194	0.228	0.096	0.113	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	507000	2535	1	108	20.4	19.8	0.211	0.242	0.109	0.125	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	507000	2535	108	54	20.4	19.7	0.196	0.230	0.102	0.120	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	507000	2535	1	108	20.4	19.8	0.065	0.075	0.033	0.038	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	507000	2535	108	54	20.4	19.7	0.061	0.072	0.029	0.034	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	507000	2535	1	108	20.4	20.1	0.808	0.866	0.339	0.363	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	507000	2535	108	54	20.4	20.1	0.774	0.829	0.327	0.350	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	507000	2535	1	108	20.4	20.1	0.422	0.452	0.182	0.195	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	507000	2535	108	54	20.4	20.1	0.454	0.486	0.194	0.208	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	507000	2535	1	108	20.4	20.1	0.059	0.063	0.029	0.031	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	507000	2535	108	54	20.4	20.1	0.059	0.063	0.030	0.032	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	507000	2535	1	108	20.4	20.1	0.861	0.923	0.349	0.374	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	507000	2535	108	54	20.4	20.1	0.866	**0.928**	0.369	0.395	60

10.22. NR Band n12 (15MHz Bandwidth)

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	141500	707.5	1	39	25.7	25.6	0.139	0.142	0.108	0.111	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	141500	707.5	36	22	25.7	25.5	0.129	0.135	0.101	0.106	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	141500	707.5	1	39	25.7	25.6	0.081	0.083	0.065	0.067	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	141500	707.5	36	22	25.7	25.5	0.080	0.084	0.064	0.067	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	141500	707.5	1	39	25.7	25.6	0.156	0.160	0.125	0.128	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	141500	707.5	36	22	25.7	25.5	0.163	0.171	0.129	0.135	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	141500	707.5	1	39	25.7	25.6	0.093	0.095	0.073	0.075	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	141500	707.5	36	22	25.7	25.5	0.089	0.093	0.071	0.074	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	141500	707.5	1	39	25.7	25.6	0.427	0.437	0.267	0.273	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	141500	707.5	36	22	25.7	25.5	0.404	0.423	0.257	0.269	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	141500	707.5	1	39	25.7	25.6	0.208	0.213	0.137	0.140	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	141500	707.5	36	22	25.7	25.5	0.202	0.212	0.141	0.148	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	141500	707.5	1	39	25.7	25.6	0.649	0.664	0.435	0.445	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	141500	707.5	36	22	25.7	25.5	0.646	**0.676**	0.432	0.452	61
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	141500	707.5	1	39	25.7	25.6	0.143	0.146	0.067	0.069	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	141500	707.5	36	22	25.7	25.5	0.153	0.160	0.070	0.073	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	141500	707.5	1	39	25.7	25.6	0.352	0.360	0.228	0.233	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	141500	707.5	36	22	25.7	25.5	0.324	0.339	0.210	0.220	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**RB Allocation**	**RB Offset**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	141500	707.5	1	39	24.7	24.6	0.567	0.580	0.345	0.353	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	141500	707.5	36	22	24.7	24.7	0.557	0.557	0.339	0.339	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	141500	707.5	1	39	24.7	24.6	0.527	0.539	0.283	0.290	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	141500	707.5	36	22	24.7	24.7	0.514	0.514	0.275	0.275	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	141500	707.5	1	39	24.7	24.6	0.752	**0.770**	0.442	0.452	62
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	141500	707.5	36	22	24.7	24.7	0.663	0.663	0.398	0.398	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	141500	707.5	1	39	24.7	24.6	0.545	0.558	0.290	0.297	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	141500	707.5	36	22	24.7	24.7	0.540	0.540	0.289	0.289	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	141500	707.5	1	39	24.7	24.6	0.446	**0.456**	0.260	0.266	63
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	141500	707.5	36	22	24.7	24.7	0.438	0.438	0.255	0.255	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	141500	707.5	1	39	24.7	24.6	0.199	0.204	0.137	0.140	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	141500	707.5	36	22	24.7	24.7	0.199	0.199	0.134	0.134	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	141500	707.5	1	39	24.7	24.6	0.153	0.157	0.075	0.077	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	141500	707.5	36	22	24.7	24.7	0.151	0.151	0.074	0.074	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	141500	707.5	1	39	24.7	24.6	0.172	0.176	0.114	0.117	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	141500	707.5	36	22	24.7	24.7	0.171	0.171	0.113	0.113	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	141500	707.5	1	39	24.7	24.6	0.325	0.333	0.213	0.218	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	141500	707.5	36	22	24.7	24.7	0.317	0.317	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 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	141500	707.5	1	39	25.4	25.0	0.087	0.095	0.068	0.075	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	141500	707.5	36	22	25.4	24.9	0.084	0.094	0.065	0.073	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	141500	707.5	1	39	25.4	25.0	0.052	0.057	0.043	0.047	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	141500	707.5	36	22	25.4	24.9	0.049	0.055	0.040	0.045	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	141500	707.5	1	39	25.4	25.0	0.068	0.075	0.055	0.060	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	141500	707.5	36	22	25.4	24.9	0.069	0.077	0.055	0.062	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	141500	707.5	1	39	25.4	25.0	0.042	0.046	0.034	0.037	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	141500	707.5	36	22	25.4	24.9	0.042	0.047	0.034	0.038	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	141500	707.5	1	39	25.4	25.0	0.378	0.414	0.204	0.224	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	141500	707.5	36	22	25.4	24.9	0.369	0.414	0.199	0.223	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	141500	707.5	1	39	25.4	25.0	0.187	0.205	0.112	0.123	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	141500	707.5	36	22	25.4	24.9	0.183	0.205	0.109	0.122	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	141500	707.5	1	39	25.4	25.0	0.243	0.266	0.097	0.106	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	141500	707.5	36	22	25.4	24.9	0.233	0.261	0.093	0.104	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	141500	707.5	1	39	25.4	25.0	0.426	0.467	0.223	0.245	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	141500	707.5	36	22	25.4	24.9	0.397	0.445	0.213	0.239	

10.23. NR Band n14 (10MHz Bandwidth)

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	158600	793	1	26	25.7	25.2	0.152	0.171	0.118	0.132	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	158600	793	25	14	25.7	25.2	0.145	0.163	0.113	0.127	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	158600	793	1	26	25.7	25.2	0.090	0.101	0.072	0.081	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	158600	793	25	14	25.7	25.2	0.076	0.085	0.061	0.068	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	158600	793	1	26	25.7	25.2	0.198	0.222	0.156	0.175	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	158600	793	25	14	25.7	25.2	0.195	0.219	0.154	0.173	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	158600	793	1	26	25.7	25.2	0.088	0.099	0.070	0.079	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	158600	793	25	14	25.7	25.2	0.086	0.096	0.068	0.076	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	158600	793	1	26	25.7	25.2	0.517	0.580	0.305	0.342	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	158600	793	25	14	25.7	25.2	0.484	0.543	0.287	0.322	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	158600	793	1	26	25.7	25.2	0.226	0.254	0.150	0.168	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	158600	793	25	14	25.7	25.2	0.232	0.260	0.154	0.173	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	158600	793	1	26	25.7	25.2	0.705	**0.791**	0.465	0.522	64
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	158600	793	25	14	25.7	25.2	0.686	0.770	0.453	0.508	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	158600	793	1	26	25.7	25.2	0.190	0.213	0.082	0.092	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	158600	793	25	14	25.7	25.2	0.203	0.228	0.087	0.098	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	158600	793	1	26	25.7	25.2	0.311	0.349	0.198	0.222	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	158600	793	25	14	25.7	25.2	0.306	0.343	0.195	0.219	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**RB Allocation**	**RB Offset**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	158600	793	1	26	24.5	24.4	0.501	0.513	0.357	0.365	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	158600	793	25	14	24.5	24.5	0.587	0.587	0.413	0.413	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	158600	793	1	26	24.5	24.4	0.454	0.465	0.252	0.258	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	158600	793	25	14	24.5	24.5	0.429	0.429	0.240	0.240	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	158600	793	1	26	24.5	24.4	0.748	**0.765**	0.430	0.440	65
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	158600	793	25	14	24.5	24.5	0.746	0.746	0.451	0.451	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	158600	793	1	26	24.5	24.4	0.432	0.442	0.244	0.250	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	158600	793	25	14	24.5	24.5	0.469	0.469	0.259	0.259	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	158600	793	1	26	24.5	24.4	0.676	**0.692**	0.395	0.404	66
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	158600	793	25	14	24.5	24.5	0.657	0.657	0.387	0.387	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	158600	793	1	26	24.5	24.4	0.261	0.267	0.173	0.177	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	158600	793	25	14	24.5	24.5	0.261	0.261	0.173	0.173	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	158600	793	1	26	24.5	24.4	0.239	0.245	0.120	0.123	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	158600	793	25	14	24.5	24.5	0.244	0.244	0.122	0.122	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	158600	793	1	26	24.5	24.4	0.235	0.240	0.154	0.158	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	158600	793	25	14	24.5	24.5	0.221	0.221	0.143	0.143	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	158600	793	1	26	24.5	24.4	0.388	0.397	0.255	0.261	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	158600	793	25	14	24.5	24.5	0.378	0.378	0.248	0.248	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**RB Allocation**	**RB Offset**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	158600	793	1	26	25.4	25.0	0.072	0.079	0.054	0.059	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	158600	793	25	14	25.4	25.0	0.071	0.078	0.054	0.059	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	158600	793	1	26	25.4	25.0	0.036	0.039	0.029	0.032	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	158600	793	25	14	25.4	25.0	0.035	0.038	0.028	0.031	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	158600	793	1	26	25.4	25.0	0.055	0.060	0.044	0.048	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	158600	793	25	14	25.4	25.0	0.054	0.059	0.043	0.047	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	158600	793	1	26	25.4	25.0	0.038	0.042	0.031	0.034	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	158600	793	25	14	25.4	25.0	0.037	0.041	0.030	0.033	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	158600	793	1	26	25.4	25.0	0.281	0.308	0.151	0.166	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	158600	793	25	14	25.4	25.0	0.270	0.296	0.145	0.159	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	158600	793	1	26	25.4	25.0	0.171	0.187	0.098	0.107	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	158600	793	25	14	25.4	25.0	0.167	0.183	0.096	0.105	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	158600	793	1	26	25.4	25.0	0.177	0.194	0.075	0.082	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	158600	793	25	14	25.4	25.0	0.154	0.169	0.066	0.072	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	158600	793	1	26	25.4	25.0	0.312	0.342	0.151	0.166	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	158600	793	25	14	25.4	25.0	0.277	0.304	0.134	0.147	

10.24. NR Band n25 (40MHz Bandwidth)

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	376500	1882.5	1	108	25.7	25.7	0.160	0.160	0.106	0.106	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	376500	1882.5	108	54	25.7	25.7	0.146	0.146	0.096	0.096	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	376500	1882.5	1	108	25.7	25.7	0.098	0.098	0.063	0.063	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	376500	1882.5	108	54	25.7	25.7	0.096	0.096	0.061	0.061	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	376500	1882.5	1	108	25.7	25.7	0.355	0.355	0.224	0.224	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	376500	1882.5	108	54	25.7	25.7	0.276	0.276	0.175	0.175	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	376500	1882.5	1	108	25.7	25.7	0.095	0.095	0.062	0.062	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	376500	1882.5	108	54	25.7	25.7	0.088	0.088	0.058	0.058	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	376500	1882.5	1	108	19.7	19.3	0.356	0.390	0.187	0.205	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	376500	1882.5	108	54	19.7	19.3	0.354	0.388	0.185	0.203	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	376500	1882.5	1	108	19.7	19.3	0.302	0.331	0.154	0.169	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	376500	1882.5	108	54	19.7	19.3	0.317	0.348	0.162	0.178	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	376500	1882.5	1	108	19.7	19.3	0.294	0.322	0.140	0.154	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	376500	1882.5	108	54	19.7	19.3	0.290	0.318	0.138	0.151	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	376500	1882.5	1	108	19.7	19.3	0.845	0.927	0.395	0.433	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	376500	1882.5	108	54	19.7	19.3	0.817	0.896	0.382	0.419	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	376500	1882.5	1	108	19.7	19.3	0.008	0.009	0.004	0.004	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	376500	1882.5	108	54	19.7	19.3	0.009	0.010	0.004	0.004	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**RB Allocation**	**RB Offset**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	376500	1882.5	1	108	20.8	20.1	0.334	0.392	0.167	0.196	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	376500	1882.5	108	54	20.8	20.1	0.325	0.382	0.165	0.194	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	376500	1882.5	1	108	20.8	20.1	0.407	0.478	0.199	0.234	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	376500	1882.5	108	54	20.8	20.1	0.384	0.451	0.190	0.223	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	376500	1882.5	1	108	20.8	20.1	0.711	0.835	0.381	0.448	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	376500	1882.5	108	54	20.8	20.1	0.669	0.786	0.361	0.424	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	376500	1882.5	1	108	20.8	20.1	0.723	0.849	0.346	0.407	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	376500	1882.5	108	54	20.8	20.1	0.706	0.829	0.338	0.397	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	376500	1882.5	1	108	20.1	19.6	0.728	0.817	0.335	0.376	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	376500	1882.5	108	54	20.1	19.5	0.711	0.816	0.327	0.375	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	376500	1882.5	1	108	20.1	19.6	0.398	0.447	0.198	0.222	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	376500	1882.5	108	54	20.1	19.5	0.389	0.447	0.194	0.223	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	376500	1882.5	1	108	20.1	19.6	0.829	**0.930**	0.382	0.429	67
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	376500	1882.5	108	54	20.1	19.5	0.808	0.928	0.373	0.428	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	376500	1882.5	1	108	20.1	19.6	0.013	0.015	0.006	0.007	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	376500	1882.5	108	54	20.1	19.5	0.014	0.016	0.007	0.008	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	376500	1882.5	1	108	20.1	19.6	0.323	0.362	0.161	0.181	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	376500	1882.5	108	54	20.1	19.5	0.314	0.361	0.157	0.180	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**RB Allocation**	**RB Offset**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	376500	1882.5	1	108	23.3	23.2	0.260	0.266	0.155	0.159	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	376500	1882.5	108	54	23.3	23.1	0.236	0.247	0.141	0.148	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	376500	1882.5	1	108	23.3	23.2	0.105	0.107	0.068	0.070	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	376500	1882.5	108	54	23.3	23.1	0.102	0.107	0.067	0.070	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	376500	1882.5	1	108	23.3	23.2	0.152	0.156	0.096	0.098	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	376500	1882.5	108	54	23.3	23.1	0.140	0.147	0.089	0.093	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	376500	1882.5	1	108	23.3	23.2	0.115	0.118	0.069	0.071	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	376500	1882.5	108	54	23.3	23.1	0.122	0.128	0.074	0.077	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	376500	1882.5	1	108	22.0	21.7	0.871	0.933	0.448	0.480	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	376500	1882.5	108	54	22.0	21.6	0.781	0.856	0.397	0.435	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	376500	1882.5	1	108	22.0	21.7	0.311	0.333	0.191	0.205	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	376500	1882.5	108	54	22.0	21.6	0.354	0.388	0.215	0.236	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	376500	1882.5	1	108	22.0	21.7	0.288	0.309	0.154	0.165	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	376500	1882.5	108	54	22.0	21.6	0.280	0.307	0.149	0.163	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	376500	1882.5	1	108	22.0	21.7	0.743	0.796	0.382	0.409	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	376500	1882.5	108	54	22.0	21.6	0.767	0.841	0.387	0.424	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**RB Allocation**	**RB Offset**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	376500	1882.5	1	108	21.1	20.6	0.832	**0.934**	0.460	0.516	68
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	376500	1882.5	108	54	21.1	20.6	0.822	0.922	0.457	0.513	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	376500	1882.5	1	108	21.1	20.6	0.575	0.645	0.299	0.335	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	376500	1882.5	108	54	21.1	20.6	0.554	0.622	0.287	0.322	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	376500	1882.5	1	108	21.1	20.6	0.246	0.276	0.153	0.172	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	376500	1882.5	108	54	21.1	20.6	0.286	0.321	0.178	0.200	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	376500	1882.5	1	108	21.1	20.6	0.229	0.257	0.138	0.155	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	376500	1882.5	108	54	21.1	20.6	0.230	0.258	0.139	0.156	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	376500	1882.5	1	108	21.8	21.5	0.784	0.840	0.411	0.440	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	376500	1882.5	108	54	21.8	21.4	0.852	**0.934**	0.442	0.485	69
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	376500	1882.5	1	108	21.8	21.5	0.310	0.332	0.181	0.194	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	376500	1882.5	108	54	21.8	21.4	0.308	0.338	0.180	0.197	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	376500	1882.5	1	108	21.8	21.5	0.342	0.366	0.160	0.171	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	376500	1882.5	108	54	21.8	21.4	0.335	0.367	0.157	0.172	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	376500	1882.5	1	108	21.8	21.5	0.666	0.714	0.319	0.342	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	376500	1882.5	108	54	21.8	21.4	0.637	0.698	0.315	0.345	

10.25. NR Band n26 (20MHz Bandwidth)

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	166300	831.5	1	53	25.7	25.5	0.162	0.170	0.126	0.132	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	166300	831.5	50	28	25.7	25.5	0.159	0.166	0.124	0.130	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	166300	831.5	1	53	25.7	25.5	0.104	0.109	0.081	0.085	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	166300	831.5	50	28	25.7	25.5	0.089	0.093	0.070	0.073	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	166300	831.5	1	53	25.7	25.5	0.194	0.203	0.152	0.159	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	166300	831.5	50	28	25.7	25.5	0.201	0.210	0.155	0.162	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	166300	831.5	1	53	25.7	25.5	0.096	0.101	0.076	0.080	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	166300	831.5	50	28	25.7	25.5	0.082	0.086	0.065	0.068	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	166300	831.5	1	53	25.7	25.5	0.749	**0.784**	0.407	0.426	70
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	166300	831.5	50	28	25.7	25.5	0.669	0.701	0.373	0.391	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	166300	831.5	1	53	25.7	25.5	0.298	0.312	0.182	0.191	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	166300	831.5	50	28	25.7	25.5	0.276	0.289	0.170	0.178	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	166300	831.5	1	53	25.7	25.5	0.642	**0.672**	0.149	0.156	71
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	166300	831.5	50	28	25.7	25.5	0.624	0.653	0.407	0.426	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	166300	831.5	1	53	25.7	25.5	0.282	0.295	0.129	0.135	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	166300	831.5	50	28	25.7	25.5	0.292	0.306	0.130	0.136	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	166300	831.5	1	53	25.7	25.5	0.184	0.193	0.120	0.126	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	166300	831.5	50	28	25.7	25.5	0.180	0.188	0.117	0.123	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**RB Allocation**	**RB Offset**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	166300	831.5	1	53	24.5	24.5	0.533	0.533	0.388	0.388	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	166300	831.5	50	28	24.5	24.4	0.567	0.580	0.401	0.410	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	166300	831.5	1	53	24.5	24.5	0.454	0.454	0.256	0.256	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	166300	831.5	50	28	24.5	24.4	0.366	0.375	0.231	0.236	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	166300	831.5	1	53	24.5	24.5	0.760	**0.760**	0.497	0.497	72
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	166300	831.5	50	28	24.5	24.4	0.695	0.711	0.444	0.454	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	166300	831.5	1	53	24.5	24.5	0.584	0.584	0.309	0.309	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	166300	831.5	50	28	24.5	24.4	0.566	0.579	0.302	0.309	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	166300	831.5	1	53	24.7	24.5	0.710	0.743	0.415	0.435	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	166300	831.5	50	28	24.7	24.6	0.731	0.748	0.428	0.438	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	166300	831.5	1	53	24.7	24.5	0.262	0.274	0.174	0.182	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	166300	831.5	50	28	24.7	24.6	0.272	0.278	0.182	0.186	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	166300	831.5	1	53	24.7	24.5	0.274	0.287	0.134	0.140	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	166300	831.5	50	28	24.7	24.6	0.338	0.346	0.162	0.166	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	166300	831.5	1	53	24.7	24.5	0.211	0.221	0.134	0.140	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	166300	831.5	50	28	24.7	24.6	0.196	0.201	0.125	0.128	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	166300	831.5	1	53	24.7	24.5	0.327	0.342	0.210	0.220	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	166300	831.5	50	28	24.7	24.6	0.313	0.320	0.201	0.206	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**RB Allocation**	**RB Offset**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	166300	831.5	1	53	25.4	25.2	0.105	0.110	0.082	0.086	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	166300	831.5	50	28	25.4	25.2	0.111	0.116	0.086	0.090	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	166300	831.5	1	53	25.4	25.2	0.061	0.064	0.048	0.050	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	166300	831.5	50	28	25.4	25.2	0.063	0.066	0.050	0.052	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	166300	831.5	1	53	25.4	25.2	0.093	0.097	0.074	0.077	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	166300	831.5	50	28	25.4	25.2	0.085	0.089	0.068	0.071	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	166300	831.5	1	53	25.4	25.2	0.049	0.051	0.039	0.041	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	166300	831.5	50	28	25.4	25.2	0.057	0.060	0.045	0.047	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	166300	831.5	1	53	25.3	25.2	0.430	0.440	0.239	0.245	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	166300	831.5	50	28	25.3	25.1	0.398	0.417	0.222	0.232	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	166300	831.5	1	53	25.3	25.2	0.220	0.225	0.126	0.129	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	166300	831.5	50	28	25.3	25.1	0.246	0.258	0.136	0.142	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	166300	831.5	1	53	25.3	25.2	0.284	0.291	0.117	0.120	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	166300	831.5	50	28	25.3	25.1	0.308	0.323	0.126	0.132	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	166300	831.5	1	53	25.3	25.2	0.334	0.342	0.151	0.155	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	166300	831.5	50	28	25.3	25.1	0.344	0.360	0.158	0.165	

10.26. NR Band n30 (10MHz Bandwidth)

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	462000	2310	1	26	25.2	25.2	0.079	0.079	0.041	0.041	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	462000	2310	25	14	25.2	25.2	0.078	0.078	0.040	0.040	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	462000	2310	1	26	25.2	25.2	0.043	0.043	0.021	0.021	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	462000	2310	25	14	25.2	25.2	0.042	0.042	0.021	0.021	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	462000	2310	1	26	25.2	25.2	0.054	0.054	0.030	0.030	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	462000	2310	25	14	25.2	25.2	0.052	0.052	0.029	0.029	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	462000	2310	1	26	25.2	25.2	0.033	0.033	0.016	0.016	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	462000	2310	25	14	25.2	25.2	0.034	0.034	0.017	0.017	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	462000	2310	1	26	24.3	23.6	0.725	0.852	0.353	0.415	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	462000	2310	25	14	24.3	23.6	0.678	0.797	0.330	0.388	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	462000	2310	1	26	24.3	23.6	0.525	0.617	0.253	0.297	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	462000	2310	25	14	24.3	23.6	0.426	0.501	0.207	0.243	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	462000	2310	1	26	24.3	23.6	0.783	0.920	0.332	0.390	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	462000	2310	25	14	24.3	23.6	0.763	0.896	0.324	0.381	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	462000	2310	1	26	24.3	23.6	0.745	0.875	0.308	0.362	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	462000	2310	25	14	24.3	23.6	0.730	0.858	0.301	0.354	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	462000	2310	1	26	24.3	23.6	0.102	0.120	0.046	0.054	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	462000	2310	25	14	24.3	23.6	0.091	0.107	0.042	0.049	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	462000	2310	1	26	22.3	21.8	0.178	0.200	0.097	0.109	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	462000	2310	25	14	22.3	21.8	0.168	0.188	0.089	0.100	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	462000	2310	1	26	22.3	21.8	0.224	0.251	0.104	0.117	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	462000	2310	25	14	22.3	21.8	0.207	0.232	0.098	0.110	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	462000	2310	1	26	22.3	21.8	0.684	0.767	0.332	0.373	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	462000	2310	25	14	22.3	21.8	0.719	0.807	0.339	0.380	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	462000	2310	1	26	22.3	21.8	0.581	0.652	0.249	0.279	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	462000	2310	25	14	22.3	21.8	0.570	0.640	0.244	0.274	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	462000	2310	1	26	23.0	22.5	0.698	0.783	0.327	0.367	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	462000	2310	25	14	23.0	22.5	0.678	0.761	0.317	0.356	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	462000	2310	1	26	23.0	22.5	0.406	0.456	0.212	0.238	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	462000	2310	25	14	23.0	22.5	0.402	0.451	0.209	0.235	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	462000	2310	1	26	23.0	22.5	0.219	0.246	0.079	0.089	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	462000	2310	25	14	23.0	22.5	0.233	0.261	0.082	0.092	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	462000	2310	1	26	23.0	22.5	0.034	0.038	0.012	0.013	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	462000	2310	25	14	23.0	22.5	0.033	0.037	0.012	0.013	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	462000	2310	1	26	23.0	22.5	0.835	0.937	0.401	0.450	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	462000	2310	25	14	23.0	22.5	0.830	0.931	0.399	0.448	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	462000	2310	1	26	21.6	21.6	0.203	0.203	0.117	0.117	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	462000	2310	25	14	21.6	21.6	0.201	0.201	0.116	0.116	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	462000	2310	1	26	21.6	21.6	0.095	0.095	0.050	0.050	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	462000	2310	25	14	21.6	21.6	0.093	0.093	0.049	0.049	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	462000	2310	1	26	21.6	21.6	0.066	0.066	0.034	0.034	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	462000	2310	25	14	21.6	21.6	0.091	0.091	0.049	0.049	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	462000	2310	1	26	21.6	21.6	0.127	0.127	0.067	0.067	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	462000	2310	25	14	21.6	21.6	0.124	0.124	0.066	0.066	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	462000	2310	1	26	20.0	19.8	0.855	0.895	0.369	0.386	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	462000	2310	25	14	20.0	19.7	0.875	**0.938**	0.373	0.400	73
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	462000	2310	1	26	20.0	19.8	0.476	0.498	0.237	0.248	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	462000	2310	25	14	20.0	19.7	0.560	0.600	0.278	0.298	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	462000	2310	1	26	20.0	19.8	0.229	0.240	0.118	0.124	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	462000	2310	25	14	20.0	19.7	0.193	0.207	0.100	0.107	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	462000	2310	1	26	20.0	19.8	0.594	0.622	0.268	0.281	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	462000	2310	25	14	20.0	19.7	0.584	0.626	0.265	0.284	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	462000	2310	1	26	21.5	21.0	0.812	**0.911**	0.372	0.417	74
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	462000	2310	25	14	21.5	20.9	0.759	0.871	0.352	0.404	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	462000	2310	1	26	21.5	21.0	0.356	0.399	0.173	0.194	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	462000	2310	25	14	21.5	20.9	0.350	0.402	0.173	0.199	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	462000	2310	1	26	21.5	21.0	0.408	0.458	0.209	0.235	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	462000	2310	25	14	21.5	20.9	0.389	0.447	0.200	0.230	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	462000	2310	1	26	21.5	21.0	0.097	0.109	0.052	0.058	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	462000	2310	25	14	21.5	20.9	0.095	0.109	0.051	0.059	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	462000	2310	1	26	19.9	18.9	0.611	0.769	0.253	0.319	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	462000	2310	25	14	19.9	18.8	0.627	0.808	0.260	0.335	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	462000	2310	1	26	19.9	18.9	0.273	0.344	0.125	0.157	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	462000	2310	25	14	19.9	18.8	0.264	0.340	0.120	0.155	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	462000	2310	1	26	19.9	18.9	0.026	0.033	0.008	0.010	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	462000	2310	25	14	19.9	18.8	0.020	0.026	0.005	0.006	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	462000	2310	1	26	19.9	18.9	0.754	**0.949**	0.320	0.403	75
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	462000	2310	25	14	19.9	18.8	0.700	0.902	0.298	0.384	

10.27. NR Band n41 PC3 (100MHz Bandwidth)

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	518598	2592.99	1	136	24.5	24.5	0.108	0.108	0.063	0.063	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	518598	2592.99	135	69	24.5	24.5	0.119	0.119	0.068	0.068	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	518598	2592.99	1	136	24.5	24.5	0.054	0.054	0.026	0.026	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	518598	2592.99	135	69	24.5	24.5	0.067	0.067	0.032	0.032	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	518598	2592.99	1	136	24.5	24.5	0.239	0.239	0.124	0.124	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	518598	2592.99	135	69	24.5	24.5	0.239	0.239	0.125	0.125	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	518598	2592.99	1	136	24.5	24.5	0.060	0.060	0.028	0.028	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	518598	2592.99	135	69	24.5	24.5	0.063	0.063	0.029	0.029	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	518598	2592.99	1	136	20.8	20.5	0.860	0.922	0.409	0.438	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	518598	2592.99	135	69	20.8	20.5	0.817	0.875	0.390	0.418	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	518598	2592.99	1	136	20.8	20.5	0.368	0.394	0.193	0.207	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	518598	2592.99	135	69	20.8	20.5	0.361	0.387	0.190	0.204	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	518598	2592.99	1	136	20.8	20.5	0.785	0.841	0.336	0.360	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	518598	2592.99	135	69	20.8	20.5	0.834	**0.894**	0.348	0.373	76
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	518598	2592.99	1	136	20.8	20.5	0.526	0.564	0.196	0.210	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	518598	2592.99	135	69	20.8	20.5	0.528	0.566	0.198	0.212	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	518598	2592.99	1	136	20.8	20.5	0.135	0.145	0.059	0.063	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	518598	2592.99	135	69	20.8	20.5	0.127	0.136	0.054	0.058	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**RB Allocation**	**RB Offset**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	518598	2592.99	1	136	18.6	17.9	0.472	0.555	0.175	0.206	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	518598	2592.99	135	69	18.6	17.8	0.477	0.573	0.186	0.224	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	518598	2592.99	1	136	18.6	17.9	0.499	0.586	0.181	0.213	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	518598	2592.99	135	69	18.6	17.8	0.515	0.619	0.190	0.228	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	518598	2592.99	1	136	18.6	17.9	0.783	**0.920**	0.335	0.394	77
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	518598	2592.99	135	69	18.6	17.8	0.764	0.919	0.327	0.393	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	518598	2592.99	1	136	18.6	17.9	0.588	0.691	0.233	0.274	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	518598	2592.99	135	69	18.6	17.8	0.572	0.688	0.227	0.273	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	518598	2592.99	1	136	19.2	18.7	0.815	0.914	0.312	0.350	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	518598	2592.99	135	69	19.2	18.6	0.811	**0.931**	0.309	0.355	78
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	518598	2592.99	1	136	19.2	18.7	0.362	0.406	0.165	0.185	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	518598	2592.99	135	69	19.2	18.6	0.293	0.336	0.137	0.157	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	518598	2592.99	1	136	19.2	18.7	0.313	0.351	0.124	0.139	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	518598	2592.99	135	69	19.2	18.6	0.299	0.343	0.119	0.137	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	518598	2592.99	1	136	19.2	18.7	0.028	0.031	0.015	0.017	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	518598	2592.99	135	69	19.2	18.6	0.025	0.029	0.013	0.015	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	518598	2592.99	1	136	19.2	18.7	0.720	0.808	0.313	0.351	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	518598	2592.99	135	69	19.2	18.6	0.717	0.823	0.309	0.355	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**RB Allocation**	**RB Offset**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	518598	2592.99	1	136	22.8	22.7	0.243	0.249	0.119	0.122	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	518598	2592.99	135	69	22.8	22.6	0.299	0.313	0.156	0.163	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	518598	2592.99	1	136	22.8	22.7	0.072	0.074	0.037	0.038	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	518598	2592.99	135	69	22.8	22.6	0.081	0.085	0.041	0.043	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	518598	2592.99	1	136	22.8	22.7	0.141	0.144	0.076	0.078	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	518598	2592.99	135	69	22.8	22.6	0.140	0.147	0.078	0.082	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	518598	2592.99	1	136	22.8	22.7	0.088	0.090	0.044	0.045	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	518598	2592.99	135	69	22.8	22.6	0.130	0.136	0.066	0.069	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	518598	2592.99	1	136	18.5	18.5	0.753	0.753	0.339	0.339	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	518598	2592.99	135	69	18.5	18.5	0.699	0.699	0.317	0.317	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	518598	2592.99	1	136	18.5	18.5	0.386	0.386	0.181	0.181	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	518598	2592.99	135	69	18.5	18.5	0.332	0.332	0.157	0.157	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	518598	2592.99	1	136	18.5	18.5	0.112	0.112	0.055	0.055	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	518598	2592.99	135	69	18.5	18.5	0.092	0.092	0.044	0.044	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	518598	2592.99	1	136	18.5	18.5	0.797	0.797	0.345	0.345	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	518598	2592.99	135	69	18.5	18.5	0.746	0.746	0.325	0.325	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**RB Allocation**	**RB Offset**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	518598	2592.99	1	136	19.1	17.8	0.495	0.668	0.203	0.274	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	518598	2592.99	135	69	19.1	17.8	0.509	0.687	0.211	0.285	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	518598	2592.99	1	136	19.1	17.8	0.122	0.165	0.060	0.081	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	518598	2592.99	135	69	19.1	17.8	0.133	0.179	0.066	0.089	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	518598	2592.99	1	136	19.1	17.8	0.155	0.209	0.078	0.105	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	518598	2592.99	135	69	19.1	17.8	0.165	0.223	0.083	0.112	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	518598	2592.99	1	136	19.1	17.8	0.042	0.057	0.020	0.027	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	518598	2592.99	135	69	19.1	17.8	0.045	0.061	0.022	0.030	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	518598	2592.99	1	136	18.8	17.4	0.501	0.692	0.208	0.287	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	518598	2592.99	135	69	18.8	17.4	0.505	0.697	0.210	0.290	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	518598	2592.99	1	136	18.8	17.4	0.258	0.356	0.111	0.153	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	518598	2592.99	135	69	18.8	17.4	0.265	0.366	0.112	0.155	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	518598	2592.99	1	136	18.8	17.4	0.038	0.052	0.019	0.026	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	518598	2592.99	135	69	18.8	17.4	0.040	0.055	0.020	0.028	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	518598	2592.99	1	136	18.8	17.4	0.631	0.871	0.251	0.346	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	518598	2592.99	135	69	18.8	17.4	0.640	0.883	0.255	0.352	

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	0.239	0.238	-0.4%	No
ANT 1	Body & Hotspot	50.0%	23.8	119.9	100.0%	20.8	120.2	0.922	0.919	-0.3%	No
ANT 1	Hotspot	50.0%	23.8	119.9	100.0%	20.8	120.2	0.894	0.891	-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%	21.6	72.3	100.0%	18.6	72.4	0.920	0.918	-0.2%	No
ANT 2	Body & Hotspot	50.0%	22.2	83.0	100.0%	19.2	83.2	0.931	0.929	-0.2%	No
ANT 2	Hotspot	50.0%	22.2	83.0	100.0%	19.2	83.2	0.823	0.821	-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%	25.8	190.1	100.0%	22.8	190.6	0.313	0.312	-0.3%	No
ANT 3	Body & Hotspot	50.0%	21.5	70.6	100.0%	18.5	70.8	0.753	0.751	-0.3%	No
ANT 3	Hotspot	50.0%	21.5	70.6	100.0%	18.5	70.8	0.797	0.795	-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 4	Head	50.0%	22.1	81.1	100.0%	19.1	81.3	0.687	0.685	-0.2%	No
ANT 4	Body & Hotspot	50.0%	21.8	75.7	100.0%	18.8	75.9	0.697	0.695	-0.3%	No
ANT 4	Hotspot	50.0%	21.8	75.7	100.0%	18.8	75.9	0.883	0.881	-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%.

10.29. NR Band n48 (100MHz Bandwidth)

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	642888	3643.32	1	53	23.0	22.8	0.065	0.068	0.026	0.027	
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	642888	3643.32	50	28	23.0	22.7	0.064	0.069	0.026	0.028	
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	642888	3643.32	1	53	23.0	22.8	0.057	0.060	0.022	0.023	
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	642888	3643.32	50	28	23.0	22.7	0.055	0.059	0.020	0.021	
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	642888	3643.32	1	53	23.0	22.8	0.124	0.130	0.047	0.049	
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	642888	3643.32	50	28	23.0	22.7	0.158	0.169	0.059	0.063	
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	642888	3643.32	1	53	23.0	22.8	0.027	0.028	0.011	0.012	
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	642888	3643.32	50	28	23.0	22.7	0.027	0.029	0.010	0.011	
ANT 7	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	642888	3643.32	1	53	20.8	20.4	0.506	0.555	0.216	0.237	
ANT 7	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	642888	3643.32	50	28	20.8	20.4	0.510	0.559	0.218	0.239	
ANT 7	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	642888	3643.32	1	53	20.8	20.4	0.246	0.270	0.094	0.103	
ANT 7	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	642888	3643.32	50	28	20.8	20.4	0.257	0.282	0.099	0.109	
ANT 7	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	642888	3643.32	1	53	20.8	20.4	0.822	0.901	0.307	0.337	
ANT 7	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	642888	3643.32	50	28	20.8	20.4	0.827	**0.907**	0.309	0.339	79
ANT 7	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	642888	3643.32	1	53	20.8	20.4	0.113	0.124	0.041	0.045	
ANT 7	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	642888	3643.32	50	28	20.8	20.4	0.125	0.137	0.046	0.050	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**RB Allocation**	**RB Offset**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	642888	3643.32	1	53	18.0	19.1	0.126	0.098	0.051	0.040	
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	642888	3643.32	50	28	18.0	19.1	0.130	0.101	0.054	0.042	
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	642888	3643.32	1	53	18.0	19.1	0.129	0.100	0.039	0.030	
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	642888	3643.32	50	28	18.0	19.1	0.134	0.104	0.040	0.031	
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	642888	3643.32	1	53	18.0	19.1	0.728	0.565	0.249	0.193	
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	642888	3643.32	50	28	18.0	19.1	0.740	0.574	0.253	0.196	
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	642888	3643.32	1	53	18.0	19.1	0.245	0.190	0.086	0.067	
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	642888	3643.32	50	28	18.0	19.1	0.233	0.181	0.083	0.064	
ANT 8	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	642888	3643.32	1	53	18.9	19.4	0.452	0.403	0.201	0.179	
ANT 8	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	642888	3643.32	50	28	18.9	19.4	0.399	0.356	0.175	0.156	
ANT 8	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	642888	3643.32	1	53	18.9	19.4	0.294	0.262	0.109	0.097	
ANT 8	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	642888	3643.32	50	28	18.9	19.4	0.240	0.214	0.091	0.081	
ANT 8	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	642888	3643.32	1	53	18.9	19.4	0.121	0.108	0.042	0.037	
ANT 8	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	642888	3643.32	50	28	18.9	19.4	0.123	0.110	0.044	0.039	
ANT 8	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	642888	3643.32	1	53	18.9	19.4	0.873	0.778	0.315	0.281	
ANT 8	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	642888	3643.32	50	28	18.9	19.4	0.887	0.791	0.320	0.285	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**RB Allocation**	**RB Offset**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	642888	3643.32	1	53	21.5	21.5	0.048	0.048	0.020	0.020	
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	642888	3643.32	50	28	21.5	21.5	0.050	0.050	0.020	0.020	
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	642888	3643.32	1	53	21.5	21.5	0.016	0.016	0.006	0.006	
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	642888	3643.32	50	28	21.5	21.5	0.016	0.016	0.006	0.006	
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	642888	3643.32	1	53	21.5	21.5	0.024	0.024	0.008	0.008	
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	642888	3643.32	50	28	21.5	21.5	0.022	0.022	0.008	0.008	
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	642888	3643.32	1	53	21.5	21.5	0.013	0.013	0.005	0.005	
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	642888	3643.32	50	28	21.5	21.5	0.016	0.016	0.006	0.006	
ANT 9	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	642888	3643.32	1	53	18.7	18.6	0.902	**0.923**	0.318	0.325	80
ANT 9	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	642888	3643.32	50	28	18.7	18.6	0.878	0.898	0.309	0.316	
ANT 9	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	642888	3643.32	1	53	18.7	18.6	0.632	0.647	0.221	0.226	
ANT 9	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	642888	3643.32	50	28	18.7	18.6	0.676	0.692	0.237	0.243	
ANT 9	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	642888	3643.32	1	53	18.7	18.6	0.779	0.797	0.273	0.279	
ANT 9	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	642888	3643.32	50	28	18.7	18.6	0.751	0.768	0.266	0.272	
ANT 9	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	642888	3643.32	1	53	18.7	18.6	0.582	0.596	0.215	0.220	
ANT 9	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	642888	3643.32	50	28	18.7	18.6	0.556	0.569	0.208	0.213	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**RB Allocation**	**RB Offset**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	642888	3643.32	1	53	21.2	20.1	0.714	**0.920**	0.287	0.370	81
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	642888	3643.32	50	28	21.2	20.2	0.674	0.849	0.271	0.341	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	642888	3643.32	1	53	21.2	20.1	0.581	0.748	0.224	0.289	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	642888	3643.32	50	28	21.2	20.2	0.528	0.665	0.211	0.266	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	642888	3643.32	1	53	21.2	20.1	0.157	0.202	0.065	0.084	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	642888	3643.32	50	28	21.2	20.2	0.140	0.176	0.058	0.073	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	642888	3643.32	1	53	21.2	20.1	0.191	0.246	0.080	0.103	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	642888	3643.32	50	28	21.2	20.2	0.155	0.195	0.064	0.081	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	642888	3643.32	1	53	19.7	19.3	0.834	0.914	0.317	0.348	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	642888	3643.32	50	28	19.7	19.3	0.823	0.902	0.316	0.346	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	642888	3643.32	1	53	19.7	19.3	0.227	0.249	0.090	0.099	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	642888	3643.32	50	28	19.7	19.3	0.225	0.247	0.089	0.098	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	642888	3643.32	1	53	19.7	19.3	0.134	0.147	0.056	0.061	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	642888	3643.32	50	28	19.7	19.3	0.158	0.173	0.064	0.070	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	642888	3643.32	1	53	19.7	19.3	0.496	0.544	0.193	0.212	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	642888	3643.32	50	28	19.7	19.3	0.489	0.536	0.189	0.207	

10.30. NR Band n53 (10MHz Bandwidth)

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	497840	2489.2	1	12	18.7	18.5	0.025	0.026	0.010	0.010	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	497840	2489.2	12	6	18.7	18.5	0.022	0.023	0.009	0.009	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	497840	2489.2	1	12	18.7	18.5	0.013	0.014	0.006	0.006	
ANT 1	Head	DFT-s-OFDM π/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 π/2 BPSK	Mode A	0	Right Cheek	497840	2489.2	1	12	18.7	18.5	0.056	0.059	0.028	0.029	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	497840	2489.2	12	6	18.7	18.5	0.054	0.057	0.027	0.028	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	497840	2489.2	1	12	18.7	18.5	0.011	0.012	0.005	0.005	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	497840	2489.2	12	6	18.7	18.5	0.013	0.014	0.007	0.007	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	497840	2489.2	1	12	18.7	18.5	0.362	0.379	0.180	0.188	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	497840	2489.2	12	6	18.7	18.5	0.360	0.377	0.178	0.186	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	497840	2489.2	1	12	18.7	18.5	0.196	0.205	0.098	0.103	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	497840	2489.2	12	6	18.7	18.5	0.203	0.213	0.101	0.106	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	497840	2489.2	1	12	18.7	18.5	0.399	0.418	0.169	0.177	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	497840	2489.2	12	6	18.7	18.5	0.409	0.428	0.172	0.180	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	497840	2489.2	1	12	18.7	18.5	0.205	0.215	0.079	0.083	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	497840	2489.2	12	6	18.7	18.5	0.216	0.226	0.083	0.087	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	497840	2489.2	1	12	18.7	18.5	0.055	0.058	0.025	0.026	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	497840	2489.2	12	6	18.7	18.5	0.055	0.058	0.024	0.025	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	497840	2489.2	1	12	19.0	18.8	0.394	0.413	0.160	0.168	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	497840	2489.2	12	6	19.0	18.7	0.415	0.445	0.167	0.179	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	497840	2489.2	1	12	19.0	18.8	0.444	0.465	0.175	0.183	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	497840	2489.2	12	6	19.0	18.7	0.469	0.503	0.187	0.200	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	497840	2489.2	1	12	19.0	18.8	0.868	**0.909**	0.399	0.418	82
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	497840	2489.2	12	6	19.0	18.7	0.812	0.870	0.375	0.402	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	497840	2489.2	1	12	19.0	18.8	0.720	0.754	0.292	0.306	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	497840	2489.2	12	6	19.0	18.7	0.715	0.766	0.293	0.314	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	497840	2489.2	1	12	19.6	18.2	0.633	**0.874**	0.258	0.356	83
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	497840	2489.2	12	6	19.6	18.2	0.625	0.863	0.256	0.353	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	497840	2489.2	1	12	19.6	18.2	0.272	0.375	0.123	0.170	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	497840	2489.2	12	6	19.6	18.2	0.268	0.370	0.121	0.167	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	497840	2489.2	1	12	19.6	18.2	0.284	0.392	0.111	0.153	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	497840	2489.2	12	6	19.6	18.2	0.274	0.378	0.108	0.149	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	497840	2489.2	1	12	19.6	18.2	0.022	0.030	0.011	0.015	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	497840	2489.2	12	6	19.6	18.2	0.021	0.029	0.010	0.014	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	497840	2489.2	1	12	19.6	18.2	0.538	**0.743**	0.250	0.345	84
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	497840	2489.2	12	6	19.6	18.2	0.527	0.727	0.243	0.335	

10.31. NR Band n66 (40MHz Bandwidth)

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	349000	1745	1	108	25.3	25.3	0.126	0.126	0.086	0.086	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	349000	1745	108	54	25.3	25.3	0.102	0.102	0.069	0.069	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	349000	1745	1	108	25.3	25.3	0.102	0.102	0.065	0.065	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	349000	1745	108	54	25.3	25.3	0.094	0.094	0.060	0.060	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	349000	1745	1	108	25.3	25.3	0.165	0.165	0.108	0.108	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	349000	1745	108	54	25.3	25.3	0.163	0.163	0.107	0.107	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	349000	1745	1	108	25.3	25.3	0.046	0.046	0.031	0.031	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	349000	1745	108	54	25.3	25.3	0.050	0.050	0.034	0.034	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	349000	1745	1	108	19.4	18.5	0.468	0.576	0.239	0.294	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	349000	1745	108	54	19.4	18.5	0.427	0.525	0.219	0.269	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	349000	1745	1	108	19.4	18.5	0.383	0.471	0.187	0.230	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	349000	1745	108	54	19.4	18.5	0.322	0.396	0.160	0.197	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	349000	1745	1	108	19.4	18.5	0.097	0.119	0.047	0.058	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	349000	1745	108	54	19.4	18.5	0.087	0.107	0.042	0.052	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	349000	1745	1	108	19.4	18.5	0.734	0.903	0.350	0.431	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	349000	1745	108	54	19.4	18.5	0.710	0.873	0.340	0.418	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	349000	1745	1	108	19.4	18.5	0.008	0.010	0.004	0.005	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	349000	1745	108	54	19.4	18.5	0.006	0.007	0.003	0.004	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**RB Allocation**	**RB Offset**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	349000	1745	1	108	19.6	19.1	0.498	0.559	0.239	0.268	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	349000	1745	108	54	19.6	19.1	0.497	0.558	0.240	0.269	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	349000	1745	1	108	19.6	19.1	0.543	0.609	0.259	0.291	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	349000	1745	108	54	19.6	19.1	0.526	0.590	0.253	0.284	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	349000	1745	1	108	19.6	19.1	0.703	0.789	0.340	0.381	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	349000	1745	108	54	19.6	19.1	0.733	0.822	0.354	0.397	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	349000	1745	1	108	19.6	19.1	0.805	0.903	0.374	0.420	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	349000	1745	108	54	19.6	19.1	0.834	0.936	0.385	0.432	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	349000	1745	1	108	19.7	18.8	0.572	0.704	0.285	0.351	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	349000	1745	108	54	19.7	18.8	0.644	0.792	0.324	0.399	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	349000	1745	1	108	19.7	18.8	0.466	0.573	0.224	0.276	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	349000	1745	108	54	19.7	18.8	0.455	0.560	0.222	0.273	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	349000	1745	1	108	19.7	18.8	0.737	**0.907**	0.331	0.407	85
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	349000	1745	108	54	19.7	18.8	0.718	0.883	0.320	0.394	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	349000	1745	1	108	19.7	18.8	0.015	0.018	0.008	0.010	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	349000	1745	108	54	19.7	18.8	0.014	0.017	0.007	0.009	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	349000	1745	1	108	19.7	18.8	0.205	0.252	0.104	0.128	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	349000	1745	108	54	19.7	18.8	0.187	0.230	0.096	0.118	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**RB Allocation**	**RB Offset**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	349000	1745	1	108	22.8	22.8	0.201	0.201	0.130	0.130	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	349000	1745	108	54	22.8	22.8	0.203	0.203	0.130	0.130	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	349000	1745	1	108	22.8	22.8	0.089	0.089	0.059	0.059	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	349000	1745	108	54	22.8	22.8	0.099	0.099	0.065	0.065	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	349000	1745	1	108	22.8	22.8	0.069	0.069	0.044	0.044	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	349000	1745	108	54	22.8	22.8	0.087	0.087	0.056	0.056	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	349000	1745	1	108	22.8	22.8	0.071	0.071	0.044	0.044	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	349000	1745	108	54	22.8	22.8	0.090	0.090	0.056	0.056	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	349000	1745	1	108	22.6	22.1	0.821	**0.921**	0.430	0.482	86
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	349000	1745	108	54	22.6	22.0	0.781	0.897	0.402	0.462	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	349000	1745	1	108	22.6	22.1	0.408	0.458	0.237	0.266	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	349000	1745	108	54	22.6	22.0	0.398	0.457	0.231	0.265	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	349000	1745	1	108	22.6	22.1	0.378	0.424	0.208	0.233	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	349000	1745	108	54	22.6	22.0	0.341	0.392	0.188	0.216	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	349000	1745	1	108	22.6	22.1	0.699	0.784	0.375	0.421	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	349000	1745	108	54	22.6	22.0	0.732	0.840	0.396	0.455	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**RB Allocation**	**RB Offset**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	349000	1745	1	108	20.7	19.8	0.715	0.880	0.396	0.487	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	349000	1745	108	54	20.7	19.8	0.767	**0.944**	0.422	0.519	87
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	349000	1745	1	108	20.7	19.8	0.500	0.615	0.260	0.320	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	349000	1745	108	54	20.7	19.8	0.406	0.499	0.214	0.263	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	349000	1745	1	108	20.7	19.8	0.266	0.327	0.162	0.199	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	349000	1745	108	54	20.7	19.8	0.262	0.322	0.160	0.197	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	349000	1745	1	108	20.7	19.8	0.238	0.293	0.146	0.180	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	349000	1745	108	54	20.7	19.8	0.227	0.279	0.137	0.169	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	349000	1745	1	108	22.4	21.1	0.674	0.909	0.357	0.482	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	349000	1745	108	54	22.4	21.1	0.653	0.881	0.347	0.468	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	349000	1745	1	108	22.4	21.1	0.341	0.460	0.193	0.260	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	349000	1745	108	54	22.4	21.1	0.307	0.414	0.175	0.236	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	349000	1745	1	108	22.4	21.1	0.437	0.589	0.203	0.274	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	349000	1745	108	54	22.4	21.1	0.396	0.534	0.181	0.244	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	349000	1745	1	108	22.4	21.1	0.657	0.886	0.324	0.437	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	349000	1745	108	54	22.4	21.1	0.609	0.822	0.304	0.410	

10.32. NR Band n70 (15MHz Bandwidth)

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	340500	1702.5	1	39	25.3	25.3	0.119	0.119	0.077	0.077	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	340500	1702.5	36	22	25.3	25.3	0.109	0.109	0.072	0.072	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	340500	1702.5	1	39	25.3	25.3	0.117	0.117	0.076	0.076	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	340500	1702.5	36	22	25.3	25.3	0.108	0.108	0.070	0.070	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	340500	1702.5	1	39	25.3	25.3	0.177	0.177	0.117	0.117	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	340500	1702.5	36	22	25.3	25.3	0.174	0.174	0.115	0.115	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	340500	1702.5	1	39	25.3	25.3	0.056	0.056	0.038	0.038	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	340500	1702.5	36	22	25.3	25.3	0.053	0.053	0.037	0.037	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	340500	1702.5	1	39	19.9	18.8	0.478	0.616	0.246	0.317	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	340500	1702.5	36	22	19.9	18.7	0.470	0.620	0.238	0.314	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	340500	1702.5	1	39	19.9	18.8	0.355	0.457	0.177	0.228	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	340500	1702.5	36	22	19.9	18.7	0.349	0.460	0.174	0.229	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	340500	1702.5	1	39	19.9	18.8	0.096	0.124	0.048	0.062	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	340500	1702.5	36	22	19.9	18.7	0.088	0.116	0.044	0.058	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	340500	1702.5	1	39	19.9	18.8	0.682	0.879	0.334	0.430	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	340500	1702.5	36	22	19.9	18.7	0.656	0.865	0.322	0.424	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	340500	1702.5	1	39	19.9	18.8	0.019	0.024	0.010	0.013	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	340500	1702.5	36	22	19.9	18.7	0.016	0.021	0.009	0.012	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**RB Allocation**	**RB Offset**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	340500	1702.5	1	39	20.4	20.4	0.599	0.599	0.294	0.294	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	340500	1702.5	36	22	20.4	20.4	0.533	0.533	0.262	0.262	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	340500	1702.5	1	39	20.4	20.4	0.766	0.766	0.376	0.376	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	340500	1702.5	36	22	20.4	20.4	0.731	0.731	0.359	0.359	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	340500	1702.5	1	39	20.4	20.4	0.837	0.837	0.406	0.406	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	340500	1702.5	36	22	20.4	20.4	0.853	0.853	0.411	0.411	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	340500	1702.5	1	39	20.4	20.4	0.919	0.919	0.433	0.433	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	340500	1702.5	36	22	20.4	20.4	0.846	0.846	0.399	0.399	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	340500	1702.5	1	39	20.3	20.2	0.542	0.555	0.269	0.275	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	340500	1702.5	36	22	20.3	20.0	0.516	0.553	0.257	0.275	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	340500	1702.5	1	39	20.3	20.2	0.422	0.432	0.202	0.207	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	340500	1702.5	36	22	20.3	20.0	0.442	0.474	0.209	0.224	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	340500	1702.5	1	39	20.3	20.2	0.894	0.915	0.406	0.415	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	340500	1702.5	36	22	20.3	20.0	0.871	**0.933**	0.395	0.423	88
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	340500	1702.5	1	39	20.3	20.2	0.029	0.030	0.015	0.015	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	340500	1702.5	36	22	20.3	20.0	0.028	0.030	0.015	0.016	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	340500	1702.5	1	39	20.3	20.2	0.106	0.108	0.056	0.057	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	340500	1702.5	36	22	20.3	20.0	0.120	0.129	0.061	0.065	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**RB Allocation**	**RB Offset**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	340500	1702.5	1	39	22.8	22.8	0.145	0.145	0.095	0.095	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	340500	1702.5	36	22	22.8	22.8	0.145	0.145	0.094	0.094	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	340500	1702.5	1	39	22.8	22.8	0.066	0.066	0.043	0.043	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	340500	1702.5	36	22	22.8	22.8	0.052	0.052	0.035	0.035	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	340500	1702.5	1	39	22.8	22.8	0.051	0.051	0.034	0.034	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	340500	1702.5	36	22	22.8	22.8	0.049	0.049	0.033	0.033	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	340500	1702.5	1	39	22.8	22.8	0.045	0.045	0.030	0.030	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	340500	1702.5	36	22	22.8	22.8	0.045	0.045	0.029	0.029	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	340500	1702.5	1	39	23.1	22.0	0.729	**0.939**	0.385	0.496	89
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	340500	1702.5	36	22	23.1	22.0	0.694	0.894	0.367	0.473	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	340500	1702.5	1	39	23.1	22.0	0.369	0.475	0.217	0.280	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	340500	1702.5	36	22	23.1	22.0	0.423	0.545	0.245	0.316	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	340500	1702.5	1	39	23.1	22.0	0.366	0.471	0.203	0.262	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	340500	1702.5	36	22	23.1	22.0	0.340	0.438	0.188	0.242	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	340500	1702.5	1	39	23.1	22.0	0.532	0.685	0.287	0.370	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	340500	1702.5	36	22	23.1	22.0	0.523	0.674	0.283	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	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	340500	1702.5	1	39	22.1	21.5	0.730	0.838	0.424	0.487	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	340500	1702.5	36	22	22.1	21.3	0.785	**0.944**	0.451	0.542	90
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	340500	1702.5	1	39	22.1	21.5	0.345	0.396	0.200	0.230	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	340500	1702.5	36	22	22.1	21.3	0.325	0.391	0.188	0.226	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	340500	1702.5	1	39	22.1	21.5	0.264	0.303	0.166	0.191	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	340500	1702.5	36	22	22.1	21.3	0.264	0.317	0.166	0.200	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	340500	1702.5	1	39	22.1	21.5	0.171	0.196	0.105	0.121	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	340500	1702.5	36	22	22.1	21.3	0.161	0.194	0.098	0.118	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	340500	1702.5	1	39	23.1	22.1	0.476	0.599	0.265	0.334	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	340500	1702.5	36	22	23.1	22.1	0.505	0.636	0.280	0.352	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	340500	1702.5	1	39	23.1	22.1	0.316	0.398	0.196	0.247	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	340500	1702.5	36	22	23.1	22.1	0.336	0.423	0.205	0.258	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	340500	1702.5	1	39	23.1	22.1	0.153	0.193	0.059	0.074	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	340500	1702.5	36	22	23.1	22.1	0.126	0.159	0.051	0.064	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	340500	1702.5	1	39	23.1	22.1	0.715	0.900	0.382	0.481	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	340500	1702.5	36	22	23.1	22.1	0.721	0.908	0.378	0.476	

10.33. NR Band n71 (20MHz Bandwidth)

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	136100	680.5	1	53	25.7	25.7	0.101	0.101	0.079	0.079	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	136100	680.5	50	28	25.7	25.7	0.107	0.107	0.084	0.084	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	136100	680.5	1	53	25.7	25.7	0.057	0.057	0.046	0.046	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	136100	680.5	50	28	25.7	25.7	0.056	0.056	0.046	0.046	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	136100	680.5	1	53	25.7	25.7	0.137	0.137	0.109	0.109	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	136100	680.5	50	28	25.7	25.7	0.135	0.135	0.107	0.107	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	136100	680.5	1	53	25.7	25.7	0.060	0.060	0.049	0.049	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	136100	680.5	50	28	25.7	25.7	0.062	0.062	0.050	0.050	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	136100	680.5	1	53	25.7	25.7	0.447	0.447	0.288	0.288	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	136100	680.5	50	28	25.7	25.7	0.459	0.459	0.297	0.297	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	136100	680.5	1	53	25.7	25.7	0.218	0.218	0.155	0.155	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	136100	680.5	50	28	25.7	25.7	0.199	0.199	0.143	0.143	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	136100	680.5	1	53	25.7	25.7	0.503	**0.503**	0.340	0.340	91
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	136100	680.5	50	28	25.7	25.7	0.503	0.503	0.338	0.338	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	136100	680.5	1	53	25.7	25.7	0.178	0.178	0.084	0.084	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	136100	680.5	50	28	25.7	25.7	0.162	0.162	0.075	0.075	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	136100	680.5	1	53	25.7	25.7	0.265	0.265	0.173	0.173	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	136100	680.5	50	28	25.7	25.7	0.263	0.263	0.172	0.172	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**RB Allocation**	**RB Offset**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	136100	680.5	1	53	24.7	24.5	0.641	0.671	0.366	0.383	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	136100	680.5	50	28	24.7	24.5	0.602	0.630	0.345	0.361	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	136100	680.5	1	53	24.7	24.5	0.593	0.621	0.297	0.311	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	136100	680.5	50	28	24.7	24.5	0.589	0.617	0.296	0.310	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	136100	680.5	1	53	24.7	24.5	0.783	**0.820**	0.448	0.469	92
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	136100	680.5	50	28	24.7	24.5	0.780	0.817	0.447	0.468	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	136100	680.5	1	53	24.7	24.5	0.488	0.511	0.265	0.277	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	136100	680.5	50	28	24.7	24.5	0.480	0.503	0.261	0.273	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	136100	680.5	1	53	24.7	24.5	0.546	**0.572**	0.309	0.324	93
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	136100	680.5	50	28	24.7	24.5	0.517	0.541	0.296	0.310	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	136100	680.5	1	53	24.7	24.5	0.225	0.236	0.144	0.151	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	136100	680.5	50	28	24.7	24.5	0.213	0.223	0.136	0.142	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	136100	680.5	1	53	24.7	24.5	0.210	0.220	0.099	0.104	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	136100	680.5	50	28	24.7	24.5	0.206	0.216	0.098	0.103	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	136100	680.5	1	53	24.7	24.5	0.126	0.132	0.084	0.088	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	136100	680.5	50	28	24.7	24.5	0.127	0.133	0.085	0.089	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	136100	680.5	1	53	24.7	24.5	0.247	0.259	0.163	0.171	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	136100	680.5	50	28	24.7	24.5	0.255	0.267	0.168	0.176	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**RB Allocation**	**RB Offset**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	136100	680.5	1	53	25.4	25.4	0.068	0.068	0.054	0.054	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	136100	680.5	50	28	25.4	25.4	0.061	0.061	0.049	0.049	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	136100	680.5	1	53	25.4	25.4	0.040	0.040	0.033	0.033	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	136100	680.5	50	28	25.4	25.4	0.039	0.039	0.032	0.032	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	136100	680.5	1	53	25.4	25.4	0.052	0.052	0.042	0.042	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	136100	680.5	50	28	25.4	25.4	0.052	0.052	0.042	0.042	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	136100	680.5	1	53	25.4	25.4	0.038	0.038	0.032	0.032	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	136100	680.5	50	28	25.4	25.4	0.039	0.039	0.032	0.032	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	136100	680.5	1	53	25.4	25.4	0.383	0.385	0.205	0.206	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	136100	680.5	50	28	25.4	25.4	0.333	0.333	0.179	0.179	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	136100	680.5	1	53	25.4	25.4	0.252	0.253	0.128	0.129	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	136100	680.5	50	28	25.4	25.4	0.240	0.240	0.129	0.129	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	136100	680.5	1	53	25.4	25.4	0.255	0.256	0.102	0.102	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	136100	680.5	50	28	25.4	25.4	0.247	0.247	0.099	0.099	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	136100	680.5	1	53	25.4	25.4	0.393	0.395	0.198	0.199	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	136100	680.5	50	28	25.4	25.4	0.391	0.391	0.192	0.192	

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

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	633332	3499.98	1	136	22.8	22.6	0.045	0.047	0.013	0.014	
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	633332	3499.98	135	69	22.8	22.7	0.045	0.046	0.014	0.014	
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	633332	3499.98	1	136	22.8	22.6	0.045	0.047	0.011	0.012	
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	633332	3499.98	135	69	22.8	22.7	0.035	0.036	0.007	0.007	
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	633332	3499.98	1	136	22.8	22.6	0.215	0.225	0.080	0.084	
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	633332	3499.98	135	69	22.8	22.7	0.210	0.215	0.078	0.080	
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	633332	3499.98	1	136	22.8	22.6	0.013	0.014	0.000	0.000	
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	633332	3499.98	135	69	22.8	22.7	0.011	0.011	0.000	0.000	
ANT 7	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	633332	3499.98	1	136	20.8	20.1	0.657	0.772	0.257	0.302	
ANT 7	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	633332	3499.98	135	69	20.8	20.1	0.623	0.732	0.246	0.289	
ANT 7	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	633332	3499.98	1	136	20.8	20.1	0.275	0.323	0.099	0.116	
ANT 7	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	633332	3499.98	135	69	20.8	20.1	0.257	0.302	0.106	0.125	
ANT 7	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	633332	3499.98	1	136	20.8	20.1	0.778	0.914	0.299	0.351	
ANT 7	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	633332	3499.98	135	69	20.8	20.1	0.744	0.874	0.288	0.338	
ANT 7	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	633332	3499.98	1	136	20.8	20.1	0.260	0.305	0.092	0.108	
ANT 7	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	633332	3499.98	135	69	20.8	20.1	0.289	0.340	0.100	0.117	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**RB Allocation**	**RB Offset**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	633332	3499.98	1	136	18.7	18.2	0.159	0.178	0.067	0.075	
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	633332	3499.98	135	69	18.7	18.2	0.167	0.187	0.070	0.079	
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	633332	3499.98	1	136	18.7	18.2	0.123	0.138	0.037	0.042	
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	633332	3499.98	135	69	18.7	18.2	0.172	0.193	0.056	0.063	
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	633332	3499.98	1	136	18.7	18.2	0.778	0.873	0.285	0.320	
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	633332	3499.98	135	69	18.7	18.2	0.808	0.907	0.296	0.332	
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	633332	3499.98	1	136	18.7	18.2	0.330	0.370	0.122	0.137	
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	633332	3499.98	135	69	18.7	18.2	0.321	0.360	0.119	0.134	
ANT 8	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	633332	3499.98	1	136	18.1	17.1	0.351	0.442	0.155	0.195	
ANT 8	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	633332	3499.98	135	69	18.1	17.1	0.359	0.452	0.159	0.200	
ANT 8	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	633332	3499.98	1	136	18.1	17.1	0.291	0.366	0.112	0.141	
ANT 8	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	633332	3499.98	135	69	18.1	17.1	0.300	0.378	0.115	0.145	
ANT 8	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	633332	3499.98	1	136	18.1	17.1	0.135	0.170	0.049	0.062	
ANT 8	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	633332	3499.98	135	69	18.1	17.1	0.145	0.183	0.051	0.064	
ANT 8	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	633332	3499.98	1	136	18.1	17.1	0.738	**0.929**	0.268	0.337	94
ANT 8	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	633332	3499.98	135	69	18.1	17.1	0.689	0.867	0.251	0.316	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**RB Allocation**	**RB Offset**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	633332	3499.98	1	136	18.5	18.5	0.086	0.086	0.033	0.033	
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	633332	3499.98	135	69	18.5	18.5	0.084	0.084	0.030	0.030	
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	633332	3499.98	1	136	18.5	18.5	0.027	0.027	0.011	0.011	
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	633332	3499.98	135	69	18.5	18.5	0.027	0.027	0.011	0.011	
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	633332	3499.98	1	136	18.5	18.5	0.074	0.074	0.035	0.035	
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	633332	3499.98	135	69	18.5	18.5	0.075	0.075	0.035	0.035	
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	633332	3499.98	1	136	18.5	18.5	0.045	0.045	0.019	0.019	
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	633332	3499.98	135	69	18.5	18.5	0.046	0.046	0.019	0.019	
ANT 9	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	633332	3499.98	1	136	17.4	17.3	0.880	0.900	0.303	0.310	
ANT 9	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	633332	3499.98	135	69	17.4	17.3	0.897	**0.918**	0.310	0.317	95
ANT 9	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	633332	3499.98	1	136	17.4	17.3	0.712	0.729	0.250	0.256	
ANT 9	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	633332	3499.98	135	69	17.4	17.3	0.739	0.756	0.259	0.265	
ANT 9	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	633332	3499.98	1	136	17.4	17.3	0.737	0.754	0.255	0.261	
ANT 9	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	633332	3499.98	135	69	17.4	17.3	0.725	0.742	0.250	0.256	
ANT 9	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	633332	3499.98	1	136	17.4	17.3	0.509	0.521	0.189	0.193	
ANT 9	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	633332	3499.98	135	69	17.4	17.3	0.524	0.536	0.194	0.199	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**RB Allocation**	**RB Offset**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	633332	3499.98	1	136	21.0	20.0	0.734	0.924	0.288	0.363	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	633332	3499.98	135	69	21.0	20.0	0.735	**0.925**	0.288	0.363	96
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	633332	3499.98	1	136	21.0	20.0	0.436	0.549	0.170	0.214	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	633332	3499.98	135	69	21.0	20.0	0.426	0.536	0.167	0.210	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	633332	3499.98	1	136	21.0	20.0	0.194	0.244	0.076	0.096	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	633332	3499.98	135	69	21.0	20.0	0.211	0.266	0.086	0.108	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	633332	3499.98	1	136	21.0	20.0	0.219	0.276	0.090	0.113	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	633332	3499.98	135	69	21.0	20.0	0.225	0.283	0.093	0.117	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	633332	3499.98	1	136	19.9	19.5	0.743	0.815	0.287	0.315	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	633332	3499.98	135	69	19.9	19.5	0.768	0.842	0.295	0.323	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	633332	3499.98	1	136	19.9	19.5	0.197	0.216	0.084	0.092	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	633332	3499.98	135	69	19.9	19.5	0.190	0.208	0.079	0.087	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	633332	3499.98	1	136	19.9	19.5	0.129	0.141	0.053	0.058	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	633332	3499.98	135	69	19.9	19.5	0.126	0.138	0.053	0.058	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	633332	3499.98	1	136	19.9	19.5	0.543	0.595	0.220	0.241	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	633332	3499.98	135	69	19.9	19.5	0.535	0.587	0.214	0.235	

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

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	657200	3858	1	136	22.8	22.7	0.019	0.019	0.000	0.000	
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	657200	3858	135	69	22.8	22.8	0.013	0.013	0.000	0.000	
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	657200	3858	1	136	22.8	22.7	0.014	0.014	0.000	0.000	
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	657200	3858	135	69	22.8	22.8	0.008	0.008	0.000	0.000	
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	657200	3858	1	136	22.8	22.7	0.068	0.070	0.025	0.026	
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	657200	3858	135	69	22.8	22.8	0.069	0.069	0.016	0.016	
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	657200	3858	1	136	22.8	22.7	0.003	0.003	0.000	0.000	
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	657200	3858	135	69	22.8	22.8	0.006	0.006	0.000	0.000	
ANT 7	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	657200	3858	1	136	20.8	20.1	0.706	0.829	0.302	0.355	
ANT 7	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	657200	3858	135	69	20.8	20.1	0.721	0.847	0.316	0.371	
ANT 7	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	657200	3858	1	136	20.8	20.1	0.158	0.186	0.060	0.070	
ANT 7	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	657200	3858	135	69	20.8	20.1	0.196	0.230	0.077	0.090	
ANT 7	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	657200	3858	1	136	20.8	20.1	0.360	0.423	0.142	0.167	
ANT 7	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	657200	3858	135	69	20.8	20.1	0.391	0.459	0.154	0.181	
ANT 7	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	657200	3858	1	136	20.8	20.1	0.082	0.096	0.030	0.035	
ANT 7	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	657200	3858	135	69	20.8	20.1	0.135	0.159	0.044	0.052	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**RB Allocation**	**RB Offset**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	657200	3858	1	136	18.7	18.5	0.139	0.146	0.043	0.045	
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	657200	3858	135	69	18.7	18.5	0.130	0.136	0.041	0.043	
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	657200	3858	1	136	18.7	18.5	0.149	0.156	0.048	0.050	
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	657200	3858	135	69	18.7	18.5	0.147	0.154	0.049	0.051	
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	657200	3858	1	136	18.7	18.5	0.549	0.575	0.195	0.204	
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	657200	3858	135	69	18.7	18.5	0.524	0.549	0.187	0.196	
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	657200	3858	1	136	18.7	18.5	0.442	0.463	0.144	0.151	
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	657200	3858	135	69	18.7	18.5	0.475	0.497	0.160	0.168	
ANT 8	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	657200	3858	1	136	18.1	17.4	0.365	0.429	0.156	0.183	
ANT 8	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	657200	3858	135	69	18.1	17.4	0.354	0.416	0.151	0.177	
ANT 8	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	657200	3858	1	136	18.1	17.4	0.256	0.301	0.097	0.114	
ANT 8	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	657200	3858	135	69	18.1	17.4	0.261	0.307	0.099	0.116	
ANT 8	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	657200	3858	1	136	18.1	17.4	0.010	0.012	0.000	0.000	
ANT 8	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	657200	3858	135	69	18.1	17.4	0.006	0.007	0.000	0.000	
ANT 8	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	657200	3858	1	136	18.1	17.4	0.547	0.643	0.186	0.219	
ANT 8	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	657200	3858	135	69	18.1	17.4	0.538	0.632	0.183	0.215	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**RB Allocation**	**RB Offset**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	657200	3858	1	136	18.5	18.5	0.009	0.009	0.000	0.000	
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	657200	3858	135	69	18.5	18.5	0.009	0.009	0.001	0.001	
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	657200	3858	1	136	18.5	18.5	0.000	0.009	0.000	0.000	
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	657200	3858	135	69	18.5	18.5	0.000	0.009	0.000	0.001	
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	657200	3858	1	136	18.5	18.5	0.008	0.008	0.000	0.000	
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	657200	3858	135	69	18.5	18.5	0.020	0.020	0.002	0.002	
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	657200	3858	1	136	18.5	18.5	0.005	0.005	0.000	0.000	
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	657200	3858	135	69	18.5	18.5	0.004	0.004	0.000	0.000	
ANT 9	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	657200	3858	1	136	17.4	17.4	0.349	0.349	0.141	0.141	
ANT 9	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	657200	3858	135	69	17.4	17.4	0.348	0.348	0.137	0.137	
ANT 9	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	657200	3858	1	136	17.4	17.4	0.144	0.144	0.052	0.052	
ANT 9	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	657200	3858	135	69	17.4	17.4	0.142	0.142	0.053	0.053	
ANT 9	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	657200	3858	1	136	17.4	17.4	0.372	0.372	0.140	0.140	
ANT 9	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	657200	3858	135	69	17.4	17.4	0.351	0.351	0.132	0.132	
ANT 9	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	657200	3858	1	136	17.4	17.4	0.104	0.104	0.042	0.042	
ANT 9	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	657200	3858	135	69	17.4	17.4	0.105	0.105	0.042	0.042	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**RB Allocation**	**RB Offset**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	657200	3858	1	136	21.0	20.1	0.593	0.730	0.213	0.262	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	657200	3858	135	69	21.0	20.0	0.679	**0.855**	0.233	0.293	97
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	657200	3858	1	136	21.0	20.1	0.572	0.704	0.193	0.237	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	657200	3858	135	69	21.0	20.0	0.550	0.692	0.186	0.234	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	657200	3858	1	136	21.0	20.1	0.149	0.183	0.060	0.074	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	657200	3858	135	69	21.0	20.0	0.146	0.184	0.058	0.073	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	657200	3858	1	136	21.0	20.1	0.172	0.212	0.068	0.084	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	657200	3858	135	69	21.0	20.0	0.146	0.184	0.058	0.073	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	657200	3858	1	136	19.9	19.5	0.822	0.901	0.283	0.310	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	657200	3858	135	69	19.9	19.5	0.813	**0.891**	0.284	0.311	98
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	657200	3858	1	136	19.9	19.5	0.077	0.084	0.029	0.032	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	657200	3858	135	69	19.9	19.5	0.075	0.082	0.026	0.029	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	657200	3858	1	136	19.9	19.5	0.058	0.064	0.022	0.024	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	657200	3858	135	69	19.9	19.5	0.044	0.048	0.016	0.018	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	657200	3858	1	136	19.9	19.5	0.708	0.776	0.271	0.297	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	657200	3858	135	69	19.9	19.5	0.740	**0.811**	0.285	0.312	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	0.225	0.225	-0.1%	No
ANT 7	Body & Hotspot	50.0%	23.8	119.9	100.0%	20.8	120.2	0.847	0.845	-0.2%	No
ANT 7	Hotspot	50.0%	23.8	119.9	100.0%	20.8	120.2	0.914	0.912	-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	0.907	0.905	-0.2%	No
ANT 8	Body & Hotspot	50.0%	21.1	64.4	100.0%	18.1	64.6	0.452	0.451	-0.2%	No
ANT 8	Hotspot	50.0%	21.1	64.4	100.0%	18.1	64.6	0.929	0.927	-0.2%	No
Antenna	RF Exposure Condition	FR1 n77 PC2			FR1 n77 PC3				PC2 Linearly scaled Reported SAR (W/kg)	Linearly scaled (<10%)	Testing Required
		Duty Cycle (%)	Max Output Power	Frame Avg Pwr (mW)	Duty Cycle (%)	Max Output Power	Frame Avg Pwr (mW)	Reported SAR (W/kg)			
ANT 9	Head	50.0%	21.5	70.6	100.0%	18.5	70.8	0.349	0.348	-0.3%	No
ANT 9	Body & Hotspot	50.0%	20.4	54.8	100.0%	17.4	55.0	0.918	0.916	-0.2%	No
ANT 9	Hotspot	50.0%	20.4	54.8	100.0%	17.4	55.0	0.754	0.752	-0.3%	No
Antenna	RF Exposure Condition	FR1 n77 PC2			FR1 n77 PC3				PC2 Linearly scaled Reported SAR (W/kg)	Linearly scaled (<10%)	Testing Required
		Duty Cycle (%)	Max Output Power	Frame Avg Pwr (mW)	Duty Cycle (%)	Max Output Power	Frame Avg Pwr (mW)	Reported SAR (W/kg)			
ANT 4	Head	50.0%	24	125.6	100.0%	21	125.9	0.925	0.923	-0.2%	No
ANT 4	Body & Hotspot	50.0%	22.9	97.5	100.0%	19.9	97.7	0.842	0.840	-0.2%	No
ANT 4	Hotspot	50.0%	22.9	97.5	100.0%	19.9	97.7	0.811	0.809	-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	11	2462	99.84%	0.128	21.50	20.08	0.128	0.178	0.068	0.094	
ANT 3	Head	802.11b	Power State 1 Mode A	0	Left Tilt	11	2462	99.84%	0.045	21.50	20.08					
ANT 3	Head	802.11b	Power State 1 Mode A	0	Right Cheek	11	2462	99.84%	0.058	21.50	20.08					
ANT 3	Head	802.11b	Power State 1 Mode A	0	Right Tilt	11	2462	99.84%	0.051	21.50	20.08					
ANT 3	Body & Hotspot	802.11b	Power State 1 Mode B	5	Back	2	2417	99.84%	0.711	21.50	19.98	0.768	**1.092**	0.323	0.459	103
ANT 3	Body & Hotspot	802.11b	Power State 1 Mode B	5	Back	6	2437	99.84%	0.706	21.50	19.88	0.723	1.052	0.300	0.436	
ANT 3	Body & Hotspot	802.11b	Power State 1 Mode B	5	Back	11	2462	99.84%	0.839	21.50	20.08	0.662	0.920	0.319	0.443	
ANT 3	Body & Hotspot	802.11b	Power State 1 Mode B	5	Front	11	2462	99.84%	0.333	21.50	20.08	0.345	0.479	0.176	0.244	
ANT 3	Hotspot	802.11b	Power State 1 Mode B	5	Edge Bottom	11	2462	99.84%	0.223	21.50	20.08					
ANT 3	Hotspot	802.11b	Power State 1 Mode B	5	Edge Left	11	2462	99.84%	0.564	21.50	20.08	0.564	0.783	0.253	0.351	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**Duty Cycle (%)**	**Area Scan Max. SAR (W/kg)**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 4	Head	802.11b	Power State 1 Mode A	0	Left Cheek	2	2417	99.84%	0.750	21.50	20.56	0.791	0.984	0.331	0.412	
ANT 4	Head	802.11b	Power State 1 Mode A	0	Left Cheek	6	2437	99.84%	0.754	21.50	20.83	0.815	0.952	0.342	0.400	
ANT 4	Head	802.11b	Power State 1 Mode A	0	Left Cheek	11	2462	99.84%	0.729	21.50	20.72	0.821	**0.984**	0.341	0.409	104
ANT 4	Head	802.11b	Power State 1 Mode A	0	Left Tilt	6	2437	99.84%	0.201	21.50	20.83	0.212	0.248	0.105	0.123	
ANT 4	Head	802.11b	Power State 1 Mode A	0	Right Cheek	6	2437	99.84%	0.163	21.50	20.83					
ANT 4	Head	802.11b	Power State 1 Mode A	0	Right Tilt	6	2437	99.84%	0.058	21.50	20.83					
ANT 4	Body & Hotspot	802.11b	Power State 1 Mode B	5	Back	2	2417	99.84%	0.790	21.50	20.56	0.832	1.035	0.345	0.429	
ANT 4	Body & Hotspot	802.11b	Power State 1 Mode B	5	Back	6	2437	99.84%	0.793	21.50	20.83	0.830	0.970	0.344	0.402	
ANT 4	Body & Hotspot	802.11b	Power State 1 Mode B	5	Back	11	2462	99.84%	0.751	21.50	20.72	0.801	0.960	0.332	0.398	
ANT 4	Body & Hotspot	802.11b	Power State 1 Mode B	5	Front	6	2437	99.84%	0.408	21.50	20.83	0.403	0.471	0.178	0.208	
ANT 4	Hotspot	802.11b	Power State 1 Mode B	5	Edge Top	6	2437	99.84%	0.035	21.50	20.83					
ANT 4	Hotspot	802.11b	Power State 1 Mode B	5	Edge Right	2	2417	99.84%	0.805	21.50	20.56	0.791	0.984	0.331	0.412	
ANT 4	Hotspot	802.11b	Power State 1 Mode B	5	Edge Right	6	2437	99.84%	0.941	21.50	20.83	0.923	1.079	0.379	0.443	
ANT 4	Hotspot	802.11b	Power State 1 Mode B	5	Edge Right	11	2462	99.84%	0.965	21.50	20.72	0.954	**1.144**	0.389	0.466	105

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%	0.088	17.50	17.24	0.091	0.097	0.048	0.051	
ANT 3	Head	802.11b	Power State 4 Mode A	0	Left Tilt	11	2462	99.84%	0.028	17.50	17.24					
ANT 3	Head	802.11b	Power State 4 Mode A	0	Right Cheek	11	2462	99.84%	0.035	17.50	17.24					
ANT 3	Head	802.11b	Power State 4 Mode A	0	Right Tilt	11	2462	99.84%	0.031	17.50	17.24					
ANT 3	Body & Hotspot	802.11b	Power State 4 Mode B	5	Back	11	2462	99.84%	0.274	17.50	17.24	0.408	0.434	0.171	0.182	
ANT 3	Body & Hotspot	802.11b	Power State 4 Mode B	5	Front	11	2462	99.84%	0.211	17.50	17.24	0.215	0.229	0.110	0.117	
ANT 3	Hotspot	802.11b	Power State 4 Mode B	5	Edge Bottom	11	2462	99.84%	0.117	17.50	17.24					
ANT 3	Hotspot	802.11b	Power State 4 Mode B	5	Edge Left	11	2462	99.84%	0.351	17.50	17.24	0.410	0.436	0.177	0.188	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**Duty Cycle (%)**	**Area Scan Max. SAR (W/kg)**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 4	Head	802.11b	Power State 4 Mode A	0	Left Cheek	6	2437	99.84%	0.291	17.50	16.43	0.314	0.402	0.129	0.165	
ANT 4	Head	802.11b	Power State 4 Mode A	0	Left Tilt	6	2437	99.84%	0.087	17.50	16.43	0.090	0.115	0.044	0.056	
ANT 4	Head	802.11b	Power State 4 Mode A	0	Right Cheek	6	2437	99.84%	0.068	17.50	16.43					
ANT 4	Head	802.11b	Power State 4 Mode A	0	Right Tilt	6	2437	99.84%	0.025	17.50	16.43					
ANT 4	Body & Hotspot	802.11b	Power State 4 Mode B	5	Back	6	2437	99.84%	0.221	17.50	16.32	0.226	0.297	0.095	0.125	
ANT 4	Body & Hotspot	802.11b	Power State 4 Mode B	5	Front	6	2437	99.84%	0.155	17.50	16.32					
ANT 4	Hotspot	802.11b	Power State 4 Mode B	5	Edge Top	6	2437	99.84%	0.013	17.50	16.32					
ANT 4	Hotspot	802.11b	Power State 4 Mode B	5	Edge Right	6	2437	99.84%	0.352	17.50	16.32	0.343	0.451	0.141	0.185	

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Duty Cycle (%)	Area Scan Max. SAR (W/kg)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 3	Head	802.11b	Power State 5 Mode A	0	Left Cheek	11	2462	99.84%	0.128	21.00	20.08	0.128	0.158	0.068	0.084	
ANT 3	Head	802.11b	Power State 5 Mode A	0	Left Tilt	11	2462	99.84%	0.045	21.00	20.08					
ANT 3	Head	802.11b	Power State 5 Mode A	0	Right Cheek	11	2462	99.84%	0.058	21.00	20.08					
ANT 3	Head	802.11b	Power State 5 Mode A	0	Right Tilt	11	2462	99.84%	0.051	21.00	20.08					
ANT 3	Body & Hotspot	802.11b	Power State 5 Mode B	5	Back	2	2417	99.84%	0.711	21.00	19.98	0.768	0.973	0.323	0.409	
ANT 3	Body & Hotspot	802.11b	Power State 5 Mode B	5	Back	6	2437	99.84%	0.706	21.00	19.88	0.723	0.937	0.300	0.389	
ANT 3	Body & Hotspot	802.11b	Power State 5 Mode B	5	Back	11	2462	99.84%	0.839	21.00	20.08	0.662	0.820	0.319	0.395	
ANT 3	Body & Hotspot	802.11b	Power State 5 Mode B	5	Front	11	2462	99.84%	0.333	21.00	20.08	0.345	0.427	0.176	0.218	
ANT 3	Hotspot	802.11b	Power State 5 Mode B	5	Edge Bottom	11	2462	99.84%	0.223	21.00	20.08					
ANT 3	Hotspot	802.11b	Power State 5 Mode B	5	Edge Left	11	2462	99.84%	0.564	21.00	20.08	0.564	0.698	0.253	0.313	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**Duty Cycle (%)**	**Area Scan Max. SAR (W/kg)**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 4	Head	802.11b	Power State 5 Mode A	0	Left Cheek	2	2417	99.84%	0.750	21.00	20.56	0.791	0.877	0.331	0.367	
ANT 4	Head	802.11b	Power State 5 Mode A	0	Left Cheek	6	2437	99.84%	0.754	21.00	20.83	0.815	0.849	0.342	0.356	
ANT 4	Head	802.11b	Power State 5 Mode A	0	Left Cheek	11	2462	99.84%	0.729	21.00	20.72	0.821	0.877	0.341	0.364	
ANT 4	Head	802.11b	Power State 5 Mode A	0	Left Tilt	6	2437	99.84%	0.201	21.00	20.83	0.212	0.221	0.105	0.109	
ANT 4	Head	802.11b	Power State 5 Mode A	0	Right Cheek	6	2437	99.84%	0.163	21.00	20.83					
ANT 4	Head	802.11b	Power State 5 Mode A	0	Right Tilt	6	2437	99.84%	0.058	21.00	20.83					
ANT 4	Body & Hotspot	802.11b	Power State 5 Mode B	5	Back	2	2417	99.84%	0.790	21.00	20.56	0.832	0.922	0.345	0.382	
ANT 4	Body & Hotspot	802.11b	Power State 5 Mode B	5	Back	6	2437	99.84%	0.793	21.00	20.83	0.830	0.865	0.344	0.358	
ANT 4	Body & Hotspot	802.11b	Power State 5 Mode B	5	Back	11	2462	99.84%	0.751	21.00	20.72	0.801	0.856	0.332	0.355	
ANT 4	Body & Hotspot	802.11b	Power State 5 Mode B	5	Front	6	2437	99.84%	0.408	21.00	20.83	0.403	0.420	0.178	0.185	
ANT 4	Hotspot	802.11b	Power State 5 Mode B	5	Edge Top	6	2437	99.84%	0.035	21.00	20.83					
ANT 4	Hotspot	802.11b	Power State 5 Mode B	5	Edge Right	2	2417	99.84%	0.805	21.00	20.56	0.791	0.877	0.331	0.367	
ANT 4	Hotspot	802.11b	Power State 5 Mode B	5	Edge Right	6	2437	99.84%	0.941	21.00	20.83	0.923	0.961	0.379	0.395	
ANT 4	Hotspot	802.11b	Power State 5 Mode B	5	Edge Right	11	2462	99.84%	0.965	21.00	20.72	0.954	1.019	0.389	0.416	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**Duty Cycle (%)**	**Area Scan Max. SAR (W/kg)**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 3	Head	802.11b	Power State 6 Mode A	0	Left Cheek	11	2462	99.84%	0.088	16.50	16.21	0.091	0.097	0.048	0.051	
ANT 3	Head	802.11b	Power State 6 Mode A	0	Left Tilt	11	2462	99.84%	0.028	16.50	16.21					
ANT 3	Head	802.11b	Power State 6 Mode A	0	Right Cheek	11	2462	99.84%	0.035	16.50	16.21					
ANT 3	Head	802.11b	Power State 6 Mode A	0	Right Tilt	11	2462	99.84%	0.031	16.50	16.21					
ANT 3	Body & Hotspot	802.11b	Power State 6 Mode B	5	Back	11	2462	99.84%	0.274	16.50	16.21	0.306	0.328	0.143	0.153	
ANT 3	Body & Hotspot	802.11b	Power State 6 Mode B	5	Front	11	2462	99.84%	0.211	16.50	16.21					
ANT 3	Hotspot	802.11b	Power State 6 Mode B	5	Edge Bottom	11	2462	99.84%	0.117	16.50	16.21					
ANT 3	Hotspot	802.11b	Power State 6 Mode B	5	Edge Left	11	2462	99.84%	0.351	16.50	16.21					
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**Duty Cycle (%)**	**Area Scan Max. SAR (W/kg)**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 4	Head	802.11b	Power State 6 Mode A	0	Left Cheek	6	2437	99.84%	0.291	16.50	16.43	0.314	0.320	0.129	0.131	
ANT 4	Head	802.11b	Power State 6 Mode A	0	Left Tilt	6	2437	99.84%	0.087	16.50	16.43	0.090	0.092	0.044	0.045	
ANT 4	Head	802.11b	Power State 6 Mode A	0	Right Cheek	6	2437	99.84%	0.068	16.50	16.43					
ANT 4	Head	802.11b	Power State 6 Mode A	0	Right Tilt	6	2437	99.84%	0.025	16.50	16.43					
ANT 4	Body & Hotspot	802.11b	Power State 6 Mode B	5	Back	6	2437	99.84%	0.221	16.50	16.32	0.226	0.236	0.095	0.099	
ANT 4	Body & Hotspot	802.11b	Power State 6 Mode B	5	Front	6	2437	99.84%	0.155	16.50	16.32					
ANT 4	Hotspot	802.11b	Power State 6 Mode B	5	Edge Top	6	2437	99.84%	0.013	16.50	16.32					
ANT 4	Hotspot	802.11b	Power State 6 Mode B	5	Edge Right	6	2437	99.84%	0.352	16.50	16.32	0.343	0.358	0.141	0.147	

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

UNII-1 &2A

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

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

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Duty Cycle (%)	Area Scan Max. SAR (W/kg)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 5	Head	802.11n (HT40)	Power State 1 Mode A	0	Left Cheek	54	5270	95.62%	0.109	20.50	19.05	0.107	0.156	0.030	0.044	
ANT 5	Head	802.11n (HT40)	Power State 1 Mode A	0	Left Tilt	54	5270	95.62%	0.001	20.50	19.05					
ANT 5	Head	802.11n (HT40)	Power State 1 Mode A	0	Right Cheek	54	5270	95.62%	0.049	20.50	19.05					
ANT 5	Head	802.11n (HT40)	Power State 1 Mode A	0	Right Tilt	54	5270	95.62%	0.001	20.50	19.05					
ANT 5	Body & Hotspot	802.11n (HT40)	Power State 1 Mode B	5	Back	54	5270	95.62%	0.652	20.50	19.05	0.779	**1.138**	0.227	0.331	106
ANT 5	Body & Hotspot	802.11n (HT40)	Power State 1 Mode B	5	Back	62	5310	95.62%	0.293	17.00	15.54	0.358	0.524	0.106	0.155	
ANT 5	Body & Hotspot	802.11n (HT40)	Power State 1 Mode B	5	Front	54	5270	95.62%	0.093	20.50	19.05	0.117	0.171	0.023	0.034	
ANT 5	Hotspot	802.11n (HT40)	Power State 1 Mode B	5	Edge Bottom	54	5270	95.62%	0.019	20.50	19.05					
ANT 5	Hotspot	802.11n (HT40)	Power State 1 Mode B	5	Edge Left	54	5270	95.62%	0.442	20.50	19.05	0.465	**0.679**	0.152	0.222	107
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**Duty Cycle (%)**	**Area Scan Max. SAR (W/kg)**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 6	Head	802.11n (HT40)	Power State 1 Mode A	0	Left Cheek	54	5270	95.62%	0.360	20.50	19.57					
ANT 6	Head	802.11n (HT40)	Power State 1 Mode A	0	Left Tilt	54	5270	95.62%	0.393	20.50	19.57	0.354	0.459	0.121	0.157	
ANT 6	Head	802.11n (HT40)	Power State 1 Mode A	0	Right Cheek	54	5270	95.62%	0.416	20.50	19.57	0.848	**1.099**	0.323	0.418	108
ANT 6	Head	802.11n (HT40)	Power State 1 Mode A	0	Right Cheek	62	5310	95.62%	0.347	17.00	15.54	0.359	0.525	0.126	0.184	
ANT 6	Head	802.11n (HT40)	Power State 1 Mode A	0	Right Tilt	54	5270	95.62%	0.720	20.50	19.57	0.757	0.981	0.257	0.333	
ANT 6	Head	802.11n (HT40)	Power State 1 Mode A	0	Right Tilt	62	5310	95.62%	0.336	17.00	15.54	0.390	0.571	0.119	0.174	
ANT 6	Body & Hotspot	802.11n (HT40)	Power State 1 Mode B	5	Back	54	5270	95.62%	0.657	18.50	17.12	0.744	1.069	0.228	0.328	
ANT 6	Body & Hotspot	802.11n (HT40)	Power State 1 Mode B	5	Back	62	5310	95.62%	0.459	17.00	15.54	0.513	0.751	0.150	0.220	
ANT 6	Body & Hotspot	802.11n (HT40)	Power State 1 Mode B	5	Front	54	5270	95.62%	0.170	18.50	17.12	0.151	0.217	0.049	0.070	
ANT 6	Hotspot	802.11n (HT40)	Power State 1 Mode B	5	Edge Top	54	5270	95.62%	0.170	18.50	17.12					
ANT 6	Hotspot	802.11n (HT40)	Power State 1 Mode B	5	Edge Left	54	5270	95.62%	0.382	18.50	17.12	0.402	0.578	0.112	0.161	

Note(s):

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	95.62%	0.076	20.50	19.30					
ANT 5	Head	802.11n (HT40)	Power State 4 Mode A	0	Left Tilt	46	5230	95.62%	0.008	20.50	19.30					
ANT 5	Head	802.11n (HT40)	Power State 4 Mode A	0	Right Cheek	46	5230	95.62%	0.093	20.50	19.30	0.126	0.174	0.024	0.033	
ANT 5	Head	802.11n (HT40)	Power State 4 Mode A	0	Right Tilt	46	5230	95.62%	0.022	20.50	19.30					
ANT 5	Body & Hotspot	802.11n (HT40)	Power State 4 Mode B	5	Back	46	5230	95.62%	0.365	17.75	18.09	0.431	0.417	0.116	0.112	
ANT 5	Body & Hotspot	802.11n (HT40)	Power State 4 Mode B	5	Front	46	5230	95.62%	0.092	17.75	18.09	0.113	0.109	0.030	0.029	
ANT 5	Hotspot	802.11n (HT40)	Power State 4 Mode B	5	Edge Bottom	46	5230	95.62%	0.036	17.75	18.09					
ANT 5	Hotspot	802.11n (HT40)	Power State 4 Mode B	5	Edge Left	46	5230	95.62%	0.291	17.75	18.09	0.309	0.299	0.090	0.087	
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	42	5210	91.75%	0.082	16.50	15.07					
ANT 6	Head	802.11ac (VHT80)	Power State 4 Mode A	0	Left Tilt	42	5210	91.75%	0.076	16.50	15.07					
ANT 6	Head	802.11ac (VHT80)	Power State 4 Mode A	0	Right Cheek	42	5210	91.75%	0.177	16.50	15.07	0.181	0.274	0.063	0.095	
ANT 6	Head	802.11ac (VHT80)	Power State 4 Mode A	0	Right Tilt	42	5210	91.75%	0.123	16.50	15.07					

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	Body & Hotspot	802.11ac (VHT160)	Power State 4 Mode B	5	Back	50	5250	95.38%	0.324	14.75	13.57	0.324	0.446	0.105	0.144	
ANT 6	Body & Hotspot	802.11ac (VHT160)	Power State 4 Mode B	5	Front	50	5250	95.38%	0.076	14.75	13.57	0.071	0.098	0.028	0.039	
ANT 6	Hotspot	802.11ac (VHT160)	Power State 4 Mode B	5	Edge Top	50	5250	95.38%	0.046	14.75	13.57					
ANT 6	Hotspot	802.11ac (VHT160)	Power State 4 Mode B	5	Edge Left	50	5250	95.38%	0.143	14.75	13.57	0.153	0.210	0.045	0.062	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**Duty Cycle (%)**	**Area Scan Max. SAR (W/kg)**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 5	Head	802.11n (HT40)	Power State 5 Mode A	0	Left Cheek	54	5270	95.62%	0.109	20.00	19.05	0.107	0.139	0.030	0.039	
ANT 5	Head	802.11n (HT40)	Power State 5 Mode A	0	Left Tilt	54	5270	95.62%	0.001	20.00	19.05					
ANT 5	Head	802.11n (HT40)	Power State 5 Mode A	0	Right Cheek	54	5270	95.62%	0.049	20.00	19.05					
ANT 5	Head	802.11n (HT40)	Power State 5 Mode A	0	Right Tilt	54	5270	95.62%	0.001	20.00	19.05					
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	Body & Hotspot	802.11n (HT40)	Power State 5 Mode B	5	Back	38	5190	95.62%	0.285	17.50	17.05	0.356	0.413	0.095	0.110	
ANT 5	Body & Hotspot	802.11n (HT40)	Power State 5 Mode B	5	Back	46	5230	95.62%	0.395	20.50	19.86	0.749	0.908	0.215	0.261	
ANT 5	Body & Hotspot	802.11n (HT40)	Power State 5 Mode B	5	Front	46	5230	95.62%	0.166	20.50	19.86	0.225	0.273	0.058	0.070	
ANT 5	Hotspot	802.11n (HT40)	Power State 5 Mode B	5	Edge Bottom	46	5230	95.62%	0.021	20.50	19.86					
ANT 5	Hotspot	802.11n (HT40)	Power State 5 Mode B	5	Edge Left	46	5230	95.62%	0.363	20.50	19.86	0.508	0.616	0.160	0.194	
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	95.62%	0.360	20.00	19.57					
ANT 6	Head	802.11n (HT40)	Power State 5 Mode A	0	Left Tilt	54	5270	95.62%	0.393	20.00	19.57	0.354	0.409	0.121	0.140	
ANT 6	Head	802.11n (HT40)	Power State 5 Mode A	0	Right Cheek	54	5270	95.62%	0.416	20.00	19.57	0.848	0.979	0.323	0.373	
ANT 6	Head	802.11n (HT40)	Power State 5 Mode A	0	Right Cheek	62	5310	95.62%	0.347	17.00	15.54	0.359	0.525	0.126	0.184	
ANT 6	Head	802.11n (HT40)	Power State 5 Mode A	0	Right Tilt	54	5270	95.62%	0.720	20.00	19.57	0.757	0.874	0.257	0.297	
ANT 6	Head	802.11n (HT40)	Power State 5 Mode A	0	Right Tilt	62	5310	95.62%	0.336	17.00	15.54	0.390	0.571	0.119	0.174	
ANT 6	Body & Hotspot	802.11n (HT40)	Power State 5 Mode B	5	Back	54	5270	95.62%	0.657	18.00	17.12	0.744	0.953	0.228	0.292	
ANT 6	Body & Hotspot	802.11n (HT40)	Power State 5 Mode B	5	Back	62	5310	95.62%	0.459	17.00	15.54	0.513	0.751	0.150	0.220	
ANT 6	Body & Hotspot	802.11n (HT40)	Power State 5 Mode B	5	Front	54	5270	95.62%	0.170	18.00	17.12	0.151	0.193	0.049	0.063	
ANT 6	Hotspot	802.11n (HT40)	Power State 5 Mode B	5	Edge Top	54	5270	95.62%	0.170	18.00	17.12					
ANT 6	Hotspot	802.11n (HT40)	Power State 5 Mode B	5	Edge Left	54	5270	95.62%	0.382	18.00	17.12	0.402	0.515	0.112	0.143	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**Duty Cycle (%)**	**Area Scan Max. SAR (W/kg)**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 5	Head	802.11n (HT40)	Power State 6 Mode A	0	Left Cheek	46	5230	95.62%	0.076	19.50	19.30					
ANT 5	Head	802.11n (HT40)	Power State 6 Mode A	0	Left Tilt	46	5230	95.62%	0.008	19.50	19.30					
ANT 5	Head	802.11n (HT40)	Power State 6 Mode A	0	Right Cheek	46	5230	95.62%	0.093	19.50	19.30	0.126	0.138	0.024	0.026	
ANT 5	Head	802.11n (HT40)	Power State 6 Mode A	0	Right Tilt	46	5230	95.62%	0.022	19.50	19.30					
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 6 Mode B	5	Back	42	5210	91.75%	0.365	16.75	16.40	0.305	0.360	0.085	0.100	
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 6 Mode B	5	Front	42	5210	91.75%	0.092	16.75	16.40					
ANT 5	Hotspot	802.11ac (VHT80)	Power State 6 Mode B	5	Edge Bottom	42	5210	91.75%	0.036	16.75	16.40					
ANT 5	Hotspot	802.11ac (VHT80)	Power State 6 Mode B	5	Edge Left	42	5210	91.75%	0.291	16.75	16.40					
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	91.75%	0.082	15.50	15.07					
ANT 6	Head	802.11ac (VHT80)	Power State 6 Mode A	0	Left Tilt	42	5210	91.75%	0.076	15.50	15.07					
ANT 6	Head	802.11ac (VHT80)	Power State 6 Mode A	0	Right Cheek	42	5210	91.75%	0.177	15.50	15.07	0.181	0.218	0.063	0.076	
ANT 6	Head	802.11ac (VHT80)	Power State 6 Mode A	0	Right Tilt	42	5210	91.75%	0.123	15.50	15.07					
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	Body & Hotspot	802.11ac (VHT160)	Power State 6 Mode B	5	Back	50	5250	98.21%	0.324	13.75	13.57	0.324	0.344	0.105	0.111	
ANT 6	Body & Hotspot	802.11ac (VHT160)	Power State 6 Mode B	5	Front	50	5250	98.21%	0.076	13.75	13.57	0.071	0.075	0.028	0.030	
ANT 6	Hotspot	802.11ac (VHT160)	Power State 6 Mode B	5	Edge Top	50	5250	98.21%	0.046	13.75	13.57					
ANT 6	Hotspot	802.11ac (VHT160)	Power State 6 Mode B	5	Edge Left	50	5250	98.21%	0.143	13.75	13.57	0.153	0.162	0.045	0.048	

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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	91.75%	0.036	20.50	19.33	0.033	0.047	0.008	0.011	
ANT 5	Head	802.11ac (VHT80)	Power State 1 Mode A	0	Left Tilt	122	5610	91.75%	0.040	20.50	19.33					
ANT 5	Head	802.11ac (VHT80)	Power State 1 Mode A	0	Right Cheek	122	5610	91.75%	0.011	20.50	19.33					
ANT 5	Head	802.11ac (VHT80)	Power State 1 Mode A	0	Right Tilt	122	5610	91.75%	0.003	20.50	19.33					
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	Back	106	5530	91.75%	0.311	16.00	14.71	0.349	0.512	0.108	0.158	
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	Back	122	5610	91.75%	0.970	19.25	19.25	1.040	**1.134**	0.316	0.344	109
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	Back	138	5690	91.75%	0.854	19.25	19.01	0.906	1.044	0.277	0.319	
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	Front	122	5610	91.75%	0.128	19.25	19.25	0.121	0.132	0.039	0.043	
ANT 5	Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	Edge Bottom	122	5610	91.75%	0.057	19.25	19.25					
ANT 5	Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	Edge Left	122	5610	91.75%	0.390	19.25	19.25	0.424	0.462	0.141	0.154	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**Duty Cycle (%)**	**Area Scan Max. SAR (W/kg)**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 6	Head	802.11ac (VHT80)	Power State 1 Mode A	0	Left Cheek	122	5610	91.75%	0.314	20.50	19.63					
ANT 6	Head	802.11ac (VHT80)	Power State 1 Mode A	0	Left Tilt	122	5610	91.75%	0.348	20.50	19.63	0.349	0.465	0.116	0.154	
ANT 6	Head	802.11ac (VHT80)	Power State 1 Mode A	0	Right Cheek	122	5610	91.75%	0.746	20.50	19.63	0.821	**1.093**	0.300	0.399	110
ANT 6	Head	802.11ac (VHT80)	Power State 1 Mode A	0	Right Cheek	138	5690	91.75%	0.564	20.50	19.44	0.634	0.882	0.206	0.287	
ANT 6	Head	802.11ac (VHT80)	Power State 1 Mode A	0	Right Tilt	122	5610	91.75%	0.554	20.50	19.63	0.729	0.971	0.240	0.320	
ANT 6	Head	802.11ac (VHT80)	Power State 1 Mode A	0	Right Tilt	138	5690	91.75%	0.454	20.50	19.44	0.481	0.669	0.144	0.200	
ANT 6	Body & Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	Back	122	5610	91.75%	0.693	19.75	18.61	0.763	1.081	0.221	0.313	
ANT 6	Body & Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	Back	138	5690	91.75%	0.533	19.75	18.54	0.601	0.866	0.156	0.225	
ANT 6	Body & Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	Front	122	5610	91.75%	0.349	19.75	18.61	0.335	0.475	0.104	0.147	
ANT 6	Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	Edge Top	122	5610	91.75%	0.196	19.75	18.61					
ANT 6	Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	Edge Left	122	5610	91.75%	0.605	19.75	18.61	0.637	**0.903**	0.196	0.278	111
ANT 6	Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	Edge Left	138	5690	91.75%	0.399	19.75	18.54	0.499	0.719	0.139	0.200	

Note(s):

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	91.75%	0.028	18.00	16.46	0.025	0.039	0.003	0.005	
ANT 5	Head	802.11ac (VHT80)	Power State 4 Mode A	0	Left Tilt	122	5610	91.75%	0.003	18.00	16.46					
ANT 5	Head	802.11ac (VHT80)	Power State 4 Mode A	0	Right Cheek	122	5610	91.75%	0.009	18.00	16.46					
ANT 5	Head	802.11ac (VHT80)	Power State 4 Mode A	0	Right Tilt	122	5610	91.75%	0.001	18.00	16.46					
ANT 5	Body & Hotspot	802.11ac (VHT160)	Power State 4 Mode B	5	Back	114	5570	98.21%	0.284	15.25	14.10	0.332	0.441	0.090	0.119	
ANT 5	Body & Hotspot	802.11ac (VHT160)	Power State 4 Mode B	5	Front	114	5570	98.21%	0.014	15.25	14.10	0.017	0.023	0.000	0.000	
ANT 5	Hotspot	802.11ac (VHT160)	Power State 4 Mode B	5	Edge Bottom	114	5570	98.21%	0.001	15.25	14.10					
ANT 5	Hotspot	802.11ac (VHT160)	Power State 4 Mode B	5	Edge Left	114	5570	98.21%	0.117	15.25	14.10	0.120	0.159	0.028	0.037	
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 4 Mode A	0	Left Cheek	114	5570	95.38%	0.072	15.00	14.00					
ANT 6	Head	802.11ac (VHT160)	Power State 4 Mode A	0	Left Tilt	114	5570	95.38%	0.071	15.00	14.00					
ANT 6	Head	802.11ac (VHT160)	Power State 4 Mode A	0	Right Cheek	114	5570	95.38%	0.256	15.00	14.00	0.270	0.356	0.098	0.129	
ANT 6	Head	802.11ac (VHT160)	Power State 4 Mode A	0	Right Tilt	114	5570	95.38%	0.270	15.00	14.00	0.336	0.443	0.102	0.135	
ANT 6	Body & Hotspot	802.11ac (VHT160)	Power State 4 Mode B	5	Back	114	5570	95.38%	0.317	15.75	14.68	0.333	0.447	0.091	0.122	
ANT 6	Body & Hotspot	802.11ac (VHT160)	Power State 4 Mode B	5	Front	114	5570	95.38%	0.133	15.75	14.68	0.124	0.166	0.037	0.050	
ANT 6	Hotspot	802.11ac (VHT160)	Power State 4 Mode B	5	Edge Top	114	5570	95.38%	0.057	15.75	14.68					
ANT 6	Hotspot	802.11ac (VHT160)	Power State 4 Mode B	5	Edge Left	114	5570	95.38%	0.248	15.75	14.68	0.255	0.342	0.076	0.102	

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Duty Cycle (%)	Area Scan Max. SAR (W/kg)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 5	Head	802.11ac (VHT80)	Power State 5 Mode A	0	Left Cheek	122	5610	91.75%	0.036	20.00	19.33	0.033	0.042	0.008	0.010	
ANT 5	Head	802.11ac (VHT80)	Power State 5 Mode A	0	Left Tilt	122	5610	91.75%	0.040	20.00	19.33					
ANT 5	Head	802.11ac (VHT80)	Power State 5 Mode A	0	Right Cheek	122	5610	91.75%	0.011	20.00	19.33					
ANT 5	Head	802.11ac (VHT80)	Power State 5 Mode A	0	Right Tilt	122	5610	91.75%	0.003	20.00	19.33					
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Back	106	5530	91.75%	0.311	16.00	14.71	0.349	0.512	0.108	0.158	
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Back	122	5610	91.75%	0.938	18.75	18.70	0.989	1.090	0.296	0.326	
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Back	138	5690	91.75%	0.854	18.75	18.70	0.906	0.999	0.277	0.305	
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Front	122	5610	91.75%	0.119	18.75	18.70	0.132	0.146	0.033	0.036	
ANT 5	Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Edge Bottom	122	5610	91.75%	0.057	18.75	18.45					
ANT 5	Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Edge Left	122	5610	91.75%	0.398	18.75	18.45	0.415	0.485	0.125	0.146	
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	91.75%	0.314	20.00	19.63					
ANT 6	Head	802.11ac (VHT80)	Power State 5 Mode A	0	Left Tilt	122	5610	91.75%	0.387	20.00	19.63	0.349	0.414	0.117	0.139	
ANT 6	Head	802.11ac (VHT80)	Power State 5 Mode A	0	Right Cheek	122	5610	91.75%	0.746	20.00	19.63	0.821	0.974	0.300	0.356	
ANT 6	Head	802.11ac (VHT80)	Power State 5 Mode A	0	Right Cheek	138	5690	91.75%	0.564	20.00	19.44	0.634	0.786	0.206	0.255	
ANT 6	Head	802.11ac (VHT80)	Power State 5 Mode A	0	Right Tilt	122	5610	91.75%	0.554	20.00	19.63	0.729	0.865	0.240	0.285	
ANT 6	Head	802.11ac (VHT80)	Power State 5 Mode A	0	Right Tilt	138	5690	91.75%	0.454	20.00	19.44	0.481	0.596	0.144	0.179	
ANT 6	Body & Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Back	122	5610	91.75%	0.693	19.25	18.61	0.763	0.964	0.221	0.279	
ANT 6	Body & Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Back	138	5690	91.75%	0.533	19.25	18.54	0.601	0.771	0.156	0.200	
ANT 6	Body & Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Front	122	5610	91.75%	0.349	19.25	18.61	0.335	0.423	0.104	0.131	
ANT 6	Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Edge Top	122	5610	91.75%	0.196	19.25	18.61					
ANT 6	Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Edge Left	122	5610	91.75%	0.605	19.25	18.61	0.637	0.805	0.196	0.248	
ANT 6	Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Edge Left	138	5690	91.75%	0.399	19.25	18.54	0.499	0.640	0.139	0.178	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Duty Cycle (%)	Area Scan Max. SAR (W/kg)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 5	Head	802.11ac (VHT80)	Power State 6 Mode A	0	Left Cheek	122	5610	91.75%	0.028	17.00	16.46	0.025	0.031	0.003	0.004	
ANT 5	Head	802.11ac (VHT80)	Power State 6 Mode A	0	Left Tilt	122	5610	91.75%	0.003	17.00	16.46					
ANT 5	Head	802.11ac (VHT80)	Power State 6 Mode A	0	Right Cheek	122	5610	91.75%	0.009	17.00	16.46					
ANT 5	Head	802.11ac (VHT80)	Power State 6 Mode A	0	Right Tilt	122	5610	91.75%	0.001	17.00	16.46					
ANT 5	Body & Hotspot	802.11ac (VHT160)	Power State 6 Mode B	5	Back	114	5570	98.21%	0.284	14.25	14.10	0.332	0.350	0.090	0.095	
ANT 5	Body & Hotspot	802.11ac (VHT160)	Power State 6 Mode B	5	Front	114	5570	98.21%	0.014	14.25	14.10	0.017	0.018	0.000	0.000	
ANT 5	Hotspot	802.11ac (VHT160)	Power State 6 Mode B	5	Edge Bottom	114	5570	98.21%	0.001	14.25	14.10					
ANT 5	Hotspot	802.11ac (VHT160)	Power State 6 Mode B	5	Edge Left	114	5570	98.21%	0.117	14.25	14.10	0.120	0.126	0.028	0.030	
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	98.21%	0.072	14.00	14.00					
ANT 6	Head	802.11ac (VHT160)	Power State 6 Mode A	0	Left Tilt	114	5570	98.21%	0.071	14.00	14.00					
ANT 6	Head	802.11ac (VHT160)	Power State 6 Mode A	0	Right Cheek	114	5570	98.21%	0.256	14.00	14.00	0.270	0.275	0.098	0.100	
ANT 6	Head	802.11ac (VHT160)	Power State 6 Mode A	0	Right Tilt	114	5570	98.21%	0.270	14.00	14.00	0.336	0.342	0.102	0.104	
ANT 6	Body & Hotspot	802.11ac (VHT160)	Power State 6 Mode B	5	Back	114	5570	98.21%	0.317	14.75	14.68	0.333	0.345	0.091	0.094	
ANT 6	Body & Hotspot	802.11ac (VHT160)	Power State 6 Mode B	5	Front	114	5570	98.21%	0.133	14.75	14.68	0.124	0.128	0.037	0.038	
ANT 6	Hotspot	802.11ac (VHT160)	Power State 6 Mode B	5	Edge Top	114	5570	98.21%	0.057	14.75	14.68					
ANT 6	Hotspot	802.11ac (VHT160)	Power State 6 Mode B	5	Edge Left	114	5570	98.21%	0.248	14.75	14.68	0.255	0.264	0.076	0.079	

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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	91.75%	0.009	20.50	19.72	0.003	0.004	0.001	0.001	
ANT 5	Head	802.11ac (VHT80)	Power State 1 Mode A	0	Left Tilt	155	5775	91.75%	0.001	20.50	19.72					
ANT 5	Head	802.11ac (VHT80)	Power State 1 Mode A	0	Right Cheek	155	5775	91.75%	0.001	20.50	19.72					
ANT 5	Head	802.11ac (VHT80)	Power State 1 Mode A	0	Right Tilt	155	5775	91.75%	0.001	20.50	19.72					
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	Back	155	5775	91.75%	0.925	20.25	19.72	0.947	**1.166**	0.301	0.371	112
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	Front	155	5775	91.75%	0.088	20.25	19.72	0.071	0.087	0.026	0.032	
ANT 5	Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	Edge Bottom	155	5775	91.75%	0.077	20.25	19.72					
ANT 5	Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	Edge Left	155	5775	91.75%	0.445	20.25	19.72	0.439	0.541	0.142	0.175	
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	91.75%	0.117	20.50	19.67					
ANT 6	Head	802.11ac (VHT80)	Power State 1 Mode A	0	Left Tilt	155	5775	91.75%	0.171	20.50	19.67					
ANT 6	Head	802.11ac (VHT80)	Power State 1 Mode A	0	Right Cheek	155	5775	91.75%	0.665	20.50	19.67	0.689	**0.909**	0.227	0.300	113
ANT 6	Head	802.11ac (VHT80)	Power State 1 Mode A	0	Right Tilt	155	5775	91.75%	0.484	20.50	19.67	0.490	0.647	0.165	0.218	
ANT 6	Body & Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	Back	155	5775	91.75%	0.677	19.75	18.48	0.770	1.124	0.196	0.286	
ANT 6	Body & Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	Front	155	5775	91.75%	0.176	19.75	18.48	0.177	0.258	0.058	0.085	
ANT 6	Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	Edge Top	155	5775	91.75%	0.135	19.75	18.48					
ANT 6	Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	Edge Left	155	5775	91.75%	0.466	19.75	18.48	0.481	**0.702**	0.150	0.219	114

Note(s):

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	91.75%	0.009	18.75	17.31	0.006	0.009	0.000	0.000	
ANT 5	Head	802.11ac (VHT80)	Power State 4 Mode A	0	Left Tilt	155	5775	91.75%	0.005	18.75	17.31					
ANT 5	Head	802.11ac (VHT80)	Power State 4 Mode A	0	Right Cheek	155	5775	91.75%	0.008	18.75	17.31					
ANT 5	Head	802.11ac (VHT80)	Power State 4 Mode A	0	Right Tilt	155	5775	91.75%	0.005	18.75	17.31					
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 4 Mode B	5	Back	155	5775	91.75%	0.358	15.75	15.17	0.369	0.460	0.106	0.132	
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 4 Mode B	5	Front	155	5775	91.75%	0.044	15.75	15.17	0.037	0.046	0.012	0.015	
ANT 5	Hotspot	802.11ac (VHT80)	Power State 4 Mode B	5	Edge Bottom	155	5775	91.75%	0.070	15.75	15.17					
ANT 5	Hotspot	802.11ac (VHT80)	Power State 4 Mode B	5	Edge Left	155	5775	91.75%	0.260	15.75	15.17	0.284	0.354	0.096	0.120	
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	91.75%	0.053	15.50	13.50					
ANT 6	Head	802.11ac (VHT80)	Power State 4 Mode A	0	Left Tilt	155	5775	91.75%	0.064	15.50	13.50					
ANT 6	Head	802.11ac (VHT80)	Power State 4 Mode A	0	Right Cheek	155	5775	91.75%	0.189	15.50	13.50	0.193	0.333	0.052	0.090	
ANT 6	Head	802.11ac (VHT80)	Power State 4 Mode A	0	Right Tilt	155	5775	91.75%	0.064	15.50	13.50					
ANT 6	Body & Hotspot	802.11ac (VHT80)	Power State 4 Mode B	5	Back	155	5775	91.75%	0.262	16.25	15.35	0.337	0.452	0.085	0.114	
ANT 6	Body & Hotspot	802.11ac (VHT80)	Power State 4 Mode B	5	Front	155	5775	91.75%	0.105	16.25	15.35	0.098	0.131	0.032	0.043	
ANT 6	Hotspot	802.11ac (VHT80)	Power State 4 Mode B	5	Edge Top	155	5775	91.75%	0.043	16.25	15.35					
ANT 6	Hotspot	802.11ac (VHT80)	Power State 4 Mode B	5	Edge Left	155	5775	91.75%	0.252	16.25	15.35	0.256	0.343	0.074	0.099	

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	91.75%	0.009	20.00	19.72	0.003	0.003	0.001	0.001	
ANT 5	Head	802.11ac (VHT80)	Power State 5 Mode A	0	Left Tilt	155	5775	91.75%	0.001	20.00	19.72					
ANT 5	Head	802.11ac (VHT80)	Power State 5 Mode A	0	Right Cheek	155	5775	91.75%	0.001	20.00	19.72					
ANT 5	Head	802.11ac (VHT80)	Power State 5 Mode A	0	Right Tilt	155	5775	91.75%	0.001	20.00	19.72					
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Back	155	5775	91.75%	0.925	19.75	19.72	0.947	1.039	0.301	0.330	
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Front	155	5775	91.75%	0.088	19.75	19.72	0.071	0.078	0.026	0.029	
ANT 5	Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Edge Bottom	155	5775	91.75%	0.077	19.75	19.72					
ANT 5	Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Edge Left	155	5775	91.75%	0.445	19.75	19.72	0.439	0.482	0.142	0.156	
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	155	5775	91.75%	0.117	20.00	19.67					
ANT 6	Head	802.11ac (VHT80)	Power State 5 Mode A	0	Left Tilt	155	5775	91.75%	0.171	20.00	19.67					
ANT 6	Head	802.11ac (VHT80)	Power State 5 Mode A	0	Right Cheek	155	5775	91.75%	0.665	20.00	19.67	0.689	0.810	0.227	0.267	
ANT 6	Head	802.11ac (VHT80)	Power State 5 Mode A	0	Right Tilt	155	5775	91.75%	0.484	20.00	19.67	0.490	0.576	0.165	0.194	
ANT 6	Body & Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Back	155	5775	91.75%	0.677	19.25	18.48	0.770	1.002	0.196	0.255	
ANT 6	Body & Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Front	155	5775	91.75%	0.176	19.25	18.48	0.177	0.230	0.058	0.075	
ANT 6	Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Edge Top	155	5775	91.75%	0.135	19.25	18.48					
ANT 6	Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Edge Left	155	5775	91.75%	0.466	19.25	18.48	0.481	0.626	0.150	0.195	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Duty Cycle (%)	Area Scan Max. SAR (W/kg)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 5	Head	802.11ac (VHT80)	Power State 6 Mode A	0	Left Cheek	155	5775	91.75%	0.009	17.75	17.31	0.006	0.007	0.000	0.000	
ANT 5	Head	802.11ac (VHT80)	Power State 6 Mode A	0	Left Tilt	155	5775	91.75%	0.005	17.75	17.31					
ANT 5	Head	802.11ac (VHT80)	Power State 6 Mode A	0	Right Cheek	155	5775	91.75%	0.008	17.75	17.31					
ANT 5	Head	802.11ac (VHT80)	Power State 6 Mode A	0	Right Tilt	155	5775	91.75%	0.005	17.75	17.31					
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 6 Mode B	5	Back	155	5775	91.75%	0.358	14.75	14.53	0.314	0.360	0.092	0.105	
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 6 Mode B	5	Front	155	5775	91.75%	0.044	14.75	14.53	0.037	0.042	0.012	0.014	
ANT 5	Hotspot	802.11ac (VHT80)	Power State 6 Mode B	5	Edge Bottom	155	5775	91.75%	0.070	14.75	14.53					
ANT 5	Hotspot	802.11ac (VHT80)	Power State 6 Mode B	5	Edge Left	155	5775	91.75%	0.260	14.75	14.53	0.284	0.326	0.096	0.110	
Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Duty Cycle (%)	Area Scan Max. SAR (W/kg)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 6	Head	802.11ac (VHT80)	Power State 6 Mode A	0	Left Cheek	155	5775	91.75%	0.053	14.50	13.45					
ANT 6	Head	802.11ac (VHT80)	Power State 6 Mode A	0	Left Tilt	155	5775	91.75%	0.064	14.50	13.45					
ANT 6	Head	802.11ac (VHT80)	Power State 6 Mode A	0	Right Cheek	155	5775	91.75%	0.130	14.50	13.45	0.124	0.172	0.037	0.051	
ANT 6	Head	802.11ac (VHT80)	Power State 6 Mode A	0	Right Tilt	155	5775	91.75%	0.064	14.50	13.45					
ANT 6	Body & Hotspot	802.11ac (VHT80)	Power State 6 Mode B	5	Back	155	5775	91.75%	0.262	15.25	15.25	0.330	0.360	0.085	0.093	
ANT 6	Body & Hotspot	802.11ac (VHT80)	Power State 6 Mode B	5	Front	155	5775	91.75%	0.105	15.25	15.25	0.098	0.107	0.032	0.035	
ANT 6	Hotspot	802.11ac (VHT80)	Power State 6 Mode B	5	Edge Top	155	5775	91.75%	0.043	15.25	15.25					
ANT 6	Hotspot	802.11ac (VHT80)	Power State 6 Mode B	5	Edge Left	155	5775	91.75%	0.252	15.25	15.25	0.256	0.279	0.074	0.081	

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

The iPD measurement is 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	20.00	19.00	0.121	0.152	0.065	0.082	
ANT 3	Head	GFSK (BDR)	PStandalone Mode A	0	Left Tilt	39	2441	20.00	19.00	0.036	0.045	0.020	0.025	
ANT 3	Head	GFSK (BDR)	PStandalone Mode A	0	Right Cheek	39	2441	20.00	19.00	0.046	0.058	0.027	0.034	
ANT 3	Head	GFSK (BDR)	PStandalone Mode A	0	Right Tilt	39	2441	20.00	19.00	0.044	0.055	0.024	0.030	
ANT 3	Body & Hotspot	GFSK (BDR)	PStandalone Mode B	5	Back	39	2441	20.00	19.00	0.634	**0.798**	0.271	0.341	115
ANT 3	Body & Hotspot	GFSK (BDR)	PStandalone Mode B	5	Front	39	2441	20.00	19.00	0.258	0.325	0.131	0.165	
ANT 3	Hotspot	GFSK (BDR)	PStandalone Mode B	5	Edge Bottom	39	2441	20.00	19.00	0.143	0.180	0.071	0.089	
ANT 3	Hotspot	GFSK (BDR)	PStandalone Mode B	5	Edge Left	39	2441	20.00	19.00	0.416	0.524	0.185	0.233	
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	20.00	19.00	0.496	**0.624**	0.203	0.256	116
ANT 4	Head	GFSK (BDR)	PStandalone Mode A	0	Left Tilt	39	2441	20.00	19.00	0.127	0.160	0.062	0.078	
ANT 4	Head	GFSK (BDR)	PStandalone Mode A	0	Right Cheek	39	2441	20.00	19.00	0.161	0.203	0.083	0.104	
ANT 4	Head	GFSK (BDR)	PStandalone Mode A	0	Right Tilt	39	2441	20.00	19.00	0.042	0.053	0.022	0.028	
ANT 4	Body & Hotspot	GFSK (BDR)	PStandalone Mode B	5	Back	39	2441	20.00	19.00	0.528	0.665	0.218	0.274	
ANT 4	Body & Hotspot	GFSK (BDR)	PStandalone Mode B	5	Front	39	2441	20.00	19.00	0.206	0.259	0.092	0.116	
ANT 4	Hotspot	GFSK (BDR)	PStandalone Mode B	5	Edge Top	39	2441	20.00	19.00	0.024	0.030	0.011	0.014	
ANT 4	Hotspot	GFSK (BDR)	PStandalone Mode B	5	Edge Right	39	2441	20.00	19.00	0.582	**0.733**	0.235	0.296	117
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 3	Body & Hotspot	GFSK (BDR)	PHigh Mode B	5	Back	39	2441	18.00	17.25	0.334	0.397	0.140	0.166	
ANT 3	Body & Hotspot	GFSK (BDR)	PHigh Mode B	5	Front	39	2441	18.00	17.25	0.240	0.285	0.116	0.138	
ANT 3	Hotspot	GFSK (BDR)	PHigh Mode B	5	Edge Bottom	39	2441	18.00	17.25	0.091	0.108	0.044	0.052	
ANT 3	Hotspot	GFSK (BDR)	PHigh Mode B	5	Edge Left	39	2441	18.00	17.25	0.208	0.247	0.092	0.109	
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	19.00	18.30	0.338	0.397	0.142	0.167	
ANT 4	Head	GFSK (BDR)	PHigh Mode A	0	Left Tilt	39	2441	19.00	18.30	0.085	0.100	0.042	0.049	
ANT 4	Head	GFSK (BDR)	PHigh Mode A	0	Right Cheek	39	2441	19.00	18.30	0.105	0.123	0.055	0.065	
ANT 4	Head	GFSK (BDR)	PHigh Mode A	0	Right Tilt	39	2441	19.00	18.30	0.029	0.034	0.015	0.018	
ANT 4	Body & Hotspot	GFSK (BDR)	PHigh Mode B	5	Back	39	2441	18.00	17.40	0.213	0.245	0.091	0.104	
ANT 4	Body & Hotspot	GFSK (BDR)	PHigh Mode B	5	Front	39	2441	18.00	17.40	0.173	0.199	0.076	0.087	
ANT 4	Hotspot	GFSK (BDR)	PHigh Mode B	5	Edge Top	39	2441	18.00	17.40	0.018	0.021	0.009	0.010	
ANT 4	Hotspot	GFSK (BDR)	PHigh Mode B	5	Edge Right	39	2441	18.00	17.40	0.344	0.395	0.144	0.165	
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	15.00	14.14	0.023	0.028	0.012	0.015	
ANT 3	Head	GFSK (BDR)	PMid Mode A	0	Left Tilt	39	2441	15.00	14.14	0.009	0.011	0.004	0.005	
ANT 3	Head	GFSK (BDR)	PMid Mode A	0	Right Cheek	39	2441	15.00	14.14	0.011	0.013	0.006	0.007	
ANT 3	Head	GFSK (BDR)	PMid Mode A	0	Right Tilt	39	2441	15.00	14.14	0.009	0.011	0.004	0.005	
ANT 3	Body & Hotspot	GFSK (BDR)	PMid Mode B	5	Back	39	2441	12.00	11.42	0.096	0.110	0.039	0.045	
ANT 3	Body & Hotspot	GFSK (BDR)	PMid Mode B	5	Front	39	2441	12.00	11.42	0.029	0.033	0.014	0.016	
ANT 3	Hotspot	GFSK (BDR)	PMid Mode B	5	Edge Bottom	39	2441	12.00	11.42	0.018	0.021	0.008	0.009	
ANT 3	Hotspot	GFSK (BDR)	PMid Mode B	5	Edge Left	39	2441	12.00	11.42	0.059	0.067	0.025	0.029	

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	11.50	11.34	0.011	0.011	0.005	0.005	
ANT 3	Head	GFSK (BDR)	PLow Mode A	0	Left Tilt	39	2441	11.50	11.34	0.002	0.002	0.000	0.000	
ANT 3	Head	GFSK (BDR)	PLow Mode A	0	Right Cheek	39	2441	11.50	11.34	0.003	0.003	0.000	0.000	
ANT 3	Head	GFSK (BDR)	PLow Mode A	0	Right Tilt	39	2441	11.50	11.34	0.003	0.003	0.000	0.000	
ANT 3	Body & Hotspot	GFSK (BDR)	PLow Mode B	5	Back	39	2441	11.50	10.60	0.053	0.065	0.021	0.026	
ANT 3	Body & Hotspot	GFSK (BDR)	PLow Mode B	5	Front	39	2441	11.50	10.60	0.038	0.047	0.019	0.023	
ANT 3	Hotspot	GFSK (BDR)	PLow Mode B	5	Edge Bottom	39	2441	11.50	10.60	0.018	0.022	0.008	0.010	
ANT 3	Hotspot	GFSK (BDR)	PLow Mode B	5	Edge Left	39	2441	11.50	10.60	0.052	0.064	0.022	0.027	
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	11.50	10.30	0.072	0.095	0.029	0.038	
ANT 4	Head	GFSK (BDR)	PLow Mode A	0	Left Tilt	39	2441	11.50	10.30	0.018	0.024	0.008	0.011	
ANT 4	Head	GFSK (BDR)	PLow Mode A	0	Right Cheek	39	2441	11.50	10.30	0.017	0.022	0.008	0.011	
ANT 4	Head	GFSK (BDR)	PLow Mode A	0	Right Tilt	39	2441	11.50	10.30	0.004	0.005	0.002	0.003	
ANT 4	Body & Hotspot	GFSK (BDR)	PLow Mode B	5	Back	39	2441	11.50	10.30	0.063	0.083	0.026	0.034	
ANT 4	Body & Hotspot	GFSK (BDR)	PLow Mode B	5	Front	39	2441	11.50	10.30	0.027	0.036	0.012	0.016	
ANT 4	Hotspot	GFSK (BDR)	PLow Mode B	5	Edge Top	39	2441	11.50	10.30	0.000	0.000	0.000	0.000	
ANT 4	Hotspot	GFSK (BDR)	PLow Mode B	5	Edge Right	39	2441	11.50	10.30	0.075	0.099	0.030	0.040	

Notes:

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

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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	14.00	13.31	0.000	0.000	0.000	0.000	
ANT 5	Head	HDR8	PStandalone Mode A	0	Left Tilt	0	5230	14.00	13.31	0.000	0.000	0.000	0.000	
ANT 5	Head	HDR8	PStandalone Mode A	0	Right Cheek	0	5230	14.00	13.31	0.017	0.020	0.002	0.002	
ANT 5	Head	HDR8	PStandalone Mode A	0	Right Tilt	0	5230	14.00	13.31	0.000	0.000	0.000	0.000	
ANT 5	Body & Hotspot	HDR8	PStandalone Mode B	5	Back	0	5230	14.00	13.31	0.104	0.122	0.032	0.032	
ANT 5	Body & Hotspot	HDR8	PStandalone Mode B	5	Front	0	5230	14.00	13.31	0.022	0.026	0.006	0.006	
ANT 5	Hotspot	HDR8	PStandalone Mode B	5	Edge Bottom	0	5230	14.00	13.31	0.003	0.004	0.000	0.000	
ANT 5	Hotspot	HDR8	PStandalone Mode B	5	Edge Left	0	5230	14.00	13.31	0.078	0.091	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 6	Head	HDR8	PStandalone Mode A	0	Left Cheek	0	5230	14.00	13.63	0.055	0.060	0.007	0.007	
ANT 6	Head	HDR8	PStandalone Mode A	0	Left Tilt	0	5230	14.00	13.63	0.054	0.059	0.007	0.007	
ANT 6	Head	HDR8	PStandalone Mode A	0	Right Cheek	0	5230	14.00	13.63	0.202	**0.220**	0.076	0.076	118
ANT 6	Head	HDR8	PStandalone Mode A	0	Right Tilt	0	5230	14.00	13.63	0.092	0.100	0.018	0.018	
ANT 6	Body & Hotspot	HDR8	PStandalone Mode B	5	Back	0	5230	14.00	13.63	0.291	**0.317**	0.095	0.095	119
ANT 6	Body & Hotspot	HDR8	PStandalone Mode B	5	Front	0	5230	14.00	13.63	0.011	0.012	0.000	0.000	
ANT 6	Hotspot	HDR8	PStandalone Mode B	5	Edge Top	0	5230	14.00	13.63	0.025	0.027	0.000	0.000	
ANT 6	Hotspot	HDR8	PStandalone Mode B	5	Edge Left	0	5230	14.00	13.63	0.116	**0.126**	0.025	0.025	120
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	14.00	13.31	0.000	0.000	0.000	0.000	
ANT 5	Head	HDR8	PHigh Mode A	0	Left Tilt	0	5230	14.00	13.31	0.000	0.000	0.000	0.000	
ANT 5	Head	HDR8	PHigh Mode A	0	Right Cheek	0	5230	14.00	13.31	0.017	0.020	0.002	0.002	
ANT 5	Head	HDR8	PHigh Mode A	0	Right Tilt	0	5230	14.00	13.31	0.000	0.000	0.000	0.000	
ANT 5	Body & Hotspot	HDR8	PHigh Mode B	5	Back	0	5230	14.00	13.31	0.104	0.122	0.032	0.032	
ANT 5	Body & Hotspot	HDR8	PHigh Mode B	5	Front	0	5230	14.00	13.31	0.022	0.026	0.006	0.006	
ANT 5	Hotspot	HDR8	PHigh Mode B	5	Edge Bottom	0	5230	14.00	13.31	0.003	0.004	0.000	0.000	
ANT 5	Hotspot	HDR8	PHigh Mode B	5	Edge Left	0	5230	14.00	13.31	0.078	0.091	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 6	Head	HDR8	PHigh Mode A	0	Left Cheek	0	5230	14.00	13.63	0.055	0.060	0.007	0.007	
ANT 6	Head	HDR8	PHigh Mode A	0	Left Tilt	0	5230	14.00	13.63	0.054	0.059	0.007	0.007	
ANT 6	Head	HDR8	PHigh Mode A	0	Right Cheek	0	5230	14.00	13.63	0.202	0.220	0.076	0.076	
ANT 6	Head	HDR8	PHigh Mode A	0	Right Tilt	0	5230	14.00	13.63	0.092	0.100	0.018	0.018	
ANT 6	Body & Hotspot	HDR8	PHigh Mode B	5	Back	0	5230	14.00	13.63	0.291	0.317	0.095	0.095	
ANT 6	Body & Hotspot	HDR8	PHigh Mode B	5	Front	0	5230	14.00	13.63	0.011	0.012	0.000	0.000	
ANT 6	Hotspot	HDR8	PHigh Mode B	5	Edge Top	0	5230	14.00	13.63	0.025	0.027	0.000	0.000	
ANT 6	Hotspot	HDR8	PHigh Mode B	5	Edge Left	0	5230	14.00	13.63	0.116	0.126	0.025	0.025	
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	PMid Mode A	0	Left Cheek	0	5230	14.00	13.31	0.055	0.064	0.007	0.007	
ANT 6	Head	HDR8	PMid Mode A	0	Left Tilt	0	5230	14.00	13.31	0.054	0.063	0.007	0.007	
ANT 6	Head	HDR8	PMid Mode A	0	Right Cheek	0	5230	14.00	13.31	0.202	0.237	0.076	0.076	
ANT 6	Head	HDR8	PMid Mode A	0	Right Tilt	0	5230	14.00	13.31	0.092	0.108	0.018	0.018	
ANT 5	Body & Hotspot	GFSK (BDR)	PMid Mode B	5	Back	0	5230	8.50	8.49	0.007	0.007	0.000	0.000	
ANT 5	Body & Hotspot	GFSK (BDR)	PMid Mode B	5	Front	0	5230	8.50	8.49	0.000	0.000	0.000	0.000	
ANT 5	Hotspot	GFSK (BDR)	PMid Mode B	5	Edge Bottom	0	5230	8.50	8.49	0.000	0.000	0.000	0.000	
ANT 5	Hotspot	GFSK (BDR)	PMid Mode B	5	Edge Left	0	5230	8.50	8.49	0.020	0.020	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 6	Head	GFSK (BDR)	PMid Mode A	0	Left Cheek	0	5230	9.50	8.90	0.019	0.022	0.003	0.004	
ANT 6	Head	GFSK (BDR)	PMid Mode A	0	Left Tilt	0	5230	9.50	8.90	0.015	0.017	0.003	0.004	
ANT 6	Head	GFSK (BDR)	PMid Mode A	0	Right Cheek	0	5230	9.50	8.90	0.059	0.068	0.020	0.026	
ANT 6	Head	GFSK (BDR)	PMid Mode A	0	Right Tilt	0	5230	9.50	8.90	0.029	0.033	0.006	0.008	
ANT 6	Body & Hotspot	GFSK (BDR)	PMid Mode B	5	Back	0	5162	9.00	8.90	0.078	0.080	0.023	0.030	
ANT 6	Body & Hotspot	GFSK (BDR)	PMid Mode B	5	Front	0	5162	9.00	8.90	0.003	0.003	0.000	0.000	
ANT 6	Hotspot	GFSK (BDR)	PMid Mode B	5	Edge Top	0	5162	9.00	8.90	0.016	0.016	0.007	0.009	
ANT 6	Hotspot	GFSK (BDR)	PMid Mode B	5	Edge Left	0	5162	9.00	8.90	0.033	0.034	0.009	0.012	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 5	Head	GFSK (BDR)	PLow Mode A	0	Left Cheek	0	5230	4.50	3.91	0.000	0.000	0.004	0.005	
ANT 5	Head	GFSK (BDR)	PLow Mode A	0	Left Tilt	0	5230	4.50	3.91	0.001	0.001	0.000	0.000	
ANT 5	Head	GFSK (BDR)	PLow Mode A	0	Right Cheek	0	5230	4.50	3.91	0.000	0.000	0.000	0.000	
ANT 5	Head	GFSK (BDR)	PLow Mode A	0	Right Tilt	0	5230	4.50	3.91	0.000	0.000	0.003	0.003	
ANT 5	Body & Hotspot	GFSK (BDR)	PLow Mode B	5	Back	0	5230	4.50	3.91	0.005	0.006	0.000	0.000	
ANT 5	Body & Hotspot	GFSK (BDR)	PLow Mode B	5	Front	0	5230	4.50	3.91	0.004	0.005	0.000	0.000	
ANT 5	Hotspot	GFSK (BDR)	PLow Mode B	5	Edge Bottom	0	5230	4.50	3.91	0.000	0.000	0.000	0.000	
ANT 5	Hotspot	GFSK (BDR)	PLow Mode B	5	Edge Left	0	5230	4.50	3.91	0.011	0.013	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	7.50	7.03	0.004	0.004	0.000	0.000	
ANT 6	Head	GFSK (BDR)	PLow Mode A	0	Left Tilt	0	5230	7.50	7.03	0.000	0.000	0.001	0.001	
ANT 6	Head	GFSK (BDR)	PLow Mode A	0	Right Cheek	0	5230	7.50	7.03	0.025	0.028	0.006	0.007	
ANT 6	Head	GFSK (BDR)	PLow Mode A	0	Right Tilt	0	5230	7.50	7.03	0.019	0.021	0.002	0.002	
ANT 6	Body & Hotspot	GFSK (BDR)	PLow Mode B	5	Back	0	5230	7.50	7.03	0.044	0.049	0.011	0.012	
ANT 6	Body & Hotspot	GFSK (BDR)	PLow Mode B	5	Front	0	5230	7.50	7.03	0.006	0.007	0.000	0.000	
ANT 6	Hotspot	GFSK (BDR)	PLow Mode B	5	Edge Top	0	5230	7.50	7.03	0.005	0.006	0.000	0.000	
ANT 6	Hotspot	GFSK (BDR)	PLow Mode B	5	Edge Left	0	5230	7.50	7.03	0.024	0.027	0.007	0.008	

Notes:

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

UNII-3 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	GFSK (BDR)	PStandalone Mode A	0	Left Cheek	0	5788	19.50	18.49	0.005	0.006	0.000	0.000	
ANT 5	Head	GFSK (BDR)	PStandalone Mode A	0	Left Tilt	0	5788	19.50	18.49	0.002	0.003	0.000	0.000	
ANT 5	Head	GFSK (BDR)	PStandalone Mode A	0	Right Cheek	0	5788	19.50	18.49	0.011	0.014	0.000	0.000	
ANT 5	Head	GFSK (BDR)	PStandalone Mode A	0	Right Tilt	0	5788	19.50	18.49	0.001	0.001	0.000	0.000	
ANT 5	Body & Hotspot	GFSK (BDR)	PStandalone Mode B	5	Back	0	5733	19.50	18.31	0.576	0.758	0.176	0.231	
ANT 5	Body & Hotspot	GFSK (BDR)	PStandalone Mode B	5	Back	0	5788	19.50	18.49	0.650	0.820	0.204	0.257	
ANT 5	Body & Hotspot	GFSK (BDR)	PStandalone Mode B	5	Back	0	5844	19.50	18.25	0.665	**0.887**	0.203	0.271	121
ANT 5	Body & Hotspot	GFSK (BDR)	PStandalone Mode B	5	Front	0	5788	19.50	18.49	0.023	0.029	0.000	0.000	
ANT 5	Hotspot	GFSK (BDR)	PStandalone Mode B	5	Edge Bottom	0	5788	19.50	18.49	0.033	0.042	0.002	0.003	
ANT 5	Hotspot	GFSK (BDR)	PStandalone Mode B	5	Edge Left	0	5788	19.50	18.49	0.224	0.283	0.067	0.085	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 6	Head	GFSK (BDR)	PStandalone Mode A	0	Left Cheek	0	5788	20.00	19.20	0.116	0.139	0.034	0.041	
ANT 6	Head	GFSK (BDR)	PStandalone Mode A	0	Left Tilt	0	5788	20.00	19.20	0.106	0.127	0.029	0.035	
ANT 6	Head	GFSK (BDR)	PStandalone Mode A	0	Right Cheek	0	5788	20.00	19.20	0.426	**0.512**	0.141	0.170	122
ANT 6	Head	GFSK (BDR)	PStandalone Mode A	0	Right Tilt	0	5788	20.00	19.20	0.241	0.290	0.074	0.089	
ANT 6	Body & Hotspot	GFSK (BDR)	PStandalone Mode B	5	Back	0	5788	18.50	17.50	0.594	0.748	0.154	0.194	
ANT 6	Body & Hotspot	GFSK (BDR)	PStandalone Mode B	5	Front	0	5788	18.50	17.50	0.106	0.133	0.028	0.035	
ANT 6	Hotspot	GFSK (BDR)	PStandalone Mode B	5	Edge Top	0	5788	18.50	17.50	0.090	0.113	0.030	0.038	
ANT 6	Hotspot	GFSK (BDR)	PStandalone Mode B	5	Edge Left	0	5788	18.50	17.50	0.359	**0.452**	0.111	0.140	123
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 5	Head	GFSK (BDR)	PHigh Mode A	0	Left Cheek	0	5788	19.50	18.49	0.005	0.006	0.000	0.000	
ANT 5	Head	GFSK (BDR)	PHigh Mode A	0	Left Tilt	0	5788	19.50	18.49	0.002	0.003	0.000	0.000	
ANT 5	Head	GFSK (BDR)	PHigh Mode A	0	Right Cheek	0	5788	19.50	18.49	0.011	0.014	0.000	0.000	
ANT 5	Head	GFSK (BDR)	PHigh Mode A	0	Right Tilt	0	5788	19.50	18.49	0.001	0.001	0.000	0.000	
ANT 5	Body & Hotspot	GFSK (BDR)	PHigh Mode B	5	Back	0	5788	16.00	15.10	0.321	0.395	0.097	0.119	
ANT 5	Body & Hotspot	GFSK (BDR)	PHigh Mode B	5	Front	0	5788	16.00	15.10	0.021	0.026	0.006	0.007	
ANT 5	Hotspot	GFSK (BDR)	PHigh Mode B	5	Edge Bottom	0	5788	16.00	15.10	0.016	0.020	0.003	0.004	
ANT 5	Hotspot	GFSK (BDR)	PHigh Mode B	5	Edge Left	0	5788	16.00	15.10	0.092	0.113	0.028	0.034	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 6	Head	GFSK (BDR)	PHigh Mode A	0	Left Cheek	0	5788	18.00	16.90	0.092	0.119	0.023	0.030	
ANT 6	Head	GFSK (BDR)	PHigh Mode A	0	Left Tilt	0	5788	18.00	16.90	0.094	0.121	0.026	0.033	
ANT 6	Head	GFSK (BDR)	PHigh Mode A	0	Right Cheek	0	5788	18.00	16.90	0.300	0.386	0.091	0.117	
ANT 6	Head	GFSK (BDR)	PHigh Mode A	0	Right Tilt	0	5788	18.00	16.90	0.231	0.298	0.071	0.091	
ANT 6	Body & Hotspot	GFSK (BDR)	PHigh Mode B	5	Back	0	5788	13.50	12.65	0.161	0.196	0.038	0.046	
ANT 6	Body & Hotspot	GFSK (BDR)	PHigh Mode B	5	Front	0	5788	13.50	12.65	0.028	0.034	0.004	0.005	
ANT 6	Hotspot	GFSK (BDR)	PHigh Mode B	5	Edge Top	0	5788	13.50	12.65	0.022	0.027	0.003	0.004	
ANT 6	Hotspot	GFSK (BDR)	PHigh Mode B	5	Edge Left	0	5788	13.50	12.65	0.143	0.174	0.039	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 5	Head	GFSK (BDR)	PMid Mode A	0	Left Cheek	0	5788	15.00	14.11	0.000	0.000	0.000	0.000	
ANT 5	Head	GFSK (BDR)	PMid Mode A	0	Left Tilt	0	5788	15.00	14.11	0.000	0.000	0.000	0.000	
ANT 5	Head	GFSK (BDR)	PMid Mode A	0	Right Cheek	0	5788	15.00	14.11	0.000	0.000	0.000	0.000	
ANT 5	Head	GFSK (BDR)	PMid Mode A	0	Right Tilt	0	5788	15.00	14.11	0.000	0.000	0.000	0.000	
ANT 5	Body & Hotspot	GFSK (BDR)	PMid Mode B	5	Back	0	5788	10.00	9.16	0.060	0.073	0.051	0.062	
ANT 5	Body & Hotspot	GFSK (BDR)	PMid Mode B	5	Front	0	5788	10.00	9.16	0.001	0.001	0.001	0.001	
ANT 5	Hotspot	GFSK (BDR)	PMid Mode B	5	Edge Bottom	0	5788	10.00	9.16	0.000	0.000	0.000	0.000	
ANT 5	Hotspot	GFSK (BDR)	PMid Mode B	5	Edge Left	0	5788	10.00	9.16	0.016	0.019	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	12.00	11.54	0.018	0.020	0.000	0.000	
ANT 6	Head	GFSK (BDR)	PMid Mode A	0	Left Tilt	0	5788	12.00	11.54	0.018	0.020	0.000	0.000	
ANT 6	Head	GFSK (BDR)	PMid Mode A	0	Right Cheek	0	5788	12.00	11.54	0.078	0.087	0.019	0.021	
ANT 6	Head	GFSK (BDR)	PMid Mode A	0	Right Tilt	0	5788	12.00	11.54	0.036	0.040	0.005	0.006	
ANT 6	Body & Hotspot	GFSK (BDR)	PMid Mode B	5	Back	0	5788	7.50	6.72	0.049	0.059	0.006	0.007	
ANT 6	Body & Hotspot	GFSK (BDR)	PMid Mode B	5	Front	0	5788	7.50	6.72	0.014	0.017	0.004	0.005	
ANT 6	Hotspot	GFSK (BDR)	PMid Mode B	5	Edge Top	0	5788	7.50	6.72	0.000	0.000	0.000	0.000	
ANT 6	Hotspot	GFSK (BDR)	PMid Mode B	5	Edge Left	0	5788	7.50	6.72	0.030	0.036	0.003	0.004	
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	5.50	4.86	0.001	0.001	0.001	0.001	
ANT 5	Head	GFSK (BDR)	PLow Mode A	0	Left Tilt	0	5788	5.50	4.86	0.001	0.001	0.001	0.001	
ANT 5	Head	GFSK (BDR)	PLow Mode A	0	Right Cheek	0	5788	5.50	4.86	0.001	0.001	0.001	0.001	
ANT 5	Head	GFSK (BDR)	PLow Mode A	0	Right Tilt	0	5788	5.50	4.86	0.001	0.001	0.001	0.001	
ANT 5	Body & Hotspot	GFSK (BDR)	PLow Mode B	5	Back	0	5788	5.50	4.86	0.026	0.030	0.005	0.006	
ANT 5	Body & Hotspot	GFSK (BDR)	PLow Mode B	5	Front	0	5788	5.50	4.86	0.001	0.001	0.001	0.001	
ANT 5	Hotspot	GFSK (BDR)	PLow Mode B	5	Edge Bottom	0	5788	5.50	4.86	0.001	0.001	0.001	0.001	
ANT 5	Hotspot	GFSK (BDR)	PLow Mode B	5	Edge Left	0	5788	5.50	4.86	0.008	0.009	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	8.00	7.49	0.004	0.004	0.000	0.000	
ANT 6	Head	GFSK (BDR)	PLow Mode A	0	Left Tilt	0	5788	8.00	7.49	0.003	0.003	0.000	0.000	
ANT 6	Head	GFSK (BDR)	PLow Mode A	0	Right Cheek	0	5788	8.00	7.49	0.020	0.022	0.001	0.001	
ANT 6	Head	GFSK (BDR)	PLow Mode A	0	Right Tilt	0	5788	8.00	7.49	0.014	0.016	0.000	0.000	
ANT 6	Body & Hotspot	GFSK (BDR)	PLow Mode B	5	Back	0	5788	7.50	7.49	0.055	0.055	0.011	0.011	
ANT 6	Body & Hotspot	GFSK (BDR)	PLow Mode B	5	Front	0	5788	7.50	7.49	0.000	0.000	0.000	0.000	
ANT 6	Hotspot	GFSK (BDR)	PLow Mode B	5	Edge Top	0	5788	7.50	7.49	0.000	0.000	0.000	0.000	
ANT 6	Hotspot	GFSK (BDR)	PLow Mode B	5	Edge Left	0	5788	7.50	7.49	0.024	0.024	0.006	0.006	

Notes:

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

10.42. MSS (Mobile Satellite Service)

Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Body & Hotspot	1-PRB SC-FDMA	Mode B	5	Back	262316	1610.1	20.0	20.0	0.620	0.620	0.320	0.320	
ANT 1	Body & Hotspot	1-PRB SC-FDMA	Mode B	5	Back	262391	1617.6	20.0	20.0	0.552	0.552	0.289	0.289	
ANT 1	Body & Hotspot	1-PRB SC-FDMA	Mode B	5	Back	262466	1625.1	20.0	20.0	0.546	0.546	0.284	0.284	
ANT 1	Body & Hotspot	1-PRB SC-FDMA	Mode B	5	Front	262391	1617.6	20.0	20.0	0.486	0.486	0.249	0.249	
ANT 1	Hotspot	1-PRB SC-FDMA	Mode B	5	Edge Right	262391	1617.6	20.0	20.0	0.199	0.199	0.094	0.094	
ANT 1	Hotspot	1-PRB SC-FDMA	Mode B	5	Edge Bottom	262316	1610.1	20.0	20.0	0.777	0.777	0.386	0.386	
ANT 1	Hotspot	1-PRB SC-FDMA	Mode B	5	Edge Bottom	262391	1617.6	20.0	20.0	0.810	0.810	0.402	0.402	
ANT 1	Hotspot	1-PRB SC-FDMA	Mode B	5	Edge Bottom	262466	1625.1	20.0	20.0	0.818	0.818	0.406	0.406	
ANT 1	Hotspot	1-PRB SC-FDMA	Mode B	5	Edge Left	262391	1617.6	20.0	20.0	0.048	0.048	0.021	0.021	
Antenna	**RF Exposure Condition**	**Mode**	**Power Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 4	Body & Hotspot	1-PRB SC-FDMA	Mode B	5	Back	262316	1610.1	21.5	21.2	0.596	0.639	0.326	0.349	
ANT 4	Body & Hotspot	1-PRB SC-FDMA	Mode B	5	Back	262391	1617.6	21.5	21.3	0.657	0.688	0.362	0.379	
ANT 4	Body & Hotspot	1-PRB SC-FDMA	Mode B	5	Back	262466	1625.1	21.5	21.2	0.743	**0.796**	0.404	0.433	124
ANT 4	Body & Hotspot	1-PRB SC-FDMA	Mode B	5	Front	262391	1617.6	21.5	21.3	0.353	0.370	0.200	0.209	
ANT 4	Hotspot	1-PRB SC-FDMA	Mode B	5	Edge Top	262391	1617.6	21.5	21.3	0.056	0.059	0.033	0.023	
ANT 4	Hotspot	1-PRB SC-FDMA	Mode B	5	Edge Right	262316	1610.1	21.5	21.2	0.766	0.821	0.399	0.289	
ANT 4	Hotspot	1-PRB SC-FDMA	Mode B	5	Edge Right	262391	1617.6	21.5	21.3	0.800	**0.838**	0.417	0.295	125
ANT 4	Hotspot	1-PRB SC-FDMA	Mode B	5	Edge Right	262466	1625.1	21.5	21.2	0.779	0.835	0.406	0.294	

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%	21.00	19.02	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%	21.00	19.02	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%	21.00	19.02	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%	21.00	19.02	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%	21.00	19.02	0.022	0.021	0.009	0.009	
ANT 3	Body & Hotspot	O-QPSK (802.15.4)	P Standalone Mode B	5	Front	Mid	2440	60.00%	21.00	19.02	0.011	0.010	0.004	0.004	
ANT 3	Hotspot	O-QPSK (802.15.4)	P Standalone Mode B	5	Edge Bottom	Mid	2440	60.00%	21.00	19.02	0.004	0.004	0.002	0.002	
ANT 3	Hotspot	O-QPSK (802.15.4)	P Standalone Mode B	5	Edge Left	Mid	2440	60.00%	21.00	19.02	0.009	0.009	0.003	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%	21.00	19.72	0.273	**0.220**	0.116	0.093	126
ANT 4	Head	O-QPSK (802.15.4)	P Standalone Mode A	0	Left Tilt	Mid	2440	60.00%	21.00	19.72	0.086	0.069	0.041	0.033	
ANT 4	Head	O-QPSK (802.15.4)	P Standalone Mode A	0	Right Cheek	Mid	2440	60.00%	21.00	19.72	0.083	0.067	0.043	0.035	
ANT 4	Head	O-QPSK (802.15.4)	P Standalone Mode A	0	Right Tilt	Mid	2440	60.00%	21.00	19.72	0.033	0.027	0.016	0.013	
ANT 4	Body & Hotspot	O-QPSK (802.15.4)	P Standalone Mode B	5	Back	Mid	2440	60.00%	21.00	19.72	0.191	**0.154**	0.085	0.068	127
ANT 4	Body & Hotspot	O-QPSK (802.15.4)	P Standalone Mode B	5	Front	Mid	2440	60.00%	21.00	19.72	0.108	0.087	0.049	0.039	
ANT 4	Hotspot	O-QPSK (802.15.4)	P Standalone Mode B	5	Edge Top	Mid	2440	60.00%	21.00	19.72	0.027	0.022	0.010	0.008	
ANT 4	Hotspot	O-QPSK (802.15.4)	P Standalone Mode B	5	Edge Right	Mid	2440	60.00%	21.00	19.72	0.301	**0.243**	0.126	0.102	128
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%	20.00	19.02	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%	20.00	19.02	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%	20.00	19.02	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%	20.00	19.02	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%	19.00	18.33	0.028	0.020	0.011	0.008	
ANT 3	Body & Hotspot	O-QPSK (802.15.4)	P High Mode B	5	Front	Mid	2440	60.00%	19.00	18.33	0.008	0.006	0.004	0.003	
ANT 3	Hotspot	O-QPSK (802.15.4)	P High Mode B	5	Edge Bottom	Mid	2440	60.00%	19.00	18.33	0.002	0.001	0.000	0.000	
ANT 3	Hotspot	O-QPSK (802.15.4)	P High Mode B	5	Edge Left	Mid	2440	60.00%	19.00	18.33	0.009	0.006	0.003	0.002	
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%	20.00	19.72	0.273	0.175	0.116	0.093	
ANT 4	Head	O-QPSK (802.15.4)	P High Mode A	0	Left Tilt	Mid	2440	60.00%	20.00	19.72	0.086	0.055	0.041	0.033	
ANT 4	Head	O-QPSK (802.15.4)	P High Mode A	0	Right Cheek	Mid	2440	60.00%	20.00	19.72	0.083	0.053	0.043	0.035	
ANT 4	Head	O-QPSK (802.15.4)	P High Mode A	0	Right Tilt	Mid	2440	60.00%	20.00	19.72	0.033	0.021	0.016	0.013	
ANT 4	Body & Hotspot	O-QPSK (802.15.4)	P High Mode B	5	Back	Mid	2440	60.00%	19.00	18.97	0.236	0.143	0.103	0.062	
ANT 4	Body & Hotspot	O-QPSK (802.15.4)	P High Mode B	5	Front	Mid	2440	60.00%	19.00	18.97	0.084	0.051	0.038	0.023	
ANT 4	Hotspot	O-QPSK (802.15.4)	P High Mode B	5	Edge Top	Mid	2440	60.00%	19.00	18.97	0.025	0.015	0.009	0.005	
ANT 4	Hotspot	O-QPSK (802.15.4)	P High Mode B	5	Edge Right	Mid	2440	60.00%	19.00	18.97	0.266	0.161	0.112	0.068	
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%	16.00	14.57	0.000	0.000	0.000	0.000	
ANT 3	Head	O-QPSK (802.15.4)	P Mid Mode A	0	Left Tilt	Mid	2440	60.00%	16.00	14.57	0.000	0.000	0.000	0.000	
ANT 3	Head	O-QPSK (802.15.4)	P Mid Mode A	0	Right Cheek	Mid	2440	60.00%	16.00	14.57	0.000	0.000	0.000	0.000	
ANT 3	Head	O-QPSK (802.15.4)	P Mid Mode A	0	Right Tilt	Mid	2440	60.00%	16.00	14.57	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%	13.00	12.70	0.006	0.004	0.002	0.001	
ANT 3	Body & Hotspot	O-QPSK (802.15.4)	P Mid Mode B	5	Front	Mid	2440	60.00%	13.00	12.70	0.002	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%	13.00	12.70	0.000	0.000	0.000	0.000	
ANT 3	Hotspot	O-QPSK (802.15.4)	P Mid Mode B	5	Edge Left	Mid	2440	60.00%	13.00	12.70	0.003	0.002	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%	14.00	14.00	0.049	0.029	0.021	0.013	
ANT 4	Head	O-QPSK (802.15.4)	P Mid Mode A	0	Left Tilt	Mid	2440	60.00%	14.00	14.00	0.017	0.010	0.007	0.004	
ANT 4	Head	O-QPSK (802.15.4)	P Mid Mode A	0	Right Cheek	Mid	2440	60.00%	14.00	14.00	0.000	0.000	0.000	0.000	
ANT 4	Head	O-QPSK (802.15.4)	P Mid Mode A	0	Right Tilt	Mid	2440	60.00%	14.00	14.00	0.000	0.000	0.000	0.000	
ANT 4	Body & Hotspot	O-QPSK (802.15.4)	P Mid Mode B	5	Back	Mid	2440	60.00%	13.00	11.90	0.044	0.034	0.019	0.015	
ANT 4	Body & Hotspot	O-QPSK (802.15.4)	P Mid Mode B	5	Front	Mid	2440	60.00%	13.00	11.90	0.021	0.016	0.008	0.006	
ANT 4	Hotspot	O-QPSK (802.15.4)	P Mid Mode B	5	Edge Top	Mid	2440	60.00%	13.00	11.90	0.004	0.003	0.000	0.000	
ANT 4	Hotspot	O-QPSK (802.15.4)	P Mid Mode B	5	Edge Right	Mid	2440	60.00%	13.00	11.90	0.055	0.043	0.022	0.017	

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 Low Mode A	0	Left Cheek	Mid	2440	60.00%	11.50	11.30	0.000	0.000	0.000	0.000	
ANT 3	Head	O-QPSK (802.15.4)	P Low Mode A	0	Left Tilt	Mid	2440	60.00%	11.50	11.30	0.000	0.000	0.000	0.000	
ANT 3	Head	O-QPSK (802.15.4)	P Low Mode A	0	Right Cheek	Mid	2440	60.00%	11.50	11.30	0.000	0.000	0.000	0.000	
ANT 3	Head	O-QPSK (802.15.4)	P Low Mode A	0	Right Tilt	Mid	2440	60.00%	11.50	11.30	0.000	0.000	0.000	0.000	
ANT 3	Body & Hotspot	O-QPSK (802.15.4)	P Low Mode B	5	Back	Mid	2440	60.00%	11.50	11.30	0.003	0.002	0.000	0.000	
ANT 3	Body & Hotspot	O-QPSK (802.15.4)	P Low Mode B	5	Front	Mid	2440	60.00%	11.50	11.30	0.000	0.000	0.000	0.000	
ANT 3	Hotspot	O-QPSK (802.15.4)	P Low Mode B	5	Edge Bottom	Mid	2440	60.00%	11.50	11.30	0.000	0.000	0.000	0.000	
ANT 3	Hotspot	O-QPSK (802.15.4)	P Low Mode B	5	Edge Left	Mid	2440	60.00%	11.50	11.30	0.000	0.000	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 Low Mode A	0	Left Cheek	Mid	2440	60.00%	11.50	11.50	0.046	0.028	0.019	0.011	
ANT 4	Head	O-QPSK (802.15.4)	P Low Mode A	0	Left Tilt	Mid	2440	60.00%	11.50	11.50	0.015	0.009	0.006	0.004	
ANT 4	Head	O-QPSK (802.15.4)	P Low Mode A	0	Right Cheek	Mid	2440	60.00%	11.50	11.50	0.015	0.009	0.007	0.004	
ANT 4	Head	O-QPSK (802.15.4)	P Low Mode A	0	Right Tilt	Mid	2440	60.00%	11.50	11.50	0.005	0.003	0.002	0.001	
ANT 4	Body & Hotspot	O-QPSK (802.15.4)	P Low Mode B	5	Back	Mid	2440	60.00%	11.50	11.50	0.058	0.035	0.024	0.014	
ANT 4	Body & Hotspot	O-QPSK (802.15.4)	P Low Mode B	5	Front	Mid	2440	60.00%	11.50	11.50	0.023	0.014	0.010	0.006	
ANT 4	Hotspot	O-QPSK (802.15.4)	P Low Mode B	5	Edge Top	Mid	2440	60.00%	11.50	11.50	0.006	0.004	0.001	0.001	
ANT 4	Hotspot	O-QPSK (802.15.4)	P Low Mode B	5	Edge Right	Mid	2440	60.00%	11.50	11.50	0.057	0.034	0.023	0.014	

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	18.8	0.001	0.001	0.001	0.001	
ANT 5	Head	O-QPSK (802.15.4ab)	Mode A	0	Left Tilt	Mid	5786.25	20.0	18.8	0.001	0.001	0.001	0.001	
ANT 5	Head	O-QPSK (802.15.4ab)	Mode A	0	Right Cheek	Mid	5786.25	20.0	18.8	0.001	0.001	0.001	0.001	
ANT 5	Head	O-QPSK (802.15.4ab)	Mode A	0	Right Tilt	Mid	5786.25	20.0	18.8	0.001	0.001	0.001	0.001	
ANT 5	Body & Hotspot	O-QPSK (802.15.4ab)	Mode B	5	Back	Mid	5786.25	18.5	17.0	0.022	0.031	0.001	0.001	
ANT 5	Body & Hotspot	O-QPSK (802.15.4ab)	Mode B	5	Front	Mid	5786.25	18.5	17.0	0.001	0.001	0.001	0.001	
ANT 5	Hotspot	O-QPSK (802.15.4ab)	Mode B	5	Edge Bottom	Mid	5786.25	18.5	17.0	0.001	0.001	0.001	0.001	
ANT 5	Hotspot	O-QPSK (802.15.4ab)	Mode B	5	Edge Left	Mid	5786.25	18.5	17.0	0.018	0.025	0.004	0.006	
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	17.2	0.006	0.008	0.001	0.001	
ANT 6	Head	O-QPSK (802.15.4ab)	Mode A	0	Left Tilt	Mid	5786.25	18.5	17.2	0.005	0.007	0.000	0.000	
ANT 6	Head	O-QPSK (802.15.4ab)	Mode A	0	Right Cheek	Mid	5786.25	18.5	17.2	0.029	**0.039**	0.001	0.001	129
ANT 6	Head	O-QPSK (802.15.4ab)	Mode A	0	Right Tilt	Mid	5786.25	18.5	17.2	0.020	0.027	0.004	0.005	
ANT 6	Body & Hotspot	O-QPSK (802.15.4ab)	Mode B	5	Back	Mid	5786.25	19.0	17.7	0.028	**0.038**	0.001	0.001	130
ANT 6	Body & Hotspot	O-QPSK (802.15.4ab)	Mode B	5	Front	Mid	5786.25	19.0	17.7	0.007	0.009	0.000	0.000	
ANT 6	Hotspot	O-QPSK (802.15.4ab)	Mode B	5	Edge Top	Mid	5786.25	19.0	17.7	0.005	0.007	0.000	0.000	
ANT 6	Hotspot	O-QPSK (802.15.4ab)	Mode B	5	Edge Left	Mid	5786.25	19.0	17.7	0.022	**0.029**	0.006	0.008	131

Notes:

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

10.45. NFC

Antenna	RF Exposure Conditions	Mode	Dist. (mm)	Test Position	Freq. (MHz)	1-g Meas. (W/kg)	10-g Meas. (W/kg)	Plot No.
Primary Ant	Extremity	Type A	0	Rear	13.56	0.004	0.002	
				Front	13.56	0.007	0.003	
				Edge Top	13.56	0.014	**0.005**	132
				Edge Left	13.56	0.002	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	0.000	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	23.6	0.096	**0.124**	0.074	0.095	133
NR	n77 PC3 Block A	9	Body & Hotspot	DFT-s OFDM π/2 BPSK	Max Output Power	25	Back	633332	3499.98	135	69		25.7	25.4	0.280	**0.300**	0.140	0.150	134
MSS	L-Band	1	Hotspot	DFT-s OFDM π/2 BPSK	Max Output Power	25	Bottom	262466	1625.1			100%	28.0	27.8	0.410	**0.429**	0.258	0.270	135

11. SAR Measurement Variability

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

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

Frequency Band (MHz)	Air Interface	RF Exposure Conditions	Test Position	Repeated SAR (Yes/No)	Highest Measured SAR (W/kg)	First Repeated		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	GSM 850	Head	Right Cheek	Yes	0.872	0.772	1.13	N/A	N/A	N/A
1640	MSS	Hotspot	Edge Bottom	No	0.818	0.749	1.09	N/A	N/A	N/A
1700	FR1 n70	Head	Right Tilt	Yes	0.919	0.916	1.00	N/A	N/A	N/A
1900	W-CDMA Band 2	Body & Hotspot	Back	Yes	0.923	0.876	1.05	N/A	N/A	N/A
2300	LTE Band 30	Body & Hotspot	Back	Yes	0.888	0.785	1.13	N/A	N/A	N/A
2400	Wi-Fi 802.11b/g/n	Hotspot	Edge Right	Yes	0.954	0.887	1.08	N/A	N/A	N/A
2500	FR1 n7	Body & Hotspot	Back	No	0.921	0.917	1.00	N/A	N/A	N/A
2600	FR1 n41	Body & Hotspot	Back	Yes	0.860	0.818	1.05	N/A	N/A	N/A
3600	LTE Band 48	Body & Hotspot	Back	Yes	0.902	0.887	1.02	N/A	N/A	N/A
5300	Wi-Fi 802.11a/n/ac	Head	Right Cheek	Yes	0.848	0.834	1.02	N/A	N/A	N/A
5500	Wi-Fi 802.11a/n/ac	Body & Hotspot	Back	Yes	1.040	0.976	1.07	N/A	N/A	N/A
5800	Wi-Fi 802.11a/n/ac	Body & Hotspot	Back	Yes	0.947	0.91	1.04	N/A	N/A	N/A

Note(s):

Second Repeated Measurement is not required since the ratio of the largest to smallest SAR for the original and first repeated measurement is < 1.20.

12. Simultaneous Transmission Conditions

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

Sum of SAR

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

SAR to Peak Location Ratio (SPLSR)

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

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

Where:

SAR_1 is the highest reported or estimated SAR for the first of a pair of simultaneous transmitting antennas, in a specific test operating mode and exposure condition

SAR_2 is the highest reported or estimated SAR for the second of a pair of simultaneous transmitting antennas, in the same test operating mode and exposure condition as the first

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

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

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

When an individual antenna transmits at on two bands simultaneously, the sum of the highest *reported* SAR for the frequency bands should be used to determine SAR_1.or SAR_2. When SPLSR is necessary, the smallest distance between the peak SAR locations for the antenna pair with respect to the peaks from each antenna should be used.

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

Simultaneous transmission SAR measurement

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

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

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

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

Combined Multi Band Averaged SAR allows - in addition to the data extraction - an evaluation of the 1 g, 10 g and/or arbitrary averaged mass SAR.
Power Scaling Factor is used to allow the volume scans to be scaled by a value other than "1", this is important when the results need to be scaled to different maximum power levels. The Power Scaling Factor is applied to each

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

Simultaneous transmission SAR Exclusion

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

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

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

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

RF Exposure Condition	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})			+	802.15.4 ab NB	11
		+	Wi-Fi 5 GHz/6E					+	802.15.4 (P_{Mid})			+	802.15.4 ab NB	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})			+	802.15.4 ab NB	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})			+	802.15.4 ab NB	27

Note(s):

1. Wi-Fi 2.4GHz & Bluetooth cannot transmit simultaneously.
2. Wi-Fi 2.4GHz & Wi-Fi 5GHz cannot transmit simultaneously.
3. NB UNII can only transmit simultaneously with Wi-Fi 2.4GHz.
4. 802.15.4ab-NB cannot transmit simultaneously with NB UNII.
5. 802.15.4ab-NB cannot transmit simultaneously on ANT 5 and ANT 6.
6. Only Wi-Fi 2.4GHz, Wi-Fi 5GHz, Wi-Fi 6E support MIMO transmission.
7. Wi-Fi 2.4/5/6E Power State 1: 802.15.4ab-NB $_{OFF}$ | P_{Mid} | CELL $_{OFF}$
8. Wi-Fi 2.4/5/6E Power State 2: 802.15.4ab-NB $_{ON}$ | P_{Mid} | CELL $_{OFF}$
9. Wi-Fi 2.4/5/6E Power State 3: 802.15.4ab-NB $_{OFF}$ | P_{high} | CELL $_{OFF}$
10. Wi-Fi 2.4/5/6E Power State 4: 802.15.4ab-NB $_{OFF}$ | P_{low} | CELL $_{ON}$
11. Wi-Fi 2.4/5/6E Power State 5: 802.15.4ab-NB $_{ON}$ | P_{high} | CELL $_{OFF}$
12. Wi-Fi 2.4/5/6E Power State 6: 802.15.4ab-NB $_{ON}$ | P_{low} | CELL $_{ON}$
13. Bluetooth/NB UNII/802.15.4: P_{low} is used when both Wi-Fi and WWAN antennas are active.
14. 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.
15. 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.
16. Bluetooth/NB UNII/802.15.4: $P_{standalone}$ is used when Wi-Fi and WWAN antennas are inactive.
17. 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.
18. 5G NR only supported NSA mode.
19. 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)				∑ 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	0.178	0.984	0.000	0.020	0.178	0.198	0.984	1.004
	Left Tilt	0.178	0.248	0.000	0.020	0.178	0.198	0.248	0.268
	Right Cheek	0.178	0.248	0.000	0.087	0.178	0.265	0.248	0.334
	Right Tilt	0.178	0.248	0.000	0.040	0.178	0.218	0.248	0.288
Body-worn & Hotspot	Back	1.092	1.035	0.073	0.059	1.164	1.150	1.108	1.093
	Front	0.479	0.471	0.001	0.017	0.480	0.496	0.472	0.488
Hotspot	Edge Top		0.471		0.000	0.000	0.000	0.471	0.471
	Edge Right		1.144		0.000	0.000	0.000	1.144	1.144
	Edge Bottom	0.479		0.000		0.479	0.479	0.000	0.000
	Edge Left	0.783		0.019	0.036	0.803	0.819	0.019	0.036

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

RF Exposure conditions	Test Position	Standalone SAR (W/kg)						∑ 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	0.156	0.465	0.028	0.103	0.000	0.029	0.184	0.259	0.493	0.567	0.156	0.186	0.465	0.494
	Left Tilt	0.156	0.465	0.011	0.030	0.000	0.010	0.167	0.187	0.476	0.495	0.156	0.166	0.465	0.475
	Right Cheek	0.156	1.099	0.013	0.038	0.000	0.000	0.170	0.194	1.112	1.136	0.156	0.156	1.099	1.099
	Right Tilt	0.156	0.981	0.011	0.008	0.000	0.000	0.167	0.165	0.992	0.989	0.156	0.156	0.981	0.981
Body-worn & Hotspot	Back	1.166	1.124	0.110	0.089	0.004	0.034	1.276	1.255	1.234	1.213	1.170	1.200	1.128	1.158
	Front	0.171	0.475	0.033	0.036	0.001	0.016	0.204	0.206	0.508	0.510	0.172	0.187	0.476	0.491
Hotspot	Edge Top		0.475		0.002		0.003	0.000	0.002	0.475	0.477	0.000	0.003	0.475	0.478
	Edge Right				0.090		0.043	0.000	0.090	0.000	0.090	0.000	0.043	0.000	0.043
	Edge Bottom	0.171		0.021		0.000		0.191	0.171	0.021	0.000	0.171	0.171	0.000	0.000
	Edge Left	0.679	0.903	0.067		0.002		0.746	0.679	0.970	0.903	0.681	0.679	0.905	0.903

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)				∑ 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	0.178	0.984	0.001	0.008	0.179	0.186	0.985	0.992
	Left Tilt	0.178	0.248	0.001	0.007	0.179	0.185	0.249	0.255
	Right Cheek	0.178	0.248	0.001	0.039	0.179	0.217	0.249	0.287
	Right Tilt	0.178	0.248	0.001	0.027	0.179	0.205	0.249	0.275
Body-worn & Hotspot	Back	1.092	1.035	0.031	0.038	1.123	1.129	1.066	1.072
	Front	0.479	0.471	0.001	0.009	0.481	0.489	0.472	0.480
Hotspot	Edge Top		0.471		0.007	0.000	0.007	0.471	0.478
	Edge Right		1.144			0.000	0.000	1.144	1.144
	Edge Bottom	0.479		0.001		0.481	0.479	0.001	0.000
	Edge Left	0.783		0.025	0.029	0.809	0.813	0.025	0.029

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)						∑ 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	0.156	0.465	0.028	0.103	0.001	0.008	0.186	0.192	0.260	0.267	0.494	0.501	0.569	0.575
	Left Tilt	0.156	0.465	0.011	0.030	0.001	0.007	0.169	0.174	0.188	0.193	0.477	0.482	0.496	0.502
	Right Cheek	0.156	1.099	0.013	0.038	0.001	0.039	0.171	0.209	0.195	0.233	1.113	1.151	1.138	1.176
	Right Tilt	0.156	0.981	0.011	0.008	0.001	0.027	0.169	0.194	0.166	0.192	0.993	1.019	0.990	1.016
Body-worn & Hotspot	Back	1.166	1.124	0.110	0.089	0.031	0.038	1.307	1.313	1.286	1.293	1.265	1.272	1.244	1.251
	Front	0.171	0.475	0.033	0.036	0.001	0.009	0.205	0.213	0.208	0.216	0.509	0.517	0.512	0.520
Hotspot	Edge Top		0.475		0.002		0.007	0.000	0.007	0.002	0.009	0.475	0.481	0.477	0.484
	Edge Right				0.090			0.000	0.000	0.090	0.090	0.000	0.000	0.090	0.090
	Edge Bottom	0.171		0.021		0.001		0.193	0.191	0.172	0.171	0.022	0.021	0.001	0.000
	Edge Left	0.679	0.903	0.067		0.025	0.029	0.772	0.776	0.704	0.709	0.995	1.000	0.928	0.932

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)						∑ 1-g SAR (W/kg)							
		1	2	3	4	5	6								
		Wi-Fi 5G Pstate 2 ANT5	Wi-Fi 5G Pstate 2 ANT6	802.15.4 (P_{Mid}) ANT3	802.15.4 (P_{Mid}) ANT4	802.15.4ab NB ANT5	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	0.156	0.465	0.000	0.029	0.001	0.008	0.158	0.164	0.187	0.194	0.466	0.473	0.495	0.502
	Left Tilt	0.156	0.465	0.000	0.010	0.001	0.007	0.158	0.163	0.168	0.173	0.466	0.472	0.476	0.482
	Right Cheek	0.156	1.099	0.000	0.000	0.001	0.039	0.158	0.196	0.158	0.196	1.100	1.138	1.100	1.138
	Right Tilt	0.156	0.981	0.000	0.000	0.001	0.027	0.158	0.183	0.158	0.183	0.982	1.008	0.982	1.008
Body-worn & Hotspot	Back	1.166	1.124	0.004	0.034	0.031	0.038	1.201	1.207	1.231	1.238	1.159	1.166	1.189	1.196
	Front	0.171	0.475	0.001	0.016	0.001	0.009	0.174	0.182	0.188	0.196	0.477	0.485	0.492	0.500
Hotspot	Edge Top		0.475		0.003		0.007	0.000	0.007	0.003	0.010	0.475	0.481	0.478	0.485
	Edge Right				0.043			0.000	0.000	0.043	0.043	0.000	0.000	0.043	0.043
	Edge Bottom	0.171		0.000		0.001		0.172	0.171	0.172	0.171	0.001	0.000	0.001	0.000
	Edge Left	0.679	0.903	0.002		0.025	0.029	0.706	0.710	0.704	0.709	0.930	0.934	0.928	0.932

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

RF Exposure conditions	Test Position	Standalone SAR (W/kg)				∑ 1-g SAR (W/kg)			
		1	2	3	4				
		Wi-Fi 2.4G Pstate 3 ANT3	Wi-Fi 2.4G Pstate 3 ANT4	NB UNII (P_{High}) ANT5	NB UNII (P_{High}) ANT6	1+3	1+4	2+3	2+4
Head	Left Cheek	0.178	0.984	0.006	0.119	0.184	0.296	0.990	1.103
	Left Tilt	0.178	0.248	0.003	0.121	0.181	0.299	0.251	0.369
	Right Cheek	0.178	0.248	0.020	0.386	0.198	0.564	0.268	0.634
	Right Tilt	0.178	0.248	0.001	0.298	0.179	0.475	0.249	0.545
Body-worn & Hotspot	Back	1.092	1.035	0.395	0.196	1.486	1.287	1.430	1.231
	Front	0.479	0.471	0.026	0.034	0.505	0.513	0.497	0.505
Hotspot	Edge Top		0.471		0.027	0.000	0.027	0.471	0.498
	Edge Right		1.144			0.000	0.000	1.144	1.144
	Edge Bottom	0.479		0.020		0.499	0.479	0.020	0.000
	Edge Left	0.783		0.113	0.174	0.897	0.957	0.113	0.174

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

RF Exposure conditions	Test Position	Standalone SAR (W/kg)						∑ 1-g SAR (W/kg)							
		1	2	3	4	5	6								
		Wi-Fi 5G Pstate 3 ANT5	Wi-Fi 5G Pstate 3 ANT6	BT (P_{High}) ANT3	BT (P_{High}) ANT4	802.15.4 (P_{High}) ANT3	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	0.156	0.465	0.152	0.397	0.000	0.175	0.309	0.553	0.617	0.862	0.156	0.331	0.465	0.639
	Left Tilt	0.156	0.465	0.045	0.100	0.000	0.055	0.202	0.256	0.510	0.565	0.156	0.211	0.465	0.520
	Right Cheek	0.156	1.099	0.058	0.123	0.000	0.053	0.214	0.280	1.157	1.222	0.156	0.209	1.099	1.152
	Right Tilt	0.156	0.981	0.055	0.034	0.000	0.021	0.212	0.190	1.036	1.015	0.156	0.177	0.981	1.002
Body-worn & Hotspot	Back	1.166	1.124	0.397	0.245	0.020	0.143	1.563	1.411	1.521	1.369	1.186	1.309	1.144	1.267
	Front	0.171	0.475	0.285	0.199	0.006	0.051	0.456	0.369	0.760	0.673	0.176	0.222	0.480	0.525
Hotspot	Edge Top		0.475		0.021		0.015	0.000	0.021	0.475	0.495	0.000	0.015	0.475	0.490
	Edge Right				0.395		0.161	0.000	0.395	0.000	0.395	0.000	0.161	0.000	0.161
	Edge Bottom	0.171		0.108		0.001		0.279	0.171	0.108	0.000	0.172	0.171	0.001	0.000
	Edge Left	0.679	0.903	0.247		0.006		0.926	0.679	1.150	0.903	0.685	0.679	0.909	0.903

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)						∑ 1-g SAR (W/kg)							
		1	2	3	4	5	6								
		Wi-Fi 5G Pstate 5 ANT5	Wi-Fi 5G Pstate 5 ANT6	BT (P_{High}) ANT3	BT (P_{High}) ANT4	802.15.4ab NB ANT5	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	0.139	0.414	0.152	0.397	0.001	0.008	0.293	0.300	0.538	0.544	0.568	0.575	0.813	0.819
	Left Tilt	0.139	0.414	0.045	0.100	0.001	0.007	0.186	0.191	0.240	0.246	0.461	0.466	0.515	0.521
	Right Cheek	0.139	0.979	0.058	0.123	0.001	0.039	0.199	0.236	0.264	0.302	1.038	1.076	1.104	1.142
	Right Tilt	0.139	0.874	0.055	0.034	0.001	0.027	0.196	0.222	0.175	0.200	0.931	0.957	0.909	0.935
Body-worn & Hotspot	Back	1.090	1.002	0.397	0.245	0.031	0.038	1.518	1.525	1.366	1.372	1.430	1.437	1.278	1.284
	Front	0.273	0.423	0.285	0.199	0.001	0.009	0.559	0.567	0.473	0.481	0.710	0.718	0.623	0.631
Hotspot	Edge Top		0.423		0.021		0.007	0.000	0.007	0.021	0.027	0.423	0.430	0.444	0.450
	Edge Right				0.395			0.000	0.000	0.395	0.395	0.000	0.000	0.395	0.395
	Edge Bottom	0.273		0.108		0.001		0.382	0.381	0.274	0.273	0.110	0.108	0.001	0.000
	Edge Left	0.616	0.805	0.247		0.025	0.029	0.888	0.892	0.641	0.645	1.077	1.081	0.830	0.834

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)						∑ 1-g SAR (W/kg)							
		1	2	3	4	5	6								
		Wi-Fi 5G Pstate 5 ANT5	Wi-Fi 5G Pstate 5 ANT6	802.15.4 (P_{High}) ANT3	802.15.4 (P_{High}) ANT4	802.15.4ab NB ANT5	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	0.139	0.414	0.000	0.175	0.001	0.008	0.141	0.147	0.315	0.322	0.416	0.422	0.590	0.597
	Left Tilt	0.139	0.414	0.000	0.055	0.001	0.007	0.141	0.146	0.196	0.201	0.416	0.421	0.471	0.476
	Right Cheek	0.139	0.979	0.000	0.053	0.001	0.039	0.141	0.179	0.194	0.232	0.981	1.018	1.034	1.071
	Right Tilt	0.139	0.874	0.000	0.021	0.001	0.027	0.141	0.166	0.162	0.187	0.875	0.901	0.897	0.922
Body-worn & Hotspot	Back	1.090	1.002	0.020	0.143	0.031	0.038	1.141	1.148	1.264	1.271	1.053	1.059	1.176	1.182
	Front	0.273	0.423	0.006	0.051	0.001	0.009	0.280	0.288	0.325	0.333	0.430	0.438	0.475	0.483
Hotspot	Edge Top		0.423		0.015		0.007	0.000	0.007	0.015	0.022	0.423	0.430	0.438	0.445
	Edge Right				0.161			0.000	0.000	0.161	0.161	0.000	0.000	0.161	0.161
	Edge Bottom	0.273		0.001		0.001		0.275	0.274	0.274	0.273	0.003	0.001	0.001	0.000
	Edge Left	0.616	0.805	0.006		0.025	0.029	0.647	0.651	0.641	0.645	0.836	0.840	0.830	0.834

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

RF Exposure conditions	Test Position	Standalone SAR (W/kg)							∑ 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	0.026	0.152	0.397	0.006	0.119	0.000	0.175	0.179	0.423	0.032	0.145	0.026	0.201
	Left Tilt	0.014	0.045	0.100	0.003	0.121	0.000	0.055	0.059	0.113	0.017	0.135	0.014	0.069
	Right Cheek	0.059	0.058	0.123	0.020	0.386	0.000	0.053	0.117	0.182	0.079	0.445	0.059	0.112
	Right Tilt	0.014	0.055	0.034	0.001	0.298	0.000	0.021	0.069	0.048	0.015	0.311	0.014	0.035
Body-worn & Hotspot	Back	0.620	0.397	0.245	0.395	0.196	0.020	0.143	1.017	0.865	1.015	0.816	0.640	0.763
	Front	0.486	0.285	0.199	0.026	0.034	0.006	0.051	0.771	0.685	0.512	0.520	0.492	0.537
Hotspot	Edge Top			0.021		0.027		0.015	0.000	0.021	0.000	0.027	0.000	0.015
	Edge Right	0.428		0.395				0.161	0.428	0.823	0.428	0.428	0.428	0.589
	Edge Bottom	0.818	0.108		0.020		0.001		0.926	0.818	0.838	0.818	0.819	0.818
	Edge Left	0.058	0.247		0.113	0.174	0.006		0.305	0.058	0.171	0.232	0.064	0.058

RF Exposure conditions	Test Position	Standalone SAR (W/kg)							∑ 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	0.446	0.152	0.397	0.006	0.119	0.000	0.175	0.598	0.843	0.452	0.564	0.446	0.620
	Left Tilt	0.503	0.045	0.100	0.003	0.121	0.000	0.055	0.548	0.602	0.506	0.624	0.503	0.558
	Right Cheek	0.909	0.058	0.123	0.020	0.386	0.000	0.053	0.967	1.032	0.929	1.295	0.909	0.962
	Right Tilt	0.766	0.055	0.034	0.001	0.298	0.000	0.021	0.822	0.800	0.767	1.064	0.766	0.787
Body-worn & Hotspot	Back	0.874	0.397	0.245	0.395	0.196	0.020	0.143	1.271	1.118	1.269	1.070	0.893	1.016
	Front	0.375	0.285	0.199	0.026	0.034	0.006	0.051	0.661	0.574	0.401	0.410	0.381	0.426
Hotspot	Edge Top	0.392		0.021		0.027		0.015	0.392	0.413	0.392	0.419	0.392	0.407
	Edge Right	0.030		0.395				0.161	0.030	0.425	0.030	0.030	0.030	0.191
	Edge Bottom		0.108		0.020		0.001		0.108	0.000	0.020	0.000	0.001	0.000
	Edge Left	0.743	0.247		0.113	0.174	0.006		0.990	0.743	0.856	0.917	0.749	0.743

RF Exposure conditions	Test Position	Standalone SAR (W/kg)							∑ 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	0.796	0.397	0.245	0.395	0.196	0.020	0.143	1.193	1.041	1.191	0.992	0.816	0.939
	Front	0.370	0.285	0.199	0.026	0.034	0.006	0.051	0.655	0.568	0.395	0.404	0.375	0.420
Hotspot	Edge Top	0.059		0.021		0.027		0.015	0.059	0.079	0.059	0.085	0.059	0.074
	Edge Right	0.838		0.395				0.161	0.838	1.233	0.838	0.838	0.838	0.998
	Edge Bottom		0.108		0.020		0.001		0.108	0.000	0.020	0.000	0.001	0.000
	Edge Left		0.247		0.113	0.174	0.006		0.247	0.000	0.113	0.174	0.006	0.000

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

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 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	0.026	0.011	0.095	0.001	0.008	0.039	0.046	0.122	0.129
	Left Tilt	0.014	0.002	0.024	0.001	0.007	0.017	0.022	0.039	0.044
	Right Cheek	0.059	0.003	0.022	0.001	0.039	0.063	0.101	0.082	0.120
	Right Tilt	0.014	0.003	0.005	0.001	0.027	0.018	0.044	0.020	0.046
Body-worn & Hotspot	Back	0.620	0.065	0.083	0.031	0.038	0.716	0.723	0.734	0.741
	Front	0.486	0.047	0.036	0.001	0.009	0.534	0.542	0.523	0.531
Hotspot	Edge Top			0.000		0.007	0.000	0.007	0.000	0.007
	Edge Right	0.428		0.099			0.428	0.428	0.527	0.527
	Edge Bottom	0.818	0.022		0.001		0.842	0.840	0.819	0.818
	Edge Left	0.058	0.064		0.025	0.029	0.147	0.151	0.083	0.087

	Test Position	Standalone SAR (W/kg)					∑ 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	0.446	0.011	0.095	0.001	0.008	0.458	0.465	0.542	0.549
	Left Tilt	0.503	0.002	0.024	0.001	0.007	0.506	0.511	0.528	0.533
	Right Cheek	0.909	0.003	0.022	0.001	0.039	0.913	0.951	0.933	0.971
	Right Tilt	0.766	0.003	0.005	0.001	0.027	0.771	0.796	0.773	0.798
Body-worn & Hotspot	Back	0.874	0.065	0.083	0.031	0.038	0.970	0.976	0.988	0.994
	Front	0.375	0.047	0.036	0.001	0.009	0.424	0.432	0.412	0.420
Hotspot	Edge Top	0.392		0.000		0.007	0.392	0.399	0.392	0.399
	Edge Right	0.030		0.099			0.030	0.030	0.129	0.129
	Edge Bottom		0.022		0.001		0.024	0.022	0.001	0.000
	Edge Left	0.743	0.064		0.025	0.029	0.832	0.836	0.768	0.772

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 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	0.796	0.065	0.083	0.031	0.038	0.892	0.899	0.910	0.917
	Front	0.370	0.047	0.036	0.001	0.009	0.418	0.426	0.407	0.415
Hotspot	Edge Top	0.059		0.000		0.007	0.059	0.065	0.059	0.065
	Edge Right	0.838		0.099			0.838	0.838	0.937	0.937
	Edge Bottom		0.022		0.001		0.024	0.022	0.001	0.000
	Edge Left		0.064		0.025	0.029	0.089	0.093	0.025	0.029

12.12. WWAN(TNE) $_{\text{Cell-on}}$ & 802.15.4 & 802.15.4ab NB

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 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	0.026	0.000	0.175	0.001	0.008	0.028	0.034	0.028	0.034
	Left Tilt	0.014	0.000	0.055	0.001	0.007	0.015	0.020	0.015	0.020
	Right Cheek	0.059	0.000	0.053	0.001	0.039	0.060	0.098	0.060	0.098
	Right Tilt	0.014	0.000	0.021	0.001	0.027	0.015	0.041	0.015	0.041
Body-worn & Hotspot	Back	0.620	0.020	0.143	0.031	0.038	0.671	0.677	0.671	0.677
	Front	0.486	0.006	0.051	0.001	0.009	0.493	0.501	0.493	0.501
Hotspot	Edge Top			0.015		0.007	0.000	0.007	0.000	0.007
	Edge Right	0.428		0.161			0.428	0.428	0.428	0.428
	Edge Bottom	0.818	0.001		0.001		0.821	0.819	0.821	0.819
	Edge Left	0.058	0.006		0.025	0.029	0.089	0.093	0.089	0.093

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 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	0.446	0.000	0.175	0.001	0.008	0.447	0.454	0.447	0.454
	Left Tilt	0.503	0.000	0.055	0.001	0.007	0.504	0.509	0.504	0.509
	Right Cheek	0.909	0.000	0.053	0.001	0.039	0.910	0.948	0.910	0.948
	Right Tilt	0.766	0.000	0.021	0.001	0.027	0.768	0.793	0.768	0.793
Body-worn & Hotspot	Back	0.874	0.020	0.143	0.031	0.038	0.924	0.931	0.924	0.931
	Front	0.375	0.006	0.051	0.001	0.009	0.382	0.390	0.382	0.390
Hotspot	Edge Top	0.392		0.015		0.007	0.392	0.399	0.392	0.399
	Edge Right	0.030		0.161			0.030	0.030	0.030	0.030
	Edge Bottom		0.001		0.001		0.003	0.001	0.003	0.001
	Edge Left	0.743	0.006		0.025	0.029	0.774	0.778	0.774	0.778

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 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				
Body-worn & Hotspot	Back	0.796	0.020	0.143	0.031	0.038	0.847	0.853	0.847	0.853
	Front	0.370	0.006	0.051	0.001	0.009	0.377	0.385	0.377	0.385
Hotspot	Edge Top	0.059		0.015		0.007	0.059	0.065	0.059	0.065
	Edge Right	0.838		0.161			0.838	0.838	0.838	0.838
	Edge Bottom		0.001		0.001		0.003	0.001	0.003	0.001
	Edge Left		0.006		0.025	0.029	0.032	0.036	0.032	0.036

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

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 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	0.026	0.097	0.402	0.001	0.004	0.124	0.127	0.430	0.433
	Left Tilt	0.014	0.097	0.115	0.001	0.003	0.112	0.114	0.130	0.132
	Right Cheek	0.059	0.097	0.115	0.001	0.022	0.157	0.178	0.175	0.196
	Right Tilt	0.014	0.097	0.115	0.001	0.016	0.112	0.126	0.130	0.145
Body-worn & Hotspot	Back	0.620	0.434	0.297	0.030	0.055	1.084	1.109	0.947	0.972
	Front	0.486	0.229	0.297	0.001	0.000	0.716	0.715	0.784	0.783
Hotspot	Edge Top			0.297		0.000	0.000	0.000	0.297	0.297
	Edge Right	0.428		0.451			0.428	0.428	0.879	0.879
	Edge Bottom	0.818	0.229		0.001		1.048	1.047	0.819	0.818
	Edge Left	0.058	0.436		0.009	0.024	0.503	0.518	0.067	0.082

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 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	0.446	0.097	0.402	0.001	0.004	0.544	0.547	0.849	0.853
	Left Tilt	0.503	0.097	0.115	0.001	0.003	0.600	0.603	0.619	0.621
	Right Cheek	0.909	0.097	0.115	0.001	0.022	1.007	1.028	1.025	1.047
	Right Tilt	0.766	0.097	0.115	0.001	0.016	0.864	0.879	0.883	0.897
Body-worn & Hotspot	Back	0.874	0.434	0.297	0.030	0.055	1.338	1.363	1.201	1.226
	Front	0.375	0.229	0.297	0.001	0.000	0.605	0.604	0.674	0.673
Hotspot	Edge Top	0.392		0.297		0.000	0.392	0.392	0.689	0.689
	Edge Right	0.030		0.451			0.030	0.030	0.481	0.481
	Edge Bottom		0.229		0.001		0.230	0.229	0.001	0.000
	Edge Left	0.743	0.436		0.009	0.024	1.188	1.203	0.752	0.767

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 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	0.796	0.434	0.297	0.030	0.055	1.260	1.285	1.123	1.148
	Front	0.370	0.229	0.297	0.001	0.000	0.599	0.598	0.668	0.667
Hotspot	Edge Top	0.059		0.297		0.000	0.059	0.059	0.356	0.356
	Edge Right	0.838		0.451			0.838	0.838	1.289	1.289
	Edge Bottom		0.229		0.001		0.230	0.229	0.001	0.000
	Edge Left		0.436		0.009	0.024	0.445	0.460	0.009	0.024

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

RF Exposure conditions	Test Position	Standalone SAR (W/kg)							∑ 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	0.026	0.039	0.356	0.011	0.095	0.000	0.028	0.076	0.160	0.394	0.477	0.065	0.093	0.383	0.410
	Left Tilt	0.014	0.039	0.356	0.002	0.024	0.000	0.009	0.055	0.076	0.372	0.394	0.053	0.061	0.370	0.379
	Right Cheek	0.059	0.174	0.356	0.003	0.022	0.000	0.009	0.235	0.255	0.418	0.437	0.232	0.241	0.415	0.424
	Right Tilt	0.014	0.039	0.443	0.003	0.005	0.000	0.003	0.056	0.058	0.460	0.462	0.053	0.055	0.457	0.460
Body-worn & Hotspot	Back	0.620	0.460	0.452	0.065	0.083	0.002	0.035	1.145	1.163	1.137	1.155	1.082	1.114	1.074	1.107
	Front	0.486	0.109	0.166	0.047	0.036	0.000	0.014	0.642	0.631	0.699	0.688	0.595	0.609	0.652	0.666
Hotspot	Edge Top			0.166		0.000		0.004	0.000	0.000	0.166	0.166	0.000	0.004	0.166	0.170
	Edge Right	0.428				0.099		0.034	0.428	0.527	0.428	0.527	0.428	0.462	0.428	0.462
	Edge Bottom	0.818	0.109		0.022		0.000		0.949	0.927	0.840	0.818	0.927	0.927	0.818	0.818
	Edge Left	0.058	0.354	0.343	0.064		0.000		0.475	0.411	0.465	0.401	0.411	0.411	0.401	0.401

RF Exposure conditions	Test Position	Standalone SAR (W/kg)							∑ 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	0.446	0.039	0.356	0.011	0.095	0.000	0.028	0.496	0.579	0.814	0.897	0.485	0.512	0.802	0.830
	Left Tilt	0.503	0.039	0.356	0.002	0.024	0.000	0.009	0.543	0.565	0.861	0.883	0.541	0.550	0.859	0.868
	Right Cheek	0.909	0.174	0.356	0.003	0.022	0.000	0.009	1.086	1.105	1.268	1.288	1.083	1.092	1.265	1.274
	Right Tilt	0.766	0.039	0.443	0.003	0.005	0.000	0.003	0.808	0.810	1.213	1.215	0.805	0.808	1.210	1.213
Body-worn & Hotspot	Back	0.874	0.460	0.452	0.065	0.083	0.002	0.035	1.399	1.416	1.391	1.409	1.335	1.368	1.328	1.360
	Front	0.375	0.109	0.166	0.047	0.036	0.000	0.014	0.531	0.520	0.589	0.577	0.485	0.499	0.542	0.556
Hotspot	Edge Top	0.392		0.166		0.000		0.004	0.392	0.392	0.558	0.558	0.392	0.396	0.558	0.562
	Edge Right	0.030				0.099		0.034	0.030	0.129	0.030	0.129	0.030	0.065	0.030	0.065
	Edge Bottom		0.109		0.022		0.000		0.131	0.109	0.022	0.000	0.109	0.109	0.000	0.000
	Edge Left	0.743	0.354	0.343	0.064		0.000		1.160	1.096	1.150	1.086	1.096	1.096	1.086	1.086

RF Exposure conditions	Test Position	Standalone SAR (W/kg)							∑ 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	0.796	0.460	0.452	0.065	0.083	0.002	0.035	1.321	1.339	1.313	1.331	1.258	1.291	1.250	1.283
	Front	0.370	0.109	0.166	0.047	0.036	0.000	0.014	0.526	0.515	0.583	0.572	0.479	0.493	0.536	0.550
Hotspot	Edge Top	0.059		0.166		0.000		0.004	0.059	0.059	0.225	0.225	0.059	0.062	0.225	0.229
	Edge Right	0.838				0.099		0.034	0.838	0.937	0.838	0.937	0.838	0.872	0.838	0.872
	Edge Bottom		0.109		0.022		0.000		0.131	0.109	0.022	0.000	0.109	0.109	0.000	0.000
	Edge Left		0.354	0.343	0.064		0.000		0.418	0.354	0.407	0.343	0.354	0.354	0.343	0.343

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

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 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	0.026	0.097	0.320	0.001	0.008	0.125	0.132	0.347	0.354
	Left Tilt	0.014	0.097	0.092	0.001	0.007	0.112	0.118	0.107	0.112
	Right Cheek	0.059	0.097	0.092	0.001	0.039	0.157	0.195	0.152	0.189
	Right Tilt	0.014	0.097	0.092	0.001	0.027	0.112	0.138	0.107	0.132
Body-worn & Hotspot	Back	0.620	0.328	0.236	0.031	0.038	0.979	0.985	0.887	0.893
	Front	0.486	0.328	0.236	0.001	0.009	0.815	0.823	0.723	0.731
Hotspot	Edge Top			0.236		0.007	0.000	0.007	0.236	0.243
	Edge Right	0.428		0.358			0.428	0.428	0.786	0.786
	Edge Bottom	0.818	0.328		0.001		1.147	1.146	0.819	0.818
	Edge Left	0.058	0.328		0.025	0.029	0.411	0.415	0.083	0.087

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 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	0.446	0.097	0.320	0.001	0.008	0.545	0.551	0.767	0.773
	Left Tilt	0.503	0.097	0.092	0.001	0.007	0.601	0.607	0.595	0.601
	Right Cheek	0.909	0.097	0.092	0.001	0.039	1.008	1.046	1.002	1.040
	Right Tilt	0.766	0.097	0.092	0.001	0.027	0.865	0.891	0.859	0.885
Body-worn & Hotspot	Back	0.874	0.328	0.236	0.031	0.038	1.232	1.239	1.141	1.147
	Front	0.375	0.328	0.236	0.001	0.009	0.705	0.712	0.613	0.621
Hotspot	Edge Top	0.392		0.236		0.007	0.392	0.399	0.628	0.635
	Edge Right	0.030		0.358			0.030	0.030	0.388	0.388
	Edge Bottom		0.328		0.001		0.329	0.328	0.001	0.000
	Edge Left	0.743	0.328		0.025	0.029	1.096	1.100	0.768	0.772

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 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	0.796	0.328	0.236	0.031	0.038	1.155	1.161	1.063	1.070
	Front	0.370	0.328	0.236	0.001	0.009	0.699	0.707	0.607	0.615
Hotspot	Edge Top	0.059		0.236		0.007	0.059	0.065	0.295	0.301
	Edge Right	0.838		0.358			0.838	0.838	1.196	1.196
	Edge Bottom		0.328		0.001		0.329	0.328	0.001	0.000
	Edge Left		0.328		0.025	0.029	0.353	0.357	0.025	0.029

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

RF Exposure conditions	Test Position	Standalone SAR (W/kg)							∑ 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_{Low}) ANT3	BT (P_{Low}) ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6								
Head	Left Cheek	0.026	0.031	0.275	0.011	0.095	0.001	0.008	0.070	0.077	0.314	0.321	0.153	0.160	0.397	0.404
	Left Tilt	0.014	0.031	0.275	0.002	0.024	0.001	0.007	0.048	0.053	0.292	0.297	0.070	0.075	0.314	0.319
	Right Cheek	0.059	0.138	0.275	0.003	0.022	0.001	0.039	0.201	0.239	0.338	0.376	0.220	0.258	0.357	0.395
	Right Tilt	0.014	0.031	0.342	0.003	0.005	0.001	0.027	0.049	0.075	0.360	0.386	0.051	0.077	0.362	0.388
Body-worn & Hotspot	Back	0.620	0.360	0.360	0.065	0.083	0.031	0.038	1.076	1.083	1.076	1.082	1.094	1.101	1.094	1.100
	Front	0.486	0.042	0.128	0.047	0.036	0.001	0.009	0.577	0.585	0.662	0.670	0.565	0.573	0.651	0.659
Hotspot	Edge Top			0.128		0.000		0.007	0.000	0.007	0.128	0.135	0.000	0.007	0.128	0.135
	Edge Right	0.428				0.099			0.428	0.428	0.428	0.428	0.527	0.527	0.527	0.527
	Edge Bottom	0.818	0.042		0.022		0.001		0.884	0.883	0.842	0.840	0.862	0.860	0.819	0.818
	Edge Left	0.058	0.326	0.279	0.064		0.025	0.029	0.472	0.477	0.426	0.430	0.409	0.413	0.362	0.366

RF Exposure conditions	Test Position	Standalone SAR (W/kg)							∑ 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_{Low}) ANT3	BT (P_{Low}) ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6								
Head	Left Cheek	0.446	0.031	0.275	0.011	0.095	0.001	0.008	0.489	0.496	0.733	0.740	0.573	0.580	0.817	0.824
	Left Tilt	0.503	0.031	0.275	0.002	0.024	0.001	0.007	0.537	0.542	0.781	0.786	0.558	0.564	0.803	0.808
	Right Cheek	0.909	0.138	0.275	0.003	0.022	0.001	0.039	1.051	1.089	1.188	1.226	1.071	1.109	1.208	1.245
	Right Tilt	0.766	0.031	0.342	0.003	0.005	0.001	0.027	0.801	0.827	1.113	1.138	0.804	0.829	1.115	1.141
Body-worn & Hotspot	Back	0.874	0.360	0.360	0.065	0.083	0.031	0.038	1.330	1.337	1.330	1.336	1.348	1.355	1.347	1.354
	Front	0.375	0.042	0.128	0.047	0.036	0.001	0.009	0.466	0.474	0.552	0.560	0.455	0.463	0.541	0.549
Hotspot	Edge Top	0.392		0.128		0.000		0.007	0.392	0.399	0.520	0.527	0.392	0.399	0.520	0.527
	Edge Right	0.030				0.099			0.030	0.030	0.030	0.030	0.129	0.129	0.129	0.129
	Edge Bottom		0.042		0.022		0.001		0.066	0.065	0.024	0.022	0.044	0.042	0.001	0.000
	Edge Left	0.743	0.326	0.279	0.064		0.025	0.029	1.158	1.162	1.111	1.115	1.094	1.098	1.047	1.051

RF Exposure conditions	Test Position	Standalone SAR (W/kg)							∑ 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								
Body-worn & Hotspot	Back	0.796	0.360	0.360	0.065	0.083	0.031	0.038	1.253	1.259	1.252	1.259	1.270	1.277	1.270	1.276
	Front	0.370	0.042	0.128	0.047	0.036	0.001	0.009	0.460	0.468	0.546	0.554	0.449	0.457	0.535	0.543
Hotspot	Edge Top	0.059		0.128		0.000		0.007	0.059	0.065	0.187	0.194	0.059	0.065	0.187	0.194
	Edge Right	0.838				0.099			0.838	0.838	0.838	0.838	0.937	0.937	0.937	0.937
	Edge Bottom		0.042		0.022		0.001		0.066	0.065	0.024	0.022	0.044	0.042	0.001	0.000
	Edge Left		0.326	0.279	0.064		0.025	0.029	0.415	0.419	0.368	0.372	0.351	0.355	0.304	0.308

12.17. 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)							∑ 1-g SAR (W/kg)							
		1	2	3	4	5	6	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	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
Head	Left Cheek	0.026	0.031	0.275	0.000	0.028	0.001	0.008	0.058	0.065	0.302	0.309	0.086	0.093	0.330	0.337
	Left Tilt	0.014	0.031	0.275	0.000	0.009	0.001	0.007	0.046	0.051	0.290	0.295	0.055	0.060	0.299	0.304
	Right Cheek	0.059	0.138	0.275	0.000	0.009	0.001	0.039	0.198	0.236	0.335	0.373	0.207	0.245	0.344	0.382
	Right Tilt	0.014	0.031	0.342	0.000	0.003	0.001	0.027	0.046	0.072	0.357	0.383	0.049	0.075	0.360	0.386
Body-worn & Hotspot	Back	0.620	0.360	0.360	0.002	0.035	0.031	0.038	1.013	1.020	1.012	1.019	1.046	1.053	1.045	1.052
	Front	0.486	0.042	0.128	0.000	0.014	0.001	0.009	0.530	0.538	0.616	0.624	0.544	0.552	0.630	0.637
Hotspot	Edge Top			0.128		0.004		0.007	0.000	0.007	0.128	0.135	0.004	0.010	0.132	0.139
	Edge Right	0.428				0.034			0.428	0.428	0.428	0.428	0.462	0.462	0.462	0.462
	Edge Bottom	0.818	0.042		0.000		0.001		0.862	0.860	0.819	0.818	0.862	0.860	0.819	0.818
	Edge Left	0.058	0.326	0.279	0.000		0.025	0.029	0.409	0.413	0.362	0.366	0.409	0.413	0.362	0.366

RF Exposure conditions	Test Position	Standalone SAR (W/kg)							∑ 1-g SAR (W/kg)							
		1	2	3	4	5	6	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	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
Head	Left Cheek	0.446	0.031	0.275	0.000	0.028	0.001	0.008	0.478	0.485	0.722	0.729	0.506	0.512	0.750	0.756
	Left Tilt	0.503	0.031	0.275	0.000	0.009	0.001	0.007	0.535	0.540	0.779	0.784	0.544	0.549	0.788	0.793
	Right Cheek	0.909	0.138	0.275	0.000	0.009	0.001	0.039	1.048	1.086	1.185	1.223	1.057	1.095	1.194	1.232
	Right Tilt	0.766	0.031	0.342	0.000	0.003	0.001	0.027	0.798	0.824	1.110	1.135	0.801	0.827	1.113	1.138
Body-worn & Hotspot	Back	0.874	0.360	0.360	0.002	0.035	0.031	0.038	1.267	1.274	1.266	1.273	1.300	1.306	1.299	1.306
	Front	0.375	0.042	0.128	0.000	0.014	0.001	0.009	0.419	0.427	0.505	0.513	0.433	0.441	0.519	0.527
Hotspot	Edge Top	0.392		0.128		0.004		0.007	0.392	0.399	0.520	0.527	0.396	0.402	0.524	0.531
	Edge Right	0.030				0.034			0.030	0.030	0.030	0.030	0.065	0.065	0.065	0.065
	Edge Bottom		0.042		0.000		0.001		0.044	0.042	0.001	0.000	0.044	0.042	0.001	0.000
	Edge Left	0.743	0.326	0.279	0.000		0.025	0.029	1.094	1.098	1.047	1.051	1.094	1.098	1.047	1.051

RF Exposure conditions	Test Position	Standalone SAR (W/kg)							∑ 1-g SAR (W/kg)							
		1	2	3	4	5	6	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	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
Body-worn & Hotspot	Back	0.796	0.360	0.360	0.002	0.035	0.031	0.038	1.189	1.196	1.189	1.195	1.222	1.229	1.222	1.228
	Front	0.370	0.042	0.128	0.000	0.014	0.001	0.009	0.414	0.421	0.499	0.507	0.427	0.435	0.513	0.521
Hotspot	Edge Top	0.059		0.128		0.004		0.007	0.059	0.065	0.187	0.194	0.062	0.069	0.191	0.197
	Edge Right	0.838				0.034			0.838	0.838	0.838	0.838	0.872	0.872	0.872	0.872
	Edge Bottom		0.042		0.000		0.001		0.044	0.042	0.001	0.000	0.044	0.042	0.001	0.000
	Edge Left		0.326	0.279	0.000		0.025	0.029	0.351	0.355	0.304	0.309	0.351	0.355	0.304	0.308

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

RF Exposure conditions	Test Position	Standalone SAR (W/kg)							∑ 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	0.214	0.152	0.397	0.006	0.119	0.000	0.175	0.366	0.611	0.220	0.332	0.214	0.389
	Left Tilt	0.117	0.045	0.100	0.003	0.121	0.000	0.055	0.162	0.217	0.120	0.238	0.117	0.172
	Right Cheek	0.364	0.058	0.123	0.020	0.386	0.000	0.053	0.421	0.487	0.384	0.750	0.364	0.417
	Right Tilt	0.159	0.055	0.034	0.001	0.298	0.000	0.021	0.214	0.193	0.160	0.457	0.159	0.180
Body-worn & Hotspot	Back	0.933	0.397	0.245	0.395	0.196	0.020	0.143	1.330	1.178	1.328	1.129	0.953	1.076
	Front	0.617	0.285	0.199	0.026	0.034	0.006	0.051	0.902	0.815	0.643	0.651	0.622	0.668
Hotspot	Edge Top			0.021		0.027		0.015	0.000	0.021	0.000	0.027	0.000	0.015
	Edge Right	0.948		0.395				0.161	0.948	1.343	0.948	0.948	0.948	1.109
	Edge Bottom	0.950	0.108		0.020		0.001		1.059	0.950	0.970	0.950	0.952	0.950
	Edge Left	0.382	0.247		0.113	0.174	0.006		0.629	0.382	0.495	0.555	0.388	0.382

RF Exposure conditions	Test Position	Standalone SAR (W/kg)							∑ 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	0.731	0.152	0.397	0.006	0.119	0.000	0.175	0.884	1.128	0.738	0.850	0.731	0.906
	Left Tilt	0.766	0.045	0.100	0.003	0.121	0.000	0.055	0.811	0.866	0.769	0.887	0.766	0.821
	Right Cheek	0.937	0.058	0.123	0.020	0.386	0.000	0.053	0.995	1.060	0.957	1.323	0.937	0.990
	Right Tilt	0.938	0.055	0.034	0.001	0.298	0.000	0.021	0.993	0.972	0.939	1.236	0.938	0.959
Body-worn & Hotspot	Back	0.940	0.397	0.245	0.395	0.196	0.020	0.143	1.337	1.185	1.335	1.136	0.960	1.083
	Front	0.573	0.285	0.199	0.026	0.034	0.006	0.051	0.859	0.772	0.599	0.607	0.579	0.624
Hotspot	Edge Top	0.948		0.021		0.027		0.015	0.948	0.969	0.948	0.975	0.948	0.964
	Edge Right	0.264		0.395				0.161	0.264	0.659	0.264	0.264	0.264	0.425
	Edge Bottom		0.108		0.020		0.001		0.108	0.000	0.020	0.000	0.001	0.000
	Edge Left	0.937	0.247		0.113	0.174	0.006		1.184	0.937	1.050	1.111	0.943	0.937

RF Exposure conditions	Test Position	Standalone SAR (W/kg)							∑ 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	0.313	0.152	0.397	0.006	0.119	0.000	0.175	0.465	0.710	0.319	0.432	0.313	0.488
	Left Tilt	0.162	0.045	0.100	0.003	0.121	0.000	0.055	0.208	0.262	0.165	0.283	0.162	0.217
	Right Cheek	0.287	0.058	0.123	0.020	0.386	0.000	0.053	0.345	0.411	0.307	0.674	0.287	0.340
	Right Tilt	0.157	0.055	0.034	0.001	0.298	0.000	0.021	0.213	0.192	0.158	0.455	0.158	0.179
Body-worn & Hotspot	Back	0.950	0.397	0.245	0.395	0.196	0.020	0.143	1.347	1.195	1.345	1.146	0.970	1.093
	Front	0.600	0.285	0.199	0.026	0.034	0.006	0.051	0.885	0.799	0.626	0.634	0.606	0.651
Hotspot	Edge Top			0.021		0.027		0.015	0.000	0.021	0.000	0.027	0.000	0.015
	Edge Right			0.395				0.161	0.000	0.395	0.000	0.000	0.000	0.161
	Edge Bottom	0.471	0.108		0.020		0.001		0.580	0.471	0.491	0.471	0.473	0.471
	Edge Left	0.892	0.247		0.113	0.174	0.006		1.139	0.892	1.005	1.066	0.898	0.892

RF Exposure conditions	Test Position	Standalone SAR (W/kg)							∑ 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						
Head	Left Cheek	0.944	0.152	0.397	0.006	0.119	0.000	0.175	1.096	1.341	0.950	1.062	0.944	1.118
	Left Tilt	0.645	0.045	0.100	0.003	0.121	0.000	0.055	0.690	0.745	0.648	0.766	0.645	0.700
	Right Cheek	0.458	0.058	0.123	0.020	0.386	0.000	0.053	0.516	0.581	0.478	0.844	0.458	0.511
	Right Tilt	0.293	0.055	0.034	0.001	0.298	0.000	0.021	0.348	0.327	0.294	0.590	0.293	0.314
Body-worn & Hotspot	Back	0.947	0.397	0.245	0.395	0.196	0.020	0.143	1.344	1.192	1.342	1.143	0.967	1.090
	Front	0.486	0.285	0.199	0.026	0.034	0.006	0.051	0.772	0.685	0.512	0.521	0.492	0.537
Hotspot	Edge Top	0.589		0.021		0.027		0.015	0.589	0.610	0.589	0.616	0.589	0.605
	Edge Right	0.949		0.395				0.161	0.949	1.344	0.949	0.949	0.949	1.110
	Edge Bottom		0.108		0.020		0.001		0.108	0.000	0.020	0.000	0.001	0.000
	Edge Left		0.247		0.113	0.174	0.006		0.247	0.000	0.113	0.174	0.006	0.000

RF Exposure conditions	Test Position	Standalone SAR (W/kg)							∑ 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_{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	0.047	0.152	0.397	0.006	0.119	0.000	0.175	0.199	0.444	0.053	0.166	0.047	0.222
	Left Tilt	0.047	0.045	0.100	0.003	0.121	0.000	0.055	0.092	0.147	0.050	0.168	0.047	0.102
	Right Cheek	0.225	0.058	0.123	0.020	0.386	0.000	0.053	0.283	0.348	0.245	0.612	0.225	0.278
	Right Tilt	0.014	0.055	0.034	0.001	0.298	0.000	0.021	0.069	0.048	0.015	0.311	0.014	0.035
Body-worn & Hotspot	Back	0.847	0.397	0.245	0.395	0.196	0.020	0.143	1.244	1.092	1.242	1.043	0.867	0.990
	Front	0.323	0.285	0.199	0.026	0.034	0.006	0.051	0.608	0.522	0.349	0.357	0.329	0.374
Hotspot	Edge Top			0.021		0.027		0.015	0.000	0.021	0.000	0.027	0.000	0.015
	Edge Right	0.914		0.395				0.161	0.914	1.309	0.914	0.914	0.914	1.075
	Edge Bottom	0.340	0.108		0.020		0.001		0.448	0.340	0.359	0.340	0.341	0.340
	Edge Left		0.247		0.113	0.174	0.006		0.247	0.000	0.113	0.174	0.006	0.000

RF Exposure conditions	Test Position	Standalone SAR (W/kg)							∑ 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_{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	0.250	0.152	0.397	0.006	0.119	0.000	0.175	0.402	0.647	0.256	0.369	0.250	0.425
	Left Tilt	0.193	0.045	0.100	0.003	0.121	0.000	0.055	0.238	0.293	0.196	0.314	0.193	0.248
	Right Cheek	0.907	0.058	0.123	0.020	0.386	0.000	0.053	0.965	1.030	0.927	1.293	0.907	0.960
	Right Tilt	0.497	0.055	0.034	0.001	0.298	0.000	0.021	0.553	0.531	0.498	0.795	0.497	0.519
Body-worn & Hotspot	Back	0.468	0.397	0.245	0.395	0.196	0.020	0.143	0.865	0.712	0.863	0.664	0.487	0.610
	Front	0.378	0.285	0.199	0.026	0.034	0.006	0.051	0.663	0.576	0.404	0.412	0.383	0.428
Hotspot	Edge Top	0.183		0.021		0.027		0.015	0.183	0.203	0.183	0.209	0.183	0.198
	Edge Right			0.395				0.161	0.000	0.395	0.000	0.000	0.000	0.161
	Edge Bottom		0.108		0.020		0.001		0.108	0.000	0.020	0.000	0.001	0.000
	Edge Left	0.929	0.247		0.113	0.174	0.006		1.176	0.929	1.042	1.103	0.935	0.929

RF Exposure conditions	Test Position	Standalone SAR (W/kg)							∑ 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_{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	0.053	0.152	0.397	0.006	0.119	0.000	0.175	0.205	0.450	0.059	0.171	0.053	0.228
	Left Tilt	0.025	0.045	0.100	0.003	0.121	0.000	0.055	0.070	0.125	0.028	0.146	0.025	0.080
	Right Cheek	0.031	0.058	0.123	0.020	0.386	0.000	0.053	0.089	0.155	0.051	0.418	0.031	0.085
	Right Tilt	0.031	0.055	0.034	0.001	0.298	0.000	0.021	0.086	0.065	0.032	0.329	0.031	0.052
Body-worn & Hotspot	Back	0.944	0.397	0.245	0.395	0.196	0.020	0.143	1.341	1.189	1.339	1.140	0.964	1.087
	Front	0.554	0.285	0.199	0.026	0.034	0.006	0.051	0.839	0.753	0.580	0.588	0.560	0.605
Hotspot	Edge Top			0.021		0.027		0.015	0.000	0.021	0.000	0.027	0.000	0.015
	Edge Right			0.395				0.161	0.000	0.395	0.000	0.000	0.000	0.161
	Edge Bottom	0.783	0.108		0.020		0.001		0.891	0.783	0.803	0.783	0.784	0.783
	Edge Left	0.720	0.247		0.113	0.174	0.006		0.968	0.720	0.834	0.894	0.727	0.720

12.19. WWAN(PCE) $_{\text{Cell-on}}$ & BT & 802.15.4ab NB

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 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	0.214	0.011	0.095	0.001	0.008	0.227	0.233	0.310	0.317
	Left Tilt	0.117	0.002	0.024	0.001	0.007	0.120	0.126	0.142	0.147
	Right Cheek	0.364	0.003	0.022	0.001	0.039	0.368	0.406	0.387	0.425
	Right Tilt	0.159	0.003	0.005	0.001	0.027	0.163	0.189	0.166	0.191
Body-worn & Hotspot	Back	0.933	0.065	0.083	0.031	0.038	1.029	1.036	1.047	1.054
	Front	0.617	0.047	0.036	0.001	0.009	0.665	0.673	0.654	0.662
Hotspot	Edge Top			0.000		0.007	0.000	0.007	0.000	0.007
	Edge Right	0.948		0.099			0.948	0.948	1.047	1.047
	Edge Bottom	0.950	0.022		0.001		0.974	0.973	0.952	0.950
	Edge Left	0.382	0.064		0.025	0.029	0.471	0.475	0.407	0.411

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 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	0.731	0.011	0.095	0.001	0.008	0.744	0.751	0.828	0.834
	Left Tilt	0.766	0.002	0.024	0.001	0.007	0.769	0.775	0.791	0.796
	Right Cheek	0.937	0.003	0.022	0.001	0.039	0.941	0.979	0.961	0.999
	Right Tilt	0.938	0.003	0.005	0.001	0.027	0.943	0.968	0.945	0.970
Body-worn & Hotspot	Back	0.940	0.065	0.083	0.031	0.038	1.036	1.043	1.054	1.061
	Front	0.573	0.047	0.036	0.001	0.009	0.621	0.629	0.610	0.618
Hotspot	Edge Top	0.948		0.000		0.007	0.948	0.955	0.949	0.955
	Edge Right	0.264		0.099			0.264	0.264	0.363	0.363
	Edge Bottom		0.022		0.001		0.024	0.022	0.001	0.000
	Edge Left	0.937	0.064		0.025	0.029	1.026	1.030	0.962	0.966

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 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	0.313	0.011	0.095	0.001	0.008	0.326	0.333	0.409	0.416
	Left Tilt	0.162	0.002	0.024	0.001	0.007	0.166	0.171	0.187	0.193
	Right Cheek	0.287	0.003	0.022	0.001	0.039	0.292	0.330	0.311	0.349
	Right Tilt	0.157	0.003	0.005	0.001	0.027	0.162	0.188	0.164	0.190
Body-worn & Hotspot	Back	0.950	0.065	0.083	0.031	0.038	1.047	1.053	1.064	1.071
	Front	0.600	0.047	0.036	0.001	0.009	0.648	0.656	0.637	0.645
Hotspot	Edge Top			0.000		0.007	0.000	0.007	0.000	0.007
	Edge Right			0.099			0.000	0.000	0.099	0.099
	Edge Bottom	0.471	0.022		0.001		0.495	0.494	0.473	0.471
	Edge Left	0.892	0.064		0.025	0.029	0.981	0.985	0.917	0.921

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 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	0.944	0.011	0.095	0.001	0.008	0.957	0.963	1.040	1.047
	Left Tilt	0.645	0.002	0.024	0.001	0.007	0.649	0.654	0.670	0.676
	Right Cheek	0.458	0.003	0.022	0.001	0.039	0.462	0.500	0.482	0.519
	Right Tilt	0.293	0.003	0.005	0.001	0.027	0.297	0.323	0.299	0.325
Body-worn & Hotspot	Back	0.947	0.065	0.083	0.031	0.038	1.044	1.050	1.061	1.068
	Front	0.486	0.047	0.036	0.001	0.009	0.535	0.543	0.523	0.531
Hotspot	Edge Top	0.589		0.000		0.007	0.589	0.596	0.590	0.596
	Edge Right	0.949		0.099			0.949	0.949	1.048	1.048
	Edge Bottom		0.022		0.001		0.024	0.022	0.001	0.000
	Edge Left		0.064		0.025	0.029	0.089	0.093	0.025	0.029

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 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	0.047	0.011	0.095	0.001	0.008	0.060	0.067	0.143	0.150
	Left Tilt	0.047	0.002	0.024	0.001	0.007	0.051	0.056	0.072	0.078
	Right Cheek	0.225	0.003	0.022	0.001	0.039	0.230	0.267	0.249	0.287
	Right Tilt	0.014	0.003	0.005	0.001	0.027	0.018	0.044	0.020	0.046
Body-worn & Hotspot	Back	0.847	0.065	0.083	0.031	0.038	0.943	0.950	0.961	0.968
	Front	0.323	0.047	0.036	0.001	0.009	0.371	0.379	0.360	0.368
Hotspot	Edge Top			0.000		0.007	0.000	0.007	0.000	0.007
	Edge Right	0.914		0.099			0.914	0.914	1.013	1.013
	Edge Bottom	0.340	0.022		0.001		0.363	0.362	0.341	0.340
	Edge Left		0.064		0.025	0.029	0.089	0.093	0.025	0.029

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 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	0.250	0.011	0.095	0.001	0.008	0.263	0.270	0.346	0.353
	Left Tilt	0.193	0.002	0.024	0.001	0.007	0.196	0.202	0.218	0.223
	Right Cheek	0.907	0.003	0.022	0.001	0.039	0.911	0.949	0.930	0.968
	Right Tilt	0.497	0.003	0.005	0.001	0.027	0.502	0.528	0.504	0.530
Body-worn & Hotspot	Back	0.468	0.065	0.083	0.031	0.038	0.564	0.571	0.582	0.588
	Front	0.378	0.047	0.036	0.001	0.009	0.426	0.434	0.415	0.423
Hotspot	Edge Top	0.183		0.000		0.007	0.183	0.189	0.183	0.189
	Edge Right			0.099			0.000	0.000	0.099	0.099
	Edge Bottom		0.022		0.001		0.024	0.022	0.001	0.000
	Edge Left	0.929	0.064		0.025	0.029	1.018	1.023	0.954	0.959

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 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	0.053	0.011	0.095	0.001	0.008	0.066	0.072	0.149	0.156
	Left Tilt	0.025	0.002	0.024	0.001	0.007	0.029	0.034	0.050	0.056
	Right Cheek	0.031	0.003	0.022	0.001	0.039	0.036	0.074	0.055	0.093
	Right Tilt	0.031	0.003	0.005	0.001	0.027	0.035	0.061	0.038	0.063
Body-worn & Hotspot	Back	0.944	0.065	0.083	0.031	0.038	1.040	1.047	1.058	1.065
	Front	0.554	0.047	0.036	0.001	0.009	0.602	0.610	0.591	0.599
Hotspot	Edge Top			0.000		0.007	0.000	0.007	0.000	0.007
	Edge Right			0.099			0.000	0.000	0.099	0.099
	Edge Bottom	0.783	0.022		0.001		0.806	0.805	0.784	0.783
	Edge Left	0.720	0.064		0.025	0.029	0.810	0.814	0.746	0.750

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

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 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	0.214	0.000	0.175	0.001	0.008	0.215	0.222	0.215	0.222
	Left Tilt	0.117	0.000	0.055	0.001	0.007	0.118	0.124	0.118	0.124
	Right Cheek	0.364	0.000	0.053	0.001	0.039	0.365	0.403	0.365	0.403
	Right Tilt	0.159	0.000	0.021	0.001	0.027	0.160	0.186	0.160	0.186
Body-worn & Hotspot	Back	0.933	0.020	0.143	0.031	0.038	0.984	0.990	0.984	0.990
	Front	0.617	0.006	0.051	0.001	0.009	0.624	0.632	0.624	0.632
Hotspot	Edge Top			0.015		0.007	0.000	0.007	0.000	0.007
	Edge Right	0.948		0.161			0.948	0.948	0.948	0.948
	Edge Bottom	0.950	0.001		0.001		0.953	0.952	0.953	0.952
	Edge Left	0.382	0.006		0.025	0.029	0.413	0.417	0.413	0.417

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 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	0.731	0.000	0.175	0.001	0.008	0.733	0.740	0.733	0.740
	Left Tilt	0.766	0.000	0.055	0.001	0.007	0.767	0.773	0.767	0.773
	Right Cheek	0.937	0.000	0.053	0.001	0.039	0.938	0.976	0.938	0.976
	Right Tilt	0.938	0.000	0.021	0.001	0.027	0.939	0.965	0.939	0.965
Body-worn & Hotspot	Back	0.940	0.020	0.143	0.031	0.038	0.991	0.997	0.991	0.997
	Front	0.573	0.006	0.051	0.001	0.009	0.580	0.588	0.580	0.588
Hotspot	Edge Top	0.948		0.015		0.007	0.948	0.955	0.948	0.955
	Edge Right	0.264		0.161			0.264	0.264	0.264	0.264
	Edge Bottom		0.001		0.001		0.003	0.001	0.003	0.001
	Edge Left	0.937	0.006		0.025	0.029	0.968	0.973	0.968	0.973

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 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	0.313	0.000	0.175	0.001	0.008	0.315	0.321	0.315	0.321
	Left Tilt	0.162	0.000	0.055	0.001	0.007	0.164	0.169	0.164	0.169
	Right Cheek	0.287	0.000	0.053	0.001	0.039	0.289	0.327	0.289	0.327
	Right Tilt	0.157	0.000	0.021	0.001	0.027	0.159	0.185	0.159	0.185
Body-worn & Hotspot	Back	0.950	0.020	0.143	0.031	0.038	1.001	1.008	1.001	1.008
	Front	0.600	0.006	0.051	0.001	0.009	0.607	0.615	0.607	0.615
Hotspot	Edge Top			0.015		0.007	0.000	0.007	0.000	0.007
	Edge Right			0.161			0.000	0.000	0.000	0.000
	Edge Bottom	0.471	0.001		0.001		0.474	0.473	0.474	0.473
	Edge Left	0.892	0.006		0.025	0.029	0.924	0.928	0.924	0.928

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 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	0.944	0.000	0.175	0.001	0.008	0.945	0.952	0.945	0.952
	Left Tilt	0.645	0.000	0.055	0.001	0.007	0.647	0.652	0.647	0.652
	Right Cheek	0.458	0.000	0.053	0.001	0.039	0.459	0.497	0.459	0.497
	Right Tilt	0.293	0.000	0.021	0.001	0.027	0.294	0.320	0.294	0.320
Body-worn & Hotspot	Back	0.947	0.020	0.143	0.031	0.038	0.998	1.004	0.998	1.004
	Front	0.486	0.006	0.051	0.001	0.009	0.493	0.501	0.493	0.501
Hotspot	Edge Top	0.589		0.015		0.007	0.589	0.596	0.589	0.596
	Edge Right	0.949		0.161			0.949	0.949	0.949	0.949
	Edge Bottom		0.001		0.001		0.003	0.001	0.003	0.001
	Edge Left		0.006		0.025	0.029	0.032	0.036	0.032	0.036

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 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	0.047	0.000	0.175	0.001	0.008	0.049	0.055	0.049	0.055
	Left Tilt	0.047	0.000	0.055	0.001	0.007	0.049	0.054	0.049	0.054
	Right Cheek	0.225	0.000	0.053	0.001	0.039	0.227	0.264	0.227	0.264
	Right Tilt	0.014	0.000	0.021	0.001	0.027	0.015	0.041	0.015	0.041
Body-worn & Hotspot	Back	0.847	0.020	0.143	0.031	0.038	0.898	0.904	0.898	0.904
	Front	0.323	0.006	0.051	0.001	0.009	0.330	0.338	0.330	0.338
Hotspot	Edge Top			0.015		0.007	0.000	0.007	0.000	0.007
	Edge Right	0.914		0.161			0.914	0.914	0.914	0.914
	Edge Bottom	0.340	0.001		0.001		0.342	0.341	0.342	0.341
	Edge Left		0.006		0.025	0.029	0.032	0.036	0.032	0.036

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 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	0.250	0.000	0.175	0.001	0.008	0.251	0.258	0.251	0.258
	Left Tilt	0.193	0.000	0.055	0.001	0.007	0.194	0.200	0.194	0.200
	Right Cheek	0.907	0.000	0.053	0.001	0.039	0.908	0.946	0.908	0.946
	Right Tilt	0.497	0.000	0.021	0.001	0.027	0.499	0.525	0.499	0.525
Body-worn & Hotspot	Back	0.468	0.020	0.143	0.031	0.038	0.518	0.525	0.518	0.525
	Front	0.378	0.006	0.051	0.001	0.009	0.385	0.393	0.385	0.393
Hotspot	Edge Top	0.183		0.015		0.007	0.183	0.189	0.183	0.189
	Edge Right			0.161			0.000	0.000	0.000	0.000
	Edge Bottom		0.001		0.001		0.003	0.001	0.003	0.001
	Edge Left	0.929	0.006		0.025	0.029	0.961	0.965	0.961	0.965

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 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	0.053	0.000	0.175	0.001	0.008	0.054	0.061	0.054	0.061
	Left Tilt	0.025	0.000	0.055	0.001	0.007	0.027	0.032	0.027	0.032
	Right Cheek	0.031	0.000	0.053	0.001	0.039	0.033	0.071	0.033	0.071
	Right Tilt	0.031	0.000	0.021	0.001	0.027	0.032	0.058	0.032	0.058
Body-worn & Hotspot	Back	0.944	0.020	0.143	0.031	0.038	0.995	1.001	0.995	1.001
	Front	0.554	0.006	0.051	0.001	0.009	0.561	0.569	0.561	0.569
Hotspot	Edge Top			0.015		0.007	0.000	0.007	0.000	0.007
	Edge Right			0.161			0.000	0.000	0.000	0.000
	Edge Bottom	0.783	0.001		0.001		0.786	0.784	0.786	0.784
	Edge Left	0.720	0.006		0.025	0.029	0.752	0.756	0.752	0.756

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

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 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	0.096	0.097	0.402	0.001	0.004	0.194	0.197	0.500	0.503
	Left Tilt	0.066	0.097	0.115	0.001	0.003	0.164	0.166	0.183	0.185
	Right Cheek	0.169	0.097	0.115	0.001	0.022	0.267	0.289	0.286	0.307
	Right Tilt	0.034	0.097	0.115	0.001	0.016	0.132	0.146	0.150	0.165
Body-worn & Hotspot	Back	0.559	0.434	0.297	0.030	0.055	1.023	1.048	0.886	0.911
	Front	0.282	0.229	0.297	0.001	0.000	0.512	0.511	0.580	0.579
Hotspot	Edge Top			0.297		0.000	0.000	0.000	0.297	0.297
	Edge Right	0.928		0.451			0.928	0.928	1.379	1.379
	Edge Bottom	0.158	0.229		0.001		0.388	0.387	0.159	0.158
	Edge Left		0.436		0.009	0.024	0.445	0.460	0.009	0.024

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 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	0.731	0.097	0.402	0.001	0.004	0.829	0.833	1.135	1.138
	Left Tilt	0.766	0.097	0.115	0.001	0.003	0.864	0.866	0.882	0.885
	Right Cheek	0.937	0.097	0.115	0.001	0.022	1.035	1.056	1.053	1.075
	Right Tilt	0.938	0.097	0.115	0.001	0.016	1.036	1.051	1.055	1.069
Body-worn & Hotspot	Back	0.940	0.434	0.297	0.030	0.055	1.404	1.429	1.267	1.292
	Front	0.573	0.229	0.297	0.001	0.000	0.803	0.802	0.871	0.870
Hotspot	Edge Top	0.948		0.297		0.000	0.948	0.949	1.245	1.246
	Edge Right	0.264		0.451			0.264	0.264	0.715	0.715
	Edge Bottom		0.229		0.001		0.230	0.229	0.001	0.000
	Edge Left	0.937	0.436		0.009	0.024	1.382	1.397	0.946	0.961

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 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	0.313	0.097	0.402	0.001	0.004	0.411	0.414	0.717	0.720
	Left Tilt	0.162	0.097	0.115	0.001	0.003	0.260	0.262	0.279	0.281
	Right Cheek	0.287	0.097	0.115	0.001	0.022	0.385	0.407	0.404	0.425
	Right Tilt	0.157	0.097	0.115	0.001	0.016	0.255	0.270	0.274	0.289
Body-worn & Hotspot	Back	0.950	0.434	0.297	0.030	0.055	1.414	1.439	1.278	1.303
	Front	0.600	0.229	0.297	0.001	0.000	0.830	0.829	0.898	0.897
Hotspot	Edge Top			0.297		0.000	0.000	0.000	0.297	0.297
	Edge Right			0.451			0.000	0.000	0.451	0.451
	Edge Bottom	0.471	0.229		0.001		0.701	0.700	0.473	0.471
	Edge Left	0.892	0.436		0.009	0.024	1.337	1.352	0.901	0.916

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 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	0.944	0.097	0.402	0.001	0.004	1.042	1.045	1.347	1.351
	Left Tilt	0.645	0.097	0.115	0.001	0.003	0.743	0.745	0.762	0.764
	Right Cheek	0.458	0.097	0.115	0.001	0.022	0.556	0.577	0.574	0.596
	Right Tilt	0.293	0.097	0.115	0.001	0.016	0.391	0.405	0.409	0.424
Body-worn & Hotspot	Back	0.947	0.434	0.297	0.030	0.055	1.411	1.436	1.275	1.300
	Front	0.486	0.229	0.297	0.001	0.000	0.716	0.715	0.785	0.784
Hotspot	Edge Top	0.589		0.297		0.000	0.589	0.590	0.887	0.887
	Edge Right	0.949		0.451			0.949	0.949	1.400	1.400
	Edge Bottom		0.229		0.001		0.230	0.229	0.001	0.000
	Edge Left		0.436		0.009	0.024	0.445	0.460	0.009	0.024

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 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	0.047	0.097	0.402	0.001	0.004	0.145	0.148	0.451	0.454
	Left Tilt	0.047	0.097	0.115	0.001	0.003	0.145	0.147	0.164	0.166
	Right Cheek	0.225	0.097	0.115	0.001	0.022	0.323	0.344	0.342	0.363
	Right Tilt	0.014	0.097	0.115	0.001	0.016	0.112	0.126	0.130	0.145
Body-worn & Hotspot	Back	0.847	0.434	0.297	0.030	0.055	1.311	1.336	1.174	1.199
	Front	0.323	0.229	0.297	0.001	0.000	0.553	0.552	0.621	0.620
Hotspot	Edge Top			0.297		0.000	0.000	0.000	0.297	0.297
	Edge Right	0.914		0.451			0.914	0.914	1.365	1.365
	Edge Bottom		0.229		0.001		0.569	0.568	0.341	0.340
	Edge Left		0.436		0.009	0.024	0.445	0.460	0.009	0.024

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 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	0.250	0.097	0.402	0.001	0.004	0.348	0.351	0.654	0.657
	Left Tilt	0.193	0.097	0.115	0.001	0.003	0.291	0.293	0.309	0.312
	Right Cheek	0.907	0.097	0.115	0.001	0.022	1.005	1.026	1.023	1.044
	Right Tilt	0.497	0.097	0.115	0.001	0.016	0.595	0.610	0.614	0.628
Body-worn & Hotspot	Back	0.468	0.434	0.297	0.030	0.055	0.932	0.957	0.795	0.820
	Front	0.378	0.229	0.297	0.001	0.000	0.607	0.606	0.676	0.675
Hotspot	Edge Top	0.183		0.297		0.000	0.183	0.183	0.480	0.480
	Edge Right			0.451			0.000	0.000	0.451	0.451
	Edge Bottom		0.229		0.001		0.230	0.229	0.001	0.000
	Edge Left	0.929	0.436		0.009	0.024	1.374	1.389	0.938	0.953

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 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	0.053	0.097	0.402	0.001	0.004	0.151	0.154	0.456	0.460
	Left Tilt	0.025	0.097	0.115	0.001	0.003	0.123	0.125	0.142	0.144
	Right Cheek	0.031	0.097	0.115	0.001	0.022	0.129	0.151	0.148	0.169
	Right Tilt	0.031	0.097	0.115	0.001	0.016	0.129	0.144	0.147	0.162
Body-worn & Hotspot	Back	0.944	0.434	0.297	0.030	0.055	1.408	1.433	1.271	1.296
	Front	0.554	0.229	0.297	0.001	0.000	0.784	0.783	0.852	0.851
Hotspot	Edge Top			0.297		0.000	0.000	0.000	0.297	0.297
	Edge Right			0.451			0.000	0.000	0.451	0.451
	Edge Bottom	0.783	0.229		0.001		1.013	1.011	0.784	0.783
	Edge Left	0.720	0.436		0.009	0.024	1.166	1.180	0.730	0.744

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

RF Exposure conditions	Test Position	Standalone SAR (W/kg)							∑ 1-g SAR (W/kg)							
		1 WWAN Cell-on ANT1	2 Wi-Fi 5G Pstate 4 ANT5	3 Wi-Fi 5G Pstate 4 ANT6	4 BT (P_{Low}) ANT3	5 BT (P_{Low}) ANT4	6 802.15.4 (P_{Low}) ANT3	7 802.15.4 (P_{Low}) ANT4	1+2+4	1+2+5	1+3+4	1+3+5	1+2+6	1+2+7	1+3+6	1+3+7
Head	Left Cheek	0.096	0.039	0.356	0.011	0.095	0.000	0.028	0.146	0.230	0.464	0.547	0.135	0.163	0.453	0.480
	Left Tilt	0.066	0.039	0.356	0.002	0.024	0.000	0.009	0.107	0.129	0.425	0.446	0.105	0.114	0.423	0.431
	Right Cheek	0.169	0.174	0.356	0.003	0.022	0.000	0.009	0.346	0.365	0.529	0.548	0.343	0.352	0.526	0.535
	Right Tilt	0.034	0.039	0.443	0.003	0.005	0.000	0.003	0.076	0.078	0.480	0.482	0.073	0.076	0.477	0.480
Body-worn & Hotspot	Back	0.559	0.460	0.452	0.065	0.083	0.002	0.035	1.084	1.102	1.076	1.094	1.021	1.054	1.013	1.046
	Front	0.282	0.109	0.166	0.047	0.036	0.000	0.014	0.438	0.427	0.495	0.484	0.391	0.405	0.448	0.462
Hotspot	Edge Top			0.166		0.000		0.004	0.000	0.000	0.166	0.166	0.000	0.004	0.166	0.170
	Edge Right	0.928				0.099		0.034	0.928	1.027	0.928	1.027	0.928	0.962	0.928	0.962
	Edge Bottom	0.158	0.109		0.022		0.000		0.289	0.267	0.180	0.158	0.267	0.267	0.158	0.158
	Edge Left		0.354	0.343	0.064		0.000		0.418	0.354	0.407	0.343	0.354	0.354	0.343	0.343

RF Exposure conditions	Test Position	Standalone SAR (W/kg)							∑ 1-g SAR (W/kg)							
		1 WWAN Cell-on ANT2	2 Wi-Fi 5G Pstate 4 ANT5	3 Wi-Fi 5G Pstate 4 ANT6	4 BT (P_{Low}) ANT3	5 BT (P_{Low}) ANT4	6 802.15.4 (P_{Low}) ANT3	7 802.15.4 (P_{Low}) ANT4	1+2+4	1+2+5	1+3+4	1+3+5	1+2+6	1+2+7	1+3+6	1+3+7
Head	Left Cheek	0.731	0.039	0.356	0.011	0.095	0.000	0.028	0.782	0.865	1.099	1.183	0.770	0.798	1.088	1.115
	Left Tilt	0.766	0.039	0.356	0.002	0.024	0.000	0.009	0.807	0.829	1.124	1.146	0.805	0.814	1.122	1.131
	Right Cheek	0.937	0.174	0.356	0.003	0.022	0.000	0.009	1.114	1.133	1.296	1.316	1.111	1.120	1.293	1.302
	Right Tilt	0.938	0.039	0.443	0.003	0.005	0.000	0.003	0.980	0.982	1.385	1.387	0.977	0.980	1.382	1.385
Body-worn & Hotspot	Back	0.940	0.460	0.452	0.065	0.083	0.002	0.035	1.465	1.483	1.457	1.475	1.402	1.435	1.394	1.427
	Front	0.573	0.109	0.166	0.047	0.036	0.000	0.014	0.729	0.718	0.786	0.775	0.683	0.696	0.740	0.753
Hotspot	Edge Top	0.948		0.166		0.000		0.004	0.948	0.949	1.115	1.115	0.948	0.952	1.115	1.118
	Edge Right	0.264				0.099		0.034	0.264	0.363	0.264	0.363	0.264	0.298	0.264	0.298
	Edge Bottom		0.109		0.022		0.000		0.131	0.109	0.022	0.000	0.109	0.109	0.000	0.000
	Edge Left	0.937	0.354	0.343	0.064		0.000		1.355	1.291	1.344	1.280	1.291	1.291	1.280	1.280

RF Exposure conditions	Test Position	Standalone SAR (W/kg)							∑ 1-g SAR (W/kg)							
		1 WWAN Cell-on ANT3	2 Wi-Fi 5G Pstate 4 ANT5	3 Wi-Fi 5G Pstate 4 ANT6	4 BT (P_{Low}) ANT3	5 BT (P_{Low}) ANT4	6 802.15.4 (P_{Low}) ANT3	7 802.15.4 (P_{Low}) ANT4	1+2+4	1+2+5	1+3+4	1+3+5	1+2+6	1+2+7	1+3+6	1+3+7
Head	Left Cheek	0.313	0.039	0.356	0.011	0.095	0.000	0.028	0.363	0.447	0.681	0.764	0.352	0.380	0.670	0.697
	Left Tilt	0.162	0.039	0.356	0.002	0.024	0.000	0.009	0.203	0.225	0.521	0.542	0.201	0.210	0.519	0.528
	Right Cheek	0.287	0.174	0.356	0.003	0.022	0.000	0.009	0.464	0.483	0.647	0.666	0.461	0.470	0.644	0.653
	Right Tilt	0.157	0.039	0.443	0.003	0.005	0.000	0.003	0.199	0.202	0.604	0.606	0.196	0.199	0.601	0.604
Body-worn & Hotspot	Back	0.950	0.460	0.452	0.065	0.083	0.002	0.035	1.475	1.493	1.468	1.485	1.412	1.445	1.404	1.437
	Front	0.600	0.109	0.166	0.047	0.036	0.000	0.014	0.756	0.745	0.813	0.802	0.709	0.723	0.766	0.780
Hotspot	Edge Top			0.166		0.000		0.004	0.000	0.000	0.166	0.166	0.000	0.004	0.166	0.170
	Edge Right					0.099		0.034	0.000	0.099	0.000	0.099	0.000	0.034	0.000	0.034
	Edge Bottom	0.471	0.109		0.022		0.000		0.603	0.581	0.494	0.471	0.581	0.581	0.472	0.471
	Edge Left	0.892	0.354	0.343	0.064		0.000		1.310	1.246	1.299	1.235	1.246	1.246	1.235	1.235

RF Exposure conditions	Test Position	Standalone SAR (W/kg)							∑ 1-g SAR (W/kg)							
		1 WWAN Cell-on ANT4	2 Wi-Fi 5G Pstate 4 ANT5	3 Wi-Fi 5G Pstate 4 ANT6	4 BT (P_{Low}) ANT3	5 BT (P_{Low}) ANT4	6 802.15.4 (P_{Low}) ANT3	7 802.15.4 (P_{Low}) ANT4	1+2+4	1+2+5	1+3+4	1+3+5	1+2+6	1+2+7	1+3+6	1+3+7
Head	Left Cheek	0.944	0.039	0.356	0.011	0.095	0.000	0.028	0.994	1.078	1.312	1.395	0.983	1.010	1.300	1.328
	Left Tilt	0.645	0.039	0.356	0.002	0.024	0.000	0.009	0.686	0.708	1.004	1.025	0.684	0.693	1.002	1.011
	Right Cheek	0.458	0.174	0.356	0.003	0.022	0.000	0.009	0.635	0.654	0.817	0.837	0.632	0.640	0.814	0.823
	Right Tilt	0.293	0.039	0.443	0.003	0.005	0.000	0.003	0.335	0.337	0.739	0.742	0.332	0.335	0.736	0.739
Body-worn & Hotspot	Back	0.947	0.460	0.452	0.065	0.083	0.002	0.035	1.472	1.490	1.464	1.482	1.409	1.442	1.401	1.434
	Front	0.486	0.109	0.166	0.047	0.036	0.000	0.014	0.642	0.631	0.700	0.688	0.596	0.610	0.653	0.667
Hotspot	Edge Top	0.589		0.166		0.000		0.004	0.589	0.590	0.756	0.756	0.589	0.593	0.756	0.759
	Edge Right	0.949				0.099		0.034	0.949	1.048	0.949	1.048	0.949	0.983	0.949	0.983
	Edge Bottom		0.109		0.022		0.000		0.131	0.109	0.022	0.000	0.109	0.109	0.000	0.000
	Edge Left		0.354	0.343	0.064		0.000		0.418	0.354	0.407	0.343	0.354	0.354	0.343	0.343

RF Exposure conditions	Test Position	Standalone SAR (W/kg)							∑ 1-g SAR (W/kg)							
		1 WWAN Cell-on ANT7	2 Wi-Fi 5G Pstate 4 ANT5	3 Wi-Fi 5G Pstate 4 ANT6	4 BT (P_{Low}) ANT3	5 BT (P_{Low}) ANT4	6 802.15.4 (P_{Low}) ANT3	7 802.15.4 (P_{Low}) ANT4	1+2+4	1+2+5	1+3+4	1+3+5	1+2+6	1+2+7	1+3+6	1+3+7
Head	Left Cheek	0.047	0.039	0.356	0.011	0.095	0.000	0.028	0.097	0.181	0.415	0.498	0.086	0.114	0.404	0.431
	Left Tilt	0.047	0.039	0.356	0.002	0.024	0.000	0.009	0.088	0.110	0.406	0.427	0.086	0.095	0.404	0.412
	Right Cheek	0.225	0.174	0.356	0.003	0.022	0.000	0.009	0.402	0.421	0.585	0.604	0.399	0.408	0.582	0.591
	Right Tilt	0.014	0.039	0.443	0.003	0.005	0.000	0.003	0.056	0.058	0.460	0.462	0.053	0.055	0.457	0.460
Body-worn & Hotspot	Back	0.847	0.460	0.452	0.065	0.083	0.002	0.035	1.372	1.390	1.364	1.382	1.309	1.342	1.301	1.334
	Front	0.323	0.109	0.166	0.047	0.036	0.000	0.014	0.479	0.468	0.536	0.525	0.432	0.446	0.489	0.503
Hotspot	Edge Top			0.166		0.000		0.004	0.000	0.000	0.166	0.166	0.000	0.004	0.166	0.170
	Edge Right	0.914				0.099		0.034	0.914	1.013	0.914	1.013	0.914	0.948	0.914	0.948
	Edge Bottom	0.340	0.109		0.022		0.000		0.471	0.449	0.362	0.340	0.449	0.449	0.340	0.340
	Edge Left		0.354	0.343	0.064		0.000		0.418	0.354	0.407	0.343	0.354	0.354	0.343	0.343

RF Exposure conditions	Test Position	Standalone SAR (W/kg)							∑ 1-g SAR (W/kg)							
		1 WWAN Cell-on ANT8	2 Wi-Fi 5G Pstate 4 ANT5	3 Wi-Fi 5G Pstate 4 ANT6	4 BT (P_{Low}) ANT3	5 BT (P_{Low}) ANT4	6 802.15.4 (P_{Low}) ANT3	7 802.15.4 (P_{Low}) ANT4	1+2+4	1+2+5	1+3+4	1+3+5	1+2+6	1+2+7	1+3+6	1+3+7
Head	Left Cheek	0.250	0.039	0.356	0.011	0.095	0.000	0.028	0.300	0.384	0.618	0.701	0.289	0.316	0.606	0.634
	Left Tilt	0.193	0.039	0.356	0.002	0.024	0.000	0.009	0.234	0.256	0.551	0.573	0.232	0.241	0.549	0.558
	Right Cheek	0.907	0.174	0.356	0.003	0.022	0.000	0.009	1.083	1.103	1.266	1.285	1.080	1.089	1.263	1.272
	Right Tilt	0.497	0.039	0.443	0.003	0.005	0.000	0.003	0.539	0.542	0.944	0.946	0.536	0.539	0.941	0.944
Body-worn & Hotspot	Back	0.468	0.460	0.452	0.065	0.083	0.002	0.035	0.993	1.011	0.985	1.003	0.929	0.962	0.922	0.955
	Front	0.378	0.109	0.166	0.047	0.036	0.000	0.014	0.534	0.523	0.591	0.580	0.487	0.501	0.544	0.558
Hotspot	Edge Top	0.183		0.166		0.000		0.004	0.183	0.183	0.349	0.349	0.183	0.186	0.349	0.352
	Edge Right					0.099		0.034	0.000	0.099	0.000	0.099	0.000	0.034	0.000	0.034
	Edge Bottom		0.109		0.022		0.000		0.131	0.109	0.022	0.000	0.109	0.109	0.000	0.000
	Edge Left	0.929	0.354	0.343	0.064		0.000		1.347	1.283	1.336	1.272	1.283	1.283	1.272	1.272

RF Exposure conditions	Test Position	Standalone SAR (W/kg)							∑ 1-g SAR (W/kg)							
		1 WWAN Cell-on ANT9	2 Wi-Fi 5G Pstate 4 ANT5	3 Wi-Fi 5G Pstate 4 ANT6	4 BT (P_{Low}) ANT3	5 BT (P_{Low}) ANT4	6 802.15.4 (P_{Low}) ANT3	7 802.15.4 (P_{Low}) ANT4	1+2+4	1+2+5	1+3+4	1+3+5	1+2+6	1+2+7	1+3+6	1+3+7
Head	Left Cheek	0.053	0.039	0.356	0.011	0.095	0.000	0.028	0.103	0.187	0.421	0.504	0.092	0.119	0.409	0.437
	Left Tilt	0.025	0.039	0.356	0.002	0.024	0.000	0.009	0.066	0.088	0.384	0.405	0.064	0.073	0.382	0.391
	Right Cheek	0.031	0.174	0.356	0.003	0.022	0.000	0.009	0.208	0.228	0.391	0.410	0.205	0.214	0.388	0.397
	Right Tilt	0.031	0.039	0.443	0.003	0.005	0.000	0.003	0.073	0.075	0.478	0.480	0.070	0.073	0.475	0.477
Body-worn & Hotspot	Back	0.944	0.460	0.452	0.065	0.083	0.002	0.035	1.469	1.487	1.461	1.479	1.406	1.439	1.398	1.431
	Front	0.554	0.109	0.166	0.047	0.036	0.000	0.014	0.710	0.699	0.767	0.756	0.663	0.677	0.720	0.734
Hotspot	Edge Top			0.166		0.000		0.004	0.000	0.000	0.166	0.166	0.000	0.004	0.166	0.170
	Edge Right					0.099		0.034	0.000	0.099	0.000	0.099	0.000	0.034	0.000	0.034
	Edge Bottom	0.783	0.109		0.022		0.000		0.914	0.892	0.805	0.783	0.892	0.892	0.783	0.783
	Edge Left	0.720	0.354	0.343	0.064		0.000		1.138	1.074	1.128	1.064	1.074	1.074	1.064	1.064

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

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 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	0.214	0.097	0.320	0.001	0.008	0.313	0.319	0.535	0.542
	Left Tilt	0.117	0.097	0.092	0.001	0.007	0.216	0.221	0.210	0.215
	Right Cheek	0.364	0.097	0.092	0.001	0.039	0.462	0.500	0.456	0.494
	Right Tilt	0.159	0.097	0.092	0.001	0.027	0.258	0.283	0.252	0.278
Body-worn & Hotspot	Back	0.933	0.328	0.236	0.031	0.038	1.292	1.298	1.200	1.207
	Front	0.617	0.328	0.236	0.001	0.009	0.946	0.954	0.854	0.862
Hotspot	Edge Top			0.236		0.007	0.000	0.007	0.236	0.243
	Edge Right	0.948		0.358			0.948	0.948	1.306	1.306
	Edge Bottom	0.950	0.328		0.001		1.279	1.278	0.952	0.950
	Edge Left	0.382	0.328		0.025	0.029	0.735	0.739	0.407	0.411

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 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	0.731	0.097	0.320	0.001	0.008	0.830	0.837	1.052	1.059
	Left Tilt	0.766	0.097	0.092	0.001	0.007	0.865	0.870	0.859	0.864
	Right Cheek	0.937	0.097	0.092	0.001	0.039	1.036	1.074	1.030	1.068
	Right Tilt	0.938	0.097	0.092	0.001	0.027	1.037	1.063	1.031	1.057
Body-worn & Hotspot	Back	0.940	0.328	0.236	0.031	0.038	1.299	1.305	1.207	1.214
	Front	0.573	0.328	0.236	0.001	0.009	0.902	0.910	0.811	0.819
Hotspot	Edge Top	0.948		0.236		0.007	0.948	0.955	1.184	1.191
	Edge Right	0.264		0.358			0.264	0.264	0.622	0.622
	Edge Bottom		0.328		0.001		0.329	0.328	0.001	0.000
	Edge Left	0.937	0.328		0.025	0.029	1.290	1.294	0.962	0.966

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 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	0.313	0.097	0.320	0.001	0.008	0.412	0.419	0.634	0.641
	Left Tilt	0.162	0.097	0.092	0.001	0.007	0.261	0.267	0.255	0.261
	Right Cheek	0.287	0.097	0.092	0.001	0.039	0.386	0.424	0.380	0.418
	Right Tilt	0.157	0.097	0.092	0.001	0.027	0.256	0.282	0.250	0.276
Body-worn & Hotspot	Back	0.950	0.328	0.236	0.031	0.038	1.309	1.316	1.217	1.224
	Front	0.600	0.328	0.236	0.001	0.009	0.929	0.937	0.837	0.845
Hotspot	Edge Top			0.236		0.007	0.000	0.007	0.236	0.243
	Edge Right			0.358			0.000	0.000	0.358	0.358
	Edge Bottom	0.471	0.328		0.001		0.801	0.799	0.473	0.471
	Edge Left	0.892	0.328		0.025	0.029	1.245	1.249	0.917	0.921

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 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	0.944	0.097	0.320	0.001	0.008	1.043	1.049	1.265	1.272
	Left Tilt	0.645	0.097	0.092	0.001	0.007	0.744	0.749	0.738	0.744
	Right Cheek	0.458	0.097	0.092	0.001	0.039	0.557	0.594	0.551	0.589
	Right Tilt	0.293	0.097	0.092	0.001	0.027	0.392	0.417	0.386	0.411
Body-worn & Hotspot	Back	0.947	0.328	0.236	0.031	0.038	1.306	1.313	1.214	1.221
	Front	0.486	0.328	0.236	0.001	0.009	0.816	0.824	0.724	0.732
Hotspot	Edge Top	0.589		0.236		0.007	0.589	0.596	0.825	0.832
	Edge Right	0.949		0.358			0.949	0.949	1.307	1.307
	Edge Bottom		0.328		0.001		0.329	0.328	0.001	0.000
	Edge Left		0.328		0.025	0.029	0.353	0.357	0.025	0.029

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 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	0.047	0.097	0.320	0.001	0.008	0.146	0.153	0.368	0.375
	Left Tilt	0.047	0.097	0.092	0.001	0.007	0.146	0.151	0.140	0.145
	Right Cheek	0.225	0.097	0.092	0.001	0.039	0.324	0.362	0.318	0.356
	Right Tilt	0.014	0.097	0.092	0.001	0.027	0.112	0.138	0.107	0.132
Body-worn & Hotspot	Back	0.847	0.328	0.236	0.031	0.038	1.206	1.212	1.114	1.121
	Front	0.323	0.328	0.236	0.001	0.009	0.652	0.660	0.560	0.568
Hotspot	Edge Top			0.236		0.007	0.000	0.007	0.236	0.243
	Edge Right	0.914		0.358			0.914	0.914	1.272	1.272
	Edge Bottom	0.340	0.328		0.001		0.669	0.667	0.341	0.340
	Edge Left		0.328		0.025	0.029	0.353	0.357	0.025	0.029

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 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	0.250	0.097	0.320	0.001	0.008	0.349	0.356	0.571	0.578
	Left Tilt	0.193	0.097	0.092	0.001	0.007	0.292	0.297	0.286	0.291
	Right Cheek	0.907	0.097	0.092	0.001	0.039	1.005	1.043	1.000	1.037
	Right Tilt	0.497	0.097	0.092	0.001	0.027	0.596	0.622	0.590	0.616
Body-worn & Hotspot	Back	0.468	0.328	0.236	0.031	0.038	0.826	0.833	0.735	0.741
	Front	0.378	0.328	0.236	0.001	0.009	0.707	0.715	0.615	0.623
Hotspot	Edge Top	0.183		0.236		0.007	0.183	0.189	0.418	0.425
	Edge Right			0.358			0.000	0.000	0.358	0.358
	Edge Bottom		0.328		0.001		0.329	0.328	0.001	0.000
	Edge Left	0.929	0.328		0.025	0.029	1.282	1.286	0.954	0.959

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 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	0.053	0.097	0.320	0.001	0.008	0.152	0.158	0.374	0.381
	Left Tilt	0.025	0.097	0.092	0.001	0.007	0.124	0.129	0.118	0.124
	Right Cheek	0.031	0.097	0.092	0.001	0.039	0.130	0.168	0.124	0.162
	Right Tilt	0.031	0.097	0.092	0.001	0.027	0.130	0.155	0.124	0.150
Body-worn & Hotspot	Back	0.944	0.328	0.236	0.031	0.038	1.303	1.309	1.211	1.218
	Front	0.554	0.328	0.236	0.001	0.009	0.883	0.891	0.791	0.799
Hotspot	Edge Top			0.236		0.007	0.000	0.007	0.236	0.243
	Edge Right			0.358			0.000	0.000	0.358	0.358
	Edge Bottom	0.783	0.328		0.001		1.112	1.110	0.784	0.783
	Edge Left	0.720	0.328		0.025	0.029	1.073	1.078	0.746	0.750

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

RF Exposure conditions	Test Position	Standalone SAR (W/kg)							∑ 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_{Low}) ANT3	5 BT (P_{Low}) 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	1+3+5+7
Head	Left Cheek	0.214	0.031	0.275	0.011	0.095	0.001	0.008	0.257	0.264	0.501	0.508	0.341	0.348	0.585	0.592
	Left Tilt	0.117	0.031	0.275	0.002	0.024	0.001	0.007	0.151	0.157	0.395	0.401	0.173	0.178	0.417	0.422
	Right Cheek	0.364	0.138	0.275	0.003	0.022	0.001	0.039	0.506	0.544	0.643	0.681	0.525	0.563	0.662	0.700
	Right Tilt	0.159	0.031	0.342	0.003	0.005	0.001	0.027	0.194	0.220	0.506	0.531	0.196	0.222	0.508	0.533
Body-worn & Hotspot	Back	0.933	0.360	0.360	0.065	0.083	0.031	0.038	1.390	1.396	1.389	1.396	1.408	1.414	1.407	1.414
	Front	0.617	0.042	0.128	0.047	0.036	0.001	0.009	0.707	0.715	0.793	0.801	0.696	0.704	0.782	0.790
Hotspot	Edge Top			0.128		0.000		0.007	0.000	0.007	0.128	0.135	0.000	0.007	0.128	0.135
	Edge Right	0.948				0.099			0.948	0.948	0.948	0.948	1.047	1.047	1.047	1.047
	Edge Bottom	0.950	0.042		0.022		0.001		1.016	1.015	0.974	0.973	0.994	0.993	0.952	0.950
	Edge Left	0.382	0.326	0.279	0.064		0.025	0.029	0.796	0.801	0.750	0.754	0.733	0.737	0.686	0.690

RF Exposure conditions	Test Position	Standalone SAR (W/kg)							∑ 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_{Low}) ANT3	5 BT (P_{Low}) 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	1+3+5+7
Head	Left Cheek	0.731	0.031	0.275	0.011	0.095	0.001	0.008	0.775	0.782	1.019	1.026	0.858	0.865	1.103	1.109
	Left Tilt	0.766	0.031	0.275	0.002	0.024	0.001	0.007	0.800	0.806	1.044	1.050	0.822	0.827	1.066	1.071
	Right Cheek	0.937	0.138	0.275	0.003	0.022	0.001	0.039	1.079	1.117	1.216	1.254	1.099	1.136	1.236	1.273
	Right Tilt	0.938	0.031	0.342	0.003	0.005	0.001	0.027	0.973	0.999	1.285	1.310	0.976	1.001	1.287	1.313
Body-worn & Hotspot	Back	0.940	0.360	0.360	0.065	0.083	0.031	0.038	1.397	1.403	1.396	1.403	1.414	1.421	1.414	1.420
	Front	0.573	0.042	0.128	0.047	0.036	0.001	0.009	0.664	0.672	0.750	0.758	0.653	0.661	0.739	0.747
Hotspot	Edge Top	0.948		0.128		0.000		0.007	0.948	0.955	1.077	1.083	0.949	0.955	1.077	1.084
	Edge Right	0.264				0.099			0.264	0.264	0.264	0.264	0.363	0.363	0.363	0.363
	Edge Bottom		0.042		0.022		0.001		0.066	0.065	0.024	0.022	0.044	0.042	0.001	0.000
	Edge Left	0.937	0.326	0.279	0.064		0.025	0.029	1.352	1.356	1.305	1.309	1.288	1.292	1.241	1.245

RF Exposure conditions	Test Position	Standalone SAR (W/kg)							∑ 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_{Low}) ANT3	5 BT (P_{Low}) 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	1+3+5+7
Head	Left Cheek	0.313	0.031	0.275	0.011	0.095	0.001	0.008	0.357	0.363	0.601	0.608	0.440	0.447	0.684	0.691
	Left Tilt	0.162	0.031	0.275	0.002	0.024	0.001	0.007	0.197	0.202	0.441	0.446	0.218	0.224	0.462	0.468
	Right Cheek	0.287	0.138	0.275	0.003	0.022	0.001	0.039	0.430	0.468	0.567	0.605	0.449	0.487	0.586	0.624
	Right Tilt	0.157	0.031	0.342	0.003	0.005	0.001	0.027	0.193	0.219	0.504	0.530	0.195	0.221	0.506	0.532
Body-worn & Hotspot	Back	0.950	0.360	0.360	0.065	0.083	0.031	0.038	1.407	1.413	1.406	1.413	1.425	1.431	1.424	1.431
	Front	0.600	0.042	0.128	0.047	0.036	0.001	0.009	0.691	0.699	0.777	0.784	0.679	0.687	0.765	0.773
Hotspot	Edge Top			0.128		0.000		0.007	0.000	0.007	0.128	0.135	0.000	0.007	0.128	0.135
	Edge Right					0.099			0.000	0.000	0.000	0.000	0.099	0.099	0.099	0.099
	Edge Bottom	0.471	0.042		0.022		0.001		0.537	0.536	0.495	0.494	0.515	0.514	0.473	0.471
	Edge Left	0.892	0.326	0.279	0.064		0.025	0.029	1.307	1.311	1.260	1.264	1.243	1.247	1.196	1.200

RF Exposure conditions	Test Position	Standalone SAR (W/kg)							∑ 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_{Low}) ANT3	5 BT (P_{Low}) 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	1+3+5+7
Head	Left Cheek	0.944	0.031	0.275	0.011	0.095	0.001	0.008	0.987	0.994	1.231	1.238	1.071	1.078	1.315	1.322
	Left Tilt	0.645	0.031	0.275	0.002	0.024	0.001	0.007	0.679	0.685	0.923	0.929	0.701	0.707	0.945	0.951
	Right Cheek	0.458	0.138	0.275	0.003	0.022	0.001	0.039	0.600	0.638	0.737	0.775	0.620	0.657	0.756	0.794
	Right Tilt	0.293	0.031	0.342	0.003	0.005	0.001	0.027	0.328	0.354	0.639	0.665	0.330	0.356	0.642	0.667
Body-worn & Hotspot	Back	0.947	0.360	0.360	0.065	0.083	0.031	0.038	1.404	1.410	1.403	1.410	1.422	1.428	1.421	1.428
	Front	0.486	0.042	0.128	0.047	0.036	0.001	0.009	0.577	0.585	0.663	0.671	0.566	0.574	0.652	0.660
Hotspot	Edge Top	0.589		0.128		0.000		0.007	0.589	0.596	0.718	0.725	0.590	0.596	0.718	0.725
	Edge Right	0.949				0.099			0.949	0.949	0.949	0.949	1.048	1.048	1.048	1.048
	Edge Bottom		0.042		0.022		0.001		0.066	0.065	0.024	0.022	0.044	0.042	0.001	0.000
	Edge Left		0.326	0.279	0.064		0.025	0.029	0.415	0.419	0.368	0.372	0.351	0.355	0.304	0.308

RF Exposure conditions	Test Position	Standalone SAR (W/kg)							∑ 1-g SAR (W/kg)							
		1 WWAN Cell-on ANT7	2 Wi-Fi 5G Pstate 6 ANT5	3 Wi-Fi 5G Pstate 6 ANT6	4 BT (P_{Low}) ANT3	5 BT (P_{Low}) 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	1+3+5+7
Head	Left Cheek	0.047	0.031	0.275	0.011	0.095	0.001	0.008	0.091	0.098	0.335	0.342	0.174	0.181	0.418	0.425
	Left Tilt	0.047	0.031	0.275	0.002	0.024	0.001	0.007	0.081	0.087	0.325	0.331	0.103	0.108	0.347	0.353
	Right Cheek	0.225	0.138	0.275	0.003	0.022	0.001	0.039	0.368	0.405	0.504	0.542	0.387	0.425	0.524	0.562
	Right Tilt	0.014	0.031	0.342	0.003	0.005	0.001	0.027	0.049	0.075	0.360	0.386	0.051	0.077	0.362	0.388
Body-worn & Hotspot	Back	0.847	0.360	0.360	0.065	0.083	0.031	0.038	1.304	1.310	1.303	1.309	1.321	1.328	1.321	1.327
	Front	0.323	0.042	0.128	0.047	0.036	0.001	0.009	0.414	0.422	0.500	0.508	0.403	0.410	0.488	0.496
Hotspot	Edge Top			0.128		0.000		0.007	0.000	0.007	0.128	0.135	0.000	0.007	0.128	0.135
	Edge Right	0.914				0.099			0.914	0.914	0.914	0.914	1.013	1.013	1.013	1.013
	Edge Bottom	0.340	0.042		0.022		0.001		0.406	0.404	0.363	0.362	0.383	0.382	0.341	0.340
	Edge Left		0.326	0.279	0.064		0.025	0.029	0.415	0.419	0.368	0.372	0.351	0.355	0.304	0.308

RF Exposure conditions	Test Position	Standalone SAR (W/kg)							∑ 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_{Low}) ANT3	5 BT (P_{Low}) 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	1+3+5+7
Head	Left Cheek	0.250	0.031	0.275	0.011	0.095	0.001	0.008	0.294	0.300	0.538	0.544	0.377	0.384	0.621	0.628
	Left Tilt	0.193	0.031	0.275	0.002	0.024	0.001	0.007	0.227	0.233	0.471	0.477	0.249	0.254	0.493	0.498
	Right Cheek	0.907	0.138	0.275	0.003	0.022	0.001	0.039	1.049	1.087	1.186	1.224	1.068	1.106	1.205	1.243
	Right Tilt	0.497	0.031	0.342	0.003	0.005	0.001	0.027	0.533	0.558	0.844	0.870	0.535	0.561	0.846	0.872
Body-worn & Hotspot	Back	0.468	0.360	0.360	0.065	0.083	0.031	0.038	0.924	0.931	0.924	0.930	0.942	0.949	0.942	0.948
	Front	0.378	0.042	0.128	0.047	0.036	0.001	0.009	0.468	0.476	0.554	0.562	0.457	0.465	0.543	0.551
Hotspot	Edge Top	0.183		0.128		0.000		0.007	0.183	0.189	0.311	0.318	0.183	0.189	0.311	0.318
	Edge Right					0.099			0.000	0.000	0.000	0.000	0.099	0.099	0.099	0.099
	Edge Bottom		0.042		0.022		0.001		0.066	0.065	0.024	0.022	0.044	0.042	0.001	0.000
	Edge Left	0.929	0.326	0.279	0.064		0.025	0.029	1.344	1.348	1.297	1.302	1.280	1.284	1.233	1.238

RF Exposure conditions	Test Position	Standalone SAR (W/kg)							∑ 1-g SAR (W/kg)							
		1 WWAN Cell-on ANT9	2 Wi-Fi 5G Pstate 6 ANT5	3 Wi-Fi 5G Pstate 6 ANT6	4 BT (P_{Low}) ANT3	5 BT (P_{Low}) 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	1+3+5+7
Head	Left Cheek	0.053	0.031	0.275	0.011	0.095	0.001	0.008	0.096	0.103	0.340	0.347	0.180	0.187	0.424	0.431
	Left Tilt	0.025	0.031	0.275	0.002	0.024	0.001	0.007	0.059	0.065	0.303	0.309	0.081	0.086	0.325	0.331
	Right Cheek	0.031	0.138	0.275	0.003	0.022	0.001	0.039	0.174	0.212	0.311	0.349	0.193	0.231	0.330	0.368
	Right Tilt	0.031	0.031	0.342	0.003	0.005	0.001	0.027	0.066	0.092	0.378	0.403	0.068	0.094	0.380	0.405
Body-worn & Hotspot	Back	0.944	0.360	0.360	0.065	0.083	0.031	0.038	1.401	1.407	1.400	1.406	1.418	1.425	1.418	1.424
	Front	0.554	0.042	0.128	0.047	0.036	0.001	0.009	0.645	0.652	0.730	0.738	0.633	0.641	0.719	0.727
Hotspot	Edge Top			0.128		0.000		0.007	0.000	0.007	0.128	0.135	0.000	0.007	0.128	0.135
	Edge Right					0.099			0.000	0.000	0.000	0.000	0.099	0.099	0.099	0.099
	Edge Bottom	0.783	0.042		0.022		0.001		0.849	0.847	0.806	0.805	0.827	0.825	0.784	0.783
	Edge Left	0.720	0.326	0.279	0.064		0.025	0.029	1.135	1.139	1.089	1.093	1.071	1.075	1.025	1.029

12.25. 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)							∑ 1-g SAR (W/kg)							
		1	2	3	4	5	6	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	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
Head	Left Cheek	0.214	0.031	0.275	0.000	0.028	0.001	0.008	0.246	0.253	0.490	0.497	0.274	0.280	0.518	0.524
	Left Tilt	0.117	0.031	0.275	0.000	0.009	0.001	0.007	0.149	0.155	0.393	0.399	0.158	0.164	0.402	0.408
	Right Cheek	0.364	0.138	0.275	0.000	0.009	0.001	0.039	0.503	0.541	0.640	0.678	0.512	0.550	0.649	0.687
	Right Tilt	0.159	0.031	0.342	0.000	0.003	0.001	0.027	0.191	0.217	0.503	0.528	0.194	0.220	0.505	0.531
Body-worn & Hotspot	Back	0.933	0.360	0.360	0.002	0.035	0.031	0.038	1.326	1.333	1.326	1.332	1.359	1.366	1.359	1.365
	Front	0.617	0.042	0.128	0.000	0.014	0.001	0.009	0.661	0.669	0.747	0.755	0.674	0.682	0.760	0.768
Hotspot	Edge Top			0.128		0.004		0.007	0.000	0.007	0.128	0.135	0.004	0.010	0.132	0.139
	Edge Right	0.948				0.034			0.948	0.948	0.948	0.948	0.982	0.982	0.982	0.982
	Edge Bottom	0.950	0.042		0.000		0.001		0.994	0.993	0.952	0.951	0.994	0.993	0.952	0.950
	Edge Left	0.382	0.326	0.279	0.000		0.025	0.029	0.733	0.737	0.686	0.690	0.733	0.737	0.686	0.690

RF Exposure conditions	Test Position	Standalone SAR (W/kg)							∑ 1-g SAR (W/kg)							
		1	2	3	4	5	6	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	802.15.4ab NB ANT5	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	1+3+5+7
Head	Left Cheek	0.731	0.031	0.275	0.000	0.028	0.001	0.008	0.764	0.770	1.008	1.014	0.791	0.798	1.035	1.042
	Left Tilt	0.766	0.031	0.275	0.000	0.009	0.001	0.007	0.798	0.804	1.042	1.048	0.807	0.813	1.051	1.057
	Right Cheek	0.937	0.138	0.275	0.000	0.009	0.001	0.039	1.076	1.114	1.213	1.251	1.085	1.123	1.222	1.260
	Right Tilt	0.938	0.031	0.342	0.000	0.003	0.001	0.027	0.970	0.996	1.282	1.307	0.973	0.999	1.285	1.310
Body-worn & Hotspot	Back	0.940	0.360	0.360	0.002	0.035	0.031	0.038	1.333	1.340	1.333	1.339	1.366	1.373	1.366	1.372
	Front	0.573	0.042	0.128	0.000	0.014	0.001	0.009	0.617	0.625	0.703	0.711	0.631	0.639	0.717	0.725
Hotspot	Edge Top	0.948		0.128		0.004		0.007	0.948	0.955	1.077	1.083	0.952	0.959	1.080	1.087
	Edge Right	0.264				0.034			0.264	0.264	0.264	0.264	0.298	0.298	0.298	0.298
	Edge Bottom		0.042		0.000		0.001		0.044	0.042	0.001	0.000	0.044	0.042	0.001	0.000
	Edge Left	0.937	0.326	0.279	0.000		0.025	0.029	1.288	1.292	1.241	1.245	1.288	1.292	1.241	1.245

RF Exposure conditions	Test Position	Standalone SAR (W/kg)							∑ 1-g SAR (W/kg)							
		1	2	3	4	5	6	7								
		WWAN Cell-on ANT3	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	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
Head	Left Cheek	0.313	0.031	0.275	0.000	0.028	0.001	0.008	0.345	0.352	0.589	0.596	0.373	0.380	0.617	0.624
	Left Tilt	0.162	0.031	0.275	0.000	0.009	0.001	0.007	0.195	0.200	0.439	0.444	0.203	0.209	0.448	0.453
	Right Cheek	0.287	0.138	0.275	0.000	0.009	0.001	0.039	0.427	0.465	0.564	0.602	0.436	0.474	0.573	0.610
	Right Tilt	0.157	0.031	0.342	0.000	0.003	0.001	0.027	0.190	0.215	0.501	0.527	0.193	0.218	0.504	0.530
Body-worn & Hotspot	Back	0.950	0.360	0.360	0.002	0.035	0.031	0.038	1.344	1.350	1.343	1.350	1.376	1.383	1.376	1.382
	Front	0.600	0.042	0.128	0.000	0.014	0.001	0.009	0.644	0.652	0.730	0.738	0.658	0.666	0.744	0.752
Hotspot	Edge Top			0.128		0.004		0.007	0.000	0.007	0.128	0.135	0.004	0.010	0.132	0.139
	Edge Right					0.034			0.000	0.000	0.000	0.000	0.034	0.034	0.034	0.034
	Edge Bottom	0.471	0.042		0.000		0.001		0.515	0.514	0.473	0.472	0.515	0.514	0.473	0.471
	Edge Left	0.892	0.326	0.279	0.000		0.025	0.029	1.243	1.247	1.196	1.201	1.243	1.247	1.196	1.200

RF Exposure conditions	Test Position	Standalone SAR (W/kg)							∑ 1-g SAR (W/kg)							
		1	2	3	4	5	6	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	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
Head	Left Cheek	0.944	0.031	0.275	0.000	0.028	0.001	0.008	0.976	0.983	1.220	1.227	1.004	1.010	1.248	1.254
	Left Tilt	0.645	0.031	0.275	0.000	0.009	0.001	0.007	0.677	0.683	0.921	0.927	0.686	0.692	0.930	0.936
	Right Cheek	0.458	0.138	0.275	0.000	0.009	0.001	0.039	0.597	0.635	0.734	0.772	0.606	0.644	0.743	0.781
	Right Tilt	0.293	0.031	0.342	0.000	0.003	0.001	0.027	0.325	0.351	0.636	0.662	0.328	0.354	0.639	0.665
Body-worn & Hotspot	Back	0.947	0.360	0.360	0.002	0.035	0.031	0.038	1.341	1.347	1.340	1.346	1.373	1.380	1.373	1.379
	Front	0.486	0.042	0.128	0.000	0.014	0.001	0.009	0.530	0.538	0.616	0.624	0.544	0.552	0.630	0.638
Hotspot	Edge Top	0.589		0.128		0.004		0.007	0.589	0.596	0.718	0.725	0.593	0.600	0.721	0.728
	Edge Right	0.949				0.034			0.949	0.949	0.949	0.949	0.983	0.983	0.983	0.983
	Edge Bottom		0.042		0.000		0.001		0.044	0.042	0.001	0.000	0.044	0.042	0.001	0.000
	Edge Left		0.326	0.279	0.000		0.025	0.029	0.351	0.355	0.304	0.309	0.351	0.355	0.304	0.308

RF Exposure conditions	Test Position	Standalone SAR (W/kg)							∑ 1-g SAR (W/kg)							
		1	2	3	4	5	6	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	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
Head	Left Cheek	0.047	0.031	0.275	0.000	0.028	0.001	0.008	0.079	0.086	0.323	0.330	0.107	0.114	0.351	0.358
	Left Tilt	0.047	0.031	0.275	0.000	0.009	0.001	0.007	0.079	0.085	0.323	0.329	0.088	0.094	0.332	0.338
	Right Cheek	0.225	0.138	0.275	0.000	0.009	0.001	0.039	0.365	0.402	0.501	0.539	0.373	0.411	0.510	0.548
	Right Tilt	0.014	0.031	0.342	0.000	0.003	0.001	0.027	0.046	0.072	0.357	0.383	0.049	0.075	0.360	0.386
Body-worn & Hotspot	Back	0.847	0.360	0.360	0.002	0.035	0.031	0.038	1.240	1.247	1.240	1.246	1.273	1.280	1.273	1.279
	Front	0.323	0.042	0.128	0.000	0.014	0.001	0.009	0.367	0.375	0.453	0.461	0.381	0.389	0.467	0.475
Hotspot	Edge Top			0.128		0.004		0.007	0.000	0.007	0.128	0.135	0.004	0.010	0.132	0.139
	Edge Right	0.914				0.034			0.914	0.914	0.914	0.914	0.948	0.948	0.948	0.948
	Edge Bottom	0.340	0.042		0.000		0.001		0.383	0.382	0.341	0.340	0.383	0.382	0.341	0.340
	Edge Left		0.326	0.279	0.000		0.025	0.029	0.351	0.355	0.304	0.309	0.351	0.355	0.304	0.308

RF Exposure conditions	Test Position	Standalone SAR (W/kg)							∑ 1-g SAR (W/kg)							
		1	2	3	4	5	6	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	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
Head	Left Cheek	0.250	0.031	0.275	0.000	0.028	0.001	0.008	0.282	0.289	0.526	0.533	0.310	0.317	0.554	0.561
	Left Tilt	0.193	0.031	0.275	0.000	0.009	0.001	0.007	0.225	0.231	0.469	0.475	0.234	0.240	0.478	0.484
	Right Cheek	0.907	0.138	0.275	0.000	0.009	0.001	0.039	1.046	1.084	1.183	1.221	1.055	1.093	1.192	1.230
	Right Tilt	0.497	0.031	0.342	0.000	0.003	0.001	0.027	0.530	0.555	0.841	0.867	0.533	0.558	0.844	0.870
Body-worn & Hotspot	Back	0.468	0.360	0.360	0.002	0.035	0.031	0.038	0.861	0.868	0.860	0.867	0.894	0.901	0.893	0.900
	Front	0.378	0.042	0.128	0.000	0.014	0.001	0.009	0.422	0.430	0.507	0.515	0.435	0.443	0.521	0.529
Hotspot	Edge Top	0.183		0.128		0.004		0.007	0.183	0.189	0.311	0.318	0.186	0.193	0.314	0.321
	Edge Right					0.034			0.000	0.000	0.000	0.000	0.034	0.034	0.034	0.034
	Edge Bottom		0.042		0.000		0.001		0.044	0.042	0.001	0.000	0.044	0.042	0.001	0.000
	Edge Left	0.929	0.326	0.279	0.000		0.025	0.029	1.280	1.284	1.233	1.238	1.280	1.284	1.233	1.238

RF Exposure conditions	Test Position	Standalone SAR (W/kg)							∑ 1-g SAR (W/kg)							
		1	2	3	4	5	6	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	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
Head	Left Cheek	0.053	0.031	0.275	0.000	0.028	0.001	0.008	0.085	0.092	0.329	0.336	0.113	0.119	0.357	0.363
	Left Tilt	0.025	0.031	0.275	0.000	0.009	0.001	0.007	0.057	0.063	0.301	0.307	0.066	0.072	0.310	0.316
	Right Cheek	0.031	0.138	0.275	0.000	0.009	0.001	0.039	0.171	0.209	0.308	0.346	0.180	0.218	0.317	0.355
	Right Tilt	0.031	0.031	0.342	0.000	0.003	0.001	0.027	0.063	0.089	0.375	0.400	0.066	0.092	0.377	0.403
Body-worn & Hotspot	Back	0.944	0.360	0.360	0.002	0.035	0.031	0.038	1.337	1.344	1.337	1.343	1.370	1.377	1.369	1.376
	Front	0.554	0.042	0.128	0.000	0.014	0.001	0.009	0.598	0.606	0.684	0.692	0.612	0.620	0.697	0.705
Hotspot	Edge Top			0.128		0.004		0.007	0.000	0.007	0.128	0.135	0.004	0.010	0.132	0.139
	Edge Right					0.034			0.000	0.000	0.000	0.000	0.034	0.034	0.034	0.034
	Edge Bottom	0.783	0.042		0.000		0.001		0.827	0.825	0.784	0.783	0.827	0.825	0.784	0.783
	Edge Left	0.720	0.326	0.279	0.000		0.025	0.029	1.071	1.076	1.025	1.029	1.071	1.075	1.025	1.029

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

RF Exposure conditions	Test Position	Standalone SAR (W/kg)							∑ 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						
Head	Left Cheek	0.920	0.152	0.397	0.006	0.119	0.000	0.175	1.072	1.317	0.926	1.038	0.920	1.095
	Left Tilt	0.788	0.045	0.100	0.003	0.121	0.000	0.055	0.834	0.888	0.791	0.910	0.788	0.843
	Right Cheek	0.202	0.058	0.123	0.020	0.386	0.000	0.053	0.260	0.326	0.222	0.589	0.202	0.255
	Right Tilt	0.246	0.055	0.034	0.001	0.298	0.000	0.021	0.301	0.280	0.247	0.544	0.246	0.267
Body-worn & Hotspot	Back	0.932	0.397	0.245	0.395	0.196	0.020	0.143	1.329	1.177	1.327	1.128	0.952	1.075
	Front	0.249	0.285	0.199	0.026	0.034	0.006	0.051	0.534	0.448	0.275	0.283	0.255	0.300
Hotspot	Edge Top	0.173		0.021		0.027		0.015	0.173	0.194	0.173	0.200	0.173	0.188
	Edge Right	0.588		0.395				0.161	0.588	0.983	0.588	0.588	0.588	0.749
	Edge Bottom		0.108		0.020		0.001		0.108	0.000	0.020	0.000	0.001	0.000
	Edge Left		0.247		0.113	0.174	0.006		0.247	0.000	0.113	0.174	0.006	0.000

RF Exposure conditions	Test Position	Standalone SAR (W/kg)							∑ 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_{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	0.096	0.152	0.397	0.006	0.119	0.000	0.175	0.249	0.493	0.102	0.215	0.096	0.271
	Left Tilt	0.066	0.045	0.100	0.003	0.121	0.000	0.055	0.111	0.166	0.069	0.187	0.066	0.121
	Right Cheek	0.169	0.058	0.123	0.020	0.386	0.000	0.053	0.227	0.293	0.189	0.556	0.169	0.222
	Right Tilt	0.034	0.055	0.034	0.001	0.298	0.000	0.021	0.089	0.068	0.035	0.331	0.034	0.055
Body-worn & Hotspot	Back	0.559	0.397	0.245	0.395	0.196	0.020	0.143	0.956	0.804	0.954	0.755	0.579	0.702
	Front	0.282	0.285	0.199	0.026	0.034	0.006	0.051	0.567	0.480	0.308	0.316	0.287	0.333
Hotspot	Edge Top			0.021		0.027		0.015	0.000	0.021	0.000	0.027	0.000	0.015
	Edge Right	0.928		0.395				0.161	0.928	1.323	0.928	0.928	0.928	1.089
	Edge Bottom	0.158	0.108		0.020		0.001		0.266	0.158	0.178	0.158	0.159	0.158
	Edge Left		0.247		0.113	0.174	0.006		0.247	0.000	0.113	0.174	0.006	0.000

RF Exposure conditions	Test Position	Standalone SAR (W/kg)							∑ 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_{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	0.149	0.152	0.397	0.006	0.119	0.000	0.175	0.301	0.546	0.155	0.267	0.149	0.324
	Left Tilt	0.125	0.045	0.100	0.003	0.121	0.000	0.055	0.171	0.225	0.128	0.247	0.126	0.181
	Right Cheek	0.950	0.058	0.123	0.020	0.386	0.000	0.053	1.008	1.074	0.970	1.337	0.951	1.004
	Right Tilt	0.265	0.055	0.034	0.001	0.298	0.000	0.021	0.320	0.299	0.266	0.562	0.265	0.286
Body-worn & Hotspot	Back	0.494	0.397	0.245	0.395	0.196	0.020	0.143	0.891	0.739	0.889	0.690	0.514	0.637
	Front	0.340	0.285	0.199	0.026	0.034	0.006	0.051	0.625	0.538	0.365	0.374	0.345	0.390
Hotspot	Edge Top	0.166		0.021		0.027		0.015	0.166	0.186	0.166	0.192	0.166	0.181
	Edge Right			0.395				0.161	0.000	0.395	0.000	0.000	0.000	0.161
	Edge Bottom		0.108		0.020		0.001		0.108	0.000	0.020	0.000	0.001	0.000
	Edge Left	0.824	0.247		0.113	0.174	0.006		1.071	0.824	0.937	0.998	0.830	0.824

RF Exposure conditions	Test Position	Standalone SAR (W/kg)							∑ 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_{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	0.050	0.152	0.397	0.006	0.119	0.000	0.175	0.202	0.447	0.056	0.169	0.050	0.225
	Left Tilt	0.025	0.045	0.100	0.003	0.121	0.000	0.055	0.070	0.125	0.028	0.146	0.025	0.080
	Right Cheek	0.031	0.058	0.123	0.020	0.386	0.000	0.053	0.089	0.155	0.051	0.418	0.031	0.085
	Right Tilt	0.016	0.055	0.034	0.001	0.298	0.000	0.021	0.071	0.050	0.017	0.314	0.016	0.037
Body-worn & Hotspot	Back	0.923	0.397	0.245	0.395	0.196	0.020	0.143	1.320	1.168	1.318	1.119	0.943	1.066
	Front	0.692	0.285	0.199	0.026	0.034	0.006	0.051	0.977	0.890	0.718	0.726	0.697	0.742
Hotspot	Edge Top			0.021		0.027		0.015	0.000	0.021	0.000	0.027	0.000	0.015
	Edge Right			0.395				0.161	0.000	0.395	0.000	0.000	0.000	0.161
	Edge Bottom	0.797	0.108		0.020		0.001		0.905	0.797	0.817	0.797	0.799	0.797
	Edge Left	0.596	0.247		0.113	0.174	0.006		0.843	0.596	0.709	0.769	0.602	0.596

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

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 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	0.920	0.011	0.095	0.001	0.008	0.933	0.939	1.016	1.023
	Left Tilt	0.788	0.002	0.024	0.001	0.007	0.792	0.797	0.813	0.819
	Right Cheek	0.202	0.003	0.022	0.001	0.039	0.207	0.245	0.226	0.264
	Right Tilt	0.246	0.003	0.005	0.001	0.027	0.251	0.276	0.253	0.278
Body-worn & Hotspot	Back	0.932	0.065	0.083	0.031	0.038	1.028	1.035	1.046	1.053
	Front	0.249	0.047	0.036	0.001	0.009	0.297	0.305	0.286	0.294
Hotspot	Edge Top	0.173		0.000		0.007	0.173	0.180	0.173	0.180
	Edge Right	0.588		0.099			0.588	0.588	0.687	0.687
	Edge Bottom		0.022		0.001		0.024	0.022	0.001	0.000
	Edge Left		0.064		0.025	0.029	0.089	0.093	0.025	0.029

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 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	0.096	0.011	0.095	0.001	0.008	0.109	0.116	0.192	0.199
	Left Tilt	0.066	0.002	0.024	0.001	0.007	0.070	0.075	0.091	0.097
	Right Cheek	0.169	0.003	0.022	0.001	0.039	0.174	0.212	0.193	0.231
	Right Tilt	0.034	0.003	0.005	0.001	0.027	0.038	0.064	0.040	0.066
Body-worn & Hotspot	Back	0.559	0.065	0.083	0.031	0.038	0.655	0.662	0.673	0.680
	Front	0.282	0.047	0.036	0.001	0.009	0.330	0.338	0.319	0.327
Hotspot	Edge Top			0.000		0.007	0.000	0.007	0.000	0.007
	Edge Right	0.928		0.099			0.928	0.928	1.027	1.027
	Edge Bottom	0.158	0.022		0.001		0.181	0.180	0.159	0.158
	Edge Left		0.064		0.025	0.029	0.089	0.093	0.025	0.029

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 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	0.149	0.011	0.095	0.001	0.008	0.162	0.168	0.245	0.252
	Left Tilt	0.125	0.002	0.024	0.001	0.007	0.129	0.134	0.151	0.156
	Right Cheek	0.950	0.003	0.022	0.001	0.039	0.955	0.993	0.974	1.012
	Right Tilt	0.265	0.003	0.005	0.001	0.027	0.269	0.295	0.271	0.297
Body-worn & Hotspot	Back	0.494	0.065	0.083	0.031	0.038	0.590	0.597	0.608	0.615
	Front	0.340	0.047	0.036	0.001	0.009	0.388	0.396	0.377	0.385
Hotspot	Edge Top	0.166		0.000		0.007	0.166	0.172	0.166	0.172
	Edge Right			0.099			0.000	0.000	0.099	0.099
	Edge Bottom		0.022		0.001		0.024	0.022	0.001	0.000
	Edge Left	0.824	0.064		0.025	0.029	0.913	0.918	0.849	0.854

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 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	0.050	0.011	0.095	0.001	0.008	0.063	0.070	0.146	0.153
	Left Tilt	0.025	0.002	0.024	0.001	0.007	0.029	0.034	0.050	0.056
	Right Cheek	0.031	0.003	0.022	0.001	0.039	0.036	0.074	0.055	0.093
	Right Tilt	0.016	0.003	0.005	0.001	0.027	0.020	0.046	0.023	0.048
Body-worn & Hotspot	Back	0.923	0.065	0.083	0.031	0.038	1.019	1.026	1.037	1.044
	Front	0.692	0.047	0.036	0.001	0.009	0.740	0.748	0.729	0.737
Hotspot	Edge Top			0.000		0.007	0.000	0.007	0.000	0.007
	Edge Right			0.099			0.000	0.000	0.099	0.099
	Edge Bottom	0.797	0.022		0.001		0.821	0.819	0.799	0.797
	Edge Left	0.596	0.064		0.025	0.029	0.685	0.689	0.621	0.625

12.28. WWAN(CBE) $_{\text{Cell-on}}$ & BT & 802.15.4ab NB

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 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	0.920	0.000	0.175	0.001	0.008	0.921	0.928	0.921	0.928
	Left Tilt	0.788	0.000	0.055	0.001	0.007	0.790	0.795	0.790	0.795
	Right Cheek	0.202	0.000	0.053	0.001	0.039	0.204	0.242	0.204	0.242
	Right Tilt	0.246	0.000	0.021	0.001	0.027	0.247	0.273	0.247	0.273
Body-worn & Hotspot	Back	0.932	0.020	0.143	0.031	0.038	0.983	0.989	0.983	0.989
	Front	0.249	0.006	0.051	0.001	0.009	0.256	0.264	0.256	0.264
Hotspot	Edge Top	0.173		0.015		0.007	0.173	0.180	0.173	0.180
	Edge Right	0.588		0.161			0.588	0.588	0.588	0.588
	Edge Bottom		0.001		0.001		0.003	0.001	0.003	0.001
	Edge Left		0.006		0.025	0.029	0.032	0.036	0.032	0.036

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 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	0.096	0.000	0.175	0.001	0.008	0.098	0.104	0.098	0.104
	Left Tilt	0.066	0.000	0.055	0.001	0.007	0.068	0.073	0.068	0.073
	Right Cheek	0.169	0.000	0.053	0.001	0.039	0.171	0.209	0.171	0.209
	Right Tilt	0.034	0.000	0.021	0.001	0.027	0.035	0.061	0.035	0.061
Body-worn & Hotspot	Back	0.559	0.020	0.143	0.031	0.038	0.610	0.616	0.610	0.616
	Front	0.282	0.006	0.051	0.001	0.009	0.289	0.297	0.289	0.297
Hotspot	Edge Top			0.015		0.007	0.000	0.007	0.000	0.007
	Edge Right	0.928		0.161			0.928	0.928	0.928	0.928
	Edge Bottom	0.158	0.001		0.001		0.161	0.159	0.161	0.159
	Edge Left		0.006		0.025	0.029	0.032	0.036	0.032	0.036

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 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	0.149	0.000	0.175	0.001	0.008	0.150	0.157	0.150	0.157
	Left Tilt	0.125	0.000	0.055	0.001	0.007	0.127	0.132	0.127	0.132
	Right Cheek	0.950	0.000	0.053	0.001	0.039	0.952	0.990	0.952	0.990
	Right Tilt	0.265	0.000	0.021	0.001	0.027	0.266	0.292	0.266	0.292
Body-worn & Hotspot	Back	0.494	0.020	0.143	0.031	0.038	0.545	0.551	0.545	0.551
	Front	0.340	0.006	0.051	0.001	0.009	0.347	0.355	0.347	0.355
Hotspot	Edge Top	0.166		0.015		0.007	0.166	0.172	0.166	0.172
	Edge Right			0.161			0.000	0.000	0.000	0.000
	Edge Bottom		0.001		0.001		0.003	0.001	0.003	0.001
	Edge Left	0.824	0.006		0.025	0.029	0.856	0.860	0.856	0.860

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 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	0.050	0.000	0.175	0.001	0.008	0.051	0.058	0.051	0.058
	Left Tilt	0.025	0.000	0.055	0.001	0.007	0.027	0.032	0.027	0.032
	Right Cheek	0.031	0.000	0.053	0.001	0.039	0.033	0.071	0.033	0.071
	Right Tilt	0.016	0.000	0.021	0.001	0.027	0.017	0.043	0.017	0.043
Body-worn & Hotspot	Back	0.923	0.020	0.143	0.031	0.038	0.974	0.980	0.974	0.980
	Front	0.692	0.006	0.051	0.001	0.009	0.699	0.707	0.699	0.707
Hotspot	Edge Top			0.015		0.007	0.000	0.007	0.000	0.007
	Edge Right			0.161			0.000	0.000	0.000	0.000
	Edge Bottom	0.797	0.001		0.001		0.800	0.799	0.800	0.799
	Edge Left	0.596	0.006		0.025	0.029	0.627	0.631	0.627	0.631

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

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 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	0.920	0.097	0.402	0.001	0.004	1.018	1.021	1.323	1.327
	Left Tilt	0.788	0.097	0.115	0.001	0.003	0.886	0.889	0.905	0.907
	Right Cheek	0.202	0.097	0.115	0.001	0.022	0.300	0.322	0.319	0.340
	Right Tilt	0.246	0.097	0.115	0.001	0.016	0.344	0.359	0.363	0.377
Body-worn & Hotspot	Back	0.932	0.434	0.297	0.030	0.055	1.396	1.421	1.259	1.284
	Front	0.249	0.229	0.297	0.001	0.000	0.479	0.478	0.547	0.546
Hotspot	Edge Top	0.173		0.297		0.000	0.173	0.173	0.470	0.470
	Edge Right	0.588		0.451			0.588	0.588	1.039	1.039
	Edge Bottom		0.229		0.001		0.230	0.229	0.001	0.000
	Edge Left		0.436		0.009	0.024	0.445	0.460	0.009	0.024

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 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	0.096	0.097	0.402	0.001	0.004	0.194	0.197	0.500	0.503
	Left Tilt	0.066	0.097	0.115	0.001	0.003	0.164	0.166	0.183	0.185
	Right Cheek	0.169	0.097	0.115	0.001	0.022	0.267	0.289	0.286	0.307
	Right Tilt	0.034	0.097	0.115	0.001	0.016	0.132	0.146	0.150	0.165
Body-worn & Hotspot	Back	0.559	0.434	0.297	0.030	0.055	1.023	1.048	0.886	0.911
	Front	0.282	0.229	0.297	0.001	0.000	0.512	0.511	0.580	0.579
Hotspot	Edge Top			0.297		0.000	0.000	0.000	0.297	0.297
	Edge Right	0.928		0.451			0.928	0.928	1.379	1.379
	Edge Bottom		0.229		0.001		0.388	0.387	0.159	0.158
	Edge Left		0.436		0.009	0.024	0.445	0.460	0.009	0.024

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 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	0.149	0.097	0.402	0.001	0.004	0.247	0.250	0.552	0.556
	Left Tilt	0.125	0.097	0.115	0.001	0.003	0.223	0.226	0.242	0.244
	Right Cheek	0.950	0.097	0.115	0.001	0.022	1.048	1.070	1.067	1.088
	Right Tilt	0.265	0.097	0.115	0.001	0.016	0.362	0.377	0.381	0.396
Body-worn & Hotspot	Back	0.494	0.434	0.297	0.030	0.055	0.958	0.983	0.821	0.846
	Front	0.340	0.229	0.297	0.001	0.000	0.569	0.568	0.638	0.637
Hotspot	Edge Top	0.166		0.297		0.000	0.166	0.166	0.463	0.463
	Edge Right			0.451			0.000	0.000	0.451	0.451
	Edge Bottom		0.229		0.001		0.230	0.229	0.001	0.000
	Edge Left	0.824	0.436		0.009	0.024	1.269	1.284	0.833	0.848

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 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	0.050	0.097	0.402	0.001	0.004	0.148	0.151	0.454	0.457
	Left Tilt	0.025	0.097	0.115	0.001	0.003	0.123	0.125	0.142	0.144
	Right Cheek	0.031	0.097	0.115	0.001	0.022	0.129	0.151	0.148	0.169
	Right Tilt	0.016	0.097	0.115	0.001	0.016	0.114	0.129	0.132	0.147
Body-worn & Hotspot	Back	0.923	0.434	0.297	0.030	0.055	1.387	1.412	1.250	1.275
	Front	0.692	0.229	0.297	0.001	0.000	0.922	0.920	0.990	0.989
Hotspot	Edge Top			0.297		0.000	0.000	0.000	0.297	0.297
	Edge Right			0.451			0.000	0.000	0.451	0.451
	Edge Bottom	0.797	0.229		0.001		1.027	1.026	0.798	0.797
	Edge Left	0.596	0.436		0.009	0.024	1.041	1.056	0.605	0.620

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

RF Exposure conditions	Test Position	Standalone SAR (W/kg)							∑ 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	0.920	0.039	0.356	0.011	0.095	0.000	0.028	0.970	1.054	1.288	1.371	0.959	0.986	1.276	1.304
	Left Tilt	0.788	0.039	0.356	0.002	0.024	0.000	0.009	0.829	0.851	1.147	1.169	0.827	0.836	1.145	1.154
	Right Cheek	0.202	0.174	0.356	0.003	0.022	0.000	0.009	0.379	0.398	0.562	0.581	0.376	0.385	0.559	0.568
	Right Tilt	0.246	0.039	0.443	0.003	0.005	0.000	0.003	0.288	0.290	0.693	0.695	0.285	0.288	0.690	0.693
Body-worn & Hotspot	Back	0.932	0.460	0.452	0.065	0.083	0.002	0.035	1.457	1.475	1.449	1.467	1.394	1.427	1.386	1.419
	Front	0.249	0.109	0.166	0.047	0.036	0.000	0.014	0.405	0.394	0.462	0.451	0.358	0.372	0.415	0.429
Hotspot	Edge Top	0.173		0.166		0.000		0.004	0.173	0.173	0.340	0.340	0.173	0.177	0.340	0.343
	Edge Right	0.588				0.099		0.034	0.588	0.687	0.588	0.687	0.588	0.622	0.588	0.622
	Edge Bottom		0.109		0.022		0.000		0.131	0.109	0.022	0.000	0.109	0.109	0.000	0.000
	Edge Left		0.354	0.343	0.064		0.000		0.418	0.354	0.407	0.343	0.354	0.354	0.343	0.343

RF Exposure conditions	Test Position	Standalone SAR (W/kg)							∑ 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	0.096	0.039	0.356	0.011	0.095	0.000	0.028	0.146	0.230	0.464	0.547	0.135	0.163	0.453	0.480
	Left Tilt	0.066	0.039	0.356	0.002	0.024	0.000	0.009	0.107	0.129	0.425	0.446	0.105	0.114	0.423	0.431
	Right Cheek	0.169	0.174	0.356	0.003	0.022	0.000	0.009	0.346	0.365	0.529	0.548	0.343	0.352	0.526	0.535
	Right Tilt	0.034	0.039	0.443	0.003	0.005	0.000	0.003	0.076	0.078	0.480	0.482	0.073	0.076	0.477	0.480
Body-worn & Hotspot	Back	0.559	0.460	0.452	0.065	0.083	0.002	0.035	1.084	1.102	1.076	1.094	1.021	1.054	1.013	1.046
	Front	0.282	0.109	0.166	0.047	0.036	0.000	0.014	0.438	0.427	0.495	0.484	0.391	0.405	0.448	0.462
Hotspot	Edge Top			0.166		0.000		0.004	0.000	0.000	0.166	0.166	0.000	0.004	0.166	0.170
	Edge Right	0.928				0.099		0.034	0.928	1.027	0.928	1.027	0.928	0.962	0.928	0.962
	Edge Bottom	0.158	0.109		0.022		0.000		0.289	0.267	0.180	0.158	0.267	0.267	0.158	0.158
	Edge Left		0.354	0.343	0.064		0.000		0.418	0.354	0.407	0.343	0.354	0.354	0.343	0.343

RF Exposure conditions	Test Position	Standalone SAR (W/kg)							∑ 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	0.149	0.039	0.356	0.011	0.095	0.000	0.028	0.199	0.283	0.517	0.600	0.188	0.215	0.505	0.533
	Left Tilt	0.125	0.039	0.356	0.002	0.024	0.000	0.009	0.166	0.188	0.484	0.506	0.164	0.173	0.482	0.491
	Right Cheek	0.950	0.174	0.356	0.003	0.022	0.000	0.009	1.127	1.147	1.310	1.329	1.124	1.133	1.307	1.316
	Right Tilt	0.265	0.039	0.443	0.003	0.005	0.000	0.003	0.306	0.309	0.711	0.713	0.303	0.306	0.708	0.711
Body-worn & Hotspot	Back	0.494	0.460	0.452	0.065	0.083	0.002	0.035	1.019	1.037	1.011	1.029	0.956	0.989	0.948	0.981
	Front	0.340	0.109	0.166	0.047	0.036	0.000	0.014	0.496	0.484	0.553	0.541	0.449	0.463	0.506	0.520
Hotspot	Edge Top	0.166		0.166		0.000		0.004	0.166	0.166	0.332	0.332	0.166	0.169	0.332	0.336
	Edge Right					0.099		0.034	0.000	0.099	0.000	0.099	0.000	0.034	0.000	0.034
	Edge Bottom		0.109		0.022		0.000		0.131	0.109	0.022	0.000	0.109	0.109	0.000	0.000
	Edge Left	0.824	0.354	0.343	0.064		0.000		1.242	1.178	1.231	1.167	1.178	1.178	1.167	1.167

RF Exposure conditions	Test Position	Standalone SAR (W/kg)							∑ 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	0.050	0.039	0.356	0.011	0.095	0.000	0.028	0.100	0.184	0.418	0.501	0.089	0.116	0.406	0.434
	Left Tilt	0.025	0.039	0.356	0.002	0.024	0.000	0.009	0.066	0.088	0.384	0.405	0.064	0.073	0.382	0.391
	Right Cheek	0.031	0.174	0.356	0.003	0.022	0.000	0.009	0.208	0.228	0.391	0.410	0.205	0.214	0.388	0.397
	Right Tilt	0.016	0.039	0.443	0.003	0.005	0.000	0.003	0.058	0.060	0.463	0.465	0.055	0.058	0.460	0.462
Body-worn & Hotspot	Back	0.923	0.460	0.452	0.065	0.083	0.002	0.035	1.448	1.466	1.440	1.458	1.385	1.417	1.377	1.410
	Front	0.692	0.109	0.166	0.047	0.036	0.000	0.014	0.848	0.837	0.905	0.894	0.801	0.815	0.858	0.872
Hotspot	Edge Top			0.166		0.000		0.004	0.000	0.000	0.166	0.166	0.000	0.004	0.166	0.170
	Edge Right					0.099		0.034	0.000	0.099	0.000	0.099	0.000	0.034	0.000	0.034
	Edge Bottom	0.797	0.109		0.022		0.000		0.929	0.906	0.819	0.797	0.906	0.906	0.797	0.797
	Edge Left	0.596	0.354	0.343	0.064		0.000		1.013	0.949	1.003	0.939	0.949	0.949	0.939	0.939

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

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 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	0.920	0.097	0.320	0.001	0.008	1.019	1.025	1.241	1.248
	Left Tilt	0.788	0.097	0.092	0.001	0.007	0.887	0.893	0.881	0.887
	Right Cheek	0.202	0.097	0.092	0.001	0.039	0.301	0.339	0.295	0.333
	Right Tilt	0.246	0.097	0.092	0.001	0.027	0.345	0.371	0.339	0.365
Body-worn & Hotspot	Back	0.932	0.328	0.236	0.031	0.038	1.291	1.297	1.199	1.206
	Front	0.249	0.328	0.236	0.001	0.009	0.578	0.586	0.486	0.494
Hotspot	Edge Top	0.173		0.236		0.007	0.173	0.180	0.409	0.416
	Edge Right	0.588		0.358			0.588	0.588	0.946	0.946
	Edge Bottom		0.328		0.001		0.329	0.328	0.001	0.000
	Edge Left		0.328		0.025	0.029	0.353	0.357	0.025	0.029

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 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	0.096	0.097	0.320	0.001	0.008	0.195	0.202	0.417	0.424
	Left Tilt	0.066	0.097	0.092	0.001	0.007	0.165	0.170	0.159	0.164
	Right Cheek	0.169	0.097	0.092	0.001	0.039	0.268	0.306	0.262	0.300
	Right Tilt	0.034	0.097	0.092	0.001	0.027	0.132	0.158	0.127	0.152
Body-worn & Hotspot	Back	0.559	0.328	0.236	0.031	0.038	0.918	0.924	0.826	0.833
	Front	0.282	0.328	0.236	0.001	0.009	0.611	0.619	0.519	0.527
Hotspot	Edge Top			0.236		0.007	0.000	0.007	0.236	0.243
	Edge Right	0.928		0.358			0.928	0.928	1.286	1.286
	Edge Bottom	0.158	0.328		0.001		0.487	0.486	0.159	0.158
	Edge Left		0.328		0.025	0.029	0.353	0.357	0.025	0.029

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 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	0.149	0.097	0.320	0.001	0.008	0.248	0.254	0.470	0.477
	Left Tilt	0.125	0.097	0.092	0.001	0.007	0.224	0.230	0.218	0.224
	Right Cheek	0.950	0.097	0.092	0.001	0.039	1.049	1.087	1.043	1.081
	Right Tilt	0.265	0.097	0.092	0.001	0.027	0.363	0.389	0.357	0.383
Body-worn & Hotspot	Back	0.494	0.328	0.236	0.031	0.038	0.853	0.859	0.761	0.768
	Front	0.340	0.328	0.236	0.001	0.009	0.669	0.677	0.577	0.585
Hotspot	Edge Top	0.166		0.236		0.007	0.166	0.172	0.402	0.408
	Edge Right			0.358			0.000	0.000	0.358	0.358
	Edge Bottom		0.328		0.001		0.329	0.328	0.001	0.000
	Edge Left	0.824	0.328		0.025	0.029	1.177	1.181	0.849	0.854

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 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	0.050	0.097	0.320	0.001	0.008	0.149	0.156	0.371	0.378
	Left Tilt	0.025	0.097	0.092	0.001	0.007	0.124	0.129	0.118	0.124
	Right Cheek	0.031	0.097	0.092	0.001	0.039	0.130	0.168	0.124	0.162
	Right Tilt	0.016	0.097	0.092	0.001	0.027	0.115	0.140	0.109	0.135
Body-worn & Hotspot	Back	0.923	0.328	0.236	0.031	0.038	1.282	1.288	1.190	1.196
	Front	0.692	0.328	0.236	0.001	0.009	1.021	1.029	0.929	0.937
Hotspot	Edge Top			0.236		0.007	0.000	0.007	0.236	0.243
	Edge Right			0.358			0.000	0.000	0.358	0.358
	Edge Bottom	0.797	0.328		0.001		1.126	1.125	0.799	0.797
	Edge Left	0.596	0.328		0.025	0.029	0.949	0.953	0.621	0.625

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

RF Exposure conditions	Test Position	Standalone SAR (W/kg)							∑ 1-g SAR (W/kg)							
		1	2	3	4	5	6	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	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
Head	Left Cheek	0.920	0.031	0.275	0.011	0.095	0.001	0.008	0.963	0.970	1.207	1.214	1.047	1.054	1.291	1.298
	Left Tilt	0.788	0.031	0.275	0.002	0.024	0.001	0.007	0.823	0.828	1.067	1.072	0.844	0.850	1.088	1.094
	Right Cheek	0.202	0.138	0.275	0.003	0.022	0.001	0.039	0.345	0.383	0.482	0.519	0.364	0.402	0.501	0.539
	Right Tilt	0.246	0.031	0.342	0.003	0.005	0.001	0.027	0.281	0.307	0.593	0.618	0.284	0.309	0.595	0.620
Body-worn & Hotspot	Back	0.932	0.360	0.360	0.065	0.083	0.031	0.038	1.389	1.395	1.388	1.395	1.407	1.413	1.406	1.412
	Front	0.249	0.042	0.128	0.047	0.036	0.001	0.009	0.339	0.347	0.425	0.433	0.328	0.336	0.414	0.422
Hotspot	Edge Top	0.173		0.128		0.000		0.007	0.173	0.180	0.302	0.308	0.173	0.180	0.302	0.308
	Edge Right	0.588				0.099			0.588	0.588	0.588	0.588	0.687	0.687	0.687	0.687
	Edge Bottom		0.042		0.022		0.001		0.066	0.065	0.024	0.022	0.044	0.042	0.001	0.000
	Edge Left		0.326	0.279	0.064		0.025	0.029	0.415	0.419	0.368	0.372	0.351	0.355	0.304	0.308

RF Exposure conditions	Test Position	Standalone SAR (W/kg)							∑ 1-g SAR (W/kg)							
		1	2	3	4	5	6	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	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
Head	Left Cheek	0.096	0.031	0.275	0.011	0.095	0.001	0.008	0.140	0.147	0.384	0.391	0.223	0.230	0.467	0.474
	Left Tilt	0.066	0.031	0.275	0.002	0.024	0.001	0.007	0.100	0.106	0.344	0.350	0.122	0.127	0.366	0.372
	Right Cheek	0.169	0.138	0.275	0.003	0.022	0.001	0.039	0.312	0.350	0.449	0.487	0.331	0.369	0.468	0.506
	Right Tilt	0.034	0.031	0.342	0.003	0.005	0.001	0.027	0.069	0.095	0.380	0.406	0.071	0.097	0.382	0.408
Body-worn & Hotspot	Back	0.559	0.360	0.360	0.065	0.083	0.031	0.038	1.016	1.022	1.015	1.022	1.034	1.040	1.033	1.039
	Front	0.282	0.042	0.128	0.047	0.036	0.001	0.009	0.372	0.380	0.458	0.466	0.361	0.369	0.447	0.455
Hotspot	Edge Top			0.128		0.000		0.007	0.000	0.007	0.128	0.135	0.000	0.007	0.128	0.135
	Edge Right	0.928				0.099			0.928	0.928	0.928	0.928	1.027	1.027	1.027	1.027
	Edge Bottom	0.158	0.042		0.022		0.001		0.224	0.222	0.181	0.180	0.202	0.200	0.159	0.158
	Edge Left		0.326	0.279	0.064		0.025	0.029	0.415	0.419	0.368	0.372	0.351	0.355	0.304	0.308

RF Exposure conditions	Test Position	Standalone SAR (W/kg)							∑ 1-g SAR (W/kg)							
		1	2	3	4	5	6	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	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
Head	Left Cheek	0.149	0.031	0.275	0.011	0.095	0.001	0.008	0.192	0.199	0.437	0.443	0.276	0.283	0.520	0.527
	Left Tilt	0.125	0.031	0.275	0.002	0.024	0.001	0.007	0.160	0.165	0.404	0.409	0.181	0.187	0.425	0.431
	Right Cheek	0.950	0.138	0.275	0.003	0.022	0.001	0.039	1.093	1.131	1.230	1.268	1.112	1.150	1.249	1.287
	Right Tilt	0.265	0.031	0.342	0.003	0.005	0.001	0.027	0.300	0.326	0.611	0.637	0.302	0.328	0.613	0.639
Body-worn & Hotspot	Back	0.494	0.360	0.360	0.065	0.083	0.031	0.038	0.951	0.957	0.950	0.957	0.968	0.975	0.968	0.974
	Front	0.340	0.042	0.128	0.047	0.036	0.001	0.009	0.430	0.438	0.516	0.524	0.419	0.427	0.505	0.513
Hotspot	Edge Top	0.166		0.128		0.000		0.007	0.166	0.172	0.294	0.301	0.166	0.172	0.294	0.301
	Edge Right					0.099			0.000	0.000	0.000	0.000	0.099	0.099	0.099	0.099
	Edge Bottom		0.042		0.022		0.001		0.066	0.065	0.024	0.022	0.044	0.042	0.001	0.000
	Edge Left	0.824	0.326	0.279	0.064		0.025	0.029	1.239	1.243	1.192	1.197	1.175	1.179	1.128	1.133

RF Exposure conditions	Test Position	Standalone SAR (W/kg)							∑ 1-g SAR (W/kg)							
		1	2	3	4	5	6	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	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
Head	Left Cheek	0.050	0.031	0.275	0.011	0.095	0.001	0.008	0.094	0.100	0.338	0.344	0.177	0.184	0.421	0.428
	Left Tilt	0.025	0.031	0.275	0.002	0.024	0.001	0.007	0.059	0.065	0.303	0.309	0.081	0.086	0.325	0.331
	Right Cheek	0.031	0.138	0.275	0.003	0.022	0.001	0.039	0.174	0.212	0.311	0.349	0.193	0.231	0.330	0.368
	Right Tilt	0.016	0.031	0.342	0.003	0.005	0.001	0.027	0.051	0.077	0.363	0.388	0.053	0.079	0.365	0.390
Body-worn & Hotspot	Back	0.923	0.360	0.360	0.065	0.083	0.031	0.038	1.379	1.386	1.379	1.385	1.397	1.404	1.397	1.403
	Front	0.692	0.042	0.128	0.047	0.036	0.001	0.009	0.782	0.790	0.868	0.876	0.771	0.779	0.857	0.865
Hotspot	Edge Top			0.128		0.000		0.007	0.000	0.007	0.128	0.135	0.000	0.007	0.128	0.135
	Edge Right					0.099			0.000	0.000	0.000	0.000	0.099	0.099	0.099	0.099
	Edge Bottom	0.797	0.042		0.022		0.001		0.863	0.862	0.821	0.819	0.841	0.840	0.799	0.797
	Edge Left	0.596	0.326	0.279	0.064		0.025	0.029	1.010	1.015	0.964	0.968	0.946	0.951	0.900	0.904

12.33. 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)							∑ 1-g SAR (W/kg)							
		1	2	3	4	5	6	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	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
Head	Left Cheek	0.920	0.031	0.275	0.000	0.028	0.001	0.008	0.952	0.959	1.196	1.203	0.980	0.986	1.224	1.230
	Left Tilt	0.788	0.031	0.275	0.000	0.009	0.001	0.007	0.821	0.826	1.065	1.070	0.830	0.835	1.074	1.079
	Right Cheek	0.202	0.138	0.275	0.000	0.009	0.001	0.039	0.342	0.380	0.479	0.516	0.351	0.388	0.488	0.525
	Right Tilt	0.246	0.031	0.342	0.000	0.003	0.001	0.027	0.278	0.304	0.590	0.615	0.281	0.307	0.593	0.618
Body-worn & Hotspot	Back	0.932	0.360	0.360	0.002	0.035	0.031	0.038	1.325	1.332	1.325	1.331	1.358	1.365	1.358	1.364
	Front	0.249	0.042	0.128	0.000	0.014	0.001	0.009	0.293	0.301	0.379	0.387	0.307	0.315	0.392	0.400
Hotspot	Edge Top	0.173		0.128		0.004		0.007	0.173	0.180	0.302	0.308	0.177	0.184	0.305	0.312
	Edge Right	0.588				0.034			0.588	0.588	0.588	0.588	0.622	0.622	0.622	0.622
	Edge Bottom		0.042		0.000		0.001		0.044	0.042	0.001	0.000	0.044	0.042	0.001	0.000
	Edge Left		0.326	0.279	0.000		0.025	0.029	0.351	0.355	0.304	0.309	0.351	0.355	0.304	0.308

RF Exposure conditions	Test Position	Standalone SAR (W/kg)							∑ 1-g SAR (W/kg)							
		1	2	3	4	5	6	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	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
Head	Left Cheek	0.096	0.031	0.275	0.000	0.028	0.001	0.008	0.128	0.135	0.372	0.379	0.156	0.163	0.400	0.407
	Left Tilt	0.066	0.031	0.275	0.000	0.009	0.001	0.007	0.098	0.104	0.342	0.348	0.107	0.113	0.351	0.357
	Right Cheek	0.169	0.138	0.275	0.000	0.009	0.001	0.039	0.309	0.347	0.446	0.483	0.318	0.355	0.455	0.492
	Right Tilt	0.034	0.031	0.342	0.000	0.003	0.001	0.027	0.066	0.092	0.377	0.403	0.069	0.095	0.380	0.406
Body-worn & Hotspot	Back	0.559	0.360	0.360	0.002	0.035	0.031	0.038	0.952	0.959	0.952	0.958	0.985	0.992	0.985	0.991
	Front	0.282	0.042	0.128	0.000	0.014	0.001	0.009	0.326	0.334	0.412	0.420	0.339	0.347	0.425	0.433
Hotspot	Edge Top			0.128		0.004		0.007	0.000	0.007	0.128	0.135	0.004	0.010	0.132	0.139
	Edge Right	0.928				0.034			0.928	0.928	0.928	0.928	0.962	0.962	0.962	0.962
	Edge Bottom	0.158	0.042		0.000		0.001		0.202	0.200	0.159	0.158	0.202	0.200	0.159	0.158
	Edge Left		0.326	0.279	0.000		0.025	0.029	0.351	0.355	0.304	0.309	0.351	0.355	0.304	0.308

RF Exposure conditions	Test Position	Standalone SAR (W/kg)							∑ 1-g SAR (W/kg)							
		1	2	3	4	5	6	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	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
Head	Left Cheek	0.149	0.031	0.275	0.000	0.028	0.001	0.008	0.181	0.188	0.425	0.432	0.209	0.215	0.453	0.459
	Left Tilt	0.125	0.031	0.275	0.000	0.009	0.001	0.007	0.158	0.163	0.402	0.407	0.167	0.172	0.411	0.416
	Right Cheek	0.950	0.138	0.275	0.000	0.009	0.001	0.039	1.090	1.128	1.227	1.265	1.099	1.137	1.236	1.274
	Right Tilt	0.265	0.031	0.342	0.000	0.003	0.001	0.027	0.297	0.322	0.608	0.634	0.300	0.325	0.611	0.637
Body-worn & Hotspot	Back	0.494	0.360	0.360	0.002	0.035	0.031	0.038	0.887	0.894	0.887	0.893	0.920	0.927	0.920	0.926
	Front	0.340	0.042	0.128	0.000	0.014	0.001	0.009	0.383	0.391	0.469	0.477	0.397	0.405	0.483	0.491
Hotspot	Edge Top	0.166		0.128		0.004		0.007	0.166	0.172	0.294	0.301	0.169	0.176	0.298	0.304
	Edge Right					0.034			0.000	0.000	0.000	0.000	0.034	0.034	0.034	0.034
	Edge Bottom		0.042		0.000		0.001		0.044	0.042	0.001	0.000	0.044	0.042	0.001	0.000
	Edge Left	0.824	0.326	0.279	0.000		0.025	0.029	1.175	1.179	1.128	1.133	1.175	1.179	1.128	1.133

RF Exposure conditions	Test Position	Standalone SAR (W/kg)							∑ 1-g SAR (W/kg)							
		1	2	3	4	5	6	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	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
Head	Left Cheek	0.050	0.031	0.275	0.000	0.028	0.001	0.008	0.082	0.089	0.326	0.333	0.110	0.117	0.354	0.361
	Left Tilt	0.025	0.031	0.275	0.000	0.009	0.001	0.007	0.057	0.063	0.301	0.307	0.066	0.072	0.310	0.316
	Right Cheek	0.031	0.138	0.275	0.000	0.009	0.001	0.039	0.171	0.209	0.308	0.346	0.180	0.218	0.317	0.355
	Right Tilt	0.016	0.031	0.342	0.000	0.003	0.001	0.027	0.048	0.074	0.360	0.385	0.051	0.077	0.362	0.388
Body-worn & Hotspot	Back	0.923	0.360	0.360	0.002	0.035	0.031	0.038	1.316	1.323	1.316	1.322	1.349	1.356	1.348	1.355
	Front	0.692	0.042	0.128	0.000	0.014	0.001	0.009	0.736	0.744	0.822	0.829	0.749	0.757	0.835	0.843
Hotspot	Edge Top			0.128		0.004		0.007	0.000	0.007	0.128	0.135	0.004	0.010	0.132	0.139
	Edge Right					0.034			0.000	0.000	0.000	0.000	0.034	0.034	0.034	0.034
	Edge Bottom	0.797	0.042		0.000		0.001		0.841	0.840	0.799	0.797	0.841	0.840	0.799	0.797
	Edge Left	0.596	0.326	0.279	0.000		0.025	0.029	0.947	0.951	0.900	0.904	0.946	0.951	0.900	0.904

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