SAR EVALUATION REPORT

IEEE Std 1528-2013

For
SMARTPHONE

FCC ID: BCG-E8692A

Model Name: A3082

Report Number: 14982489-S1V3
Issue Date: 9/6/2024

Prepared for
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CERT #0751.05

Revision History

Rev.	Date	Revisions	Revised By
V1	8/2/2024	Initial Issue	--
V2	8/16/2024	Updated sections 6.2, 6.5, 9.7, 10.28, 10.36 and Appendix H	Devin Chang
V3	9/6/2024	Updated Section 6.2 UWB note	Coltyce Sanders

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1. Attestation of Test Results

Applicant Name		APPLE INC.							
FCC ID		BCG-E8692A							
Model Name		A3082							
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	6CD	DSS	DXX
Head		0.878	0.983	0.979	1.129	0.182	0.032	0.668	N/A
Body-worn (Dist.= 5 mm)		0.933	0.983	0.824	1.004	1.157	0.340	0.665	N/A
Hotspot (Dist.= 5 mm)		0.933	0.986	0.971	1.101	1.157	N/A	0.767	N/A
Extremities (Dist.= 0 mm)		1.788	N/A	N/A	N/A	N/A	0.101	N/A	0.010
Simultaneous TX	Head	1.240	1.345	1.352	1.352	1.352	1.352	1.292	N/A
	Body-worn	1.500	1.550	1.391	1.545	1.550	1.550	1.550	N/A
	Hotspot	1.500	1.550	1.440	1.545	1.550	1.550	1.550	N/A
	Extremities	1.899	N/A	N/A	N/A	N/A	1.899	N/A	1.899
Exposure Category		Radiofrequency (RF) Radiation Exposure (above 6GHz)							
		Uncontrol (mW/cm^2 over 4 cm^2) 30 min average				Occupational/controlled (mW/cm^2 over 4 cm^2) 6 min average			
General population / Uncontrolled exposure		1.0				5			
PD Result		0.700							
Date Tested		6/24/2024 to 8/1/2024							
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.

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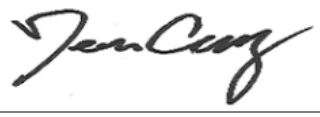
Approved & Released By:	Prepared By:
	
Devin Chang Senior Test Engineer UL Verification Services Inc.	AJ Newcomer Laboratory Engineer UL Verification Services Inc.

2. Test Specification, Methods and Procedures

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

SAR

- 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)
- **TCB workshop** April 2022; RF Exposure Procedures (Sum-Peak Location Separation Ratio)

PD

- 447498 D01 General RF Exposure Guidance v06
- 865664 D02 RF Exposure Reporting v01r02
- 388624 D02 Pre-Approval Guidance List v18r05
- 248227 D01 802.11 Wi-Fi SAR v02r02
- SPEAG DASY8 System Handbook; part 4 DASY8 Module mmWave
- SPEAG DASY8 Application Note: SAR, APD & PD at 6 – 10 GHz (Version 5), April 2022
- IEC/IEEE 63195-1:2022 Assessment of power density of human exposure to radio frequency fields from wireless devices in close proximity to the head and body (frequency range of 6 GHz to 300 GHz) - Part 1: Measurement procedure
- TCB workshop November 2017; RF Exposure Procedures (Power Density Evaluation)
- TCB workshop October 2018; RF Exposure Procedures (Millimeter Wave Assessment)
- TCB workshop April 2019; RF Exposure Procedures (Millimeter Wave RF Exposure Evaluation)
- TCB workshop November 2019; RF Exposure Procedures (Millimeter Wave Scan Requirements)
- TCB workshop October 2020; RF Exposure Procedures (U NII 6-7 GHz RF Exposure)
- TCB workshop October 2022; RF Exposure Policies and Procedures (f-above-6 GHz Portable Devices)

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

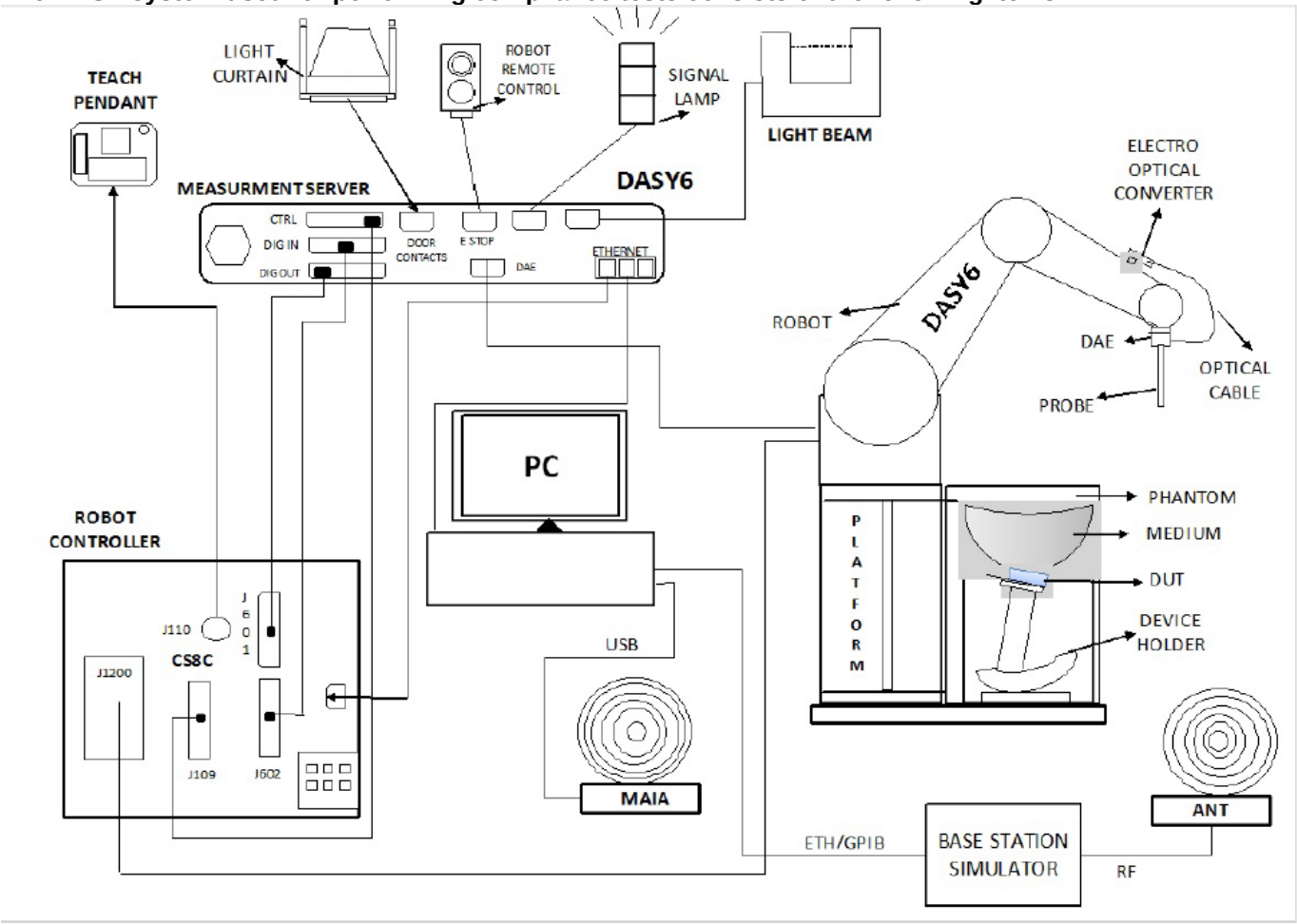
The Test Lab Conformity Assessment Body Identifier (CABID)

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

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. PD Measurement Procedures

4.3.1. System Verification Scan Procedures

DASY8 Module mmWave supports “5G Scan”, a fine resolution scan performed on two different planes which is used to reconstruct the E- and H-fields as well as the power density; the average power density is derived from this measurement.

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 devise under test.

Step 2: 5G Scan

The steps in the X, Y, and Z directions are specified in terms of fractions of the signal wavelength, lambda. Area Scan Parameters extracted from SPEAG DASY8 System Handbook; part 4 DASY8 Module mmWave.

Recommended settings for measurement of verification sources

Frequency [GHz]	Grid step	Grid extent X/Y [mm]	Measurement points
10	$0.125\left(\frac{\lambda}{8}\right)$	60/60	18×18
30	$0.25\left(\frac{\lambda}{4}\right)$	60/60	26×26
45	$0.25\left(\frac{\lambda}{4}\right)$	42/42	28×28
60	$0.25\left(\frac{\lambda}{4}\right)$	32.5/32.5	28×28
90	$0.25\left(\frac{\lambda}{4}\right)$	30/30	38×38

The minimum distance of probe sensors to the verification source surface, horn antenna, is 10 mm for 10 GHz and 5.55mm for 30 GHz and above.

Step 3: 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.

When the drift is larger than ± 5 %, test is repeated from step1.

4.3.2. Scan Procedures

Step 1: Power Reference Measurement

Same as System Verification Scan Procedures step 1.

Step 2: 5G Scan

Same as System Verification Scan Procedures step 2. But measurement area is defined based on TCB work shop April 2019, “A sufficiently large measurement region and proper measurement spatial resolution are required to maintain field reconstruction accuracy”.

–Fields at the measurement region boundary should be ~20-30 dB below the peaks

Step 3: Power drift measurement

Same as System Verification Scan Procedures step 3.

When the drift is smaller than ± 5 %, it is considered in the uncertainty budget if drifts larger than 5%, uncertainty is re-calculated.

4.4. 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.

SAR

Dielectric Property Measurements

Name of Equipment	Manufacturer	Type/Model	Serial No.	Cal. Due Date
Vector Network Analyzer	ROHDE & SCHWARZ	ZNLE6	101274-mn	2/28/2025
Vector Network Analyzer	ROHDE & SCHWARZ	ZNLE6	101273-va	2/28/2025
Vector Network Analyzer	Copper Mountain Tech	R140N	21130078	2/28/2025
Dielectric Probe kit	SPEAG	DAK-3.5	1087	11/1/2024
Dielectric Probe kit	SPEAG	DAK-3.5	1082	4/15/2025
Dielectric Probe kit	SPEAG	DAK-3.5	1103	2/12/2025
Dielectric Probe kit	SPEAG	DAK-12	1128	1/16/2025
Shorting Block	SPEAG	DAK-1.2/3.5 Short	SM DAK 200 DA	11/1/2024
Shorting Block	SPEAG	DAK-12 Short	SM DAK 220 AC	1/16/2025
Thermometer	Fisher Scientific	Traceable	122529162	1/31/2025

System Check

Name of Equipment	Manufacturer	Type/Model	Serial No.	Cal. Due Date
MXG Analog Signal Generator	Agilent	N5181A	MY50140610	1/31/2025
Power Meter	Keysight	N1911A	MY55196014	1/31/2025
Power Sensor	Agilent	N1921A	MY52270022	1/31/2025
Power Sensor	Agilent	N1921A	MY552260009	1/31/2025
Bi-directional coupler	Werlatone	C8060-102	4062	N/A
DC Power Supply	Sorensen	XT 15-4	1802A01877	N/A
Signal Genarator	R&S	SMB 100A	180969-yC	2/21/2025
Power Meter	Keysight	N1912A	MY55196008	1/31/2025
Power Sensor	Agilent	N1912A	MY53260001	1/31/2025
Power Sensor	Agilent	N1912A	MY52200012	1/31/2025
Bi-directional coupler	Mini-Circuits	ZUDC10-183+	1722	N/A
Signal Genarator	R&S	SMB 100A	180968-gX	2/16/2025
Power Sensor	R&S	NRP18A	100995-hs	2/28/2025
Power Meter	Keysight	N1912A	MY50001018	2/28/2025
Power Sensor	Agilent	N1912A	MY53260010	2/28/2025
Bi-directional coupler	Werlatone	C8060-102	2149	N/A
Signal Genarator	R&S	SMB 100A	180970-zC	2/28/2025
Power Sensor	R&S	NRP18A	100992-iu	2/28/2025
Power Meter	HP	437B	3125U12345	1/31/2025
Power Sensor	HP	8481A	2237A31744	1/31/2025
Bi-directional coupler	Werlatone	C8060-102	2710	N/A
MXG Analog Signal Generator	Agilent	N5181A	MY50140630	1/31/2025
Power Meter	Agilent	N1913A	MY53100006	1/31/2025
Power Meter	HP	437B	3125U11364	1/31/2025
Power Sensor	HP	8481A	3318A92374	1/31/2025
Power Sensor	HP	8487A	3318A03287	1/31/2025
Bi-directional coupler	Werlatone	C8060-102	4063	N/A

Lab Equipment

Name of Equipment	Manufacturer	Type/Model	Serial No.	Cal. Due Date
E-Field Probe (SAR Lab A)	SPEAG	EX3DV4	3686	1/12/2025
E-Field Probe (SAR Lab B)	SPEAG	EX3DV4	3885	10/12/2024
E-Field Probe (SAR Lab E)	SPEAG	EX3DV4	7356	3/14/2025
E-Field Probe (SAR Lab F)	SPEAG	EX3DV4	3990	2/28/2025
E-Field Probe (SAR Lab G)	SPEAG	EX3DV4	3991	10/12/2024
E-Field Probe (SAR Lab H)	SPEAG	EX3DV4	3929	3/14/2025
E-Field Probe (SAR Lab I)	SPEAG	EX3DV4	7335	1/9/2025
E-Field Probe (SAR Lab 1)	SPEAG	EX3DV4	3772	2/7/2025
E-Field Probe (SAR Lab 2)	SPEAG	EX3DV4	7498	3/12/2025
E-Field Probe (SAR Lab 4)	SPEAG	EX3DV4	7820	5/10/2025
E-Field Probe (SAR Lab 5)	SPEAG	EX3DV4	3773	2/7/2025
E-Field Probe (SAR Lab 5)	SPEAG	EX3DV4	7779	5/10/2025
E-Field Probe (SAR Lab 6)	SPEAG	EX3DV4	7587	4/15/2025
E-Field Probe (SAR Lab 7)	SPEAG	EX3DV4	7501	3/14/2025
E-Field Probe (SAR Lab 8)	SPEAG	EX3DV4	7810	5/8/2025
E-Field Probe (SAR Lab 9)	SPEAG	EX3DV4	3902	3/12/2025
E-Field Probe (SAR Lab 10)	SPEAG	EX3DV4	7463	4/15/2025
E-Field Probe (SAR Lab 12)	SPEAG	EX3DV4	3989	1/9/2025
E-Field Probe (SAR Lab 13)	SPEAG	EX3DV4	7569	4/15/2025
E-Field Probe (SAR Lab 14)	SPEAG	EX3DV4	7589	4/15/2025
E-Field Probe (SAR Lab 15)	SPEAG	EX3DV4	7482	4/15/2025
E-Field Probe (SAR Lab 16)	SPEAG	EX3DV4	7850	10/27/2024
E-Field Probe (SAR Lab 16)	SPEAG	EX3DV4	3929	3/14/2025
E-Field Probe (SAR Lab 17)	SPEAG	EX3DV4	7448	2/7/2025
E-Field Probe (SAR Lab 18)	SPEAG	EX3DV4	7709	11/30/2024
E-Field Probe (SAR Lab 19)	SPEAG	EX3DV4	3749	1/11/2025
Data Acquisition Electronics (SAR Lab A)	SPEAG	DAE4	1547	4/10/2025
Data Acquisition Electronics (SAR Lab B)	SPEAG	DAE4	1359	1/16/2025
Data Acquisition Electronics (SAR Lab E)	SPEAG	DAE4	1259	9/6/2024
Data Acquisition Electronics (SAR Lab F)	SPEAG	DAE4	1540	1/17/2025
Data Acquisition Electronics (SAR Lab G)	SPEAG	DAE4	1380	2/9/2025
Data Acquisition Electronics (SAR Lab H)	SPEAG	DAE4	1546	3/11/2025
Data Acquisition Electronics (SAR Lab I)	SPEAG	DAE4ip	1619	4/11/2025
Data Acquisition Electronics (SAR Lab 1)	SPEAG	DAE4	1258	3/12/2025
Data Acquisition Electronics (SAR Lab 2)	SPEAG	DAE4	1796	5/2/2025
Data Acquisition Electronics (SAR Lab 4)	SPEAG	DAE4	1544	1/16/2025
Data Acquisition Electronics (SAR Lab 5)	SPEAG	DAE4	1545	2/9/2025
Data Acquisition Electronics (SAR Lab 5)	SPEAG	DAE4	1439	4/24/2025
Data Acquisition Electronics (SAR Lab 6)	SPEAG	DAE4	1797	5/2/2025
Data Acquisition Electronics (SAR Lab 7)	SPEAG	DAE4	1357	1/9/2025
Data Acquisition Electronics (SAR Lab 8)	SPEAG	DAE4	1787	5/2/2025
Data Acquisition Electronics (SAR Lab 9)	SPEAG	DAE4	1799	4/4/2025
Data Acquisition Electronics (SAR Lab 10)	SPEAG	DAE4	1548	2/8/2025
Data Acquisition Electronics (SAR Lab 12)	SPEAG	DAE4	1433	2/8/2025
Data Acquisition Electronics (SAR Lab 13)	SPEAG	DAE4	1545	2/9/2025

Data Acquisition Electronics (SAR Lab 14)*	SPEAG	DAE4	1434	6/13/2024
Data Acquisition Electronics (SAR Lab 14)	SPEAG	DAE4	1798	5/22/2025
Data Acquisition Electronics (SAR Lab 15)	SPEAG	DAE4	1239	3/6/2025
Data Acquisition Electronics (SAR Lab 16)	SPEAG	DAE4	1673	5/13/2025
Data Acquisition Electronics (SAR Lab 17)	SPEAG	DAE4	1784	5/2/2025
Data Acquisition Electronics (SAR Lab 18)	SPEAG	DAE4	1714	11/22/2024
Data Acquisition Electronics (SAR Lab 19)	SPEAG	DAE4	1674	5/13/2025
Thermometer	TRACEABLE	6530CC	181175331	1/31/2025
Thermometer	TRACEABLE	6530CC	181073773	1/31/2025
Thermometer	TRACEABLE	6530CC	181062309	1/31/2025
Thermometer	TRACEABLE	6530CC	160643192	1/31/2025
System Validation Dipole**	SPEAG	D750V3	1019	4/13/2025
System Validation Dipole	SPEAG	D750V3	1071	11/7/2024
System Validation Dipole	SPEAG	D835V2	4d117	5/11/2025
System Validation Dipole**	SPEAG	D1640V2	324	6/13/2025
System Validation Dipole	SPEAG	D1750V2	1050	4/19/2025
System Validation Dipole	SPEAG	D1750V2	1053	10/13/2024
System Validation Dipole	SPEAG	D1750V2	1077	10/13/2024
System Validation Dipole**	SPEAG	D1900V2	5d140	4/14/2025
System Validation Dipole**	SPEAG	D2300V2	1002	4/11/2025
System Validation Dipole	SPEAG	D2300V2	1058	10/13/2024
System Validation Dipole**	SPEAG	D2450V2	706	1/20/2025
System Validation Dipole*	SPEAG	D2450V2	748	2/8/2025
System Validation Dipole	SPEAG	D2600V2	1006	10/13/2024
System Validation Dipole	SPEAG	D2600V2	1036	4/11/2025
System Validation Dipole**	SPEAG	D3500V2	1060	2/7/2025
System Validation Dipole**	SPEAG	D3700V2	1110	11/20/2024
System Validation Dipole	SPEAG	D3900V2	1102	10/24/2024
System Validation Dipole	SPEAG	D5GHzV2	1168	11/15/2024
System Validation Dipole**	SPEAG	D5GHzV2	1003	2/22/2025
System Validation Dipole**	SPEAG	D5GHzV2	1138	2/3/2025
System Validation Dipole**	SPEAG	D6.5GHzV2	1032	1/12/2025
System Validation Dipole**	SPEAG	D6.5GHzV2	1033	3/15/2025
System Validation Dipole**	SPEAG	CLA13	1008	1/12/2025
5G Verification Source	SPEAG	10 GHz	1015	9/5/2024

Note(s):

*Equipment not used past calibration due date.

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

Other

Name of Equipment	Manufacturer	Type/Model	Serial No.	Cal. Due Date
Power Meter	Keysight	N1911A	MY55196015	1/31/2025
Power Sensor	Agilent	N1921A	MY52270022	1/31/2025
Power Meter	Keysight	N1911A	MY55196009	1/31/2025
Power Sensor	Agilent	N1921A	MY552260009	1/31/2025
Power Meter	Keysight	N1921A	MY55196007	1/31/2025
Power Sensor	Agilent	N1921A	MY53020038	1/31/2025
Power Meter	Keysight	N1911A	MY55196009	1/31/2025
Power Meter	Keysight	N1911A	MY55196009	2/28/2025
Power Sensor	Keysight	N1921A	MY55200004	1/31/2025
Wideband Radio Communication Tester	R&S	CMW500	134853-ud	2/28/2025
Wideband Radio Communication Tester	R&S	CMW500	164541-Ci	2/28/2025
Wideband Radio Communication Tester	R&S	CMW500	171875-WG	2/28/2025
Wideband Radio Communication Tester	R&S	CMW500	18172-XJ	2/28/2025
Spectrum Analyzer	Agilent	E4446A	MY45300064	2/28/2025

Note(s):

*Equipment not used past calibration due date.

PD

System Check

Name of Equipment	Manufacturer	Type/Model	Serial No.	Cal. Due Date
Signal Genarator	R&S	SMB 100A	180969-yC	2/21/2025
Pow er Meter	Keysight	N1912A	MY55196008	1/31/2025
Pow er Sensor	Agilent	N1912A	MY53260001	1/31/2025
Pow er Sensor	Agilent	N1912A	MY52200012	1/31/2025
Bi-directional coupler	Mini-Circuits	ZUDC10-183+	1722	N/A

Lab Equipment

Name of Equipment	Manufacturer	Type/Model	Serial No.	Cal. Due Date
E-Field Probe (SAR Lab C)	SPEAG	EummWV4	9589	9/5/2024
E-Field Probe (SAR Lab D)	SPEAG	EummWV4	9619	3/8/2025
Data Acquisition Electronics (SAR Lab C)	SPEAG	DAE4	1621	4/12/2025
Data Acquisition Electronics (SAR Lab D)	SPEAG	DAE4	1472	1/16/2025
Thermometer	TRACEABLE	6530CC	181163673	1/31/2025
Thermometer	TRACEABLE	6530CC	181062308	12/31/2024
5G Verification Source	SPEAG	10 GHz	1015	9/5/2024

Other

Name of Equipment	Manufacturer	Type/Model	Serial No.	Cal. Due Date
Pow er Meter	Keysight	N1911A	MY55196015	1/31/2025
Pow er Sensor	Agilent	N1921A	MY52270022	1/31/2025
Pow er Meter	Keysight	N1911A	MY55196009	1/31/2025
Pow er Sensor	Agilent	N1921A	MY552260009	1/31/2025

5. Measurement Uncertainty

SAR

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.

PD

a		b	c	d f(d,k)	e	f = b×*e/d*	g
Error Description		Unc.Value (±dB)	Probab. Distri.	Div.	*ci*	Std. Unc. (±dB)	vi
Uncertainty terms dependent on the measurement system							
CAL	Calibration Repeatability	0.49	Normal	1	1	0.49	∞
COR	Probe correction	0	Rectangular	1.732	1	0.00	∞
FRS	Frequency response (BW 1 GHz)	0.20	Rectangular	1.732	1	0.12	∞
SCC	Sensor cross coupling	0	Rectangular	1.732	1	0.00	∞
ISO	Isotropy	0.50	Rectangular	1.732	1	0.29	∞
LIN	Linearity	0.20	Rectangular	1.732	1	0.12	∞
PSC	Probe scattering	0	Rectangular	1.732	1	0.00	∞
PPO	Probe positioning o set	0.30	Rectangular	1.732	1	0.17	∞
PPR	Probe positioning repeatability	0.04	Rectangular	1.732	1	0.02	∞
SMO	Sensor mechanical o set	0	Rectangular	1.732	1	0.00	∞
PSR	Probe spatial resolution	0	Rectangular	1.732	1	0.00	∞
FLD	Field impedance dependance	0	Rectangular	1.732	1	0.00	∞
APD	Amplitude and phase drift	0	Rectangular	1.732	1	0.00	∞
APN	Amplitude and phase noise	0.04	Rectangular	1.732	1	0.02	∞
TR	Measurement area truncation	0	Rectangular	1.732	1	0.00	∞
DAQ	Data acquisition	0.03	Normal	1	1	0.03	∞
SMP	Sampling	0	Rectangular	1.732	1	0.00	∞
REC	Field reconstruction	0.60	Rectangular	1.732	1	0.35	∞
TRA	Forw ard transformation	0	Rectangular	1.732	1	0.00	∞
SCA	Pow er density scaling	-	Rectangular	1.732	1	-	∞
SAV	Spatial averaging	0.10	Rectangular	1.732	1	0.06	∞
SDL	System detection limit	0.04	Rectangular	1.732	1	0.02	∞
Uncertainty terms dependent on the DUT and environmental factors							
PC	Probe coupling w ith DUT	0	Rectangular	1.732	1	0	∞
MOD	Modulation response	0.40	Rectangular	1.732	1	0.23	∞
IT	Integration time	0	Rectangular	1.732	1	0	∞
RT	Response time	0	Rectangular	1.732	1	0	∞
DH	Device holder influence	0.10	Rectangular	1.732	1	0.06	∞
DAQ	DUT alignment	0	Rectangular	1.732	1	0	∞
AC	RF ambient conditions	0.04	Rectangular	1.732	1	0.02	∞
AR	Ambient reflections	0.04	Rectangular	1.732	1	0.02	∞
MSI	Immunity / secondary reception	0	Rectangular	1.732	1	0	∞
DRI	Drift of the DUT	0.21	Rectangular	1.732	1	0.12	∞
Combined Standard Uncertainty Uc(f) =			RSS			0.76	∞
Expanded Uncertainty U, Coverage Factor = 2, > 95 % Confidence =						1.52	

6. Device Under Test (DUT) Information

6.1. DUT Description

The Apple iPhone is a smartphone with cellular GSM, GPRS, EGPRS, WCDMA, LTE, 5GNR1, 5GNR2, IEEE 802.11a/b/g/n/ac/ax/be, Bluetooth (BT), Ultra-Wideband (UWB), Global Positioning System (GPS), Near-Field Communication (NFC), Narrow-Band (NB) UNII, 802.15.4, 802.15.4ab-Narrow Band (NB), Wireless Power Transfer (WPT) and Mobile Satellite Service (MSS) technologies. The rechargeable battery is not user accessible. This device is not user-serviceable and requires special tools to disassemble.

All Models have the same PCB layout, circuit design, common components, antennas, and antenna locations across their respective reference model. The 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.

BCM4399 has 2 vendors. All 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 two 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) ☒ Airplay (Wi-Fi 6 GHz VLP only)
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	
GSM	850 1900	Voice (GMSK) GPRS (GMSK) EDGE (8PSK)	GSM Class : B Multi-Slot Class: Class 10 - 2 Up, 4 Down
		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)	
LTE	**FDD Bands** 2/4/5/7/12/13/14/17/25/26/29(DL)/30/66/71 **TDD Bands** 41[2]/48/53 **Carrier Aggregation** FDD Bands 5B/7C TDD Bands 41C [2]/48C	QPSK 16QAM 64QAM 256QAM Carrier Aggregation (2 Uplinks and 5 Downlinks)	
5G NR (FR1)	**FDD Bands** n2/n5/n7/n12/n14/n25/n26/n29 (DL)/n30/n66/n70/n71 **TDD Bands** n41[2]/n48/n53/n77[2]	DFT-s-OFDM: Pi/2 BPSK, QPSK, 16QAM, 64QAM, 256QAM CP-OFDM: QPSK, 16QAM, 64QAM, 256QAM	
5G NR (FR2)	**TDD Bands** n258/n260/n261		
Wi-Fi [1]	2.4 GHz	802.11b/g/n/ax/be (20 MHz BW)	
	5 GHz UNII-1/2A/2C/3	802.11a/n/ac/ax/be (20/40/80/160 MHz BW)	
		Does this device support Bands 5.60 ~ 5.65 GHz? ☒ Yes ☐ No	
		Does this device support Band gap channel(s)? ☒ Yes ☐ No	
	6 GHz SP: UNII-5/7 LPI: UNII-5/6/7/8 VLP: UNII-5/7	802.11a/ax/be (20/40/80/160 MHz BW)	
Bluetooth [1]	2.4 GHz	BR, EDR, LE, and HDR	
NB UNII	UNII-1/3	GFSK, π/4 DQPSK	
802.15.4	2405 – 2475 MHz	O-QPSK	
802.15.4ab-NB	5728.75 – 5846.25 MHz	O-QPSK	
MSS	1.6 GHz	1PRB LTE SC-FDMA, BPSK	
NFC	13.56 MHz	Type A/B/F and ISO15693	
UWB [4]	6.5 GHz and 8 GHz	BPM-BPSK	
WPT	360 kHz	AM, FSK	

Notes:

1. Duty cycle for Wi-Fi is referenced from the DTS and U-NII reports. Refer to Section 10 for Duty Cycle values used for testing.
2. This device supports Power Class 2 (PC2) for LTE B41 and 5G NR n41, n77.
3. LTE Uplink 2CA is the total combined power of the UL CA.
4. UWB is categorically excluded because the maximum conducted output power (0.2mW) is less than 1mW.

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 [1]	5 MHz [1]	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. SAR testing/analysis was performed with the configuration with highest duty cycle for the following power classes: configuration 0 at 63.3% for Power Class 3 and configuration 1 at 43.3% for Power Class 2.

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	500700 /2503.5	500196 /2500.98	
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	509646 /2548.23	509400 /2547	
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	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	527550 /2637.75	527796 /2638.98	
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	536496 /2682.48	536994 /2684.97	

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							638000 /3570	637332 /3564.99		637332 /3559.98	637166 /3557.49	637000 /3555	
Low -Mid	30							640444 /3606.66	640332 /3604.98		640222 /3603.33	640166 /3602.49	640110 /3601.65	
Mid	30							642888 /3643.32	642998 /3644.97		643110 /3646.65	643166 /3647.49	643220 /3648.3	
High	30							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	344500 /1722.5	344000 /1720	343500 /1717.5	343000 /1715	342500 /1712.5
Mid	15							349000 /1745	349000 /1745	349000 /1745	349000 /1745	349000 /1745	349000 /1745	349000 /1745
High	15							352000 /1760	353000 /1765	353500 /1767.5	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 5/12/14/48/66
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 2/5/7/12/13/14/25/30/41/66/71

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.
4. Manufacturer/OEM declares operating duty cycle to be 100% and 50% for 5G NR (FR1) TDD Power Class 3 and Power Class 2 respectively.

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 14982489-S5 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 B2/4/7/25/30/41/66 5G(FR1) n2/n7/n25/n30/n41/n66/n70 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/6GHz 802.15.4ab-NB NB UNII	Yes	Yes	No	No	Yes	Yes
ANT6	Wi-Fi 5GHz/6GHz 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. SAR Dielectric Property Measurements and System Checks

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

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.

Liquid Check											System Check											
SAR Lab	Date	Tissue Type	Band (MHz)	Freq. (MHz)	Relative Permittivity (εr)			Conductivity (σ)			Date	Dipole Type & Serial Number	Dipole Cal. Due Date	Input Power (dBm)	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Measured	Target	Delta	Measured	Target	Delta					Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	
				2300	41.95	39.47	6.28%	1.56	1.66	-6.24%													
SAR A	6/29/2024	Head	2300	2350	41.83	39.38	6.21%	1.60	1.71	-6.60%	6/29/2024	D2300V2 SN: 1058	10/13/2024	20.0	4.790	47.900	48.500	-1.24%	2.350	23.500	23.600	-0.42%	
				2400	41.76	39.30	6.27%	1.63	1.75	-6.94%													
				2300	40.65	39.47	2.98%	1.59	1.66	-4.67%													
SAR A	7/3/2024	Head	2300	2350	40.58	39.38	3.04%	1.63	1.71	-4.84%	7/3/2024	D2300V2 SN: 1058	10/13/2024	20.0	4.740	47.400	48.500	-2.27%	2.320	23.200	23.600	-1.69%	
				2400	40.50	39.30	3.06%	1.66	1.75	-5.23%													
				2600	41.10	39.01	5.36%	1.85	1.96	-5.56%													
SAR A	7/5/2024	Head	2600	2495	41.31	39.14	5.54%	1.77	1.85	-4.25%	7/5/2024	D2600V2 SN: 1036	4/11/2025	20.0	5.260	52.600	55.400	-5.05%	2.430	24.300	24.900	-2.41%	1
				2690	40.96	38.90	5.30%	1.92	2.06	-6.63%													
				2300	40.61	39.47	2.88%	1.60	1.66	-4.07%													
SAR A	7/8/2024	Head	2300	2350	40.55	39.38	2.96%	1.64	1.71	-4.08%	7/8/2024	D2300V2 SN: 1058	10/13/2024	20.0	5.010	50.100	48.500	3.30%	2.470	24.700	23.600	4.66%	
				2400	40.47	39.30	2.99%	1.68	1.75	-4.26%													
				2600	40.08	39.01	2.74%	1.84	1.96	-6.23%													
SAR A	7/8/2024	Head	2600	2495	40.29	39.14	2.93%	1.76	1.85	-5.07%	7/8/2024	D2600V2 SN: 1036	4/11/2025	20.0	5.580	55.800	55.400	0.72%	2.590	25.900	24.900	4.02%	
				2690	39.94	38.90	2.68%	1.91	2.06	-7.31%													
				2300	40.07	39.47	1.51%	1.61	1.66	-3.29%													
SAR A	7/12/2024	Head	2300	2350	40.00	39.38	1.56%	1.65	1.71	-3.67%	7/12/2024	D2300V2 SN: 1058	10/13/2024	20.0	4.810	48.100	48.500	-0.82%	2.350	23.500	23.600	-0.42%	
				2400	39.94	39.30	1.64%	1.68	1.75	-4.20%													
				2600	39.65	39.01	1.64%	1.84	1.96	-6.02%													
SAR A	7/12/2024	Head	2600	2495	39.83	39.14	1.75%	1.75	1.85	-5.12%	7/12/2024	D2600V2 SN: 1006	10/13/2024	20.0	5.050	50.500	56.100	-9.98%	2.330	23.300	25.400	-8.27%	2
				2690	39.49	38.90	1.52%	1.92	2.06	-6.77%													
				2300	41.85	39.47	6.02%	1.58	1.66	-5.15%													
SAR A	7/16/2024	Head	2300	2350	41.78	39.38	6.08%	1.62	1.71	-5.19%	7/16/2024	D2300V2 SN: 1002	4/11/2025	20.0	4.600	46.000	48.700	-5.54%	2.270	22.700	23.800	-4.62%	3
				2400	41.70	39.30	6.12%	1.66	1.75	-5.46%													
				2600	40.70	39.01	4.33%	1.84	1.96	-6.33%													
SAR A	7/16/2024	Head	2600	2495	40.87	39.14	4.41%	1.75	1.85	-5.55%	7/16/2024	D2600V2 SN: 1036	4/11/2025	20.0	5.480	54.800	55.400	-1.08%	2.520	25.200	24.900	1.20%	
				2690	40.51	38.90	4.15%	1.92	2.06	-6.87%													
				2300	41.42	39.47	4.93%	1.57	1.66	-5.51%													
SAR A	7/20/2024	Head	2300	2350	41.36	39.38	5.02%	1.61	1.71	-5.66%	7/20/2024	D2300V2 SN: 1058	10/13/2024	20.0	4.920	49.200	48.500	1.44%	2.390	23.900	23.600	1.27%	
				2400	41.29	39.30	5.07%	1.65	1.75	-5.97%													
				2600	40.30	39.01	3.30%	1.86	1.96	-5.16%													
SAR A	7/23/2024	Head	2600	2495	40.48	39.14	3.42%	1.77	1.85	-4.15%	7/23/2024	D2600V2 SN: 1036	4/11/2025	20.0	5.560	55.600	55.400	0.36%	2.590	25.900	24.900	4.02%	
				2690	40.16	38.90	3.25%	1.93	2.06	-6.09%													
				2300	39.10	39.47	-0.94%	1.58	1.66	-5.33%													
SAR A	7/24/2024	Head	2300	2350	39.02	39.38	-0.93%	1.61	1.71	-5.72%	7/24/2024	D2300V2 SN: 1058	10/13/2024	20.0	5.020	50.200	48.500	3.51%	2.490	24.900	23.600	5.51%	4
				2400	38.95	39.30	-0.88%	1.64	1.75	-6.20%													

Liquid Check											System Check											
SAR Lab	Date	Tissue Type	Band (MHz)	Freq. (MHz)	Relative Permittivity (εr)			Conductivity (σ)			Date	Dipole Type & Serial Number	Dipole Cal. Due Date	Input Power (dBm)	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Measured	Target	Delta	Measured	Target	Delta					Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	
				2300	41.92	39.47	6.20%	1.70	1.66	2.24%													
SAR B	6/26/2024	Head	2300	2350	41.86	39.38	6.29%	1.74	1.71	1.95%	6/26/2024	D2300V2 SN: 1058	10/13/2024	20.0	4.840	48.400	48.500	-0.21%	2.310	23.100	23.600	-2.12%	
				2400	41.77	39.30	6.29%	1.78	1.75	1.45%													
				2600	41.45	39.01	6.25%	1.94	1.96	-0.98%													
SAR B	6/26/2024	Head	2600	2495	41.65	39.14	6.40%	1.85	1.85	0.24%	6/26/2024	D2600V2 SN: 1006	10/13/2024	20.0	5.120	51.200	56.100	-8.73%	2.300	23.000	25.400	-9.45%	
				2690	41.32	38.90	6.23%	2.01	2.06	-2.21%													
				2300	40.62	39.47	2.91%	1.66	1.66	-0.53%													
SAR B	6/30/2024	Head	2300	2350	40.55	39.38	2.96%	1.69	1.71	-0.80%	6/30/2024	D2300V2 SN: 1058	10/13/2024	20.0	4.800	48.000	48.500	-1.03%	2.290	22.900	23.600	-2.97%	5
				2400	40.47	39.30	2.99%	1.73	1.75	-1.18%													
				2600	40.52	39.01	3.87%	1.94	1.96	-1.08%													
SAR B	7/1/2024	Head	2600	2495	40.67	39.14	3.90%	1.85	1.85	0.13%	7/1/2024	D2600V2 SN: 1036	4/11/2025	15.0	1.830	57.870	55.400	4.46%	0.823	26.026	24.900	4.52%	6
				2690	40.40	38.90	3.86%	2.02	2.06	-2.06%													
				2300	39.45	39.47	-0.06%	1.65	1.66	-0.83%													
SAR B	7/4/2024	Head	2300	2350	39.36	39.38	-0.06%	1.69	1.71	-1.09%	7/4/2024	D2300V2 SN: 1058	10/13/2024	20.0	4.860	48.600	48.500	0.21%	2.330	23.300	23.600	-1.27%	
				2400	39.28	39.30	-0.04%	1.73	1.75	-1.52%													
				2600	38.96	39.01	-0.13%	1.89	1.96	-3.88%													
SAR B	7/4/2024	Head	2600	2495	39.13	39.14	-0.03%	1.80	1.85	-2.74%	7/4/2024	D2600V2 SN: 1006	10/13/2024	20.0	5.100	51.000	56.100	-9.09%	2.290	22.900	25.400	-9.84%	7
				2690	38.81	38.90	-0.22%	1.96	2.06	-4.98%													

Liquid Check											System Check											
SAR Lab	Date	Tissue Type	Band (MHz)	Freq. (MHz)	Relative Permittivity (cr)			Conductivity (σ)			Date	Dipole Type & Serial Number	Dipole Cal. Due Date	Input Power (dBm)	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Measured	Target	Delta	Measured	Target	Delta					Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	
				3500	37.36	37.93	-1.50%	2.96	2.91	1.80%													
SAR E	6/26/2024	Head	3500	3400	37.49	38.04	-1.46%	2.81	2.81	0.03%	6/26/2024	D3500V2 SN: 1060	2/7/2025	14.5	1.840	65.286	65.700	-0.63%	0.686	24.340	24.900	-2.25%	
				3700	37.08	37.70	-1.65%	3.11	3.12	-0.14%													
				3900	36.85	37.47	-1.66%	3.27	3.32	-1.62%													
SAR E	6/26/2024	Head	3900	3800	36.97	37.59	-1.64%	3.19	3.22	-0.98%	6/26/2024	D3900V2 SN: 1102	10/24/2024	14.4	1.760	63.902	69.300	-7.79%	0.612	22.220	24.100	-7.80%	
				4000	36.74	37.36	-1.66%	3.27	3.42	-4.56%													
				3500	35.73	37.93	-5.80%	3.00	2.91	3.04%													
SAR E	6/29/2024	Head	3500	3400	35.88	38.04	-5.69%	2.93	2.81	4.30%	6/29/2024	D3500V2 SN: 1060	2/7/2025	20.0	6.370	63.700	65.700	-3.04%	2.380	23.800	24.900	-4.42%	
				3700	35.45	37.70	-5.97%	3.14	3.12	0.76%													
				3900	35.18	37.47	-6.12%	3.29	3.32	-0.93%													
SAR E	6/29/2024	Head	3900	3800	35.30	37.59	-6.09%	3.21	3.22	-0.27%	6/29/2024	D3900V2 SN: 1102	10/24/2024	20.0	6.260	62.600	69.300	-9.67%	2.170	21.700	24.100	-9.96%	8
				4000	35.07	37.36	-6.13%	3.37	3.42	-1.55%													
				3500	36.23	37.93	-4.48%	3.00	2.91	2.97%													
SAR E	7/3/2024	Head	3500	3400	36.38	38.04	-4.37%	2.92	2.81	4.05%	7/3/2024	D3500V2 SN: 1060	2/7/2025	15.0	2.110	66.724	65.700	1.56%	0.786	24.856	24.900	-0.18%	
				3700	35.96	37.70	-4.62%	3.16	3.12	1.37%													
				3900	35.69	37.47	-4.76%	3.33	3.32	0.12%													
SAR E	7/3/2024	Head	3900	3800	35.83	37.59	-4.68%	3.24	3.22	0.67%	7/3/2024	D3900V2 SN: 1102	10/24/2024	15.0	2.130	67.357	69.300	-2.80%	0.742	23.464	24.100	-2.64%	
				4000	35.56	37.36	-4.82%	3.41	3.42	-0.36%													
				3500	35.89	37.93	-5.38%	2.97	2.91	1.83%													
SAR E	7/8/2024	Head	3500	3400	36.02	38.04	-5.32%	2.90	2.81	3.05%	7/8/2024	D3500V2 SN: 1060	2/7/2025	20.0	6.120	61.200	65.700	-6.85%	2.310	23.100	24.900	-7.23%	
				3700	35.62	37.70	-5.52%	3.12	3.12	0.09%													
				3900	35.38	37.47	-5.59%	3.29	3.32	-1.05%													
SAR E	7/8/2024	Head	3900	3800	35.50	37.59	-5.55%	3.20	3.22	-0.73%	7/8/2024	D3900V2 SN: 1102	10/24/2024	20.0	6.280	62.800	69.300	-9.38%	2.200	22.000	24.100	-8.71%	
				4000	35.25	37.36	-5.65%	3.38	3.42	-1.38%													
				3500	35.88	37.93	-5.40%	3.03	2.91	4.17%													
SAR E	7/12/2024	Head	3500	3400	36.03	38.04	-5.29%	2.96	2.81	5.29%	7/12/2024	D3500V2 SN: 1060	2/7/2025	20.0	6.870	68.700	65.700	4.57%	2.570	25.700	24.900	3.21%	
				3700	35.59	37.70	-5.59%	3.19	3.12	2.37%													
				3900	35.30	37.47	-5.80%	3.36	3.32	1.15%													
SAR E	7/12/2024	Head	3900	3800	35.44	37.59	-5.71%	3.27	3.22	1.63%	7/12/2024	D3900V2 SN: 1102	10/24/2024	20.0	6.920	69.200	69.300	-0.14%	2.410	24.100	24.100	0.00%	
				4000	35.16	37.36	-5.89%	3.45	3.42	0.70%													
				3500	35.92	37.93	-5.30%	2.94	2.91	0.94%													
SAR E	7/16/2024	Head	3500	3400	36.05	38.04	-5.24%	2.86	2.81	1.95%	7/16/2024	D3500V2 SN: 1060	2/7/2025	20.0	6.690	66.900	65.700	1.83%	2.500	25.000	24.900	0.40%	
				3700	35.67	37.70	-5.39%	3.09	3.12	-0.78%													
				3900	35.41	37.47	-5.51%	3.26	3.32	-1.71%													
SAR E	7/16/2024	Head	3900	3800	35.54	37.59	-5.45%	3.18	3.22	-1.35%	7/16/2024	D3900V2 SN: 1102	10/24/2024	20.0	6.840	68.400	69.300	-1.30%	2.390	23.900	24.100	-0.83%	
				4000	35.30	37.36	-5.51%	3.35	3.42	-2.05%													
				3500	38.40	37.93	1.24%	3.01	2.91	3.48%													
SAR E	7/20/2024	Head	3500	3400	38.54	38.04	1.30%	2.93	2.81	4.37%	7/20/2024	D3500V2 SN: 1060	2/7/2025	20.0	7.190	71.900	65.700	9.44%	2.690	26.900	24.900	8.03%	9
				3700	38.13	37.70	1.14%	3.18	3.12	2.05%													
				3900	37.86	37.47	1.03%	3.37	3.32	1.36%													
SAR E	7/20/2024	Head	3900	3800	37.99	37.59	1.07%	3.27	3.22	1.60%	7/20/2024	D3900V2 SN: 1102	10/24/2024	20.0	7.550	75.500	69.300	8.95%	2.640	26.400	24.100	9.54%	
				4000	37.74	37.36	1.02%	3.46	3.42	1.08%													
				3500	35.79	37.93	-5.64%	3.06	2.91	5.13%													
SAR E	7/24/2024	Head	3500	3400	35.94	38.04	-5.53%	2.98	2.81	6.18%	7/24/2024	D3500V2 SN: 1060	2/7/2025	20.0	6.930	69.300	65.700	5.48%	2.580	25.800	24.900	3.61%	
				3700	35.49	37.70	-5.87%	3.22	3.12	3.17%													
				3900	35.20	37.47	-6.07%	3.39	3.32	1.96%													
SAR E	7/24/2024	Head	3900	3800	35.34	37.59	-5.98%	3.30	3.22	2.47%	7/24/2024	D3900V2 SN: 1102	10/24/2024	20.0	7.090	70.900	69.300	2.31%	2.470	24.700	24.100	2.49%	
				4000	35.06	37.36	-6.15%	3.48	3.42	1.51%													

Liquid Check											System Check											
SAR Lab	Date	Tissue Type	Band (MHz)	Freq. (MHz)	Relative Permittivity (cr)			Conductivity (σ)			Date	Dipole Type & Serial Number	Dipole Cal. Due Date	Input Power (dBm)	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Measured	Target	Delta	Measured	Target	Delta					Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	
				3500	39.90	37.93	5.19%	2.77	2.91	-4.86%													
SAR F	6/26/2024	Head	3500	3400	40.06	38.04	5.30%	2.68	2.81	-4.60%	6/25/2024	D3500V2 SN: 1060	2/7/2025	20.0	6.700	67.000	65.700	1.98%	2.600	26.000	24.900	4.42%	
				3700	39.56	37.70	4.93%	2.96	3.12	-5.01%													
				3900	39.25	37.47	4.74%	2.16	3.32	-34.96%													
SAR F	6/26/2024	Head	3900	3800	39.40	37.59	4.82%	3.06	3.22	-4.93%	6/25/2024	D3900V2 SN: 1102	10/24/2024	20.0	7.060	70.600	69.300	1.88%	2.470	24.700	24.100	2.49%	
				4000	39.09	37.36	4.63%	3.26	3.42	-4.77%													
				3500	40.35	37.93	6.38%	2.75	2.91	-5.48%													
SAR F	6/29/2024	Head	3500	3400	40.52	38.04	6.51%	2.67	2.81	-4.96%	6/30/2024	D3500V2 SN: 1060	2/7/2025	14.0	1.680	66.882	65.700	1.80%	0.656	26.116	24.900	4.88%	
				3700	40.01	37.70	6.12%	2.93	3.12	-6.14%													
				3900	39.69	37.47	5.92%	3.11	3.32	-6.35%													
SAR F	6/29/2024	Head	3900	3800	39.84	37.59	5.99%	3.01	3.22	-6.48%	6/30/2024	D3900V2 SN: 1102	10/24/2024	20.0	6.810	68.100	69.300	-1.73%	2.530	25.300	24.100	4.98%	
				4000	39.57	37.36	5.92%	3.20	3.42	-6.52%													
				3500	40.46	37.93	6.67%	2.77	2.91	-5.00%													
SAR F	7/4/2024	Head	3500	3400	40.64	38.04	6.82%	2.68	2.81	-4.74%	7/4/2024	D3500V2 SN: 1060	2/7/2025	20.0	6.120	61.200	65.700	-6.85%	2.350	23.500	24.900	-5.62%	
				3700	40.14	37.70	6.47%	2.96	3.12	-4.98%													
				3900	39.82	37.47	6.26%	3.16	3.32	-4.78%													
SAR F	7/4/2024	Head	3900	3800	39.98	37.59	6.37%	3.06	3.22	-4.96%	7/4/2024	D3900V2 SN: 1102	10/24/2024	20.0	6.500	65.000	69.300	-6.20%	2.290	22.900	24.100	-4.98%	
				4000	39.67	37.36	6.19%	3.27	3.42	-4.50%													
				3500	40.41	37.93	6.54%	2.71	2.91	-6.89%													
SAR F	7/8/2024	Head	3500	3400	40.58	38.04	6.67%	2.63	2.81	-6.49%	7/8/2024	D3500V2 SN: 1060	2/7/2025	20.0	6.090	60.900	65.700	-7.31%	2.360	23.600	24.900	-5.22%	10
				3700	40.09	37.70	6.34%	2.90	3.12	-6.87%													
				3900	39.84	37.47	6.32%	3.10	3.32	-6.65%													
SAR F	7/8/2024	Head	3900	3800	39.96	37.59	6.31%	2.99	3.22	-6.98%	7/8/2024	D3900V2 SN: 1102	10/24/2024	20.0	6.440	64.400	69.300	-7.07%	2.280	22.800	24.100	-5.39%	11
				4000	39.70	37.36	6.27%	3.21	3.42	-6.20%													
				3500	39.12	37.93	3.14%	2.72	2.91	-6.44%													
SAR F	7/12/2024	Head	3500	3400	39.29	38.04	3.28%	2.63	2.81	-6.24%	7/12/2024	D3500V2 SN: 1060	2/7/2025	20.0	6.480	64.800	65.700	-1.37%	2.530	25.300	24.900	1.61%	
				3700	38.80	37.70	2.91%	2.91	3.12	-6.71%													
				3900	38.47	37.47	2.66%	3.11	3.32	-6.41%													
SAR F	7/12/2024	Head	3900	3800	38.63	37.59	2.77%	3.01	3.22	-6.63%	7/12/2024	D3900V2 SN: 1102	10/24/2024	20.0	7.240	72.400	69.300	4.47%	2.640	26.400	24.100	9.54%	
				4000	38.31	37.36	2.55%	3.21	3.42	-6.20%													
				3500	39.80	37.93	4.93%	2.72	2.91	-6.61%													
SAR F	7/16/2024	Head	3500	3400	39.93	38.04	4.96%	2.61	2.81	-6.95%	7/16/2024	D3500V2 SN: 1060	2/7/2025	20.0	6.150	61.500	65.700	-6.39%	2.400	24.000	24.900	-3.61%	
				3700	39.34	37.70	4.35%	2.91	3.12	-6.68%													
				3900	38.89	37.47	3.78%	3.10	3.32	-6.56%													
SAR F	7/16/2024	Head	3900	3800	39.13	37.59	4.10%	3.02	3.22	-6.29%	7/16/2024	D3900V2 SN: 1102	10/24/2024	20.0	6.700	67.000	69.300	-3.32%	2.390	23.900	24.100	-0.83%	
				4000	38.70	37.36	3.59%	3.19	3.42	-6.87%													
				3500	40.37	37.93	6.43%	2.74	2.91	-6.00%													
SAR F	7/20/2024	Head	3500	3400	40.48	38.04	6.40%	2.63	2.81	-6.27%	7/20/2024	D3500V2 SN: 1060	2/7/2025	20.0	6.660	66.600	65.700	1.37%	2.600	26.000	24.900	4.42%	
				3700	40.04	37.70	6.20%	2.94	3.12	-5.72%													
				3900	38.66	37.47	3.17%	3.11	3.32	-6.32%													
SAR F	7/20/2024	Head	3900	3800	38.89	37.59	3.47%	3.01	3.22	-6.48%	7/20/2024	D3900V2 SN: 1102	10/24/2024	20.0	6.990	69.900	69.300	0.87%	2.490	24.900	24.100	3.32%	
				4000	38.44	37.36	2.89%	3.20	3.42	-6.43%													
				3500	38.56	37.93	1.66%	2.73	2.91	-6.41%													
SAR F	7/24/2024	Head	3500	3400	38.74	38.04	1.83%	2.63	2.81	-6.27%	7/24/2024	D3500V2 SN: 1060	2/7/2025	20.0	6.650	66.500	65.700	1.22%	2.610	26.100	24.900	4.82%	
				3700	38.21	37.70	1.35%	2.91	3.12	-6.71%													
				3900	37.88	37.47	1.09%	3.11	3.32	-6.47%													
SAR F	7/24/2024	HEad	3900	3800	38.04	37.59	1.20%	3.00	3.22	-6.67%	7/24/2024	D3900V2 SN: 1102	10/24/2024	20.0	7.110	71.100	69.300	2.60%	2.550	25.500	24.100	5.81%	
				4000	37.72	37.36	0.97%	3.21	3.42	-6.20%													

Liquid Check											System Check											
SAR Lab	Date	Tissue Type	Band (MHz)	Freq. (MHz)	Relative Permittivity (εr)			Conductivity (σ)			Date	Dipole Type & Serial Number	Dipole Cal. Due Date	Input Power (dBm)	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Measured	Target	Delta	Measured	Target	Delta					Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	
				13	54.47	55.00	-0.96%	0.69	0.75	-8.32%													
SAR G	6/28/2024	Head	13	12	54.54	55.00	-0.84%	0.69	0.75	-8.32%	6/28/2024	CLA13 SN: 1008	1/12/2025	30.0	0.505	0.505	0.544	-7.17%	0.311	0.311	0.338	-7.99%	
				14	54.35	55.00	-1.18%	0.69	0.75	-8.31%													
				3500	39.54	37.93	4.25%	2.73	2.91	-6.34%													
SAR G	6/29/2024	Head	3500	3400	39.70	38.04	4.35%	2.64	2.81	-6.10%	6/29/2024	D3500V2 SN: 1060	2/7/2025	20.0	6.270	62.700	65.700	-4.57%	2.420	24.200	24.900	-2.81%	
				3700	39.24	37.70	4.08%	2.91	3.12	-6.55%													
				3900	38.91	37.47	3.83%	3.11	3.32	-6.23%													
SAR G	6/29/2024	Head	3900	3800	39.07	37.59	3.94%	3.01	3.22	-6.45%	6/29/2024	D3900V2 SN: 1102	10/24/2024	20.0	6.320	63.200	69.300	-8.80%	2.260	22.600	24.100	-6.22%	
				4000	38.76	37.36	3.75%	3.22	3.42	-6.05%													
				3900	37.70	37.47	0.61%	3.11	3.32	-6.44%													
SAR G	7/3/2024	Head	3900	3800	37.86	37.59	0.73%	3.01	3.22	-6.57%	7/3/2024	D3900V2 SN: 1102	10/24/2024	20.0	6.470	64.700	69.300	-6.64%	2.320	23.200	24.100	-3.73%	
				4000	37.54	37.36	0.48%	3.21	3.42	-6.29%													
				13	53.53	55.00	-2.67%	0.68	0.75	-9.03%													
SAR G	7/3/2024	Head	13	12	53.64	55.00	-2.47%	0.68	0.75	-9.03%	7/3/2024	CLA13 SN: 1008	1/12/2025	30.0	0.544	0.544	0.544	0.00%	0.335	0.335	0.338	-0.89%	
				14	53.34	55.00	-3.02%	0.68	0.75	-9.03%													
				3500	38.32	37.93	1.03%	2.73	2.91	-6.27%													
SAR G	7/4/2024	Head	3500	3400	38.47	38.04	1.12%	2.64	2.81	-5.99%	7/3/2024	D3500V2 SN: 1060	2/7/2025	20.0	6.210	62.100	65.700	-5.48%	2.410	24.100	24.900	-3.21%	
				3700	38.02	37.70	0.84%	2.91	3.12	-6.59%													
				13	52.02	55.00	-5.42%	0.71	0.75	-5.33%													
SAR G	7/5/2024	Head	13	12	51.64	55.00	-6.11%	0.71	0.75	-5.33%	7/5/2024	CLA13 SN: 1008	1/12/2025	30.0	0.506	0.506	0.544	-6.99%	0.312	0.312	0.338	-7.69%	
				14	52.71	55.00	-4.16%	0.71	0.75	-5.33%													
				3500	38.90	37.93	2.56%	2.75	2.91	-5.69%													
SAR G	7/8/2024	Head	3500	3400	39.06	38.04	2.67%	2.66	2.81	-5.35%	7/8/2024	D3500V2 SN: 1060	2/7/2025	20.0	6.230	62.300	65.700	-5.18%	2.420	24.200	24.900	-2.81%	
				3700	38.59	37.70	2.36%	2.94	3.12	-5.82%													
				3900	38.30	37.47	2.21%	3.13	3.32	-5.69%													
SAR G	7/8/2024	Head	3900	3800	38.45	37.59	2.30%	3.03	3.22	-6.01%	7/8/2024	D3900V2 SN: 1102	10/24/2024	20.0	6.430	64.300	69.300	-7.22%	2.300	23.000	24.100	-4.56%	
				4000	38.15	37.36	2.12%	3.24	3.42	-5.26%													
				13	54.28	55.00	-1.31%	0.70	0.75	-6.05%													
SAR G	7/11/2024	Head	13	12	54.37	55.00	-1.15%	0.70	0.75	-6.05%	7/11/2024	CLA13 SN: 1008	1/12/2025	30.0	0.493	0.493	0.544	-9.38%	0.305	0.305	0.338	-9.76%	12
				14	54.04	55.00	-1.75%	0.70	0.75	-6.04%													
				3500	37.58	37.93	-0.92%	2.81	2.91	-3.52%													
SAR G	7/12/2024	Head	3500	3400	37.76	38.04	-0.75%	2.72	2.81	-3.21%	7/12/2024	D3500V2 SN: 1060	2/7/2025	20.0	6.560	65.600	65.700	-0.15%	2.560	25.600	24.900	2.81%	
				3700	37.20	37.70	-1.33%	2.99	3.12	-4.05%													
				3900	36.87	37.47	-1.61%	3.20	3.32	-3.79%													
SAR G	7/12/2024	Head	3900	3800	37.04	37.59	-1.46%	3.09	3.22	-3.93%	7/12/2024	D3900V2 SN: 1102	10/24/2024	20.0	6.810	68.100	69.300	-1.73%	2.460	24.600	24.100	2.07%	
				4000	36.69	37.36	-1.79%	3.30	3.42	-3.66%													
				3500	37.12	37.93	-2.13%	2.72	2.91	-6.44%													
SAR G	7/16/2024	Head	3500	3400	37.29	38.04	-1.98%	2.64	2.81	-6.20%	7/16/2024	D3500V2 SN: 1060	2/7/2025	20.0	6.100	61.000	65.700	-7.15%	2.370	23.700	24.900	-4.82%	13
				3700	36.81	37.70	-2.36%	2.90	3.12	-6.84%													
				3900	36.49	37.47	-2.62%	3.10	3.32	-6.71%													
SAR G	7/16/2024	Head	3900	3800	36.65	37.59	-2.49%	3.00	3.22	-6.85%	7/16/2024	D3900V2 SN: 1102	10/24/2024	20.0	6.310	63.100	69.300	-8.95%	2.290	22.900	24.100	-4.98%	14
				4000	36.34	37.36	-2.73%	3.20	3.42	-6.52%													
				2300	37.13	39.47	-5.93%	1.74	1.66	4.40%													
SAR G	7/16/2024	Head	2300	2350	36.92	39.38	-6.26%	1.75	1.71	2.65%	7/16/2024	D2300V2 SN: 1002	4/11/2025	20.0	5.300	53.000	48.700	8.83%	2.550	25.500	23.800	7.14%	15
				2400	36.88	39.30	-6.15%	1.81	1.75	3.16%													
				2600	36.37	39.01	-6.77%	1.96	1.96	-0.01%													
SAR G	7/16/2024	Head	2600	2495	36.60	39.14	-6.50%	1.87	1.85	1.32%	7/16/2024	D2600V2 SN: 1036	4/11/2025	20.0	5.600	56.000	55.400	1.08%	2.540	25.400	24.900	2.01%	
				2690	36.18	38.90	-6.99%	2.02	2.06	-1.96%													
				2300	38.17	39.47	-3.30%	1.70	1.66	1.88%													
SAR G	7/20/2024	Head	2300	2350	38.11	39.38	-3.24%	1.73	1.71	1.54%	7/20/2024	D2300V2 SN: 1002	4/11/2025	20.0	5.180	51.800	48.700	6.37%	2.500	25.000	23.800	5.04%	
				2400	38.01	39.30	-3.27%	1.77	1.75	1.16%													
				3500	38.73	37.93	2.11%	2.77	2.91	-4.86%													
SAR G	7/20/2024	Head	3500	3400	38.90	38.04	2.25%	2.68	2.81	-4.60%	7/20/2024	D3500V2 SN: 1060	2/7/2025	20.0	6.500	65.000	65.700	-1.07%	2.540	25.400	24.900	2.01%	
				3700	38.41	37.70	1.88%	2.96	3.12	-5.11%													
				2600	36.98	39.01	-5.21%	2.02	1.96	3.10%													
SAR G	7/21/2024	Head	2600	2495	37.17	39.14	-5.04%	1.93	1.85	4.40%	7/21/2024	D2600V2 SN: 1036	4/11/2025	20.0	5.830	58.300	55.400	5.23%	2.650	26.500	24.900	6.43%	16
				2690	36.79	38.90	-5.42%	2.10	2.06	2.02%													
				13	54.77	55.00	-0.42%	0.70	0.75	-6.15%													
SAR G	7/22/2024	Head	13	12	54.73	55.00	-0.49%	0.70	0.75	-6.15%	7/23/2024	CLA13 SN: 1008	1/12/2025	30.0	0.503	0.503	0.544	-7.54%	0.312	0.312	0.338	-7.69%	
				14	54.76	55.00	-0.44%	0.70	0.75	-6.15%													
				3500	35.27	37.93	-7.01%	2.77	2.91	-4.86%													
SAR G	7/24/2024	Head	3500	3400	35.91	38.04	-5.61%	2.68	2.81	-4.60%	7/24/2024	D3500V2 SN: 1060	2/7/2025	20.0	6.480	64.800	65.700	-1.37%	2.530	25.300	24.900	1.61%	
				3700	35.36	37.70	-6.21%	2.95	3.12	-5.33%													
				2300	37.95	39.47	-3.86%	1.75	1.66	5.43%													
SAR G	7/24/2024	Head	2300	2350	37.86	39.38	-3.87%	1.79	1.71	5.00%	7/24/2024	D2300V2 SN: 1002	4/11/2025	20.0	4.930	49.300	48.700	1.23%	2.390	23.900	23.800	0.42%	
				2400	37.78	39.30	-3.86%	1.83	1.75	4.30%													
				2600	37.45	39.01	-3.99%	1.99	1.96	1.42%													
SAR G	7/24/2024	Head	2600	2495	37.63	39.14	-3.86%	1.90	1.85	2.78%	7/24/2024	D2600V2 SN: 1036	4/11/2025	20.0	5.740	57.400	55.400	3.61%	2.600	26.000	24.900	4.42%	
				2690	37.29	38.90	-4.13%	2.07	2.06	0.51%													

Liquid Check										System Check											
SAR Lab	Date	Tissue Type	Band (MHz)	Freq. (MHz)	Relative Permittivity (εr)			Conductivity (σ)			Date	Dipole Type & Serial Number	Dipole Cal. Due Date	Input Power (dBm)	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Measured	Target	Delta	Measured	Target	Delta					Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	
SAR H	7/11/2024	Head	2300	2300	39.61	39.47	0.35%	1.69	1.66	1.52%													
				2350	39.54	39.38	0.39%	1.73	1.71	1.31%	7/11/2024	D2300V2 SN: 1058	10/13/2024	20.0	4.950	49.500	48.500	2.06%	2.400	24.000	23.600	1.69%	17
				2400	39.45	39.30	0.39%	1.77	1.75	0.93%													
SAR H	7/11/2024	Head	2600	2600	39.10	39.01	0.23%	1.94	1.96	-1.33%													
				2495	39.29	39.14	0.37%	1.84	1.85	-0.31%	7/11/2024	D2600V2 SN: 1006	10/13/2024	20.0	5.480	54.800	56.100	-2.32%	2.500	25.000	25.400	-1.57%	18
				2690	38.92	38.90	0.06%	2.01	2.06	-2.50%													
SAR H	7/15/2024	Head	2300	2300	39.12	39.47	-0.89%	1.61	1.66	-3.29%													
				2350	39.07	39.38	-0.81%	1.65	1.71	-3.50%	7/15/2024	D2300V2 SN: 1058	10/13/2024	15.0	1.550	49.015	48.500	1.06%	0.751	23.749	23.600	0.63%	
				2400	40.00	39.30	1.78%	1.68	1.75	-4.03%													

Liquid Check										System Check											
SAR Lab	Date	Tissue Type	Band (MHz)	Freq. (MHz)	Relative Permittivity (εr)			Conductivity (σ)			Date	Dipole Type & Serial Number	Dipole Cal. Due Date	Input Power (dBm)	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Measured	Target	Delta	Measured	Target	Delta					Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	
SAR I	6/26/2024	Head	2600	2600	39.14	39.01	0.33%	1.93	1.96	-1.69%													
				2495	39.34	39.14	0.50%	1.84	1.85	-0.36%	6/26/024	D2600V2 SN: 1006	10/13/2024	20.0	5.460	54.600	56.100	-2.67%	2.470	24.700	25.400	-2.76%	
				2690	39.02	38.90	0.32%	2.00	2.06	-2.94%													
SAR I	6/26/2024	Head	3500	3500	39.69	37.93	4.64%	2.73	2.91	-6.31%													
				3400	39.84	38.04	4.72%	2.64	2.81	-5.99%	6/26/2024	D3500V2 SN: 1060	2/7/2025	20.0	6.170	61.700	65.700	-6.09%	2.390	23.900	24.900	-4.02%	
				3700	39.41	37.70	4.53%	2.91	3.12	-6.65%													
SAR I	6/30/2024	Head	2600	2600	41.22	39.01	5.66%	1.94	1.96	-1.13%													
				2495	41.39	39.14	5.74%	1.85	1.85	0.13%	6/29/2024	D2600V2 SN: 1006	10/13/2024	20.0	5.390	53.900	56.100	-3.92%	2.430	24.300	25.400	-4.33%	19
				2690	41.06	38.90	5.56%	2.01	2.06	-2.26%													
SAR I	6/30/2024	Head	3500	3500	39.72	37.93	4.72%	2.73	2.91	-6.34%													
				3400	39.87	38.04	4.80%	2.64	2.81	-6.13%	6/29/2024	D3500V2 SN: 1060	2/7/2025	20.0	6.050	60.500	65.700	-7.91%	2.340	23.400	24.900	-6.02%	
				3700	39.42	37.70	4.56%	2.91	3.12	-6.52%													
SAR I	7/3/2024	Head	2600	2600	40.47	39.01	3.74%	1.97	1.96	0.50%													
				2495	40.65	39.14	3.85%	1.88	1.85	1.75%	7/3/2024	D2600V2 SN: 1006	10/13/2024	20.0	5.530	55.300	56.100	-1.43%	2.500	25.000	25.400	-1.57%	
				2690	40.32	38.90	3.66%	2.05	2.06	-0.65%													
SAR I	7/3/2024	Head	3500	3500	38.91	37.93	2.58%	2.76	2.91	-5.21%													
				3400	39.07	38.04	2.70%	2.67	2.81	-4.96%	7/3/2024	D3500V2 SN: 1060	2/7/2025	20.0	6.020	60.200	65.700	-8.37%	2.340	23.400	24.900	-6.02%	
				3700	38.59	37.70	2.36%	2.95	3.12	-5.43%													
SAR I	7/8/2024	Head	2600	2600	40.02	39.01	2.59%	1.97	1.96	0.20%													
				2495	40.19	39.14	2.67%	1.87	1.85	1.10%	7/8/2024	D2600V2 SN: 1036	4/11/2025	20.0	5.690	56.900	55.400	2.71%	2.570	25.700	24.900	3.21%	
				2690	39.85	38.90	2.45%	2.04	2.06	-0.80%													
SAR I	7/8/2024	Head	3500	3500	38.42	37.93	1.29%	2.76	2.91	-5.34%													
				3400	38.59	38.04	1.44%	2.67	2.81	-4.96%	7/8/2024	D3500V2 SN: 1060	2/7/2025	20.0	5.980	59.800	65.700	-8.98%	2.320	23.200	24.900	-6.83%	20
				3700	38.07	37.70	0.98%	2.94	3.12	-5.65%													
SAR I	7/12/2024	Head	2600	2600	37.86	39.01	-2.95%	1.98	1.96	1.01%													
				2495	38.05	39.14	-2.79%	1.89	1.85	2.18%	7/12/2024	D2600V2 SN: 1036	4/11/2025	20.0	5.870	58.700	55.400	5.96%	2.660	26.600	24.900	6.83%	
				2690	37.68	38.90	-3.13%	2.06	2.06	-0.07%													
SAR I	7/16/2024	Head	2600	2600	36.75	39.01	-5.80%	1.93	1.96	-1.84%													
				2495	36.93	39.14	-5.65%	1.84	1.85	-0.36%	7/16/2024	D2600V2 SN: 1036	4/11/2025	20.0	5.290	52.900	55.400	-4.51%	2.400	24.000	24.900	-3.61%	
				2690	36.57	38.90	-5.98%	1.98	2.06	-3.76%													
SAR I	7/19/2024	Head	3500	3500	38.41	37.93	1.27%	2.73	2.91	-6.13%													
				3400	38.57	38.04	1.38%	2.64	2.81	-5.88%	7/19/2024	D3500V2 SN: 1060	2/7/2025	20.0	6.430	64.300	65.700	-2.13%	2.500	25.000	24.900	0.40%	
				3700	38.11	37.70	1.08%	2.92	3.12	-6.30%													
SAR I	7/20/2024	Head	2600	2600	36.40	39.01	-6.69%	1.89	1.96	-3.73%													
				2495	36.59	39.14	-6.52%	1.80	1.85	-2.42%	7/20/2024	D2600V2 SN: 1036	4/11/2025	20.0	5.660	56.600	55.400	2.17%	2.570	25.700	24.900	3.21%	
				2690	36.26	38.90	-6.78%	1.96	2.06	-4.88%													
SAR I	7/23/2024	Head	3500	3500	35.46	37.93	-6.51%	2.75	2.91	-5.62%													
				3400	35.63	38.04	-6.34%	2.66	2.81	-5.38%	7/23/2024	D3500V2 SN: 1060	2/7/2025	20.0	6.390	63.900	65.700	-2.74%	2.490	24.900	24.900	0.00%	
				3700	35.12	37.70	-6.85%	2.92	3.12	-6.33%													
SAR I	7/24/2024	Head	2600	2600	36.54	39.01	-6.33%	1.95	1.96	-0.47%													
				2495	36.73	39.14	-6.17%	1.86	1.85	0.78%	7/24/2024	D2600V2 SN: 1036	4/11/2025	20.0	5.980	59.800	55.400	7.94%	2.720	27.200	24.900	9.24%	21
				2690	36.37	38.90	-6.50%	2.03	2.06	-1.53%													

Liquid Check											System Check												
SAR Lab	Date	Tissue Type	Band (MHz)	Freq. (MHz)	Relative Permittivity (εr)			Conductivity (σ)			Date	Dipole Type & Serial Number	Dipole Cal. Due Date	Input Power (dBm)	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Measured	Target	Delta	Measured	Target	Delta					Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	
				2450	41.44	39.20	5.71%	1.74	1.80	-3.33%													
SAR 1	6/28/2024	Head	2450	2400	41.49	39.30	5.58%	1.71	1.75	-2.38%	6/28/2024	D2450V2 SN: 706	1/20/2025	20.0	5.150	51.500	52.300	-1.53%	2.450	24.500	24.500	0.00%	
				2500	41.37	39.14	5.71%	1.78	1.85	-3.99%													
				5250	37.06	35.93	3.14%	4.59	4.70	-2.38%													
SAR 1	6/28/2024	Head	5250	5150	37.09	36.05	2.89%	4.42	4.60	-3.91%	6/28/2024	D5GHzV2 SN: 1168 (5.25 GHz)	11/15/2024	20.0	7.040	70.400	77.000	-8.57%	2.030	20.300	22.300	-8.97%	22
				5350	36.74	35.82	2.57%	4.63	4.80	-3.63%													
				5750	36.11	35.36	2.11%	5.18	5.21	-0.65%													
SAR 1	6/28/2024	Head	5750	5700	36.14	35.42	2.03%	5.08	5.16	-1.60%	6/28/2024	D5GHzV2 SN: 1168 (5.75 GHz)	11/15/2024	20.0	7.230	72.300	78.200	-7.54%	2.070	20.700	22.400	-7.59%	23
				5850	35.92	35.30	1.76%	5.38	5.32	1.13%													
				2450	40.43	39.20	3.14%	1.72	1.80	-4.33%													
SAR 1	7/2/2024	Head	2450	2400	40.47	39.30	2.99%	1.68	1.75	-3.86%	7/2/2024	D2450V2 SN: 706	1/20/2025	20.0	4.860	48.600	52.300	-7.07%	2.300	23.000	24.500	-6.12%	24
				2500	40.43	39.14	3.30%	1.76	1.85	-5.07%													
				5250	35.98	35.93	0.13%	4.46	4.70	-5.06%													
SAR 1	7/2/2024	Head	5250	5150	35.97	36.05	-0.21%	4.32	4.60	-6.08%	7/2/2024	D5GHzV2 SN: 1168 (5.25 GHz)	11/15/2024	20.0	7.300	73.000	77.000	-5.19%	2.100	21.000	22.300	-5.83%	
				5350	35.54	35.82	-0.78%	4.49	4.80	-6.52%													
				5750	34.94	35.36	-1.20%	5.01	5.21	-3.87%													
SAR 1	7/2/2024	Head	5750	5700	35.00	35.42	-1.19%	4.92	5.16	-4.80%	7/2/2024	D5GHzV2 SN: 1168 (5.75 GHz)	11/15/2024	20.0	7.590	75.900	78.200	-2.94%	2.170	21.700	22.400	-3.13%	
				5850	34.75	35.30	-1.56%	5.20	5.32	-2.27%													
				2450	40.34	39.20	2.91%	1.76	1.80	-2.28%													
SAR 1	7/6/2024	Head	2450	2400	40.42	39.30	2.86%	1.73	1.75	-1.46%	7/6/2024	D2450V2 SN: 706	1/20/2025	20.0	5.070	50.700	52.300	-3.06%	2.400	24.000	24.500	-2.04%	
				2500	40.21	39.14	2.74%	1.80	1.85	-2.86%													
				5250	35.59	35.93	-0.95%	4.57	4.70	-2.77%													
SAR 1	7/6/2024	Head	5250	5150	35.64	36.05	-1.13%	4.42	4.60	-3.93%	7/6/2024	D5GHzV2 SN: 1168 (5.25 GHz)	11/15/2024	19.8	6.750	70.681	77.000	-8.21%	1.930	20.210	22.300	-9.37%	
				5350	35.09	35.82	-2.04%	4.58	4.80	-4.71%													
				5750	34.36	35.36	-2.84%	5.09	5.21	-2.39%													
SAR 1	7/6/2024	Head	5750	5700	34.48	35.42	-2.65%	4.99	5.16	-3.38%	7/6/2024	D5GHzV2 SN: 1168 (5.75 GHz)	11/15/2024	20.0	7.440	74.400	78.200	-4.86%	2.110	21.100	22.400	-5.80%	
				5850	34.16	35.30	-3.23%	5.28	5.32	-0.71%													
				2450	41.06	39.20	4.74%	1.79	1.80	-0.44%													
SAR 1	7/10/2024	Head	2450	2400	41.10	39.30	4.59%	1.75	1.75	0.08%	7/10/2024	D2450V2 SN: 706	1/20/2025	20.0	4.960	49.600	52.300	-5.16%	2.350	23.500	24.500	-4.08%	
				2500	40.96	39.14	4.66%	1.84	1.85	-1.03%													
				5250	36.01	35.93	0.21%	4.61	4.70	-2.04%													
SAR 1	7/10/2024	Head	5250	5150	36.08	36.05	0.09%	4.45	4.60	-3.30%	7/10/2024	D5GHzV2 SN: 1168 (5.25 GHz)	11/15/2024	19.0	5.910	74.402	77.000	-3.37%	1.700	21.402	22.300	-4.03%	
				5350	35.58	35.82	-0.67%	4.63	4.80	-3.69%													
				5750	34.84	35.36	-1.48%	5.13	5.21	-1.61%													
SAR 1	7/10/2024	Head	5750	5700	35.02	35.42	-1.13%	5.04	5.16	-2.47%	7/10/2024	D5GHzV2 SN: 1168 (5.75 GHz)	11/15/2024	19.95	7.380	74.655	78.200	-4.53%	2.110	21.344	22.400	-4.71%	
				5850	34.64	35.30	-1.87%	5.30	5.32	-0.32%													
				2450	39.33	39.20	0.33%	1.747	1.80	-2.94%													
SAR 1	7/15/2024	Head	2450	2400	39.4	39.30	0.26%	1.711	1.75	-2.32%	7/15/2024	D2450V2 SN: 706	1/20/2025	20.0	5.180	51.800	52.300	-0.96%	2.460	24.600	24.500	0.41%	
				2500	39.24	39.14	0.26%	1.788	1.85	-3.56%													
				5250	34.33	35.93	-4.46%	4.503	4.70	-4.24%													
SAR 1	7/15/2024	Head	5250	5150	34.33	36.05	-4.76%	4.352	4.60	-5.39%	7/15/2024	D5GHzV2 SN: 1168 (5.25 GHz)	11/15/2024	19.70	7.360	78.864	77.000	2.42%	2.120	22.716	22.300	1.87%	
				5350	33.87	35.82	-5.44%	4.528	4.80	-5.75%													
				5750	33.09	35.36	-6.43%	4.996	5.21	-4.18%													
SAR 1	7/15/2024	Head	5750	5700	33.32	35.42	-5.93%	4.909	5.16	-4.91%	7/15/2024	D5GHzV2 SN: 1168 (5.75 GHz)	11/15/2024	19.90	8.060	82.477	78.200	5.47%	2.310	23.638	22.400	5.53%	
				5850	32.94	35.30	-6.69%	5.181	5.32	-2.61%													
				2450	39.48	39.20	0.71%	1.758	1.80	-2.33%													
SAR 1	7/19/2024	Head	2450	2400	39.52	39.30	0.57%	1.719	1.75	-1.86%	7/19/2024	D2450V2 SN: 706	1/20/2025	20.0	5.330	53.300	52.300	1.91%	2.530	25.300	24.500	3.27%	
				2500	39.42	39.14	0.72%	1.803	1.85	-2.75%													
				5250	34.39	35.93	-4.29%	4.715	4.70	0.27%													
SAR 1	7/19/2024	Head	5250	5150	34.44	36.05	-4.46%	4.547	4.60	-1.15%	7/19/2024	D5GHzV2 SN: 1168 (5.25 GHz)	11/15/2024	20.0	8.120	81.200	77.000	5.45%	2.350	23.500	22.300	5.38%	
				5350	33.95	35.82	-5.22%	4.765	4.80	-0.82%													
				5750	33.09	35.36	-6.43%	5.254	5.21	0.77%													
SAR 1	7/19/2024	Head	5750	5700	33.31	35.42	-5.96%	5.19	5.16	0.53%	7/19/2024	D5GHzV2 SN: 1168 (5.75 GHz)	11/15/2024	20.0	8.100	81.000	78.200	3.58%	2.320	23.200	22.400	3.57%	
				5850	32.88	35.30	-6.86%	5.467	5.32	2.76%													
				2450	39.99	39.20	2.02%	1.713	1.80	-4.83%													
SAR 1	7/23/2024	Head	2450	2400	40.05	39.30	1.92%	1.675	1.75	-4.38%	7/23/2024	D2450V2 SN: 706	1/20/2025	20.0	5.040	50.400	52.300	-3.63%	2.400	24.000	24.500	-2.04%	
				2500	39.91	39.14	1.98%	1.753	1.85	-5.45%													
				5250	35.44	35.93	-1.37%	4.458	4.70	-5.19%													
SAR 1	7/23/2024	Head	5250	5150	35.47	36.05	-1.60%	4.305	4.60	-6.41%	7/23/2024	D5GHzV2 SN: 1168 (5.25 GHz)	11/15/2024	20.0	7.740	77.400	77.000	0.52%	2.240	22.400	22.300	0.45%	
				5350	35.05	35.82	-2.15%	4.485	4.80	-6.65%													
				5750	34.37	35.36	-2.81%	4.979	5.21	-4.50%													
SAR 1	7/23/2024	Head	5750	5700	34.47	35.42	-2.68%	4.886	5.16	-5.36%	7/23/2024	D5GHzV2 SN: 1168 (5.75 GHz)	11/15/2024	20.0	7.630	76.300	78.200	-2.43%	2.180	21.800	22.400	-2.68%	
				5850	34.18	35.30	-3.17%	5.176	5.32	-2.71%													
				2450	39.41	39.20	0.54%	1.73	1.80	-4.11%													
SAR 1	7/26/2024	Head	2450	2400	39.47	39.30	0.44%	1.69	1.75	-3.63%	7/26/2024	D2450V2 SN: 706	1/20/2025	20.0	5.150	51.500	52.300	-1.53%	2.450	24.500	24.500	0.00%	
				2500	39.32	39.14	0.47%	1.76	1.85	-4.91%													
				5250	34.80	35.93	-3.15%	4.46	4.70	-5.09%													
SAR 1	7/26/2024	Head	5250	5150	34.76	36.05	-3.57%	4.31	4.60	-6.39%	7/26/2024	D5GHzV2 SN: 1138 (5.25 GHz)	2/3/2025	20.0	8.040	80.400	79.500	1.13%	2.330	23.300	22.600	3.10%	
				5350	34.38	35.82	-4.02%	4.48	4.80	-6.75%													
				5750	33.64	35.36	-4.87%	4.99	5.21	-4.35%													
SAR 1	7/26/2024	Head	5750	5700	33.77	35.42	-4.66%	4.90	5.16	-5.05%	7/26/2024	D5GHzV2 SN: 1138 (5.75 GHz)	2/3/2025	20.0	8.100	81.000	78.300	3.45%	2.330	23.300	22.200	4.95%	
				5850	33.50	35.30	-5.10%	5.18	5.32	-2.73%													

Liquid Check										System Check										
SAR Lab	Date	Tissue Type	Band (MHz)	Freq. (MHz)	Relative Permittivity (εr)			Conductivity (σ)			Date	Dipole Type & Serial Number	Dipole Cal. Due Date	Input Power (dBm)	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Measured	Target	Delta	Measured	Target	Delta					Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	
SAR 2	6/28/2024	Head	5250	5250	35.14	35.93	-2.21%	4.54	4.70	-3.53%	6/28/2024	D5GHzV2 SN: 1138 (5.25 GHz)	2/3/2025	20.0	7.870	78.700	79.500	-1.01%	2.270	22.700	22.600	0.44%	
				5150	35.12	36.05	-2.57%	4.37	4.60	-5.02%													
				5350	34.75	35.82	-2.98%	4.57	4.80	-4.92%													
SAR 2	7/2/2024	Head	5250	5250	36.06	35.93	0.34%	4.48	4.70	-4.72%	7/2/2024	D5GHzV2 SN: 1138 (5.25 GHz)	2/3/2025	20.0	8.240	82.400	79.500	3.65%	2.250	22.500	22.600	-0.44%	
				5150	36.08	36.05	0.09%	4.33	4.60	-5.95%													
				5350	35.68	35.82	-0.39%	4.50	4.80	-6.27%													
SAR 2	7/6/2024	Head	5250	5200	34.87	35.99	-3.11%	4.36	4.65	-6.24%	7/6/2024	D5GHzV2 SN: 1138 (5.25 GHz)	2/3/2025	19.0	6.040	76.039	79.500	-4.35%	1.750	22.031	22.600	-2.52%	
				5150	34.99	36.05	-2.94%	4.32	4.60	-6.17%													
				5350	34.56	35.82	-3.52%	4.50	4.80	-6.27%													
SAR 2	7/10/2024	head	5250	5250	36.01	35.93	0.21%	4.50	4.70	-4.26%	7/10/2024	D5GHzV2 SN: 1138 (5.25 GHz)	2/3/2025	20.0	7.480	74.800	79.500	-5.91%	2.170	21.700	22.600	-3.98%	
				5150	36.04	36.05	-0.02%	4.35	4.60	-5.43%													
				5350	35.67	35.82	-0.42%	4.52	4.80	-5.92%													
SAR 2	7/15/2024	Head	5250	5250	36.02	35.93	0.24%	4.63	4.70	-1.51%	7/15/2024	D5GHzV2 SN: 1138 (5.25 GHz)	2/3/2025	20.0	7.570	75.700	79.500	-4.78%	2.170	21.700	22.600	-3.98%	
				5150	36.03	36.05	-0.05%	4.48	4.60	-2.52%													
				5350	35.54	35.82	-0.78%	4.67	4.80	-2.82%													
SAR 2	7/19/2024	Head	5250	5250	35.60	35.93	-0.93%	4.83	4.70	2.78%	7/19/2024	D5GHzV2 SN: 1003 (5.25 GHz)	2/22/2025	20.0	7.350	73.500	80.300	-8.47%	2.110	21.100	22.900	-7.86%	25
				5150	35.63	36.05	-1.16%	4.67	4.60	1.53%													
				5350	35.11	35.82	-1.98%	4.90	4.80	1.91%													
SAR 2	7/23/2024	Head	5250	5250	35.56	35.93	-1.04%	4.48	4.70	-4.68%	7/23/2024	D5GHzV2 SN: 1003 (5.25 GHz)	2/22/2025	20.0	7.640	76.400	80.300	-4.86%	2.210	22.100	22.900	-3.49%	
				5150	35.57	36.05	-1.32%	4.33	4.60	-5.91%													
				5350	35.18	35.82	-1.78%	4.51	4.80	-6.17%													
SAR 2	7/29/2024	Head	5250	5250	35.22	35.93	-1.98%	4.48	4.70	-4.70%	7/29/2024	D5GHzV2 SN: 1138 (5.25 GHz)	2/3/2025	20.0	7.320	73.200	79.500	-7.92%	2.110	21.100	22.600	-6.64%	26
				5150	35.24	36.05	-2.24%	4.32	4.60	-6.08%													
				5350	34.82	35.82	-2.79%	4.51	4.80	-6.15%													

Liquid Check										System Check										
SAR Lab	Date	Tissue Type	Band (MHz)	Freq. (MHz)	Relative Permittivity (εr)			Conductivity (σ)			Date	Dipole Type & Serial Number	Dipole Cal. Due Date	Input Power (dBm)	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Measured	Target	Delta	Measured	Target	Delta					Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	
SAR 4	6/28/2024	Head	2450	2450	39.57	39.20	0.94%	1.71	1.80	-5.00%	6/28/2024	D2450V2 SN: 706	1/20/2025	20.0	4.810	48.100	52.300	-8.03%	2.290	22.900	24.500	-6.53%	
				2400	39.61	39.30	0.80%	1.68	1.75	-4.09%													
				2500	39.50	39.14	0.93%	1.75	1.85	-5.61%													
SAR 4	6/28/2024	Head	5750	5750	34.14	35.36	-3.46%	4.95	5.21	-5.06%	6/28/2024	D5GHzV2 SN: 1003 (5.75 GHz)	2/22/2025	20.0	7.290	72.900	79.300	-8.07%	2.080	20.800	22.400	-7.14%	27
				5700	34.28	35.42	-3.22%	4.86	5.16	-5.86%													
				5850	33.97	35.30	-3.77%	5.15	5.32	-3.20%													
SAR 4	7/2/2024	Head	2450	2450	39.55	39.20	0.89%	1.72	1.80	-4.72%	7/2/2024	D2450V2 SN: 706	1/20/2025	20.0	5.070	50.700	52.300	-3.06%	2.410	24.100	24.500	-1.63%	
				2400	39.59	39.30	0.75%	1.68	1.75	-4.32%													
				2500	39.47	39.14	0.85%	1.75	1.85	-5.56%													
SAR 4	7/2/2024	Head	5750	5750	34.06	35.36	-3.68%	4.94	5.21	-5.17%	7/2/2024	D5GHzV2 SN: 1003 (5.75 GHz)	2/22/2025	20.0	7.440	74.400	79.300	-6.18%	2.130	21.300	22.400	-4.91%	
				5700	34.11	35.42	-3.70%	4.85	5.16	-6.11%													
				5850	33.89	35.30	-3.99%	5.13	5.32	-3.55%													
SAR 4	7/6/2024	Head	5750	5750	33.23	35.36	-6.03%	4.94	5.21	-5.25%	7/6/2024	D5GHzV2 SN: 1003 (5.75 GHz)	2/22/2025	20.0	7.390	73.900	79.300	-6.81%	2.140	21.400	22.400	-4.46%	
				5700	33.35	35.42	-5.84%	4.83	5.16	-6.38%													
				5850	33.05	35.30	-6.37%	5.12	5.32	-3.76%													
SAR 4	7/6/2024	Head	2450	2450	39.05	39.20	-0.38%	1.73	1.80	-3.89%	7/6/2024	D2450V2 SN: 706	1/20/2025	20.0	5.190	51.900	52.300	-0.76%	2.470	24.700	24.500	0.82%	
				2400	39.13	39.30	-0.42%	1.70	1.75	-2.95%													
				2500	38.92	39.14	-0.55%	1.77	1.85	-4.53%													
SAR 4	7/10/2024	Head	2450	2450	39.48	39.20	0.71%	1.76	1.80	-2.33%	7/10/2024	D2450V2 SN: 706	1/20/2025	20.0	5.030	50.300	52.300	-3.82%	2.390	23.900	24.500	-2.45%	
				2400	39.52	39.30	0.57%	1.79	1.75	2.42%													
				2500	39.39	39.14	0.65%	1.84	1.85	-1.03%													
SAR 4	7/10/2024	Head	5750	5750	35.76	35.36	1.12%	5.11	5.21	-1.95%	7/10/2024	D5GHzV2 SN: 1168 (5.75 GHz)	11/15/2024	17.0	3.610	72.029	78.200	-7.89%	1.040	20.751	22.400	-7.36%	28
				5700	35.82	35.42	1.13%	5.02	5.16	-2.70%													
				5850	35.56	35.30	0.74%	5.29	5.32	-0.53%													
SAR 4	7/14/2024	Head	2450	2450	41.36	39.20	5.51%	1.75	1.80	-2.89%	7/14/2024	D2450V2 SN: 706	1/20/2025	20.0	5.090	50.900	52.300	-2.68%	2.420	24.200	24.500	-1.22%	
				2400	41.45	39.30	5.48%	1.71	1.75	-2.38%													
				2500	41.28	39.14	5.48%	1.78	1.85	-3.78%													
SAR 4	7/14/2024	Head	5750	5750	37.47	35.36	5.96%	5.12	5.21	-1.84%	7/14/2024	D5GHzV2 SN: 1003 (5.75 GHz)	2/22/2025	20.0	7.640	76.400	79.300	-3.66%	2.190	21.900	22.400	-2.23%	
				5700	37.43	35.42	5.68%	5.15	5.16	-0.28%													
				5850	37.29	35.30	5.64%	5.24	5.32	-1.52%													
SAR 4	7/18/2024	Head	5750	5750	34.50	35.36	-2.44%	5.47	5.21	4.88%	7/18/2024	D5GHzV2 SN: 1003 (5.75 GHz)	2/22/2025	20.0	8.150	81.500	79.300	2.77%	2.360	23.600	22.400	5.36%	
				5700	34.64	35.42	-2.20%	5.40	5.16	4.50%													
				5850	34.35	35.30	-2.69%	5.69	5.32	6.88%													
SAR 4	7/18/2024	Head	2450	2450	40.91	39.20	4.36%	1.84	1.80	2.44%	7/18/2024	D2450V2 SN: 706	1/20/2025	20.0	5.360	53.600	52.300	2.49%	2.550	25.500	24.500	4.08%	
				2400	40.95	39.30	4.21%	1.80	1.75	2.87%													
				2500	40.83	39.14	4.33%	1.89	1.85	1.88%													
SAR 4	7/22/2024	Head	2450	2450	39.80	39.20	1.53%	1.80	1.80	0.00%	7/22/2024	D2450V2 SN: 706	1/20/2025	20.0	4.780	47.800	52.300	-8.60%	2.230	22.300	24.500	-8.98%	29
				2400	39.83	39.30	1.36%	1.76	1.75	0.65%													
				2500	39.70	39.14	1.44%	1.84	1.85	-0.60%													
SAR 4	7/22/2024	Head	5750	5750	33.74	35.36	-4.59%	5.27	5.21	1.08%	7/22/2024	D5GHzV2 SN: 1003 (5.75 GHz)	2/22/2025	20.0	7.930	79.300	79.300	0.00%	2.250	22.500	22.400	0.45%	
				5700	33.88	35.42	-4.35%	5.17	5.16	0.11%													
				5850	33.57	35.30	-4.90%	5.47	5.32	2.82%													
SAR 4	7/26/2024	Head	2450	2450	39.49	39.20	0.74%	1.73	1.80	-3.72%	7/26/2024	D2450V2 SN: 706	1/20/2025	20.0	5.050	50.500	52.300	-3.44%	2.390	23.900	24.500	-2.45%	
				2400	39.54	39.30	0.62%	1.69	1.75	-3.46%													
				2500	39.37	39.14	0.60%	1.78	1.85	-4.16%													
SAR 4	7/26/2024	Head	5750	5750	33.80	35.36	-4.42%	5.01	5.21	-3.93%	7/26/2024	D5GHzV2 SN: 1168 (5.75 GHz)	11/15/2024	20.0	7.390	73.900	78.200	-5.50%	2.120	21.200	22.400	-5.36%	
				5700	33.89	35.42	-4.32%	4.92	5.16	-4.62%													
				5850	33.62	35.30	-4.76%	5.21	5.32	-2.05%													

Liquid Check											System Check											
SAR Lab	Date	Tissue Type	Band (MHz)	Freq. (MHz)	Relative Permittivity (εr)			Conductivity (σ)			Date	Dipole Type & Serial Number	Dipole Cal. Due Date	Input Power (dBm)	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Measured	Target	Delta	Measured	Target	Delta					Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	
SAR 5	6/28/2024	Head	2450	2450	41.10	39.20	4.85%	1.78	1.80	-1.11%													
				2400	41.14	39.30	4.69%	1.74	1.75	-0.66%	6/28/2024	D2450V2 SN: 706	1/20/2025	20.0	5.320	53.200	52.300	1.72%	2.520	25.200	24.500	2.86%	
				2500	41.03	39.14	4.84%	1.81	1.85	-2.38%													
SAR 5	6/28/2024	Head	5250	5250	36.60	35.93	1.86%	4.61	4.70	-1.96%													
				5150	36.64	36.05	1.64%	4.46	4.60	-3.04%	6/28/2024	D5GHzV2 SN: 1003 (5.25 GHz)	2/22/2025	20.0	7.470	74.700	80.300	-6.97%	2.160	21.600	22.900	-5.68%	
				5350	36.20	35.82	1.06%	4.64	4.80	-3.42%													
SAR 5	7/2/2024	Head	2450	2450	39.74	39.20	1.38%	1.77	1.80	-1.72%													
				2400	39.79	39.30	1.26%	1.73	1.75	-1.18%	7/2/2024	D2450V2 SN: 706	1/20/2025	20.0	5.350	53.500	52.300	2.29%	2.520	25.200	24.500	2.86%	
				2500	39.66	39.14	1.34%	1.81	1.85	-2.59%													
SAR 5	7/2/2024	Head	5250	5250	35.15	35.93	-2.18%	4.53	4.70	-3.77%													
				5150	35.15	36.05	-2.49%	4.37	4.60	-5.04%	7/2/2024	D5GHzV2 SN: 1003 (5.25 GHz)	2/22/2025	19.0	5.870	73.899	80.300	-7.97%	1.690	21.276	22.900	-7.09%	30
				5350	34.75	35.82	-2.98%	4.54	4.80	-5.42%													
SAR 5	7/6/2024	Head	2450	2450	39.30	39.20	0.26%	1.80	1.80	-0.11%													
				2400	39.37	39.30	0.19%	1.77	1.75	0.76%	7/6/2024	D2450V2 SN: 706	1/20/2025	20.0	5.650	56.500	52.300	8.03%	2.660	26.600	24.500	8.57%	31
				2500	39.17	39.14	0.08%	1.84	1.85	-0.76%													
SAR 5	7/6/2024	Head	5250	5250	34.46	35.93	-4.10%	4.58	4.70	-2.60%													
				5150	34.54	36.05	-4.18%	4.42	4.60	-3.95%	7/6/2024	D5GHzV2 SN: 1003 (5.25 GHz)	2/22/2025	20.0	7.750	77.500	80.300	-3.49%	2.230	22.300	22.900	-2.62%	
				5350	33.95	35.82	-5.22%	4.57	4.80	-4.92%													
SAR 5	7/10/2024	Head	2450	2450	39.58	39.20	0.97%	1.81	1.80	0.50%													
				2400	39.63	39.30	0.85%	1.77	1.75	1.05%	7/10/2024	D2450V2 SN: 706	1/20/2025	20.0	5.370	53.700	52.300	2.68%	2.520	25.200	24.500	2.86%	
				2500	39.48	39.14	0.88%	1.85	1.85	-0.22%													
SAR 5	7/10/2024	Head	5250	5250	34.43	35.93	-4.18%	4.58	4.70	-2.70%													
				5150	34.50	36.05	-4.29%	4.41	4.60	-4.15%	7/10/2024	D5GHzV2 SN: 1003 (5.25 GHz)	2/22/2025	20.0	7.840	78.400	80.300	-2.37%	2.260	22.600	22.900	-1.31%	
				5350	34.00	35.82	-5.08%	4.59	4.80	-4.48%													
SAR 5	7/14/2024	Head	2450	2450	38.02	39.20	-3.01%	1.71	1.80	-4.78%													
				2400	38.11	39.30	-3.02%	1.68	1.75	-4.20%	7/14/2024	D2450V2 SN: 706	1/20/2025	20.0	5.300	53.000	52.300	1.34%	2.500	25.000	24.500	2.04%	
				2500	37.94	39.14	-3.06%	1.75	1.85	-5.67%													
SAR 5	7/14/2024	Head	5250	5250	36.49	35.93	1.55%	4.46	4.70	-5.23%													
				5150	36.66	36.05	1.70%	4.35	4.60	-5.45%	7/14/2024	D5GHzV2 SN: 1003 (5.25 GHz)	2/22/2025	20.0	7.510	75.100	80.300	-6.48%	2.180	21.800	22.900	-4.80%	
				5350	36.30	35.82	1.34%	4.57	4.80	-4.96%													
SAR 5	7/18/2024	Head	2450	2450	39.78	39.20	1.48%	1.81	1.80	0.56%													
				2400	39.82	39.30	1.33%	1.76	1.75	0.48%	7/18/2024	D2450V2 SN: 706	1/20/2025	20.0	5.360	53.600	52.300	2.49%	2.540	25.400	24.500	3.67%	
				2500	39.68	39.14	1.39%	1.85	1.85	-0.22%													
SAR 5	7/18/2024	Head	5250	5250	34.67	35.93	-3.52%	4.77	4.70	1.44%													
				5150	34.70	36.05	-3.74%	4.61	4.60	0.22%	7/18/2024	D5GHzV2 SN: 1003 (5.25 GHz)	2/22/2025	20.0	7.500	75.000	80.300	-6.60%	2.160	21.600	22.900	-5.68%	
				5350	34.22	35.82	-4.46%	4.81	4.80	0.12%													
SAR 5	7/22/2024	Head	2450	2450	39.67	39.20	1.20%	1.75	1.80	-2.83%													
				2400	39.71	39.30	1.05%	1.71	1.75	-2.21%	7/22/2024	D2450V2 SN: 706	1/20/2025	20.0	5.270	52.700	52.300	0.76%	2.490	24.900	24.500	1.63%	
				2500	39.58	39.14	1.13%	1.79	1.85	-3.40%													
SAR 5	7/22/2024	Head	5250	5250	34.89	35.93	-2.90%	4.59	4.70	-2.45%													
				5150	34.95	36.05	-3.04%	4.42	4.60	-3.84%	7/22/2024	D5GHzV2 SN: 1003 (5.25 GHz)	2/22/2025	20.0	7.790	77.900	80.300	-2.99%	2.250	22.500	22.900	-1.75%	
				5350	34.45	35.82	-3.82%	4.62	4.80	-3.94%													
SAR 5	7/26/2024	Head	2450	2450	39.45	39.20	0.64%	1.77	1.80	-1.67%													
				2400	39.50	39.30	0.52%	1.73	1.75	-1.35%	7/26/2024	D2450V2 SN: 706	1/20/2025	20.0	5.340	53.400	52.300	2.10%	2.500	25.000	24.500	2.04%	
				2500	39.33	39.14	0.49%	1.82	1.85	-2.11%													
SAR 5	7/26/2024	Head	5250	5250	34.70	35.93	-3.43%	4.55	4.70	-3.17%													
				5150	34.77	36.05	-3.54%	4.40	4.60	-4.43%	7/26/2024	D5GHzV2 SN: 1003 (5.25 GHz)	2/22/2025	20.0	7.530	75.300	80.300	-6.23%	2.160	21.600	22.900	-5.68%	
				5350	34.31	35.82	-4.21%	4.58	4.80	-4.65%													

Liquid Check											System Check											
SAR Lab	Date	Tissue Type	Band (MHz)	Freq. (MHz)	Relative Permittivity (εr)			Conductivity (σ)			Date	Dipole Type & Serial Number	Dipole Cal. Due Date	Input Power (dBm)	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Measured	Target	Delta	Measured	Target	Delta					Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	
SAR 6	6/28/2024	Head	2450	2450	39.90	39.20	1.79%	1.78	1.80	-1.22%													
				2400	39.97	39.30	1.71%	1.74	1.75	-0.55%	6/28/2024	D2450V2 SN: 706	1/20/2025	20.0	4.820	48.200	52.300	-7.84%	2.260	22.600	24.500	-7.76%	
				2500	39.82	39.14	1.75%	1.82	1.85	-1.89%													
SAR 6	7/2/2024	Head	2450	2450	39.75	39.20	1.40%	1.77	1.80	-1.67%													
				2400	39.80	39.30	1.28%	1.73	1.75	-1.24%	7/2/2024	D2450V2 SN: 706	1/20/2025	20.0	4.740	47.400	52.300	-9.37%	2.210	22.100	24.500	-9.80%	32
				2500	39.67	39.14	1.36%	1.80	1.85	-2.92%													
SAR 6	7/6/2024	Head	2450	2450	40.01	39.20	2.07%	1.82	1.80	1.11%													
				2400	40.09	39.30	2.02%	1.79	1.75	1.90%	7/6/2024	D2450V2 SN: 706	1/20/2025	20.0	5.260	52.600	52.300	0.57%	2.460	24.600	24.500	0.41%	
				2500	39.89	39.14	1.92%	1.86	1.85	0.37%													
SAR 6	7/10/2024	Head	2450	2450	40.40	39.20	3.06%	1.85	1.80	2.89%													
				2400	40.45	39.30	2.93%	1.81	1.75	3.56%	7/10/2024	D2450V2 SN: 706	1/20/2025	20.0	5.230	52.300	52.300	0.00%	2.440	24.400	24.500	-0.41%	
				2500	40.29	39.14	2.95%	1.90	1.85	2.21%													
SAR 6	7/15/2024	Head	2450	2450	41.43	39.20	5.69%	1.85	1.80	2.61%													
				2400	41.53	39.30	5.68%	1.81	1.75	3.16%	7/15/2024	D2450V2 SN: 706	1/20/2025	20.0	4.870	48.700	52.300	-6.88%	2.270	22.700	24.500	-7.35%	
				2500	41.33	39.14	5.60%	1.89	1.85	1.94%													
SAR 6	7/19/2024	Head	2450	2450	40.59	39.20	3.55%	1.79	1.80	-0.44%													
				2400	40.66	39.30	3.47%	1.76	1.75	0.31%	7/19/2024	D2450V2 SN: 706	1/20/2025	20.0	5.010	50.100	52.300	-4.21%	2.350	23.500	24.500	-4.08%	
				2500	40.52	39.14	3.53%	1.83	1.85	-1.08%													
SAR 6	7/23/2024	Head	2450	2450	39.89	39.20	1.76%	1.74	1.80	-3.28%													
				2400	39.95	39.30	1.66%	1.70	1.75	-2.72%	7/23/2024	D2450V2 SN: 706	1/20/2025	20.0	4.770	47.700	52.300	-8.80%	2.240	22.400	24.500	-8.57%	
				2500	39.80	39.14	1.69%	1.78	1.85	-3.89%													
SAR 6	7/26/2024	Head	2450	2450	40.18	39.20	2.50%	1.82	1.80	0.89%													
				2400	40.25	39.30	2.43%	1.78	1.75	1.50%	7/27/2024	D2450V2 SN: 706	1/20/2025	20.0	5.460	54.600	52.300	4.40%	2.530	25.300	24.500	3.27%	
				2500	40.09	39.14	2.44%	1.86	1.85	0.05%													

Liquid Check											System Check											
SAR Lab	Date	Tissue Type	Band (MHz)	Freq. (MHz)	Relative Permittivity (εr)			Conductivity (σ)			Date	Dipole Type & Serial Number	Dipole Cal. Due Date	Input Power (dBm)	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Measured	Target	Delta	Measured	Target	Delta					Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	
SAR 7	6/28/2024	Head	5600	5600	34.26	35.53	-3.57%	4.83	5.06	-4.55%	6/28/2024	D5GHzV2 SN: 1003 (5.60 GHz)	2/22/2025	20.0	8.050	80.500	83.000	-3.01%	2.350	23.500	23.700	-0.84%	
				5500	34.43	35.65	-3.42%	4.71	4.96	-5.04%													
				5725	34.02	35.39	-3.87%	4.95	5.19	-4.62%													
SAR 7	6/28/2024	Head	5750	5750	33.91	35.36	-4.11%	5.01	5.21	-3.91%	6/28/2024	D5GHzV2 SN: 1168 (5.75 GHz)	11/15/2024	19.0	5.930	74.654	78.200	-4.53%	1.730	21.779	22.400	-2.77%	33
				5700	34.04	35.42	-3.90%	4.92	5.16	-4.70%													
				5850	33.71	35.30	-4.50%	5.20	5.32	-2.26%													
SAR 7	7/1/2024	Head	5600	5600	36.24	35.53	2.00%	4.84	5.06	-4.41%	7/1/2024	D5GHzV2 SN: 1003 (5.60 GHz)	2/22/2025	20.0	7.790	77.900	84.000	-7.26%	2.310	23.100	23.700	-2.53%	
				5500	36.39	35.65	2.08%	4.69	4.96	-5.48%													
				5725	36.07	35.39	1.92%	4.95	5.19	-4.64%													
SAR 7	7/1/2024	Head	5750	5750	36.00	35.36	1.80%	5.00	5.21	-4.12%	7/1/2024	D5GHzV2 SN: 1003 (5.75 GHz)	2/22/2025	20.0	7.360	73.600	79.300	-7.19%	2.140	21.400	22.400	-4.46%	
				5700	36.03	35.42	1.72%	4.91	5.16	-4.93%													
				5850	35.84	35.30	1.53%	5.20	5.32	-2.20%													
SAR 7	7/2/2024	Head	5600	5600	34.37	35.53	-3.26%	4.74	5.06	-6.32%	7/2/2024	D5GHzV2 SN: 1003 (5.60 GHz)	2/22/2025	20.0	7.640	76.400	84.000	-9.05%	2.260	22.600	23.700	-4.64%	
				5500	34.52	35.65	-3.17%	4.61	4.96	-7.06%													
				5725	34.16	35.39	-3.48%	4.85	5.19	-6.55%													
SAR 7	7/2/2024	Head	5750	5750	34.07	35.36	-3.65%	4.91	5.21	-5.76%	7/2/2024	D5GHzV2 SN: 1003 (5.75 GHz)	2/22/2025	20.0	7.230	72.300	79.300	-8.83%	2.100	21.000	22.400	-6.25%	
				5700	34.17	35.42	-3.53%	4.81	5.16	-6.78%													
				5850	33.89	35.30	-3.99%	5.09	5.32	-4.32%													
SAR 7	7/5/2024	Head	5600	5600	35.18	35.53	-0.99%	4.97	5.06	-1.76%	7/5/2024	D5GHzV2 SN: 1003 (5.60 GHz)	2/22/2025	20.0	8.850	88.500	84.000	5.36%	2.590	25.900	23.700	9.28%	
				5500	35.39	35.65	-0.73%	4.83	4.96	-2.60%													
				5725	34.95	35.39	-1.24%	5.09	5.19	-1.91%													
SAR 7	7/5/2024	Head	5750	5750	34.85	35.36	-1.44%	5.16	5.21	-0.96%	7/5/2024	D5GHzV2 SN: 1003 (5.75 GHz)	2/22/2025	20.0	7.450	74.500	79.300	-6.05%	2.200	22.000	22.400	-1.79%	
				5700	34.97	35.42	-1.27%	5.06	5.16	-2.02%													
				5850	34.67	35.30	-1.78%	5.35	5.32	0.60%													
SAR 7	7/9/2024	Head	5600	5600	35.87	35.53	0.96%	4.92	5.06	-2.77%	7/9/2024	D5GHzV2 SN: 1003 (5.60 GHz)	2/22/2025	9.0	0.648	81.578	84.000	-2.88%	0.181	22.787	23.700	-3.85%	
				5500	36.04	35.65	1.09%	4.78	4.96	-3.69%													
				5725	35.64	35.39	0.71%	5.03	5.19	-3.18%													
SAR 7	7/9/2024	Head	5750	5750	35.57	35.36	0.59%	5.08	5.21	-2.46%	7/9/2024	D5GHzV2 SN: 1003 (5.75 GHz)	2/22/2025	11.0	1.060	84.199	79.300	6.18%	0.305	24.227	22.400	8.16%	
				5700	35.64	35.42	0.62%	4.99	5.16	-3.31%													
				5850	35.37	35.30	0.20%	5.26	5.32	-1.09%													
SAR 7	7/15/2024	Head	5600	5600	34.16	35.53	-3.86%	4.88	5.06	-3.56%	7/15/2024	D5GHzV2 SN: 1003 (5.60 GHz)	2/22/2025	20.0	7.620	76.200	84.000	-9.29%	2.210	22.100	23.700	-6.75%	
				5500	34.31	35.65	-3.76%	4.74	4.96	-4.44%													
				5725	33.84	35.39	-4.38%	4.97	5.19	-4.24%													
SAR 7	7/15/2024	Head	5750	5750	33.71	35.36	-4.67%	5.04	5.21	-3.26%	7/15/2024	D5GHzV2 SN: 1003 (5.75 GHz)	2/22/2025	20.0	7.220	72.200	79.300	-8.95%	2.120	21.200	22.400	-5.36%	34
				5700	33.93	35.42	-4.21%	4.94	5.16	-4.26%													
				5850	33.56	35.30	-4.93%	5.23	5.32	-1.69%													
SAR 7	7/19/2024	Head	5600	5600	34.24	35.53	-3.63%	4.80	5.06	-5.08%	7/19/2024	D5GHzV2 SN: 1003 (5.60 GHz)	2/22/2025	20.0	7.990	79.900	84.000	-4.88%	2.370	23.700	23.700	0.00%	
				5500	34.40	35.65	-3.51%	4.65	4.96	-6.17%													
				5725	33.94	35.39	-4.10%	4.89	5.19	-5.72%													
SAR 7	7/19/2024	Head	5750	5750	33.82	35.36	-4.36%	4.98	5.21	-4.47%	7/19/2024	D5GHzV2 SN: 1003 (5.75 GHz)	2/22/2025	20.0	7.420	74.200	79.300	-6.43%	2.200	22.000	22.400	-1.79%	
				5700	34.02	35.42	-3.95%	4.87	5.16	-5.70%													
				5850	33.69	35.30	-4.56%	5.14	5.32	-3.36%													
SAR 7	7/23/2024	Head	5600	5600	36.72	35.53	3.35%	4.89	5.06	-3.36%	7/23/2024	D5GHzV2 SN: 1003 (5.60 GHz)	2/22/2025	20.0	7.910	79.100	83.000	-4.70%	2.330	23.300	23.700	-1.69%	
				5500	36.87	35.65	3.42%	4.75	4.96	-4.21%													
				5725	36.52	35.39	3.19%	5.00	5.19	-3.72%													
SAR 7	7/23/2024	Head	5750	5750	36.42	35.36	3.00%	5.06	5.21	-2.86%	7/2/2024	D5GHzV2 SN: 1003 (5.75 GHz)	2/22/2025	20.0	7.720	77.200	79.300	-2.65%	2.280	22.800	22.400	1.79%	
				5700	36.53	35.42	3.13%	4.97	5.16	-3.66%													
				5850	36.18	35.30	2.49%	5.25	5.32	-1.24%													
SAR 7	7/26/2024	Head	5600	5600	34.86	35.53	-1.89%	4.91	5.06	-2.91%	7/26/2024	D5GHzV2 SN: 1003 (5.60 GHz)	2/22/2025	20.0	7.490	74.900	83.000	-9.76%	2.200	22.000	23.700	-7.17%	35
				5500	34.98	35.65	-1.88%	4.78	4.96	-3.61%													
				5725	34.48	35.39	-2.57%	5.02	5.19	-3.22%													
SAR 7	7/26/2024	Head	5750	5750	34.28	35.36	-3.05%	5.12	5.21	-1.77%	7/26/2024	D5GHzV2 SN: 1003 (5.75 GHz)	2/22/2025	20.0	7.800	78.000	79.300	-1.64%	2.310	23.100	22.400	3.13%	
				5700	34.66	35.42	-2.15%	5.00	5.16	-3.16%													
				5850	34.09	35.30	-3.43%	5.29	5.32	-0.60%													

Liquid Check											System Check											
SAR Lab	Date	Tissue Type	Band (MHz)	Freq. (MHz)	Relative Permittivity (εr)			Conductivity (σ)			Date	Dipole Type & Serial Number	Dipole Cal. Due Date	Input Power (dBm)	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Measured	Target	Delta	Measured	Target	Delta					Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	
SAR 8	6/28/2024	Head	5250	5250	35.76	35.93	-0.48%	4.63	4.70	-1.49%	6/29/2024	D5GHzV2 SN: 1003 (5.25 GHz)	2/22/2025	20.0	7.320	73.200	80.300	-8.84%	2.100	21.000	22.900	-8.30%	
				5150	35.80	36.05	-0.69%	4.46	4.60	-2.95%													
				5350	35.35	35.82	-1.31%	4.66	4.80	-2.99%													
SAR 8	7/2/2024	Head	5250	5250	36.73	35.93	2.22%	4.67	4.70	-0.75%	7/2/2024	D5GHzV2 SN: 1003 (5.25 GHz)	2/22/2025	19.0	5.760	72.514	80.300	-9.70%	1.650	20.772	22.900	-9.29%	
				5150	36.71	36.05	1.84%	4.51	4.60	-2.00%													
				5350	36.33	35.82	1.43%	4.70	4.80	-2.15%													
SAR 8	7/6/2024	Head	5250	5250	36.71	35.93	2.16%	4.82	4.70	2.46%	7/6/2024	D5GHzV2 SN: 1003 (5.25 GHz)	2/22/2025	20.0	7.300	73.000	80.300	-9.09%	2.080	20.800	22.900	-9.17%	
				5150	36.81	36.05	2.12%	4.66	4.60	1.20%													
				5350	36.18	35.82	1.01%	4.82	4.80	0.30%													
SAR 8	7/10/2024	Head	5250	5250	37.73	35.93	5.00%	4.83	4.70	2.72%	7/10/2024	D5GHzV2 SN: 1168 (5.25 GHz)	11/15/2024	19.0	5.770	72.640	77.000	-5.66%	1.650	20.772	22.300	-6.85%	36
				5150	37.85	36.05	5.00%	4.66	4.60	1.31%													
				5350	37.36	35.82	4.30%	4.86	4.80	1.16%													
SAR 8	7/15/2024	Head	5250	5250	36.19	35.93	0.71%	4.84	4.70	2.93%	7/16/2024	D5GHzV2 SN: 1003 (5.25 GHz)	2/22/2025	19.0	6.020	75.787	80.300	-5.62%	1.730	21.779	22.900	-4.89%	
				5150	36.18	36.05	0.37%	4.68	4.60	1.74%													
				5350	35.69	35.82	-0.36%	4.88	4.80	1.57%													
SAR 8	7/20/2024	Head	5250	5250	35.34	35.93	-1.65%	4.65	4.70	-1.13%	7/20/2024	D5GHzV2 SN: 1003 (5.25 GHz)	2/22/2025	12.0	1.200	75.715	80.300	-5.71%	0.344	21.705	22.900	-5.22%	
				5150	35.44	36.05	-1.68%	4.49	4.60	-2.37%													
				5350	34.90	35.82	-2.57%	4.67	4.80	-2.76%													
SAR 8	7/23/2024	Head	5250	5250	35.53	35.93	-1.12%	4.61	4.70	-1.92%	7/23/2024	D5GHzV2 SN: 1003 (5.25 GHz)	2/22/2025	20.0	7.250	72.500	80.300	-9.71%	2.100	21.000	22.900	-8.30%	37
				5150	35.54	36.05	-1.41%	4.45	4.60	-3.19%													
				5350	35.15	35.82	-1.87%	4.64	4.80	-3.38%													
SAR 8	7/26/2024	Head	5250	5250	35.52	35.93	-1.15%	4.66	4.70	-0.81%	7/27/2024	D5GHzV2 SN: 1003 (5.25 GHz)	2/22/2025	20.0	7.300	73.000	80.300	-9.09%	2.090	20.900	22.900	-8.73%	
				5150	35.50	36.05	-1.52%	4.51	4.60	-2.06%													
				5350	35.06	35.82	-2.12%	4.70	4.80	-2.26%													

Liquid Check										System Check										
SAR Lab	Date	Tissue Type	Band (MHz)	Freq. (MHz)	Relative Permittivity (εr)			Conductivity (σ)			Date	Dipole Type & Serial Number	Dipole Cal. Due Date	Input Power (dBm)	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Measured	Target	Delta	Measured	Target	Delta					Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	
SAR 9	6/26/2024	Head	5600	5600	34.36	35.53	-3.30%	5.02	5.06	-0.83%	6/26/2024	D5GHzV2 SN: 1003 (5.60 GHz)	2/22/2025	19.0	6.740	84.852	83.000	2.23%	1.940	24.423	23.700	3.05%	
				5500	34.52	35.65	-3.16%	4.88	4.96	-1.51%													
				5725	34.11	35.39	-3.62%	5.12	5.19	-1.26%													
SAR 9	6/26/2024	Head	5750	5750	33.99	35.36	-3.88%	5.19	5.21	-0.49%	6/26/2024	D5GHzV2 SN: 1003 (5.75 GHz)	2/22/2025	19.0	5.820	73.269	79.300	-7.60%	1.690	21.276	22.400	-5.02%	
				5700	34.12	35.42	-3.67%	5.10	5.16	-1.31%													
				5850	33.76	35.30	-4.36%	5.38	5.32	1.09%													
SAR 9	6/28/2024	Head	5600	5600	34.37	35.53	-3.28%	4.82	5.06	-4.69%	6/28/2024	D5GHzV2 SN: 1003 (5.60 GHz)	2/22/2025	20.0	8.200	82.000	83.000	-1.20%	2.370	23.700	23.700	0.00%	
				5500	34.52	35.65	-3.16%	4.69	4.96	-5.50%													
				5725	34.14	35.39	-3.54%	4.93	5.19	-5.05%													
SAR 9	6/28/2024	Head	5750	5750	34.02	35.36	-3.80%	4.99	5.21	-4.39%	6/28/2024	D5GHzV2 SN: 1003 (5.75 GHz)	2/22/2025	20.0	7.630	76.300	79.300	-3.78%	2.190	21.900	22.400	-2.23%	
				5700	34.16	35.42	-3.56%	4.89	5.16	-5.26%													
				5850	33.84	35.30	-4.14%	5.18	5.32	-2.71%													
SAR 9	7/2/2024	Head	5600	5600	34.36	35.53	-3.30%	4.77	5.06	-5.76%	7/2/2024	D5GHzV2 SN: 1003 (5.60 GHz)	2/22/2025	20.0	8.840	88.400	83.000	6.51%	2.510	25.100	23.700	5.91%	
				5500	34.55	35.65	-3.08%	4.62	4.96	-6.84%													
				5725	34.17	35.39	-3.45%	4.87	5.19	-6.15%													
SAR 9	7/2/2024	Head	5750	5750	34.10	35.36	-3.57%	4.92	5.21	-5.56%	7/2/2024	D5GHzV2 SN: 1003 (5.75 GHz)	2/22/2025	20.0	7.590	75.900	79.300	-4.29%	2.180	21.800	22.400	-2.68%	
				5700	34.15	35.42	-3.58%	4.83	5.16	-6.38%													
				5850	33.94	35.30	-3.85%	5.12	5.32	-3.82%													
SAR 9	7/6/2024	Head	5600	5600	33.41	35.53	-5.98%	4.74	5.06	-6.41%	7/6/2024	D5GHzV2 SN: 1003 (5.60 GHz)	2/22/2025	20.0	8.490	84.900	83.000	2.29%	2.440	24.400	23.700	2.95%	
				5500	33.60	35.65	-5.74%	4.61	4.96	-6.96%													
				5725	33.17	35.39	-6.28%	4.85	5.19	-6.56%													
SAR 9	7/6/2024	Head	5750	5750	33.09	35.36	-6.43%	4.92	5.21	-5.67%	7/6/2024	D5GHzV2 SN: 1003 (5.75 GHz)	2/22/2025	20.0	7.890	78.900	79.300	-0.50%	2.290	22.900	22.400	2.23%	
				5700	33.19	35.42	-6.30%	4.81	5.16	-6.79%													
				5850	32.90	35.30	-6.80%	5.10	5.32	-4.19%													
SAR 9	7/10/2024	Head	5600	5600	34.18	35.53	-3.82%	4.78	5.06	-5.58%	7/10/2024	D5GHzV2 SN: 1003 (5.60 GHz)	2/22/2025	12.0	1.240	78.239	83.000	-5.74%	0.351	22.147	23.700	-6.55%	
				5500	34.33	35.65	-3.70%	4.64	4.96	-6.41%													
				5725	33.91	35.39	-4.19%	4.86	5.19	-6.38%													
SAR 9	7/10/2024	Head	5750	5750	33.78	35.36	-4.48%	4.91	5.21	-5.75%	7/10/2024	D5GHzV2 SN: 1003 (5.75 GHz)	2/22/2025	12.0	1.140	71.929	79.300	-9.29%	0.324	20.443	22.400	-8.74%	38
				5700	33.96	35.42	-4.12%	4.84	5.16	-6.23%													
				5850	33.58	35.30	-4.87%	5.09	5.32	-4.25%													
SAR 9	7/16/2024	Head	5600	5600	33.61	35.53	-5.41%	4.87	5.06	-3.76%	7/16/2024	D5GHzV2 SN: 1003 (5.60 GHz)	2/22/2025	19.0	6.200	78.053	83.000	-5.96%	1.770	22.283	23.700	-5.98%	
				5500	33.76	35.65	-5.30%	4.73	4.96	-4.54%													
				5725	33.25	35.39	-6.05%	4.99	5.19	-3.90%													
SAR 9	7/16/2024	Head	5750	5750	33.24	35.36	-6.00%	5.05	5.21	-3.24%	7/16/2024	D5GHzV2 SN: 1003 (5.75 GHz)	2/22/2025	19.0	5.950	74.906	79.300	-5.54%	1.690	21.276	22.400	-5.02%	
				5700	33.36	35.42	-5.82%	4.94	5.16	-4.23%													
				5850	33.07	35.30	-6.32%	5.23	5.32	-1.64%													
SAR 9	7/20/2024	Head	5600	5600	33.83	35.53	-4.79%	4.77	5.06	-5.83%	7/20/2024	D5GHzV2 SN: 1138 (5.60 GHz)	2/3/2025	20.0	7.620	76.200	82.500	-7.64%	2.150	21.500	23.400	-8.12%	39
				5500	33.96	35.65	-4.73%	4.62	4.96	-6.74%													
				5725	33.52	35.39	-5.29%	4.85	5.19	-6.44%													
SAR 9	7/20/2024	Head	5750	5750	33.40	35.36	-5.55%	4.94	5.21	-5.23%	7/20/2024	D5GHzV2 SN: 1003 (5.75 GHz)	2/22/2025	20.0	7.850	78.500	79.300	-1.01%	2.250	22.500	22.400	0.45%	
				5700	33.60	35.42	-5.14%	4.83	5.16	-6.44%													
				5850	33.24	35.30	-5.84%	5.11	5.32	-3.98%													
SAR 9	7/24/2024	Head	5600	5600	33.42	35.53	-5.95%	4.83	5.06	-4.55%	7/24/2024	D5GHzV2 SN: 1003 (5.60 GHz)	2/22/2025	20.0	7.600	76.000	83.000	-8.43%	2.170	21.700	23.700	-8.44%	40
				5500	33.62	35.65	-5.69%	4.71	4.96	-5.02%													
				5725	33.20	35.39	-6.19%	4.91	5.19	-5.38%													
SAR 9	7/24/2024	Head	5750	5750	33.08	35.36	-6.46%	4.96	5.21	-4.89%	7/24/2024	D5GHzV2 SN: 1003 (5.75 GHz)	2/22/2025	20.0	7.510	75.100	79.300	-5.30%	2.100	21.000	22.400	-6.25%	
				5700	33.21	35.42	-6.24%	4.89	5.16	-5.24%													
				5850	32.93	35.30	-6.71%	5.14	5.32	-3.42%													
SAR 9	7/29/2024	Head	5600	5600	35.28	35.53	-0.71%	4.91	5.06	-2.89%	7/29/2024	D5GHzV2 SN: 1003 (5.60 GHz)	2/22/2025	20.0	8.290	82.900	83.000	-0.12%	2.390	23.900	23.700	0.84%	
				5500	35.42	35.65	-0.64%	4.78	4.96	-3.59%													
				5725	35.02	35.39	-1.05%	5.01	5.19	-3.36%													
SAR 9	7/29/2024	Head	5750	5750	34.91	35.36	-1.28%	5.09	5.21	-2.41%	7/29/2024	D5GHzV2 SN: 1003 (5.75 GHz)	2/22/2025	20.0	7.350	73.500	79.300	-7.31%	2.110	21.100	22.400	-5.80%	
				5700	35.07	35.42	-0.99%	4.98	5.16	-3.48%													
				5850	34.73	35.30	-1.61%	5.28	5.32	-0.71%													

Liquid Check										System Check										
SAR Lab	Date	Tissue Type	Band (MHz)	Freq. (MHz)	Relative Permittivity (εr)			Conductivity (σ)			Date	Dipole Type & Serial Number	Dipole Cal. Due Date	Input Power (dBm)	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Measured	Target	Delta	Measured	Target	Delta					Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	
SAR 10	7/10/2024	Head	5250	5250	34.58	35.93	-3.77%	4.47	4.70	-4.89%	7/10/2024	D5GHzV2 SN: 1003 (5.25 GHz)	2/22/2025	20.0	7.310	73.100	80.300	-8.97%	2.130	21.300	22.900	-6.99%	41
				5150	34.57	36.05	-4.10%	4.31	4.60	-6.37%													
				5350	34.19	35.82	-4.55%	4.47	4.80	-6.90%													
SAR 10	7/10/2024	Head	5750	5750	33.51	35.36	-5.24%	4.95	5.21	-5.06%	7/10/2024	D5GHzV2 SN: 1003 (5.75 GHz)	2/22/2025	20.0	7.310	73.100	79.300	-7.82%	2.100	21.000	22.400	-6.25%	
				5700	33.64	35.42	-5.02%	4.85	5.16	-6.07%													
				5850	33.38	35.30	-5.44%	5.12	5.32	-3.80%													
SAR 10	7/15/2024	Head	5250	5250	35.90	35.93	-0.09%	4.75	4.70	1.02%	7/15/2024	D5GHzV2 SN: 1003 (5.25 GHz)	2/22/2025	20.0	8.030	80.300	80.300	0.00%	2.330	23.300	22.900	1.75%	
				5150	35.93	36.05	-0.33%	4.59	4.60	-0.21%													
				5350	35.42	35.82	-1.11%	4.77	4.80	-0.72%													
SAR 10	7/15/2024	Head	5750	5750	34.58	35.36	-2.21%	5.28	5.21	1.27%	7/15/2024	D5GHzV2 SN: 1003 (5.75 GHz)	2/22/2025	20.0	8.090	80.900	79.300	2.02%	2.330	23.300	22.400	4.02%	
				5700	34.78	35.42	-1.81%	5.19	5.16	0.53%													
				5850	34.41	35.30	-2.52%	5.48	5.32	3.01%													
SAR 10	7/19/2024	Head	5250	5250	34.54	35.93	-3.88%	4.61	4.70	-1.90%	7/19/2024	D5GHzV2 SN: 1003 (5.25 GHz)	2/22/2025	20.0	7.810	78.100	80.300	-2.74%	2.250	22.500	22.900	-1.75%	
				5150	34.58	36.05	-4.07%	4.46	4.60	-3.10%													
				5350	34.11	35.82	-4.77%	4.63	4.80	-3.61%													
SAR 10	7/19/2024	Head	5750	5750	33.32	35.36	-5.78%	5.15	5.21	-1.32%	7/19/2024	D5GHzV2 SN: 1138 (5.75 GHz)	2/3/2025	20.0	7.600	76.000	78.300	-2.94%	2.180	21.800	22.200	-1.80%	
				5700	33.50	35.42	-5.42%	5.04	5.16	-2.39%													
				5850	33.17	35.30	-6.03%	5.32	5.32	0.00%													
SAR 10	7/23/2024	Head	5250	5250	34.32	35.93	-4.49%	4.53	4.70	-3.60%	7/23/2024	D5GHzV2 SN: 1138 (5.25 GHz)	2/3/2025	20.0	7.510	75.100	79.500	-5.53%	2.180	21.800	22.600	-3.54%	
				5150	34.33	36.05	-4.76%	4.38	4.60	-4.78%													
				5350	33.92	35.82	-5.30%	4.56	4.80	-5.17%													
SAR 10	7/23/2024	Head	5750	5750	33.17	35.36	-6.20%	5.05	5.21	-3.12%	7/23/2024	D5GHzV2 SN: 1138 (5.75 GHz)	2/3/2025	20.0	7.170	71.700	78.300	-8.43%	2.070	20.700	22.200	-6.76%	42
				5700	33.31	35.42	-5.96%	4.96	5.16	-3.94%													
				5850	32.95	35.30	-6.66%	5.25	5.32	-1.35%													

Liquid Check											System Check											
SAR Lab	Date	Tissue Type	Band (MHz)	Freq. (MHz)	Relative Permittivity (cr)			Conductivity (σ)			Date	Dipole Type & Serial Number	Dipole Cal. Due Date	Input Power (dBm)	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Measured	Target	Delta	Measured	Target	Delta					Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	
				1640	39.23	40.25	-2.54%	1.24	1.31	-5.43%													
SAR 12	6/27/2024	Head	1640	1610	39.31	40.30	-2.46%	1.22	1.29	-5.35%	6/27/2024	D1640V2 SN: 324	6/13/2025	20.0	3.250	32.500	33.900	-4.13%	1.810	18.100	18.300	-1.09%	
				1665	39.19	40.22	-2.55%	1.25	1.32	-5.60%													
				1750	39.11	40.08	-2.43%	1.29	1.37	-5.70%													
SAR 12	6/27/2024	Head	1750	1695	39.17	40.17	-2.49%	1.26	1.34	-5.83%	6/27/2024	D1750V2 SN: 1053	10/13/2024	20.0	3.500	35.000	36.600	-4.37%	1.890	18.900	19.300	-2.07%	
				1755	39.11	40.08	-2.41%	1.29	1.37	-5.67%													
				2450	38.19	39.20	-2.58%	1.73	1.80	-4.11%													
SAR 12	6/27/2024	Head	2450	2400	38.26	39.30	-2.64%	1.69	1.75	-3.58%	6/27/2024	D2450V2 SN: 748	2/8/2025	20.0	4.880	48.800	51.700	-5.61%	2.320	23.200	24.200	-4.13%	43
				2500	38.12	39.14	-2.60%	1.76	1.85	-4.91%													
				1640	42.39	40.25	5.31%	1.26	1.31	-3.90%													
SAR 12	6/30/2024	Head	1640	1610	42.47	40.30	5.38%	1.24	1.29	-3.95%	6/30/2024	D1640V2 SN: 324	6/13/2025	20.0	3.370	33.700	33.900	-0.59%	1.890	18.900	18.300	3.28%	
				1665	42.34	40.22	5.28%	1.27	1.32	-4.17%													
				1750	42.22	40.08	5.33%	1.32	1.37	-3.87%													
SAR 12	6/30/2024	Head	1750	1695	42.29	40.17	5.28%	1.28	1.34	-4.03%	6/30/2024	D1750V2 SN: 1053	10/13/2024	20.0	3.380	33.800	36.600	-7.65%	1.840	18.400	19.300	-4.66%	
				1780	42.22	40.04	5.45%	1.34	1.39	-3.31%													
				2450	41.13	39.20	4.92%	1.81	1.80	0.39%													
SAR 12	6/30/2024	Head	2450	2400	41.21	39.30	4.87%	1.77	1.75	0.88%	6/30/2024	D2450V2 SN: 748	2/8/2025	20.0	5.260	52.600	51.700	1.74%	2.510	25.100	24.200	3.72%	
				2500	41.05	39.14	4.89%	1.85	1.85	-0.38%													
				1640	37.95	40.25	-5.72%	1.25	1.31	-4.66%													
SAR 12	7/4/2024	Head	1640	1610	38.01	40.30	-5.68%	1.23	1.29	-4.65%	7/4/2024	D1640V2 SN: 324	6/13/2025	20.0	3.470	34.700	33.900	2.36%	1.940	19.400	18.300	6.01%	
				1665	37.91	40.22	-5.73%	1.26	1.32	-4.77%													
				1750	37.74	40.08	-5.85%	1.31	1.37	-4.53%													
SAR 12	7/4/2024	Head	1750	1695	37.85	40.17	-5.77%	1.27	1.34	-4.78%	7/4/2024	D1750V2 SN: 1053	10/13/2024	20.0	3.440	34.400	36.600	-6.01%	1.860	18.600	19.300	-3.63%	
				1780	37.67	40.04	-5.92%	1.32	1.39	-4.54%													
				2450	36.55	39.20	-6.76%	1.73	1.80	-3.83%													
SAR 12	7/4/2024	Head	2450	2400	36.64	39.30	-6.76%	1.70	1.75	-3.06%	7/4/2024	D2450V2 SN: 748	2/8/2025	20.0	5.080	50.800	51.700	-1.74%	2.420	24.200	24.200	0.00%	
				2500	36.45	39.14	-6.87%	1.77	1.85	-4.80%													
				1640	41.54	40.25	3.20%	1.30	1.31	-0.38%													
SAR 12	7/7/2024	Head	1640	1610	41.64	40.30	3.33%	1.28	1.29	-0.62%	7/7/2024	D1640V2 SN: 324	6/13/2025	20.0	3.530	35.300	33.900	4.13%	1.990	19.900	18.300	8.74%	44
				1665	41.46	40.22	3.09%	1.32	1.32	-0.46%													
				1750	41.28	40.08	2.98%	1.36	1.37	-0.66%													
SAR 12	7/7/2024	Head	1750	1695	41.37	40.17	2.99%	1.33	1.34	-0.52%	7/7/2024	D1750V2 SN: 1053	10/13/2024	20.0	3.480	34.800	36.600	-4.92%	1.890	18.900	19.300	-2.07%	
				1780	41.25	40.04	3.03%	1.38	1.39	-0.57%													
				2450	39.92	39.20	1.84%	1.85	1.80	3.00%													
SAR 12	7/7/2024	Head	2450	2400	40.02	39.30	1.84%	1.82	1.75	3.67%	7/7/2024	D2450V2 SN: 748	2/8/2025	20.0	5.440	54.400	51.700	5.22%	2.590	25.900	24.200	7.02%	
				2500	39.82	39.14	1.75%	1.89	1.85	2.10%													
				3500	40.63	37.93	7.12%	2.68	2.91	-7.99%													
SAR 12	7/10/2024	Head	3500	3400	40.79	38.04	7.22%	2.59	2.81	-7.73%	7/10/2024	D3500V2 SN: 1011	4/17/2025	20.0	5.960	59.600	65.600	-9.15%	2.350	23.500	24.700	-4.86%	45
				3700	40.32	37.70	6.95%	2.87	3.12	-8.06%													
				3900	40.02	37.47	6.80%	3.06	3.32	-7.86%													
SAR 12	7/10/2024	Head	3900	3800	40.17	37.59	6.87%	2.96	3.22	-7.97%	7/10/2024	D3900V2 SN: 1102	10/24/2024	20.0	6.280	62.800	69.300	-9.38%	2.260	22.600	24.100	-6.22%	46
				4000	39.88	37.36	6.75%	3.16	3.42	-7.69%													
				1640	40.30	40.25	0.11%	1.27	1.31	-2.60%													
SAR 12	7/11/2024	Head	1640	1610	40.35	40.30	0.12%	1.26	1.29	-2.48%	7/11/2024	D1640V2 SN: 324	6/13/2025	20.0	3.360	33.600	33.900	-0.88%	1.870	18.700	18.300	2.19%	
				1665	40.25	40.22	0.09%	1.29	1.32	-2.65%													
				3500	40.37	37.93	6.43%	2.75	2.91	-5.48%													
SAR 12	7/14/2024	Head	3500	3400	40.54	38.04	6.56%	2.66	2.81	-5.21%	7/14/2024	D3500V2 SN: 1011	4/17/2025	20.0	6.060	60.600	65.600	-7.62%	2.350	23.500	24.700	-4.86%	
				3700	40.06	37.70	6.26%	2.94	3.12	-5.69%													
				3900	39.76	37.47	6.10%	3.14	3.32	-5.42%													
SAR 12	7/14/2024	Head	3900	3800	39.91	37.59	6.18%	3.04	3.22	-5.61%	7/14/2024	D3900V2 SN: 1102	10/24/2024	20.0	6.380	63.800	69.300	-7.94%	2.260	22.600	24.100	-6.22%	
				4000	39.62	37.36	6.05%	3.24	3.42	-5.23%													
				1640	40.21	40.25	-0.11%	1.25	1.31	-4.74%													
SAR 12	7/15/2024	Head	1640	1610	40.25	40.30	-0.12%	1.23	1.29	-4.73%	7/15/2024	D1640V2 SN: 324	6/13/2025	20.0	3.310	33.100	33.900	-2.36%	1.850	18.500	18.300	1.09%	
				1665	40.26	40.22	0.11%	1.26	1.32	-4.85%													
				1750	39.00	40.08	-2.71%	1.29	1.37	-5.70%													
SAR 12	7/17/2024	Head	1750	1695	39.11	40.17	-2.64%	1.26	1.34	-5.83%	7/17/2024	D1750V2 SN: 1053	10/13/2024	20.0	3.400	34.000	36.600	-7.10%	1.840	18.400	19.300	-4.66%	
				1780	38.99	40.04	-2.62%	1.29	1.39	-6.70%													
				3500	40.39	37.93	6.49%	2.74	2.91	-5.79%													
SAR 12	7/17/2024	Head	3500	3400	40.56	38.04	6.61%	2.65	2.81	-5.63%	7/17/2024	D3500V2 SN: 1011	4/17/2025	20.0	6.270	62.700	65.600	-4.42%	2.470	24.700	24.700	0.00%	
				3700	40.07	37.70	6.28%	2.93	3.12	-5.94%													
				3900	39.75	37.47	6.08%	3.13	3.32	-5.66%													
SAR 12	7/17/2024	Head	3900	3800	39.91	37.59	6.18%	3.03	3.22	-5.83%	7/17/2024	D3900V2 SN: 1102	10/24/2024	20.0	6.700	67.000	69.300	-3.32%	2.410	24.100	24.100	0.00%	
				4000	39.60	37.36	6.00%	3.24	3.42	-5.38%													
				3500	37.91	37.93	-0.05%	2.79	2.91	-4.31%													
SAR 12	7/21/2024	Head	3500	3400	38.12	38.04	0.20%	2.69	2.81	-4.17%	7/21/2024	D3500V2 SN: 1011	4/17/2025	20.0	6.530	65.300	65.600	-0.46%	2.550	25.500	24.700	3.24%	
				3700	37.51	37.70	-0.51%	2.98	3.12	-4.37%													
				3900	37.14	37.47	-0.89%	3.19	3.32	-4.03%													
SAR 12	7/21/2024	Head	3900	3800	37.32	37.59	-0.71%	3.08	3.22	-4.21%	7/21/2024	D3900V2 SN: 1102	10/24/2024	20.0	6.800	68.000	69.300	-1.88%	2.440	24.400	24.100	1.24%	
				4000	36.96	37.36	-1.07%	3.29	3.42	-3.83%													
				1750	40.23	40.08	0.36%	1.30	1.37	-4.97%													
SAR 12	7/23/2024	Head	1750	1695	40.32	40.17	0.38%	1.27	1.34	-5.08%	7/23/2024	D1750V2 SN: 1053	10/13/2024	20.0	3.310	33.100	36.600	-9.56%	1.800	18.000	19.300	-6.74%	47
				1780	40.19	40.04	0.38%	1.32	1.39	-4.90%													
				1640	40.44	40.25	0.46%	1.24	1.31	-5.20%													
SAR 12	7/24/2024	Head	1640	1610	40.51	40.30	0.52%	1.22	1.29	-5.35%	7/24/2024	D1640V2 SN: 324	6/13/2025	20.0	3.250	32.500	33.900	-4.13%	1.820	18.200	18.300	-0.55%	
				1665	40.38	40.22	0.41%	1.25	1.32	-5.23%													

Liquid Check											System Check											
SAR Lab	Date	Tissue Type	Band (MHz)	Freq. (MHz)	Relative Permittivity (cr)			Conductivity (σ)			Date	Dipole Type & Serial Number	Dipole Cal. Due Date	Input Power (dBm)	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Measured	Target	Delta	Measured	Target	Delta					Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	
				1750	40.00	40.08	-0.21%	1.30	1.37	-5.04%													
SAR 13	6/27/2024	Head	1750	1695	40.10	40.17	-0.17%	1.27	1.34	-5.08%	6/27/2024	D1750V2 SN: 1053	10/13/2024	15.0	1.070	33.836	36.600	-7.55%	0.574	18.151	19.300	-5.95%	
				1780	40.00	40.04	-0.10%	1.31	1.39	-5.48%													
				1900	39.77	40.00	-0.57%	1.39	1.40	-0.71%													
SAR 13	6/27/2024	Head	1900	1850	39.85	40.00	-0.37%	1.36	1.40	-2.86%	6/27/2024	D1900V2 SN: 5d140	4/14/2025	15.0	1.270	40.161	39.400	1.93%	0.662	20.934	20.600	1.62%	
				1920	39.75	40.00	-0.63%	1.40	1.40	0.00%													
				1750	40.47	40.08	0.96%	1.28	1.37	-6.21%													
SAR 13	6/30/2024	Head	1750	1695	40.53	40.17	0.90%	1.25	1.34	-6.35%	6/30/2024	D1750V2 SN: 1053	10/13/2024	20.0	3.480	34.800	36.600	-4.92%	1.880	18.800	19.300	-2.59%	
				1780	40.43	40.04	0.98%	1.30	1.39	-5.91%													
				1900	40.18	40.00	0.45%	1.37	1.40	-2.07%													
SAR 13	6/30/2024	Head	1900	1850	40.26	40.00	0.65%	1.35	1.40	-3.79%	6/30/2024	D1900V2 SN: 5d140	4/14/2025	20.0	3.940	39.400	39.400	0.00%	2.080	20.800	20.600	0.97%	
				1920	40.16	40.00	0.40%	1.38	1.40	-1.29%													
				1750	38.21	40.08	-4.68%	1.31	1.37	-4.67%													
SAR 13	7/4/2024	Head	1750	1695	38.31	40.17	-4.63%	1.27	1.34	-4.85%	7/4/2024	D1750V2 SN: 1053	10/13/2024	20.0	3.580	35.800	36.600	-2.19%	1.930	19.300	19.300	0.00%	
				1780	38.14	40.04	-4.74%	1.32	1.39	-4.68%													
				1900	37.88	40.00	-5.30%	1.38	1.40	-1.14%													
SAR 13	7/4/2024	Head	1900	1850	37.98	40.00	-5.05%	1.36	1.40	-2.93%	7/4/2024	D1900V2 SN: 5d140	4/14/2025	20.0	4.040	40.400	39.400	2.54%	2.130	21.300	20.600	3.40%	
				1920	37.84	40.00	-5.40%	1.39	1.40	-0.43%													
				1750	39.45	40.08	-1.58%	1.32	1.37	-3.58%													
SAR 13	7/7/2024	Head	1750	1695	39.54	40.17	-1.57%	1.29	1.34	-3.43%	7/7/2024	D1750V2 SN: 1053	10/13/2024	20.0	3.590	35.900	36.600	-1.91%	1.950	19.500	19.300	1.04%	
				1780	39.41	40.04	-1.57%	1.34	1.39	-3.46%													
				1900	39.16	40.00	-2.10%	1.42	1.40	1.21%													
SAR 13	7/7/2024	Head	1900	1850	39.28	40.00	-1.80%	1.39	1.40	-1.00%	7/7/2024	D1900V2 SN: 5d140	4/14/2025	20.0	4.160	41.600	39.400	5.58%	2.200	22.000	20.600	6.80%	48
				1920	39.11	40.00	-2.23%	1.43	1.40	2.07%													
				2600	40.06	39.01	2.69%	1.85	1.96	-5.51%													
SAR 13	7/10/2024	Head	2600	2495	40.19	39.14	2.67%	1.77	1.85	-4.15%	7/10/2024	D2600V2 SN: 1006	10/13/2024	20.0	5.270	52.700	56.100	-6.06%	2.420	24.200	25.400	-4.72%	49
				2690	39.92	38.90	2.63%	1.93	2.06	-6.33%													
				2600	39.49	39.01	1.23%	1.85	1.96	-5.67%													
SAR 13	7/14/2024	Head	2600	2495	39.61	39.14	1.19%	1.77	1.85	-4.47%	7/14/2024	D2600V2 SN: 1006	10/13/2024	20.0	5.340	53.400	56.100	-4.81%	2.420	24.200	25.400	-4.72%	
				2690	39.35	38.90	1.16%	1.93	2.06	-6.24%													
				1900	39.05	40.00	-2.38%	1.37	1.40	-2.14%													
SAR 13	7/16/2024	Head	1900	1850	39.14	40.00	-2.15%	1.34	1.40	-4.29%	7/17/2024	D1900V2 SN: 5d140	4/14/2025	20.0	4.080	40.800	39.400	3.55%	2.140	21.400	20.600	3.88%	
				1920	39.00	40.00	-2.50%	1.38	1.40	-1.43%													
				1750	41.84	40.08	4.38%	1.29	1.37	-5.77%													
SAR 13	7/18/2024	Head	1750	1695	41.92	40.17	4.36%	1.26	1.34	-5.83%	7/18/2024	D1750V2 SN: 1053	10/13/2024	20.0	3.440	34.400	36.600	-6.01%	1.840	18.400	19.300	-4.66%	
				1780	41.83	40.04	4.47%	1.29	1.39	-6.92%													
				1750	40.89	40.08	2.01%	1.28	1.37	-6.50%													
SAR 13	7/21/2024	Head	1750	1695	40.96	40.17	1.97%	1.25	1.34	-6.57%	7/21/2024	D1750V2 SN: 1053	10/13/2024	20.0	3.300	33.000	36.600	-9.84%	1.760	17.600	19.300	-8.81%	50
				1780	40.85	40.04	2.03%	1.29	1.39	-6.92%													
				1900	40.65	40.00	1.63%	1.36	1.40	-2.86%													
SAR 13	7/21/2024	Head	1900	1850	40.72	40.00	1.80%	1.34	1.40	-4.29%	7/21/2024	D1900V2 SN: 5d140	4/14/2025	20.0	3.850	38.500	39.400	-2.28%	2.010	20.100	20.600	-2.43%	
				1920	40.63	40.00	1.58%	1.37	1.40	-2.14%													
				1750	40.08	40.08	-0.01%	1.28	1.37	-6.86%													
SAR 13	7/24/2024	Head	1750	1695	40.15	40.17	-0.05%	1.25	1.34	-6.57%	7/24/2024	D1750V2 SN: 1053	10/13/2024	20.0	3.450	34.500	36.600	-5.74%	1.860	18.600	19.300	-3.63%	
				1780	40.08	40.04	0.10%	1.29	1.39	-6.85%													
				1900	39.91	40.00	-0.23%	1.37	1.40	-2.50%													
SAR 13	7/24/2024	Head	1900	1850	40.00	40.00	0.00%	1.33	1.40	-4.71%	7/24/2024	D1900V2 SN: 5d140	4/14/2025	20.0	3.990	39.900	39.400	1.27%	2.100	21.000	20.600	1.94%	
				1920	39.86	40.00	-0.35%	1.38	1.40	-1.71%													

Liquid Check											System Check											
SAR Lab	Date	Tissue Type	Band (MHz)	Freq. (MHz)	Relative Permittivity (cr)			Conductivity (σ)			Date	Dipole Type & Serial Number	Dipole Cal. Due Date	Input Power (dBm)	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Measured	Target	Delta	Measured	Target	Delta					Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	
				750	41.82	41.96	-0.34%	0.89	0.89	-0.06%													
SAR 14	6/27/2024	Head	750	660	42.13	42.42	-0.69%	0.86	0.89	-2.92%	6/27/2024	D750V3 SN: 1019	4/13/2025	20.0	0.885	8.850	8.510	4.00%	0.581	5.810	5.590	3.94%	
				800	41.65	41.71	-0.13%	0.91	0.90	1.40%													
				835	41.55	41.50	0.12%	0.92	0.90	2.30%													
SAR 14	6/27/2024	Head	835	805	41.64	41.68	-0.09%	0.91	0.90	1.54%	6/27/2024	D835V2 SN: 4d117	5/11/2025	20.0	1.000	10.000	9.660	3.52%	0.652	6.520	6.270	3.99%	
				850	41.51	41.50	0.02%	0.93	0.92	1.17%													
				750	42.87	41.96	2.16%	0.88	0.89	-0.93%													
SAR 14	6/30/2024	Head	750	660	43.19	42.42	1.81%	0.85	0.89	-3.87%	6/30/2024	D750V3 SN: 1019	4/13/2025	20.0	0.883	8.830	8.510	3.76%	0.585	5.850	5.590	4.65%	
				800	42.71	41.71	2.41%	0.90	0.90	0.83%													
				835	42.64	41.50	2.75%	0.92	0.90	2.01%													
SAR 14	6/30/2024	Head	835	805	42.71	41.68	2.47%	0.91	0.90	1.02%	6/30/2024	D835V2 SN: 4d117	5/11/2025	20.0	0.976	9.760	9.660	1.04%	0.641	6.410	6.270	2.23%	
				850	42.59	41.50	2.63%	0.92	0.92	0.97%													
				750	42.66	41.96	1.66%	0.92	0.89	3.09%													
SAR 14	7/4/2024	Head	750	660	43.04	42.42	1.45%	0.89	0.89	0.10%	7/4/2024	D750V3 SN: 1019	4/13/2025	20.0	0.901	9.010	8.510	5.88%	0.593	5.930	5.590	6.08%	
				800	42.49	41.71	1.88%	0.94	0.90	4.91%													
				835	42.37	41.50	2.10%	0.96	0.90	6.11%													
SAR 14	7/4/2024	Head	835	805	42.47	41.68	1.90%	0.94	0.90	5.11%	7/4/2024	D835V2 SN: 4d117	5/11/2025	20.0	1.040	10.400	9.660	7.66%	0.675	6.750	6.270	7.66%	
				850	42.32	41.50	1.98%	0.96	0.92	5.02%													
				750	42.04	41.96	0.19%	0.91	0.89	1.42%													
SAR 14	7/7/2024	Head	750	660	42.37	42.42	-0.13%	0.87	0.89	-1.98%	7/7/2024	D750V3 SN: 1019	4/13/2025	20.0	0.910	9.100	8.510	6.93%	0.602	6.020	5.590	7.69%	51
				800	41.83	41.71	0.30%	0.93	0.90	3.42%													
				835	41.75	41.50	0.60%	0.94	0.90	4.70%													
SAR 14	7/7/2024	Head	835	805	41.83	41.68	0.36%	0.93	0.90	3.61%	7/7/2024	D835V2 SN: 4d117	5/11/2025	20.0	1.040	10.400	9.660	7.66%	0.682	6.820	6.270	8.77%	52
				850	41.69	41.50	0.46%	0.95	0.92	3.70%													
				750	40.19	41.96	-4.22%	0.92	0.89	2.85%													
SAR 14	7/10/2024	Head	750	660	40.53	42.42	-4.46%	0.89	0.89	0.05%	7/10/2024	D750V3 SN: 1019	4/13/2025	20.0	0.900	9.000	8.510	5.76%	0.594	5.940	5.590	6.26%	
				800	39.95	41.71	-4.21%	0.94	0.90	4.38%													
				1750	37.96	40.08	-5.30%	1.36	1.37	-0.44%													
SAR 14	7/10/2024	Head	1750	1695	38.05	40.17	-5.28%	1.34	1.34	-0.15%	7/10/2024	D1750V2 SN: 1053	10/13/2024	20.0	3.550	35.500	36.600	-3.01%	1.890	18.900	19.300	-2.07%	53
				1780	37.93	40.04	-5.27%	1.38	1.39	-0.50%													
				835	38.75	41.50	-6.63%	0.91	0.90	1.11%													
SAR 14	7/11/2024	Head	835	805	38.81	41.68	-6.88%	0.90	0.90	0.30%	7/11/2024	D835V2 SN: 4d117	5/11/2025	20.0	1.020	10.200	9.660	5.59%	0.669	6.690	6.270	6.70%	
				850	38.71	41.50	-6.72%	0.92	0.92	0.55%													
				750	39.81	41.96	-5.13%	0.88	0.89	-1.23%													
SAR 14	7/14/2024	Head	750	660	40.14	42.42	-5.38%	0.85	0.89	-4.08%	7/14/2024	D750V3 SN: 1019	4/13/2025	20.0	0.874	8.740	8.510	2.70%	0.578	5.780	5.590	3.40%	
				800	39.61	41.71	-5.02%	0.90	0.90	0.32%													
				835	39.51	41.50	-4.80%	0.91	0.90	1.33%													
SAR 14	7/14/2024	Head	835	805	39.60	41.68	-4.99%	0.90	0.90	0.48%	7/14/2024	D835V2 SN: 4d117	5/11/2025	20.0	1.000	10.000	9.660	3.52%	0.658	6.580	6.270	4.94%	
				850	39.47	41.50	-4.89%	0.92	0.92	0.24%													
				750	40.11	41.96	-4.41%	0.91	0.89	2.24%													
SAR 14	7/17/2024	Head	750	660	40.40	42.42	-4.77%	0.88	0.89	-0.76%	7/17/2024	D750V3 SN: 1019	4/13/2025	20.0	0.904	9.040	8.510	6.23%	0.598	5.980	5.590	6.98%	
				800	39.95	41.71	-4.21%	0.93	0.90	3.39%													
				835	39.89	41.50	-3.88%	0.94	0.90	4.62%													
SAR 14	7/17/2024	Head	835	805	39.95	41.68	-4.15%	0.93	0.90	3.53%	7/17/2024	D835V2 SN: 4d117	5/11/2025	20.0	1.020	10.200	9.660	5.59%	0.669	6.690	6.270	6.70%	
				850	39.83	41.50	-4.02%	0.95	0.92	3.72%													
				750	40.21	41.96	-4.17%	0.89	0.89	-0.34%													
SAR 14	7/21/2024	Head	750	660	40.50	42.42	-4.53%	0.86	0.89	-3.13%	7/21/2024	D750V3 SN: 1019	4/13/2025	20.0	0.900	9.000	8.510	5.76%	0.594	5.940	5.590	6.26%	
				800	40.04	41.71	-3.99%	0.91	0.90	1.08%													
				835	39.98	41.50	-3.66%	0.92	0.90	2.11%													
SAR 14	7/21/2024	Head	835	805	40.03	41.68	-3.96%	0.91	0.90	1.23%	7/21/2024	D835V2 SN: 4d117	5/11/2025	20.0	1.020	10.200	9.660	5.59%	0.668	6.680	6.270	6.54%	
				850	39.93	41.50	-3.78%	0.92	0.92	1.07%													
				750	39.99	41.96	-4.70%	0.91	0.89	2.21%													
SAR 14	7/24/2024	Head	750	660	40.34	42.42	-4.91%	0.88	0.89	-0.59%	7/24/2024	D750V3 SN: 1019	4/13/2025	20.0	0.816	8.160	8.510	-4.11%	0.545	5.450	5.590	-2.50%	
				800	39.78	41.71	-4.62%	0.93	0.90	3.71%													
				835	39.70	41.50	-4.34%	0.94	0.90	4.62%													
SAR 14	7/24/2024	Head	835	805	39.77	41.68	-4.58%	0.93	0.90	3.86%	7/24/2024	D835V2 SN: 4d117	5/11/2025	20.0	1.010	10.100	9.660	4.55%	0.671	6.710	6.270	7.02%	
				850	39.66	41.50	-4.43%	0.95	0.92	3.46%													

Liquid Check											System Check											
SAR Lab	Date	Tissue Type	Band (MHz)	Freq. (MHz)	Relative Permittivity (cr)			Conductivity (σ)			Date	Dipole Type & Serial Number	Dipole Cal. Due Date	Input Power (dBm)	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Measured	Target	Delta	Measured	Target	Delta					Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	
				750	40.89	41.96	-2.55%	0.86	0.89	-3.70%													
SAR 15	6/28/2024	Head	750	660	41.16	42.42	-2.98%	0.83	0.89	-6.34%	6/28/2024	D750V3 SN: 1019	4/13/2025	15.0	0.254	8.032	8.510	-5.61%	0.172	5.439	5.590	-2.70%	54
				800	40.70	41.71	-2.41%	0.87	0.90	-3.00%													
				835	40.72	41.50	-1.88%	0.89	0.90	-1.11%													
SAR 15	6/28/2024	Head	835	805	40.71	41.68	-2.33%	0.88	0.90	-1.93%	6/28/2024	D835V2 SN: 4d117	5/11/2025	15.0	0.306	9.677	9.660	0.17%	0.205	6.483	6.270	3.39%	
				850	40.67	41.50	-2.00%	0.89	0.92	-2.73%													
				750	43.18	41.96	2.90%	0.91	0.89	1.38%													
SAR 15	7/2/2024	Head	750	660	43.49	42.42	2.51%	0.88	0.89	-1.13%	7/2/2024	D750V3 SN: 1019	4/13/2025	20.0	0.875	8.750	8.510	2.82%	0.593	5.930	5.590	6.08%	
				800	43.04	41.71	3.20%	0.92	0.90	2.51%													
				835	43.00	41.50	3.61%	0.93	0.90	3.67%													
SAR 15	7/2/2024	Head	835	805	43.04	41.68	3.26%	0.92	0.90	2.66%	7/2/2024	D835V2 SN: 4d117	5/11/2025	20.0	1.010	10.100	9.660	4.55%	0.680	6.800	6.270	8.45%	55
				850	42.94	41.50	3.47%	0.94	0.92	2.58%													
				750	42.95	41.96	2.36%	0.90	0.89	0.65%													
SAR 15	7/6/2024	Head	750	660	43.25	42.42	1.95%	0.87	0.89	-2.01%	7/6/2024	D750V3 SN: 1019	4/13/2025	20.0	0.848	8.480	8.510	-0.35%	0.573	5.730	5.590	2.50%	
				800	42.74	41.71	2.48%	0.92	0.90	2.17%													
				835	42.67	41.50	2.82%	0.93	0.90	2.91%													
SAR 15	7/6/2024	Head	835	805	42.73	41.68	2.52%	0.92	0.90	2.28%	7/6/2024	D835V2 SN: 4d117	5/11/2025	20.0	0.978	9.780	9.660	1.24%	0.657	6.570	6.270	4.78%	
				850	42.64	41.50	2.75%	0.93	0.92	1.78%													
				1750	41.36	40.08	3.18%	1.28	1.37	-6.50%													
SAR 15	7/9/2024	Head	1750	1695	41.47	40.17	3.24%	1.26	1.34	-6.05%	7/9/2024	D1750V2 SN: 1053	10/13/2024	20.0	3.490	34.900	36.600	-4.64%	1.920	19.200	19.300	-0.52%	56
				1780	41.32	40.04	3.20%	1.29	1.39	-6.92%													
				1900	41.44	40.00	3.60%	1.35	1.40	-3.29%													
SAR 15	7/9/2024	Head	1900	1850	41.45	40.00	3.63%	1.32	1.40	-5.79%	7/9/2024	D1900V2 SN: 5d140	4/14/2025	20.0	4.050	40.500	39.400	2.79%	2.170	21.700	20.600	5.34%	57
				1920	41.40	40.00	3.50%	1.37	1.40	-2.29%													
				2300	41.72	39.47	5.69%	1.76	1.66	5.73%													
SAR 15	7/12/2024	Head	2300	2350	41.61	39.38	5.65%	1.80	1.71	5.17%	7/12/2024	D2300V2 SN: 1058	10/13/2024	20.0	4.730	47.300	48.500	-2.47%	2.270	22.700	23.600	-3.81%	
				2400	41.54	39.30	5.71%	1.83	1.75	4.53%													
				2600	41.21	39.01	5.64%	1.99	1.96	1.37%													
SAR 15	7/12/2024	Head	2600	2495	41.39	39.14	5.74%	1.90	1.85	2.94%	7/12/2024	D2600V2 SN: 1006	10/13/2024	20.0	5.170	51.700	56.100	-7.84%	2.340	23.400	25.400	-7.87%	58
				2690	41.08	38.90	5.61%	2.06	2.06	0.22%													
				2300	41.75	39.47	5.77%	1.70	1.66	2.36%													
SAR 15	7/16/2024	Head	2300	2350	41.66	39.38	5.78%	1.74	1.71	2.07%	7/16/2024	D2300V2 SN: 1058	10/13/2024	20.0	4.620	46.200	48.500	-4.74%	2.220	22.200	23.600	-5.93%	
				2400	41.57	39.30	5.78%	1.79	1.75	1.90%													
				2600	41.20	39.01	5.61%	1.95	1.96	-0.67%													
SAR 15	7/16/2024	Head	2600	2495	41.37	39.14	5.69%	1.86	1.85	0.56%	7/16/2024	D2600V2 SN: 1036	4/11/2025	20.0	5.150	51.500	55.400	-7.04%	2.330	23.300	24.900	-6.43%	
				2690	41.03	38.90	5.48%	2.03	2.06	-1.62%													
				2300	41.77	39.47	5.82%	1.62	1.66	-2.81%													
SAR 15	7/18/2024	Head	2300	2350	41.67	39.38	5.80%	1.65	1.71	-3.26%	7/18/2024	D2300V2 SN: 1058	10/13/2024	20.0	4.510	45.100	48.500	-7.01%	2.230	22.300	23.600	-5.51%	59
				2400	41.59	39.30	5.84%	1.69	1.75	-3.69%													
				2600	41.28	39.01	5.82%	1.84	1.96	-6.28%													
SAR 15	7/18/2024	Head	2600	2495	41.43	39.14	5.84%	1.76	1.85	-5.01%	7/18/2024	D2600V2 SN: 1036	4/11/2025	20.0	5.010	50.100	55.400	-9.57%	2.330	23.300	24.900	-6.43%	60
				2690	41.13	38.90	5.74%	1.91	2.06	-7.06%													
				2300	40.73	39.47	3.19%	1.58	1.66	-4.91%													
SAR 15	7/21/2024	Head	2300	2350	40.64	39.38	3.19%	1.62	1.71	-5.14%	7/21/2024	D2300V2 SN: 1058	10/13/2024	20.0	4.690	46.900	48.500	-3.30%	2.310	23.100	23.600	-2.12%	
				2400	40.52	39.30	3.11%	1.66	1.75	-5.52%													
				2600	40.60	39.01	4.07%	1.86	1.96	-5.46%													
SAR 15	7/21/2024	Head	2600	2495	40.73	39.14	4.05%	1.77	1.85	-4.52%	7/21/2024	D2600V2 SN: 1036	4/11/2025	20.0	5.400	54.000	55.400	-2.53%	2.510	25.100	24.900	0.80%	
				2690	40.44	38.90	3.97%	1.94	2.06	-5.90%													
				2300	40.77	39.47	3.29%	1.59	1.66	-4.25%													
SAR 15	7/24/2024	Head	2300	2350	40.71	39.38	3.37%	1.62	1.71	-4.90%	7/24/2024	D2300V2 SN: 1002	4/11/2025	20.0	4.630	46.300	48.700	-4.93%	2.290	22.900	23.800	-3.78%	61
				2400	40.63	39.30	3.39%	1.66	1.75	-5.40%													
				2600	41.38	39.01	6.07%	1.84	1.96	-6.02%													
SAR 15	7/24/2024	Head	2600	2495	41.54	39.14	6.12%	1.76	1.85	-4.85%	7/24/2024	D2600V2 SN: 1036	4/11/2025	20.0	5.350	53.500	55.400	-3.43%	2.480	24.800	24.900	-0.40%	
				2690	41.24	38.90	6.02%	1.92	2.06	-6.97%													

Liquid Check											System Check											
SAR Lab	Date	Tissue Type	Band (MHz)	Freq. (MHz)	Relative Permittivity (εr)			Conductivity (σ)			Date	Dipole Type & Serial Number	Dipole Cal. Due Date	Input Power (dBm)	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Measured	Target	Delta	Measured	Target	Delta					Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	
SAR 16	6/28/2024	Head	2450	2450	38.49	39.20	-1.81%	1.78	1.80	-1.11%	6/28/2024	D2450V2 SN: 748	2/8/2025	15.0	1.660	52.494	51.700	1.54%	0.770	24.350	24.200	0.62%	
				2400	38.58	39.30	-1.82%	1.74	1.75	-0.44%													
				2500	38.41	39.14	-1.86%	1.82	1.85	-2.05%													
SAR 16	6/30/2024	Head	2450	2450	37.26	39.20	-4.95%	1.84	1.80	2.17%	6/30/2024	D2450V2 SN: 748	2/8/2025	20.0	5.350	53.500	51.700	3.48%	2.480	24.800	24.200	2.48%	
				2400	37.34	39.30	-4.98%	1.80	1.75	2.87%													
				2500	37.18	39.14	-5.00%	1.88	1.85	1.24%													
SAR 16	7/6/2024	Head	2450	2450	37.89	39.20	-3.34%	1.86	1.80	3.33%	7/6/2024	D2450V2 SN: 748	2/8/2025	20.0	5.160	51.600	51.700	-0.19%	2.390	23.900	24.200	-1.24%	
				2400	38.00	39.30	-3.30%	1.82	1.75	4.02%													
				2500	37.80	39.14	-3.42%	1.89	1.85	2.05%													
SAR 16	7/11/2024	Head	2300	2300	38.18	39.47	-3.27%	1.72	1.66	3.08%	7/11/2024	D2300V2 SN: 1002	4/11/2025	20.0	5.320	53.200	48.700	9.24%	2.540	25.400	23.800	6.72%	62
				2350	38.06	39.38	-3.36%	1.75	1.71	2.42%													
				2400	38.00	39.30	-3.30%	1.78	1.75	1.73%													
SAR 16	7/11/2024	Head	2600	2600	37.68	39.01	-3.41%	1.93	1.96	-1.54%	7/11/2024	D2600V2 SN: 1036	4/11/2025	20.0	5.950	59.500	55.400	7.40%	2.670	26.700	24.900	7.23%	63
				2495	37.86	39.14	-3.28%	1.85	1.85	0.07%													
				2690	37.55	38.90	-3.46%	2.00	2.06	-2.74%													
SAR 16	7/14/2024	Head	2450	2450	38.60	39.20	-1.53%	1.81	1.80	0.28%	7/14/2024	D2450V2 SN: 748	2/8/2025	20.0	5.080	50.800	51.700	-1.74%	2.360	23.600	24.200	-2.48%	
				2400	38.69	39.30	-1.54%	1.77	1.75	0.88%													
				2500	38.51	39.14	-1.60%	1.84	1.85	-0.70%													
SAR 16	7/18/2024	Head	2450	2450	36.55	39.20	-6.76%	1.79	1.80	-0.67%	7/18/2024	D2450V2 SN: 748	2/8/2025	20.0	5.480	54.800	51.700	6.00%	2.540	25.400	24.200	4.96%	64
				2400	36.64	39.30	-6.76%	1.75	1.75	0.08%													
				2500	36.46	39.14	-6.84%	1.82	1.85	-1.62%													
SAR 16	7/21/2024	Head	2450	2450	41.46	39.20	5.77%	1.87	1.80	3.89%	7/21/2024	D2450V2 SN: 748	2/8/2025	20.0	5.450	54.500	51.700	5.42%	2.520	25.200	24.200	4.13%	
				2400	41.57	39.30	5.78%	1.84	1.75	4.76%													
				2500	41.38	39.14	5.73%	1.91	1.85	2.75%													

Liquid Check											System Check											
SAR Lab	Date	Tissue Type	Band (MHz)	Freq. (MHz)	Relative Permittivity (cr)			Conductivity (σ)			Date	Dipole Type & Serial Number	Dipole Cal. Due Date	Input Power (dBm)	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Measured	Target	Delta	Measured	Target	Delta					Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	
				750	40.09	41.96	-4.46%	0.91	0.89	1.60%													
SAR 17	6/27/2024	Head	750	660	40.40	42.42	-4.77%	0.88	0.89	-1.17%	6/27/2024	D750V3 SN: 1019	4/13/2025	20.0	0.876	8.760	8.510	2.94%	0.573	5.730	5.590	2.50%	
				800	39.94	41.71	-4.23%	0.91	0.90	1.17%													
				835	39.83	41.50	-4.02%	0.93	0.90	3.88%													
SAR 17	6/27/2024	Head	835	805	39.93	41.68	-4.20%	0.93	0.90	3.16%	6/27/2024	D835V2 SN: 4d117	5/11/2025	20.0	1.030	10.300	9.660	6.63%	0.670	6.700	6.270	6.86%	
				850	39.79	41.50	-4.12%	0.94	0.92	2.72%													
				750	39.90	41.96	-4.91%	0.91	0.89	1.70%													
SAR 17	6/30/2024	Head	750	660	40.23	42.42	-5.17%	0.88	0.89	-1.09%	6/30/2024	D750V3 SN: 1019	4/13/2025	20.0	0.895	8.950	8.510	5.17%	0.586	5.860	5.590	4.83%	65
				800	39.73	41.71	-4.74%	0.93	0.90	3.39%													
				835	39.67	41.50	-4.41%	0.94	0.90	4.89%													
SAR 17	6/30/2024	Head	835	805	39.73	41.68	-4.68%	0.93	0.90	3.55%	6/30/2024	D835V2 SN: 4d117	5/11/2025	20.0	1.060	10.600	9.660	9.73%	0.689	6.890	6.270	9.89%	66
				850	39.62	41.50	-4.53%	0.96	0.92	4.59%													
				750	40.48	41.96	-3.53%	0.93	0.89	4.43%													
SAR 17	7/3/2024	Head	750	660	40.72	42.42	-4.01%	0.90	0.89	1.69%	7/3/2024	D750V3 SN: 1071	11/7/2024	20.0	0.913	9.130	8.490	7.54%	0.596	5.960	5.570	7.00%	
				800	40.28	41.71	-3.42%	0.95	0.90	5.92%													
				835	40.22	41.50	-3.08%	0.96	0.90	6.87%													
SAR 17	7/3/2024	Head	835	805	40.28	41.68	-3.36%	0.95	0.90	6.06%	7/3/2024	D835V2 SN: 4D117	5/11/2025	20.0	1.050	10.500	9.660	8.70%	0.682	6.820	6.270	8.77%	
				850	40.17	41.50	-3.20%	0.97	0.92	5.67%													
				1900	38.19	40.00	-4.53%	1.43	1.40	2.00%													
SAR 17	7/3/2024	Head	1900	1850	38.31	40.00	-4.22%	1.40	1.40	0.21%	7/3/2024	D1900V2 SN: 5d140	4/14/2025	20.0	4.120	41.200	39.400	4.57%	2.130	21.300	20.600	3.40%	
				1920	38.16	40.00	-4.60%	1.44	1.40	2.71%													
				750	43.35	41.96	3.31%	0.91	0.89	1.78%													
SAR 17	7/7/2024	Head	750	660	43.71	42.42	3.03%	0.87	0.89	-1.51%	7/7/2024	D750V3 SN: 1071	11/7/2024	20.0	0.890	8.900	8.490	4.83%	0.585	5.850	5.570	5.03%	
				800	43.17	41.71	3.51%	0.93	0.90	3.71%													
				835	43.06	41.50	3.76%	0.94	0.90	4.99%													
SAR 17	7/7/2024	Head	835	805	43.16	41.68	3.55%	0.93	0.90	3.91%	7/7/2024	D835V2 SN: 4D117	5/11/2025	20.0	1.040	10.400	9.660	7.66%	0.677	6.770	6.270	7.97%	
				850	43.00	41.50	3.61%	0.95	0.92	3.96%													
				1900	41.17	40.00	2.93%	1.46	1.40	4.57%													
SAR 17	7/7/2024	Head	1900	1850	41.29	40.00	3.23%	1.43	1.40	2.29%	7/7/2024	D1900V2 SN: 5d140	4/14/2025	20.0	4.160	41.600	39.400	5.58%	2.160	21.600	20.600	4.85%	
				1920	41.12	40.00	2.80%	1.48	1.40	5.43%													
				750	39.87	41.96	-4.98%	0.93	0.89	3.99%													
SAR 17	7/11/2024	Head	750	660	40.19	42.42	-5.26%	0.89	0.89	0.94%	7/11/2024	D750V3 SN: 1071	11/7/2024	20.0	0.926	9.260	8.490	9.07%	0.609	6.090	5.570	9.34%	67
				800	39.64	41.71	-4.95%	0.95	0.90	5.46%													
				835	39.65	41.50	-4.46%	0.96	0.90	6.17%													
SAR 17	7/11/2024	Head	835	805	39.65	41.68	-4.87%	0.95	0.90	5.55%	7/11/2024	D835V2 SN: 4D117	5/11/2025	20.0	1.050	10.500	9.660	8.70%	0.684	6.840	6.270	9.09%	
				850	39.61	41.50	-4.55%	0.96	0.92	5.11%													
				1900	37.44	40.00	-6.40%	1.45	1.40	3.64%													
SAR 17	7/11/2024	Head	1900	1850	37.51	40.00	-6.23%	1.42	1.40	1.57%	7/11/2024	D1900V2 SN: 5d140	4/14/2025	20.0	4.170	41.700	39.400	5.84%	2.170	21.700	20.600	5.34%	
				1920	37.41	40.00	-6.48%	1.46	1.40	4.50%													
				1750	40.39	40.08	0.76%	1.37	1.37	-0.14%													
SAR 17	7/14/2024	Head	1750	1695	40.45	40.17	0.70%	1.34	1.34	-0.15%	7/14/2024	D1750V2 SN: 1053	10/13/2024	20.0	3.590	35.900	36.600	-1.91%	1.900	19.000	19.300	-1.55%	68
				1780	40.34	40.04	0.75%	1.39	1.39	-0.06%													
				1900	40.09	40.00	0.23%	1.45	1.40	3.86%													
SAR 17	7/14/2024	Head	1900	1850	40.20	40.00	0.50%	1.43	1.40	1.93%	7/14/2024	D1900V2 SN: 5d140	4/14/2025	20.0	4.080	40.800	39.400	3.55%	2.120	21.200	20.600	2.91%	
				1920	40.05	40.00	0.12%	1.46	1.40	4.57%													
				1750	37.74	40.08	-5.85%	1.33	1.37	-2.55%													
SAR 17	7/17/2024	Head	1750	1695	37.81	40.17	-5.87%	1.31	1.34	-2.16%	7/17/2024	D1750V2 SN: 1053	10/13/2024	20.0	3.650	36.500	36.600	-0.27%	1.930	19.300	19.300	0.00%	
				1780	37.37	40.04	-6.66%	1.35	1.39	-2.66%													
				1900	37.55	40.00	-6.13%	1.42	1.40	1.57%													
SAR 17	7/17/2024	Head	1900	1850	37.65	40.00	-5.88%	1.39	1.40	-0.43%	7/17/2024	D1900V2 SN: 5d140	4/14/2025	20.0	4.280	42.800	39.400	8.63%	2.220	22.200	20.600	7.77%	69
				1920	37.51	40.00	-6.23%	1.43	1.40	2.36%													
				2600	36.51	39.01	-6.41%	1.89	1.96	-3.73%													
SAR 17	7/17/2024	Head	2600	2495	36.66	39.14	-6.34%	1.81	1.85	-2.36%	7/17/2024	D2600V2 SN: 1036	4/11/2025	20.0	5.700	57.000	55.400	2.89%	2.580	25.800	24.900	3.61%	70
				2690	36.33	38.90	-6.60%	1.96	2.06	-4.78%													
				1750	41.48	40.08	3.48%	1.38	1.37	0.81%													
SAR 17	7/21/2024	Head	1750	1695	41.61	40.17	3.59%	1.35	1.34	0.98%	7/21/2024	D1750V2 SN: 1053	10/13/2024	20.0	3.610	36.100	36.600	-1.37%	1.920	19.200	19.300	-0.52%	
				1780	41.47	40.04	3.58%	1.38	1.39	-0.21%													
				1900	41.30	40.00	3.25%	1.47	1.40	4.79%													
SAR 17	7/21/2024	Head	1900	1850	41.35	40.00	3.38%	1.43	1.40	2.36%	7/21/2024	D1900V2 SN: 5d140	4/14/2025	20.0	4.230	42.300	39.400	7.36%	2.190	21.900	20.600	6.31%	
				1920	41.24	40.00	3.10%	1.48	1.40	5.79%													
				2600	40.20	39.01	3.05%	1.96	1.96	0.04%													
SAR 17	7/21/2024	Head	2600	2495	40.32	39.14	3.01%	1.88	1.85	1.48%	7/21/2024	D2600V2 SN: 1036	4/11/2025	20.0	5.600	56.000	55.400	1.08%	2.520	25.200	24.900	1.20%	
				2690	40.03	38.90	2.91%	2.04	2.06	-0.80%													
				1750	37.75	40.08	-5.82%	1.39	1.37	1.17%													
SAR 17	7/24/2024	Head	1750	1695	37.84	40.17	-5.80%	1.36	1.34	1.50%	7/24/2024	D1750V2 SN: 1053	10/13/2024	20.0	3.660	36.600	36.600	0.00%	1.940	19.400	19.300	0.52%	
				1780	37.72	40.04	-5.79%	1.40	1.39	0.95%													
				1900	37.58	40.00	-6.05%	1.47	1.40	4.64%													
SAR 17	7/24/2024	Head	1900	1850	37.64	40.00	-5.90%	1.44	1.40	2.64%	7/24/2024	D1900V2 SN: 5d140	4/14/2025	20.0	4.160	41.600	39.400	5.58%	2.160	21.600	20.600	4.85%	
				1920	37.55	40.00	-6.13%	1.48	1.40	5.36%													

Liquid Check											System Check											
SAR Lab	Date	Tissue Type	Band (MHz)	Freq. (MHz)	Relative Permittivity (εr)			Conductivity (σ)			Date	Dipole Type & Serial Number	Dipole Cal. Due Date	Input Power (dBm)	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Measured	Target	Delta	Measured	Target	Delta					Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	
SAR 18	6/27/2024	Head	1750	1750	42.00	40.08	4.78%	1.35	1.37	-1.39%	6/27/2024	D1750V2 SN: 1053	10/13/2024	15.0	1.130	35.734	36.600	-2.37%	0.603	19.069	19.300	-1.20%	
				1695	42.06	40.17	4.71%	1.32	1.34	-1.34%													
				1780	41.97	40.04	4.82%	1.37	1.39	-1.15%													
SAR 18	6/27/2024	Head	1900	1900	41.76	40.00	4.40%	1.44	1.40	2.86%	6/27/2024	D1900V2 SN: 5d140	4/14/2025	15.0	1.350	42.691	39.400	8.35%	0.700	22.136	20.600	7.46%	
				1850	41.84	40.00	4.60%	1.41	1.40	0.71%													
				1920	41.74	40.00	4.35%	1.46	1.40	4.29%													
SAR 18	6/27/2024	Head	2450	2450	41.05	39.20	4.72%	1.82	1.80	1.11%	6/27/2024	D2450V2 SN: 748	2/8/2025	20.0	5.430	54.300	51.700	5.03%	2.530	25.300	24.200	4.55%	
				2400	41.13	39.30	4.67%	1.78	1.75	1.62%													
				2500	40.96	39.14	4.66%	1.86	1.85	0.32%													
SAR 18	6/30/2024	Head	1750	1750	41.45	40.08	3.41%	1.30	1.37	-5.18%	6/30/2024	D1750V2 SN: 1053	10/13/2024	20.0	3.700	37.000	36.600	1.09%	2.000	20.000	19.300	3.63%	
				1695	41.51	40.17	3.34%	1.27	1.34	-5.30%													
				1780	41.44	40.04	3.50%	1.30	1.39	-6.13%													
SAR 18	6/30/2024	Head	1900	1900	41.16	40.00	2.90%	1.38	1.40	-1.21%	6/30/2024	D1900V2 SN: 5d140	4/14/2025	20.0	4.150	41.500	39.400	5.33%	2.200	22.000	20.600	6.80%	
				1850	41.24	40.00	3.10%	1.36	1.40	-2.93%													
				1920	41.14	40.00	2.85%	1.39	1.40	-0.50%													
SAR 18	6/30/2024	Head	2450	2450	40.42	39.20	3.11%	1.77	1.80	-1.78%	6/30/2024	D2450V2 SN: 748	2/8/2025	20.0	5.340	53.400	51.700	3.29%	2.540	25.400	24.200	4.96%	
				2400	40.49	39.30	3.04%	1.73	1.75	-1.24%													
				2500	40.34	39.14	3.07%	1.81	1.85	-2.48%													
SAR 18	7/4/2024	Head	1750	1750	40.16	40.08	0.19%	1.38	1.37	1.02%	7/4/2024	D1750V2 SN: 1053	10/13/2024	20.0	3.780	37.800	36.600	3.28%	2.010	20.100	19.300	4.15%	
				1695	40.22	40.17	0.13%	1.35	1.34	0.90%													
				1780	40.10	40.04	0.15%	1.40	1.39	1.09%													
SAR 18	7/4/2024	Head	1900	1900	39.84	40.00	-0.40%	1.48	1.40	5.50%	7/4/2024	D1900V2 SN: 5d140	4/14/2025	20.0	4.290	42.900	39.400	8.88%	2.220	22.200	20.600	7.77%	
				1850	39.92	40.00	-0.20%	1.44	1.40	3.00%													
				1920	39.81	40.00	-0.47%	1.48	1.40	5.50%													
SAR 18	7/4/2024	Head	2450	2450	39.00	39.20	-0.51%	1.84	1.80	2.17%	7/4/2024	D2450V2 SN: 748	2/8/2025	20.0	5.460	54.600	51.700	5.61%	2.550	25.500	24.200	5.37%	
				2400	39.08	39.30	-0.55%	1.80	1.75	2.93%													
				2500	38.90	39.14	-0.61%	1.88	1.85	1.24%													
SAR 18	7/7/2024	Head	1750	1750	39.86	40.08	-0.56%	1.35	1.37	-1.53%	7/7/2024	D1750V2 SN: 1053	10/13/2024	20.0	3.860	38.600	36.600	5.46%	2.090	20.900	19.300	8.29%	71
				1695	39.94	40.17	-0.57%	1.32	1.34	-1.27%													
				1780	39.82	40.04	-0.55%	1.37	1.39	-1.44%													
SAR 18	7/7/2024	Head	1900	1900	39.58	40.00	-1.05%	1.44	1.40	3.00%	7/7/2024	D1900V2 SN: 5d140	4/14/2025	20.0	4.240	42.400	39.400	7.61%	2.230	22.300	20.600	8.25%	
				1850	39.70	40.00	-0.75%	1.41	1.40	0.86%													
				1920	39.53	40.00	-1.18%	1.45	1.40	3.86%													
SAR 18	7/7/2024	Head	2450	2450	38.56	39.20	-1.63%	1.81	1.80	0.67%	7/7/2024	D2450V2 SN: 748	2/8/2025	20.0	5.560	55.600	51.700	7.54%	2.640	26.400	24.200	9.09%	72
				2400	38.66	39.30	-1.62%	1.78	1.75	1.39%													
				2500	38.47	39.14	-1.70%	1.85	1.85	-0.33%													
SAR 18	7/11/2024	Head	1750	1750	41.24	40.08	2.88%	1.39	1.37	1.24%	7/11/2024	D1750V2 SN: 1053	10/13/2024	20.0	3.710	37.100	36.600	1.37%	1.980	19.800	19.300	2.59%	
				1695	41.36	40.17	2.96%	1.36	1.34	1.42%													
				1780	41.19	40.04	2.88%	1.40	1.39	0.95%													
SAR 18	7/11/2024	Head	1900	1900	41.05	40.00	2.62%	1.47	1.40	5.00%	7/11/2024	D1900V2 SN: 5d140	4/14/2025	20.0	4.320	43.200	39.400	9.64%	2.230	22.300	20.600	8.25%	
				1850	41.12	40.00	2.80%	1.44	1.40	2.86%													
				1920	41.02	40.00	2.55%	1.48	1.40	5.86%													
SAR 18	7/11/2024	Head	2450	2450	40.23	39.20	2.63%	1.84	1.80	1.94%	7/11/2024	D2450V2 SN: 748	2/8/2025	20.0	5.450	54.500	51.700	5.42%	2.540	25.400	24.200	4.96%	
				2400	40.31	39.30	2.58%	1.80	1.75	2.70%													
				2500	40.15	39.14	2.59%	1.87	1.85	0.97%													
SAR 18	7/11/2024	Head	3500	3500	38.48	37.93	1.45%	2.69	2.91	-7.68%	7/12/2024	D3500V2 SN: 1060	2/7/2025	20.0	6.170	61.700	65.700	-6.09%	2.410	24.100	24.900	-3.21%	73
				3400	38.65	38.04	1.59%	2.61	2.81	-7.24%													
				3700	38.17	37.70	1.24%	2.86	3.12	-8.29%													
SAR 18	7/11/2024	Head	3900	3900	37.89	37.47	1.11%	3.04	3.32	-8.40%	7/12/2024	D3900V2 SN: 1102	10/24/2024	20.0	6.960	69.600	69.300	0.43%	2.510	25.100	24.100	4.15%	
				3800	38.03	37.59	1.18%	2.95	3.22	-8.44%													
				4000	37.76	37.36	1.07%	3.14	3.42	-8.36%													
SAR 18	7/14/2024	Head	3500	3500	39.44	37.93	3.98%	2.80	2.91	-3.73%	7/14/2024	D3500V2 SN: 1060	2/7/2025	20.0	6.930	69.300	65.700	5.48%	2.710	27.100	24.900	8.84%	
				3400	39.63	38.04	4.17%	2.71	2.81	-3.68%													
				3700	39.06	37.70	3.60%	3.01	3.12	-3.44%													
SAR 18	7/14/2024	Head	3900	3900	38.68	37.47	3.22%	3.22	3.32	-2.92%	7/14/2024	D3900V2 SN: 1102	10/24/2024	20.0	7.190	71.900	69.300	3.75%	2.590	25.900	24.100	7.47%	74
				3800	38.86	37.59	3.39%	3.12	3.22	-3.22%													
				4000	38.50	37.36	3.05%	3.33	3.42	-2.66%													
SAR 18	7/17/2024	Head	1750	1750	42.03	40.08	4.85%	1.39	1.37	1.24%	7/17/2024	D1750V2 SN: 1053	10/13/2024	20.0	3.770	37.700	36.600	3.01%	2.000	20.000	19.300	3.63%	
				1695	42.09	40.17	4.78%	1.36	1.34	1.57%													
				1780	42.03	40.04	4.97%	1.39	1.39	0.15%													
SAR 18	7/17/2024	Head	1900	1900	41.84	40.00	4.60%	1.48	1.40	5.79%	7/17/2024	D1900V2 SN: 5d140	4/14/2025	20.0	4.320	43.200	39.400	9.64%	2.240	22.400	20.600	8.74%	75
				1850	41.93	40.00	4.83%	1.45	1.40	3.64%													
				1920	41.81	40.00	4.53%	1.49	1.40	6.64%													
SAR 18	7/17/2024	Head	2450	2450	40.97	39.20	4.52%	1.87	1.80	3.72%	7/17/2024	D2450V2 SN: 748	2/8/2025	20.0	5.510	55.100	51.700	6.58%	2.570	25.700	24.200	6.20%	
				2400	41.05	39.30	4.46%	1.83	1.75	4.47%													
				2500	40.89	39.14	4.48%	1.90	1.85	2.69%													
SAR 18	7/21/2024	Head	1750	1750	41.56	40.08	3.68%	1.30	1.37	-4.97%	7/21/2024	D1750V2 SN: 1053	10/13/2024	20.0	3.650	36.500	36.600	-0.27%	1.970	19.700	19.300	2.07%	
				1695	41.69	40.17	3.79%	1.27	1.34	-4.93%													
				1780	41.55	40.04	3.78%	1.30	1.39	-5.98%													
SAR 18	7/21/2024	Head	1900	1900	41.38	40.00	3.45%	1.39	1.40	-1.00%	7/21/2024	D1900V2 SN: 5d140	4/14/2025	20.0	4.190	41.900	39.400	6.35%	2.210	22.100	20.600	7.28%	
				1850	41.44	40.00	3.60%	1.35	1.40	-3.43%													
				1920	41.33	40.00	3.33%	1.40	1.40	0.00%													
SAR 18	7/21/2024	Head	2450	2450	40.50	39.20	3.32%	1.76	1.80	-2.50%	7/21/2024	D2450V2 SN: 748	2/8/2025	20.0	5.330	53.300	51.700	3.09%	2.530	25.300	24.200	4.55%	
				2400	40.60	39.30	3.32%	1.72	1.75	-1.69%													
				2500	40.43	39.14	3.30%	1.79	1.85	-3.56%													
SAR 18	7/24/2024	Head	1750	1750	38.89	40.08	-2.98%	1.28	1.37	-6.79%	7/24/2024	D1750V2 SN: 1053	10/13/2024	20.0	3.560	35.600	36.600	-2.73%	1.930	19.300	19.300	0.00%	
				1695	38.98	40.17	-2.96%	1.25	1.34	-6.57%													
				1780	38.86	40.04	-2.94%	1.29	1.39	-6.85%													
SAR 18	7/24/2024	Head	1900	1900	38.72	40.00	-3.20%	1.36	1.40	-3.14%	7/24/2024	D1900V2 SN: 5d140	4/14/2025	20.0	4.210	42.100	39.400	6.85%	2.200	22.000	20.600	6.80%	
				1850	38.78	40.00	-3.05%	1.33	1.40	-5.14%													
				1920	38.70	40.00	-3.25%	1.37	1.40	-2.36%													
SAR 18	7/24/2024	Head	2450	2450	37.98	39.20	-3.11%	1.70	1.80	-5.78%	7/24/2024	D2450V2 SN: 748	2/8/2025	20.0	5.320	53.200	51.700	2.90%	2.520	25.200	24.200	4.13%	
				2400	38.03	39.30	-3.22%	1.66	1.75	-5.18%													
				2500	37.90	39.14	-3.16%	1.73	1.85	-6.64%													

Liquid Check											System Check											
SAR Lab	Date	Tissue Type	Band (MHz)	Freq. (MHz)	Relative Permittivity (cr)			Conductivity (σ)			Date	Dipole Type & Serial Number	Dipole Cal. Due Date	Input Power (dBm)	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Measured	Target	Delta	Measured	Target	Delta					Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	
				1750	38.72	40.08	-3.40%	1.37	1.37	0.22%													
SAR 19	6/27/2024	Head	1750	1695	38.78	40.17	-3.46%	1.34	1.34	0.45%	6/27/2024	D1750V2 SN: 1053	10/13/2024	20.0	3.730	37.300	36.600	1.91%	1.980	19.800	19.300	2.59%	
				1780	38.72	40.04	-3.29%	1.38	1.39	-0.79%													
				1900	38.46	40.00	-3.85%	1.46	1.40	4.36%													
SAR 19	6/27/2024	Head	1900	1850	38.57	40.00	-3.58%	1.43	1.40	2.43%	6/27/2024	D1900V2 SN: 5d140	4/14/2025	20.0	3.920	39.200	39.400	-0.51%	2.020	20.200	20.600	-1.94%	
				1920	38.43	40.00	-3.93%	1.47	1.40	5.14%													
				1750	37.88	40.08	-5.50%	1.35	1.37	-1.39%													
SAR 19	6/30/2024	Head	1750	1695	37.94	40.17	-5.55%	1.32	1.34	-1.34%	6/30/2024	D1750V2 SN: 1053	10/13/2024	20.0	3.510	35.100	36.600	-4.10%	1.860	18.600	19.300	-3.63%	
				1780	37.83	40.04	-5.52%	1.37	1.39	-1.29%													
				1900	37.58	40.00	-6.05%	1.43	1.40	2.21%													
SAR 19	6/30/2024	Head	1900	1850	37.66	40.00	-5.85%	1.41	1.40	0.57%	6/30/2024	D1900V2 SN: 5d140	4/14/2025	20.0	3.990	39.900	39.400	1.27%	2.080	20.800	20.600	0.97%	
				1920	37.56	40.00	-6.10%	1.44	1.40	2.93%													
				1750	37.85	40.08	-5.57%	1.36	1.37	-0.44%													
SAR 19	7/4/2024	Head	1750	1695	37.97	40.17	-5.47%	1.33	1.34	-0.59%	7/4/2024	D1750V2 SN: 1053	10/13/2024	20.0	3.690	36.900	36.600	0.82%	1.970	19.700	19.300	2.07%	
				1780	37.79	40.04	-5.62%	1.38	1.39	-0.50%													
				1900	37.53	40.00	-6.18%	1.44	1.40	3.07%													
SAR 19	7/4/2024	Head	1900	1850	37.63	40.00	-5.92%	1.42	1.40	1.21%	7/4/2024	D1900V2 SN: 5d140	4/14/2025	20.0	4.030	40.300	39.400	2.28%	2.100	21.000	20.600	1.94%	
				1920	37.49	40.00	-6.27%	1.45	1.40	3.79%													
				1750	38.26	40.08	-4.55%	1.37	1.37	0.37%													
SAR 19	7/7/2024	Head	1750	1695	38.34	40.17	-4.55%	1.35	1.34	0.68%	7/7/2024	D1750V2 SN: 1053	10/13/2024	20.0	3.510	35.100	36.600	-4.10%	1.890	18.900	19.300	-2.07%	
				1780	38.25	40.04	-4.47%	1.38	1.39	-0.64%													
				1900	37.98	40.00	-5.05%	1.47	1.40	4.79%													
SAR 19	7/7/2024	Head	1900	1850	38.10	40.00	-4.75%	1.44	1.40	2.64%	7/7/2024	D1900V2 SN: 5d140	4/14/2025	20.0	3.910	39.100	39.400	-0.76%	2.050	20.500	20.600	-0.49%	
				1920	37.93	40.00	-5.18%	1.48	1.40	5.64%													
				2300	37.12	39.47	-5.96%	1.62	1.66	-2.57%													
SAR 19	7/10/2024	Head	2300	2350	37.04	39.38	-5.95%	1.66	1.71	-3.09%	7/10/2024	D2300V2 SN: 1058	10/13/2024	20.0	4.550	45.500	48.500	-6.19%	2.200	22.000	23.600	-6.78%	76
				2400	36.96	39.30	-5.95%	1.69	1.75	-3.58%													
				1750	37.82	40.08	-5.65%	1.30	1.37	-4.82%													
SAR 19	7/10/2024	Head	1750	1695	37.94	40.17	-5.55%	1.27	1.34	-4.78%	7/13/2024	D1750V2 SN: 1053	10/13/2024	20.0	3.460	34.600	36.600	-5.46%	1.840	18.400	19.300	-4.66%	
				1780	37.77	40.04	-5.67%	1.32	1.39	-5.04%													
				1750	39.54	40.08	-1.36%	1.34	1.37	-2.41%													
SAR 19	7/14/2024	Head	1750	1695	39.60	40.17	-1.42%	1.31	1.34	-2.39%	7/14/2024	D1750V2 SN: 1053	10/13/2024	20.0	3.400	34.000	36.600	-7.10%	1.810	18.100	19.300	-6.22%	
				1780	39.50	40.04	-1.34%	1.35	1.39	-2.30%													
				1900	39.25	40.00	-1.87%	1.42	1.40	1.50%													
SAR 19	7/14/2024	Head	1900	1850	39.35	40.00	-1.63%	1.40	1.40	-0.36%	7/14/2024	D1900V2 SN: 5d140	4/14/2025	20.0	3.820	38.200	39.400	-3.05%	1.980	19.800	20.600	-3.88%	77
				1920	39.21	40.00	-1.98%	1.43	1.40	2.21%													
				1750	37.99	40.08	-5.23%	1.34	1.37	-1.90%													
SAR 19	7/18/2024	Head	1750	1695	38.05	40.17	-5.28%	1.32	1.34	-1.57%	7/18/2024	D1750V2 SN: 1053	10/13/2024	20.0	3.520	35.200	36.600	-3.83%	1.880	18.800	19.300	-2.59%	
				1780	37.97	40.04	-5.17%	1.36	1.39	-1.94%													
				1900	37.73	40.00	-5.68%	1.43	1.40	2.14%													
SAR 19	7/18/2024	Head	1900	1850	37.85	40.00	-5.38%	1.40	1.40	0.21%	7/18/2024	D1900V2 SN: 5d140	4/14/2025	20.0	3.920	39.200	39.400	-0.51%	2.040	20.400	20.600	-0.97%	
				1920	37.69	40.00	-5.78%	1.44	1.40	2.86%													
				1750	42.02	40.08	4.83%	1.36	1.37	-0.36%													
SAR 19	7/21/2024	Head	1750	1695	42.15	40.17	4.93%	1.34	1.34	-0.22%	7/21/2024	D1750V2 SN: 1053	10/13/2024	20.0	3.560	35.600	36.600	-2.73%	1.900	19.000	19.300	-1.55%	
				1780	42.01	40.04	4.92%	1.37	1.39	-1.36%													
				1900	41.84	40.00	4.60%	1.45	1.40	3.64%													
SAR 19	7/21/2024	Head	1900	1850	41.90	40.00	4.75%	1.42	1.40	1.21%	7/21/2024	D1900V2 SN: 5d140	4/14/2025	20.0	4.000	40.000	39.400	1.52%	2.080	20.800	20.600	0.97%	
				1920	41.79	40.00	4.48%	1.47	1.40	4.64%													
				1750	38.51	40.08	-3.93%	1.35	1.37	-1.68%													
SAR 19	7/24/2024	Head	1750	1695	38.61	40.17	-3.88%	1.32	1.34	-1.49%	7/24/2024	D1750V2 SN: 1053	10/13/2024	20.0	3.390	33.900	36.600	-7.38%	1.810	18.100	19.300	-6.22%	78
				1780	38.48	40.04	-3.89%	1.36	1.39	-1.87%													
				1900	38.34	40.00	-4.15%	1.43	1.40	2.00%													
SAR 19	7/24/2024	Head	1900	1850	38.40	40.00	-4.00%	1.40	1.40	-0.07%	7/24/2024	D1900V2 SN: 5d140	4/14/2025	20.0	3.860	38.600	39.400	-2.03%	2.020	20.200	20.600	-1.94%	
				1920	38.32	40.00	-4.20%	1.44	1.40	2.79%													

Liquid Check										System Check																					
					Relative Permittivity (εr)			Conductivity (σ)						Measured results for 1-g SAR				Measured results for 8-g SAR				Measured results for 10-g SAR				Measured results for APD 4 cm²				
SAR Lab	Date	Tissue Type	Band (MHz)	Freq. (MHz)	Measured	Target	Delta	Measured	Target	Delta	Date	Dipole Type & Serial Number	Dipole Cal. Due Date	Input Power (dBm)	Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Plot No.
SAR 2	6/28/2024	Head	6500	6500	32.73	34.50	-5.12%	6.02	6.07	-0.77%	6/28/2024	D6.5GHzV2 SN: 1032	1/12/2025	16.0	12.100	303.938	300.000	1.31%	2.710	68.072	67.400	1.00%	2.230	56.015	55.200	1.48%	54.200	1361.442	1340.000	1.60%	
				5900	33.85	35.20	-3.84%	5.25	5.38	-2.36%																					
				7200	31.58	33.70	-6.29%	6.79	6.89	-1.42%																					
SAR 2	7/2/2024	Head	6500	6500	33.76	34.50	-2.14%	5.95	6.07	-1.93%	7/2/2024	D6.5GHzV2 SN: 1032	1/12/2025	19.0	23.400	294.589	300.000	-1.80%	5.280	66.471	67.400	-1.38%	4.330	54.511	55.200	-1.25%	106.000	1334.461	1340.000	-0.41%	
				5900	34.86	35.20	-0.97%	5.19	5.38	-3.55%																					
				7200	32.52	33.70	-3.50%	6.72	6.89	-2.51%																					
SAR 2	7/6/2024	Head	6500	6500	32.58	34.50	-5.57%	5.84	6.07	-3.77%	7/6/2024	D6.5GHzV2 SN: 1032	1/12/2025	19.0	23.000	289.553	300.000	-3.48%	5.160	64.961	67.400	-3.62%	4.230	53.253	55.200	-3.53%	103.000	1296.693	1340.000	-3.23%	79
				5900	33.64	35.20	-4.43%	5.12	5.38	-4.91%																					
				7200	31.50	33.70	-6.53%	6.55	6.89	-5.01%																					
SAR 2	7/10/2024	head	6500	6500	33.72	34.50	-2.26%	5.91	6.07	-2.64%	7/10/2024	D6.5GHzV2 SN: 1033	3/15/2025	15.0	9.820	310.536	288.000	7.82%	2.250	71.151	64.700	9.97%	1.840	58.186	53.100	9.58%	44.900	1419.863	1300.000	9.22%	80
				5900	34.83	35.20	-1.05%	5.19	5.38	-3.53%																					
				7200	32.64	33.70	-3.15%	6.61	6.89	-4.06%																					
SAR 2	7/15/2024	Head	6500	6500	33.49	34.50	-2.93%	6.01	6.07	-0.94%	7/15/2024	D6.5GHzV2 SN: 1033	3/15/2025	20.0	29.600	296.000	288.000	2.78%	6.580	65.800	64.700	1.70%	5.390	53.900	53.100	1.51%	132.000	1320.000	1300.000	1.54%	
				5900	34.63	35.20	-1.62%	5.32	5.38	-1.21%																					
				7200	32.29	33.70	-4.18%	6.75	6.89	-2.00%																					
SAR 2	7/19/2024	Head	6500	6500	32.89	34.50	-4.67%	6.39	6.07	5.19%	7/19/2024	D6.5GHzV2 SN: 1033	3/15/2025	20.0	30.900	309.000	288.000	7.29%	6.930	69.300	64.700	7.11%	5.690	56.900	53.100	7.16%	139.000	1390.000	1300.000	6.92%	
				5900	34.17	35.20	-2.93%	5.60	5.38	4.00%																					
				7200	31.46	33.70	-6.65%	7.16	6.89	3.92%																					
SAR 2	7/23/2024	Head	6500	6500	33.15	34.50	-3.91%	5.92	6.07	-2.54%	7/23/2024	D6.5GHzV2 SN: 1033	3/15/2025	20.0	29.900	299.000	288.000	3.82%	6.720	67.200	64.700	3.86%	5.510	55.100	53.100	3.77%	134.000	1340.000	1300.000	3.08%	
				5900	34.27	35.20	-2.64%	5.17	5.38	-3.85%																					
				7200	32.11	33.70	-4.72%	6.63	6.89	-3.73%																					
SAR 2	7/29/2024	Head	6500	6500	32.88	34.50	-4.70%	5.91	6.07	-2.57%	7/29/2024	D6.5GHzV2 SN: 1033	3/15/2025	19.0	23.200	292.071	288.000	1.41%	5.180	65.212	64.700	0.79%	4.250	53.504	53.100	0.76%	104.000	1309.282	1300.000	0.71%	
				5900	33.96	35.20	-3.52%	5.16	5.38	-4.09%																					
				7200	31.72	33.70	-5.88%	6.63	6.89	-3.76%																					

Liquid Check										System Check																					
					Relative Permittivity (εr)			Conductivity (σ)						Measured results for 1-g SAR				Measured results for 8-g SAR				Measured results for 10-g SAR				Measured results for APD 4 cm²				
SAR Lab	Date	Tissue Type	Band (MHz)	Freq. (MHz)	Measured	Target	Delta	Measured	Target	Delta	Date	Dipole Type & Serial Number	Dipole Cal. Due Date	Input Power (dBm)	Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Plot No.
SAR 6	6/28/2024	Head	6500	6500	32.66	34.50	-5.33%	6.21	6.07	2.27%	6/28/2024	D6.5GHzV2 SN: 1033	3/15/2025	16.0	11.900	298.914	288.000	3.79%	2.690	67.570	64.700	4.44%	2.200	55.262	53.100	4.07%	53.700	1348.883	1300.000	3.76%	
				5900	33.84	35.20	-3.86%	5.42	5.38	0.80%																					
				7200	31.42	33.70	-6.77%	7.02	6.89	1.83%																					
SAR 6	7/2/2024	Head	6500	6500	32.80	34.50	-4.93%	5.97	6.07	-1.65%	7/2/2024	D6.5GHzV2 SN: 1033	3/15/2025	19.0	22.400	281.999	288.000	-2.08%	4.990	62.820	64.700	-2.91%	4.090	51.490	53.100	-3.03%	99.900	1257.666	1300.000	-3.26%	
				5900	33.93	35.20	-3.61%	5.23	5.38	-2.79%																					
				7200	31.54	33.70	-6.41%	6.73	6.89	-2.32%																					
SAR 6	7/6/2024	Head	6500	6500	32.52	34.50	-5.74%	6.10	6.07	0.49%	7/6/2024	D6.5GHzV2 SN: 1033	3/15/2025	19.0	23.800	299.624	288.000	4.04%	5.330	67.101	64.700	3.71%	4.370	55.015	53.100	3.61%	107.000	1347.050	1300.000	3.62%	
				5900	33.70	35.20	-4.26%	5.36	5.38	-0.41%																					
				7200	31.38	33.70	-6.88%	6.84	6.89	-0.75%																					
SAR 6	7/10/2024	Head	6500	6500	32.76	34.50	-5.04%	6.07	6.07	0.02%	7/10/2024	D6.5GHzV2 SN: 1033	3/15/2025	19.0	23.700	298.365	288.000	3.60%	5.280	66.471	64.700	2.74%	4.330	54.511	53.100	2.66%	106.000	1334.461	1300.000	2.65%	
				5900	33.88	35.20	-3.75%	5.36	5.38	-0.41%																					
				7200	31.60	33.70	-6.23%	6.74	6.89	-2.24%																					
SAR 6	7/15/2024	Head	6500	6500	33.56	34.50	-2.72%	6.24	6.07	2.75%	7/15/2024	D6.5GHzV2 SN: 1033	3/15/2025	19.0	24.800	312.214	288.000	8.41%	5.520	69.493	64.700	7.41%	4.520	56.903	53.100	7.16%	110.000	1384.818	1300.000	6.52%	81
				5900	34.74	35.20	-1.31%	5.50	5.38	2.29%																					
				7200	32.36	33.70	-3.98%	6.99	6.89	1.48%																					
SAR 6	7/19/2024	Head	6500	6500	33.28	34.50	-3.54%	6.14	6.07	1.17%	7/19/2024	D6.5GHzV2 SN: 1033	3/15/2025	20.0	26.900	269.000	288.000	-6.60%	5.950	59.500	64.700	-8.04%	4.880	48.800	53.100	-8.10%	119.000	1190.000	1300.000	-8.46%	
				5900	34.43	35.20	-2.19%	5.40	5.38	0.35%																					
				7200	32.08	33.70	-4.81%	6.94	6.89	0.74%																					
SAR 6	7/23/2024	Head	6500	6500	32.80	34.50	-4.93%	5.96	6.07	-1.75%	7/23/2024	D6.5GHzV2 SN: 1033	3/15/2025	20.0	29.100	291.000	288.000	1.04%	6.450	64.500	64.700	-0.31%	5.280	52.800	53.100	-0.56%	129.000	1290.000	1300.000	-0.77%	
				5900	33.91	35.20	-3.66%	5.21	5.38	-3.09%																					
				7200	31.75	33.70	-5.79%	6.68	6.89	-3.05%																					
SAR 6	7/26/2024	Head	6500	6500	32.80	34.50	-4.93%	6.08	6.07	0.20%	7/26/2024	D6.5GHzV2 SN: 1033	3/15/2025	19.0	23.700	298.365	288.000	3.60%	5.220	65.716	64.700	1.57%	4.270	53.756	53.100	1.24%	104.000	1309.282	1300.000	0.71%	
				5900	33.97	35.20	-3.49%	5.35	5.38	-0.50%																					
				7200	31.59	33.70	-6.26%	6.83	6.89	-0.94%																					

Liquid Check											System Check																				
					Relative Permittivity (εr)			Conductivity (σ)							Measured results for 1-g SAR				Measured results for 8-g SAR				Measured results for 10-g SAR				Measured results for APD 4 cm²				
SAR Lab	Date	Tissue Type	Band (MHz)	Freq. (MHz)	Measured	Target	Delta	Measured	Target	Delta	Date	Dipole Type & Serial Number	Dipole Cal. Due Date	Input Power (dBm)	Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Plot No.
SAR 7	6/28/2024	Head	6500	6500	32.67	34.50	-5.30%	5.93	6.07	-2.31%	6/28/2024	D6.5GHzV2 SN: 1033	3/15/2025	20.0	26.200	262.000	288.000	-9.03%	6.330	63.300	64.700	-2.16%	5.230	52.300	53.100	-1.51%	127.000	1270.000	1300.000	-2.31%	82
				5900	33.77	35.20	-4.06%	5.18	5.38	-3.77%																					
				7200	31.53	33.70	-6.44%	6.71	6.89	-2.61%																					
SAR 7	7/1/2024	Head	6500	6500	34.71	34.50	0.61%	5.93	6.07	-2.39%	7/1/2024	D6.5GHzV2 SN: 1033	3/15/2025	19.0	23.400	294.589	288.000	2.29%	5.300	66.723	64.700	3.13%	4.340	54.637	53.100	2.90%	106.000	1334.461	1300.000	2.65%	
				5900	35.79	35.20	1.68%	5.17	5.38	-4.00%																					
				7200	33.56	33.70	-0.42%	6.70	6.89	-2.71%																					
SAR 7	7/2/2024	Head	6500	6500	32.88	34.50	-4.70%	5.75	6.07	-5.27%	7/2/2024	D6.5GHzV2 SN: 1033	3/15/2025	19.0	22.700	285.776	288.000	-0.77%	5.130	64.583	64.700	-0.18%	4.210	53.001	53.100	-0.19%	103.000	1296.693	1300.000	-0.25%	
				5900	33.90	35.20	-3.69%	5.06	5.38	-5.95%																					
				7200	32.01	33.70	-5.01%	6.46	6.89	-6.24%																					
SAR 7	7/5/2024	Head	6500	6500	33.67	34.50	-2.41%	6.05	6.07	-0.38%	7/5/2024	D6.5GHzV2 SN: 1033	3/15/2025	19.0	23.300	293.330	288.000	1.85%	5.320	66.975	64.700	3.52%	4.360	54.889	53.100	3.37%	106.000	1334.461	1300.000	2.65%	
				5900	34.77	35.20	-1.22%	5.31	5.38	-1.26%																					
				7200	32.52	33.70	-3.50%	6.78	6.89	-1.64%																					
SAR 7	7/9/2024	Head	6500	6500	34.31	34.50	-0.55%	5.97	6.07	-1.65%	7/9/2024	D6.5GHzV2 SN: 1033	3/15/2025	10.0	2.970	297.000	288.000	3.13%	0.671	67.100	64.700	3.71%	0.550	55.000	53.100	3.58%	13.400	1340.000	1300.000	3.08%	
				5900	35.43	35.20	0.65%	5.24	5.38	-2.60%																					
				7200	33.20	33.70	-1.48%	6.67	6.89	-3.21%																					
SAR 7	7/15/2024	Head	6500	6500	32.51	34.50	-5.77%	5.87	6.07	-3.29%	7/15/2024	D6.5GHzV2 SN: 1033	3/15/2025	19.0	22.100	278.223	288.000	-3.39%	5.000	62.946	64.700	-2.71%	4.090	51.490	53.100	-3.03%	99.900	1257.666	1300.000	-3.26%	
				5900	33.61	35.20	-4.52%	5.20	5.38	-3.35%																					
				7200	31.38	33.70	-6.88%	6.59	6.89	-4.35%																					
SAR 7	7/19/2024	Head	6500	6500	32.68	34.50	-5.28%	5.84	6.07	-3.72%	7/19/2024	D6.5GHzV2 SN: 1033	3/15/2025	20.0	28.200	282.000	288.000	-2.08%	6.500	65.000	64.700	0.46%	5.340	53.400	53.100	0.56%	130.000	1300.000	1300.000	0.00%	
				5900	33.76	35.20	-4.09%	5.13	5.38	-4.59%																					
				7200	31.50	33.70	-6.53%	6.61	6.89	-4.09%																					
SAR 7	7/23/2024	Head	6500	6500	35.21	34.50	2.06%	6.00	6.07	-1.12%	7/23/2024	D6.5GHzV2 SN: 1033	3/15/2025	20.0	28.000	280.000	288.000	-2.78%	6.360	63.600	64.700	-1.70%	5.220	52.200	53.100	-1.69%	127.000	1270.000	1300.000	-2.31%	
				5900	36.26	35.20	3.01%	5.23	5.38	-2.75%																					
				7200	34.18	33.70	1.42%	6.79	6.89	-1.45%																					
SAR 7	7/26/2024	Head	6500	6500	33.30	34.50	-3.48%	5.95	6.07	-1.94%	7/26/2024	D6.5GHzV2 SN: 1033	3/15/2025	20.0	26.800	268.000	288.000	-6.94%	6.100	61.000	64.700	-5.72%	5.000	50.000	53.100	-5.84%	122.000	1220.000	1300.000	-6.15%	
				5900	34.33	35.20	-2.47%	5.25	5.38	-2.42%																					
				7200	32.31	33.70	-4.12%	6.66	6.89	-3.32%																					

Liquid Check											System Check																				
					Relative Permittivity (εr)			Conductivity (σ)							Measured results for 1-g SAR				Measured results for 8-g SAR				Measured results for 10-g SAR				Measured results for APD 4 cm²				
SAR Lab	Date	Tissue Type	Band (MHz)	Freq. (MHz)	Measured	Target	Delta	Measured	Target	Delta	Date	Dipole Type & Serial Number	Dipole Cal. Due Date	Input Power (dBm)	Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Meas. Zoom Scan	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Plot No.
SAR 8	6/28/2024	Head	6500	6500	33.35	34.50	-3.33%	6.11	6.07	0.64%	6/29/2024	D6.5GHzV2 SN: 1033	3/15/2025	20.0	29.900	299.000	288.000	3.82%	6.740	67.400	64.700	4.17%	5.530	55.300	53.100	4.14%	135.000	1350.000	1300.000	3.85%	
				5900	34.44	35.20	-2.16%	5.34	5.38	-0.67%																					
				7200	32.18	33.70	-4.51%	6.82	6.89	-1.02%																					
SAR 8	7/2/2024	Head	6500	6500	34.25	34.50	-0.72%	6.20	6.07	2.11%	7/2/2024	D6.5GHzV2 SN: 1033	3/15/2025	19.0	23.300	293.330	288.000	1.85%	5.220	65.716	64.700	1.57%	4.280	53.882	53.100	1.47%	104.000	1309.282	1300.000	0.71%	
				5900	35.41	35.20	0.60%	5.42	5.38	0.67%																					
				7200	32.98	33.70	-2.14%	6.97	6.89	1.22%																					
SAR 8	7/6/2024	Head	6500	6500	34.13	34.50	-1.07%	6.30	6.07	3.86%	7/6/2024	D6.5GHzV2 SN: 1033	3/15/2025	19.0	21.700	273.187	288.000	-5.14%	4.920	61.939	64.700	-4.27%	4.040	50.861	53.100	-4.22%	98.400	1238.783	1300.000	-4.71%	83
				5900	35.30	35.20	0.28%	5.53	5.38	2.70%																					
				7200	32.90	33.70	-2.37%	7.08	6.89	2.76%																					
SAR 8	7/10/2024	Head	6500	6500	34.70	34.50	0.58%	6.25	6.07	2.90%	7/10/2024	D6.5GHzV2 SN: 1033	3/15/2025	19.0	22.800	287.035	288.000	-0.34%	5.110	64.331	64.700	-0.57%	4.190	52.749	53.100	-0.66%	102.000	1284.104	1300.000	-1.22%	
				5900	35.85	35.20	1.85%	5.49	5.38	2.04%																					
				7200	33.51	33.70	-0.56%	6.96	6.89	1.04%																					
SAR 8	7/15/2024	Head	6500	6500	33.50	34.50	-2.90%	6.27	6.07	3.29%	7/16/2024	D6.5GHzV2 SN: 1033	3/15/2025	19.0	24.000	302.142	288.000	4.91%	5.380	67.730	64.700	4.68%	4.410	55.519	53.100	4.55%	108.000	1359.639	1300.000	4.59%	
				5900	34.71	35.20	-1.39%	5.55	5.38	3.16%																					
				7200	32.31	33.70	-4.12%	7.04	6.89	2.18%																					
SAR 8	7/20/2024	Head	6500	6500	32.92	34.50	-4.58%	6.06	6.07	-0.12%	7/20/2024	D6.5GHzV2 SN: 1033	3/15/2025	14.0	7.310	291.016	288.000	1.05%	1.630	64.891	64.700	0.30%	1.340	53.346	53.100	0.46%	32.600	1297.829	1300.000	-0.17%	
				5900	34.03	35.20	-3.32%	5.34	5.38	-0.84%																					
				7200	31.80	33.70	-5.64%	6.85	6.89	-0.60%																					
SAR 8	7/23/2024	Head	6500	6500	33.06	34.50	-4.17%	6.05	6.07	-0.26%	7/23/2024	D6.5GHzV2 SN: 1033	3/15/2025	20.0	29.600	296.000	288.000	2.78%	6.710	67.100	64.700	3.71%	5.500	55.000	53.100	3.58%	134.000	1340.000	1300.000	3.08%	
				5900	34.20	35.20	-2.84%	5.31	5.38	-1.38%																					
				7200	32.02	33.70	-4.99%	6.78	6.89	-1.64%																					
SAR 8	7/26/2024	Head	6500	6500	32.97	34.50	-4.43%	6.12	6.07	0.74%	7/27/2024	D6.5GHzV2 SN: 1033	3/15/2025	19.0	23.500	295.847	288.000	2.72%	5.200	65.464	64.700	1.18%	4.260	53.630	53.100	1.00%	104.000	1309.282	1300.000	0.71%	
				5900	34.13	35.20	-3.04%	5.37	5.38	-0.24%																					
				7200	31.68	33.70	-5.99%	6.83	6.89	-0.83%																					

8.2. PD System Validations & System Check

Per Nov 2017, TCB Workshop

System validation is required before a system is deployed for measurement.

System check is also required before each series of continuous measurement and, as applicable, repeated at least weekly.

Peak and spatially averaged power density at the peak location(s) must be compared to calibrated results according to the defined test conditions.

- the same spatial resolution and measurement region used in the waveguide calibration should be applied to system validation and system check.
- 1 cm^2 and 4 cm^2 spatial averaging have been recommended in the AHG10 draft TR with reference targets available for specific waveguide.
- power density distribution should also be verified, both spatially (shape) and numerically (level) through visual inspection for noticeable differences.
- the measured results should be within 16% (0.66 dB) of the calibrated targets.

The system components, software settings and other system parameters shall be the same as those used for the compliance tests. The system check shall be performed at closest probe calibration frequency point as in the compliance tests, e.g., if the EUT operates at 35 GHz, it is recommended to perform the validation at 30 GHz.

System Validations

SAR Lab	Test Date	5G Probe SN	Probe Cal. Due Date	DAE SN	DAE Cal. Due Date	Frequency (GHz)	5G Verification Source SN	Source Cal. Due Data	Averaging Type	Input Power Source Cal. (dBm)	Input Power System Cart (dBm)	Measured psPDn (W/m²) over 1cm²	Normalized to Input Power Source Cal. (W/m²)	Target psPDn (W/m²) over 1cm²	Deviation (dB)	Delta	Measured psPDtot (W/m²) over 1cm²	Normalized to Input Power Source Cal. (W/m²)	Target psPDtot (W/m²) over 1cm²	Deviation (dB)	Delta	Measured psPDn (W/m²) over 4cm²	Normalized to Input Power Source Cal. (W/m²)	Target psPDn (W/m²) over 4cm²	Deviation (dB)	Delta	Measured psPDtot (W/m²) over 4cm²	Normalized to Input Power Source Cal. (W/m²)	Target psPDtot (W/m²) over 4cm²	Deviation (dB)	Delta
C	5/21/2024	9589	9/5/2024	1621	4/12/2025	10	1015	9/5/2024	Square	19.9	20.00	70.4	68.8	60.5	0.56	14%	70.7	69.1	60.5	0.58	14%	63.9	62.4	56.1	0.47	11%	64.2	62.7	56.1	0.49	12%
C	5/21/2024	9589	9/5/2024	1621	4/12/2025	10	1015	9/5/2024	Square	19.9	20.00	68.8	67.2	60.5	0.46	11%	69.4	67.8	60.5	0.50	12%	62.9	61.5	56.1	0.40	10%	63.4	62.0	56.1	0.43	10%
C	5/21/2024	9589	9/5/2024	1621	4/12/2025	10	1015	9/5/2024	Square	19.9	20.00	66.0	64.5	60.5	0.28	7%	66.3	64.8	60.5	0.30	7%	60.2	58.8	56.1	0.21	5%	60.4	59.0	56.1	0.22	5%
C	5/21/2024	9589	9/5/2024	1621	4/12/2025	10	1015	9/5/2024	Square	19.9	20.00	64.5	63.0	60.5	0.18	4%	64.7	63.2	60.5	0.19	5%	59.1	57.8	56.1	0.13	3%	59.3	58.0	56.1	0.14	3%
C	5/21/2024	9589	9/5/2024	1621	4/12/2025	10	1015	9/5/2024	Square	19.9	20.00	64.4	62.9	60.5	0.17	4%	65.3	63.8	60.5	0.23	5%	59.4	58.0	56.1	0.15	3%	60.0	58.6	56.1	0.19	5%
C	5/21/2024	9589	9/5/2024	1621	4/12/2025	10	1015	9/5/2024	Square	19.9	20.00	64.9	63.4	60.5	0.20	5%	65.1	63.6	60.5	0.22	5%	59.4	58.0	56.1	0.15	3%	59.6	58.2	56.1	0.16	4%
C	5/21/2024	9589	9/5/2024	1621	4/12/2025	10	1015	9/5/2024	Square	19.9	20.00	64.6	63.1	60.5	0.18	4%	64.7	63.2	60.5	0.19	5%	59.2	57.9	56.1	0.13	3%	59.4	58.0	56.1	0.15	3%
C	5/22/2024	9589	9/5/2024	1621	4/12/2025	10	1015	9/5/2024	Square	19.9	20.00	65.9	64.4	60.5	0.27	6%	66.3	64.8	60.5	0.30	7%	60.0	58.6	56.1	0.19	5%	60.4	59.0	56.1	0.22	5%
C	5/22/2024	9589	9/5/2024	1621	4/12/2025	10	1015	9/5/2024	Square	19.9	20.00	63.5	62.1	60.5	0.11	3%	63.6	62.2	60.5	0.12	3%	58.2	56.9	56.1	0.06	1%	58.4	57.1	56.1	0.07	2%
C	5/22/2024	9589	9/5/2024	1621	4/12/2025	10	1015	9/5/2024	Square	19.9	20.00	65.0	63.5	60.5	0.21	5%	65.1	63.6	60.5	0.22	5%	59.1	57.8	56.1	0.13	3%	59.4	58.0	56.1	0.15	3%
											Average	65.8	64.3	60.5	0.26	6%	66.1	64.6	60.5	0.29	7%	60.1	58.8	56.1	0.20	5%	60.5	59.1	56.1	0.22	5%

SAR Lab	Test Date	5G Probe SN	Probe Cal. Due Date	DAE SN	DAE Cal. Due Date	Frequency (GHz)	5G Verification Source SN	Source Cal. Due Data	Averaging Type	Measured psPDn (W/m²) over 1cm²	Target psPDn (W/m²) over 1cm²	Deviation (dB)	Delta	Measured psPDtot (W/m²) over 1cm²	Target psPDtot (W/m²) over 1cm²	Deviation (dB)	Delta	Measured psPDn (W/m²) over 4cm²	Target psPDn (W/m²) over 4cm²	Deviation (dB)	Delta	Measured psPDtot (W/m²) over 4cm²	Target psPDtot (W/m²) over 4cm²	Deviation (dB)	Delta
D	2/7/2024	9418	1/22/2025	1472	1/16/2025	60	1003	9/5/2024	Square	369.0	354.0	0.18	4%	371.0	354.0	0.20	5%	240.0	233.0	0.13	3%	242.0	233.0	0.16	4%
D	2/7/2024	9418	1/22/2025	1472	1/16/2025	60	1003	9/5/2024	Square	368.0	354.0	0.17	4%	370.0	354.0	0.19	5%	239.0	233.0	0.11	3%	241.0	233.0	0.15	3%
D	2/7/2024	9418	1/22/2025	1472	1/16/2025	60	1003	9/5/2024	Square	367.0	354.0	0.16	4%	369.0	354.0	0.18	4%	240.0	233.0	0.13	3%	243.0	233.0	0.18	4%
D	2/7/2024	9418	1/22/2025	1472	1/16/2025	60	1003	9/5/2024	Square	367.0	354.0	0.16	4%	369.0	354.0	0.18	4%	240.0	233.0	0.13	3%	243.0	233.0	0.18	4%
D	2/7/2024	9418	1/22/2025	1472	1/16/2025	60	1003	9/5/2024	Square	367.0	354.0	0.16	4%	369.0	354.0	0.18	4%	240.0	233.0	0.13	3%	243.0	233.0	0.18	4%
D	2/7/2024	9418	1/22/2025	1472	1/16/2025	60	1003	9/5/2024	Square	368.0	354.0	0.17	4%	370.0	354.0	0.19	5%	239.0	233.0	0.11	3%	241.0	233.0	0.15	3%
D	2/8/2024	9418	1/22/2025	1472	1/16/2025	60	1003	9/5/2024	Square	361.0	354.0	0.09	2%	362.0	354.0	0.10	2%	239.0	233.0	0.11	3%	241.0	233.0	0.15	3%
D	2/8/2024	9418	1/22/2025	1472	1/16/2025	60	1003	9/5/2024	Square	361.0	354.0	0.09	2%	362.0	354.0	0.10	2%	239.0	233.0	0.11	3%	241.0	233.0	0.15	3%
D	2/8/2024	9418	1/22/2025	1472	1/16/2025	60	1003	9/5/2024	Square	361.0	354.0	0.09	2%	362.0	354.0	0.10	2%	239.0	233.0	0.11	3%	241.0	233.0	0.15	3%
D	2/8/2024	9418	1/22/2025	1472	1/16/2025	60	1003	9/5/2024	Square	360.0	354.0	0.07	2%	361.0	354.0	0.09	2%	239.0	233.0	0.11	3%	242.0	233.0	0.16	4%
									Average	364.9	354.0	0.13	3%	366.5	354.0	0.15	4%	239.4	233.0	0.12	3%	241.8	233.0	0.16	4%

System Performance Checks

SAR Lab	Date	Frequency (GHz)	5G Verification Source SN	Source Cal. Due Date	Input Power (dBm)	Prad (mW)	Ohmic & Mismatch Loss (dB)	Measured psPDn (W/m²) over 4cm²	Normalized to 20 dBm W/m²	Target psPDn (W/m²) over 4cm²	Deviation (dB)	Delta ±16 %	Measured psPDtot (W/m²) over 4cm²	Normalized to 20 dBm W/m²	Target psPDtot (W/m²) over 4cm²	Deviation (dB)	Delta ±16 %	Plot
C	6/24/2024	10	1015	9/5/2024	20.00	93.30	0.30	53.1	53.1	58.8	-0.44	-10%	53.2	53.2	59.1	-0.46	-10%	
C	6/28/2024	10	1015	9/5/2024	20.00	93.30	0.30	51.9	51.9	58.8	-0.54	-12%	52.1	52.1	59.1	-0.55	-12%	
C	7/1/2024	10	1015	9/5/2024	17.00	93.30	0.30	25.9	51.7	58.8	-0.56	-12%	26.0	51.9	59.1	-0.57	-12%	
C	7/4/2024	10	1015	9/5/2024	17.00	93.30	0.30	25.9	51.7	58.8	-0.56	-12%	26.0	51.9	59.1	-0.57	-12%	84
C	7/8/2024	10	1015	9/5/2024	17.00	93.30	0.30	28.3	56.5	58.8	-0.18	-4%	28.4	56.7	59.1	-0.18	-4%	
C	7/12/2024	10	1015	9/5/2024	17.00	93.30	0.30	28.0	55.9	58.8	-0.22	-5%	28.1	56.1	59.1	-0.23	-5%	
C	7/19/2024	10	1015	9/5/2024	17.00	93.30	0.30	28.8	57.4	58.8	-0.10	-2%	28.9	57.6	59.1	-0.11	-2%	
C	7/22/2024	10	1015	9/5/2024	17.00	93.30	0.30	29.2	58.2	58.8	-0.04	-1%	29.3	58.4	59.1	-0.05	-1%	
C	7/26/2024	10	1015	9/5/2024	17.00	93.30	0.30	27.9	55.7	58.8	-0.24	-5%	27.9	55.7	59.1	-0.26	-0.06	
SAR Lab	Date	Frequency (GHz)	5G Verification Source SN	Source Cal. Due Date	Input Power (dBm)	Prad (mW)	Ohmic & Mismatch Loss (dB)	Measured psPDn (W/m²) over 4cm²	Normalized to 20 dBm W/m²	Target psPDn (W/m²) over 4cm²	Deviation (dB)	Delta ±16 %	Measured psPDtot (W/m²) over 4cm²	Normalized to 20 dBm W/m²	Target psPDtot (W/m²) over 4cm²	Deviation (dB)	Delta ±16 %	Plot
D	6/24/2024	10	1015	9/5/2024	20.00	93.30	0.30	55.8	55.8	57.6	-0.14	-3%	56.0	56.0	57.9	-0.15	-3%	
D	6/28/2024	10	1015	9/5/2024	20.00	93.30	0.30	55.1	55.1	57.6	-0.19	-4%	55.3	55.3	57.9	-0.20	-5%	
D	7/1/2024	10	1015	9/5/2024	19.00	93.30	0.30	40.8	51.4	57.6	-0.50	-11%	41.0	51.6	57.9	-0.50	-11%	85
D	7/4/2024	10	1015	9/5/2024	17.00	93.30	0.30	26.1	52.1	57.6	-0.44	-10%	26.2	52.3	57.9	-0.44	-10%	
D	7/8/2024	10	1015	9/5/2024	17.00	93.30	0.30	26.9	53.7	57.6	-0.31	-7%	27.0	53.9	57.9	-0.31	-7%	
D	7/12/2024	10	1015	9/5/2024	17.00	93.30	0.30	28.4	56.7	57.6	-0.07	-2%	28.5	56.8	57.9	-0.08	-2%	
D	7/16/2024	10	1015	9/5/2024	17.00	93.30	0.30	29.2	58.2	57.6	0.05	1%	29.3	58.4	57.9	0.04	1%	
D	7/20/2024	10	1015	9/5/2024	17.00	93.30	0.30	28.4	56.7	57.6	-0.07	-2%	28.5	56.8	57.9	-0.08	-0.02	
D	7/24/2024	10	1015	9/5/2024	17.00	93.30	0.30	28.2	56.3	57.6	-0.10	-0.02	28.3	56.5	57.9	-0.11	-0.03	
D	7/29/2024	10	1015	9/5/2024	17.00	93.30	0.30	29.3	58.4	57.6	0.06	0.01	29.4	58.6	57.9	0.06	0.01	

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/Hotspot 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

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.

RF Air interface	Mode	Maximum Output Power (dBm)							
		ANT1		ANT2		ANT3		ANT4	
		Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B
GSM850	Voice/GPRS (1 slot)	33.5	33.5	32.4	32.5				
	GPRS 2 slots	32.4	32.5	29.4	31.5				
	EGPRS 1 slot	28.0	28.0	27.0	27.0				
	EGPRS 2 slots	27.0	27.0	26.0	26.0				
GSM1900	Voice/GPRS (1 slot)	32.0	30.7	28.5	28.7	30.3	29.7	28.1	28.1
	GPRS 2 slots	30.0	27.7	25.5	25.7	27.3	26.7	25.1	25.1
	EGPRS 1 slot	27.0	27.0	24.0	24.0	26.5	26.5	24.0	24.0
	EGPRS 2 slots	26.0	26.0	23.0	23.0	25.5	25.5	23.0	23.0

GSM850 Measured Results (ANT1)

Mode	Coding Scheme	Time Slots	Ch No.	Freq. (MHz)	Mode A Power (dBm)				Mode B Power (dBm)			
					Measured		Max Power		Measured		Max 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	32.5	23.4	33.5	24.5	32.5	23.4	33.5	24.5
			190	836.6	32.7	23.7			32.7	23.7		
			251	848.8	32.7	23.6			32.7	23.7		
		2	128	824.2	31.5	25.5	32.4	**26.4**	31.7	25.7	32.5	**26.5**
			190	836.6	31.7	25.7			31.8	25.7		
			251	848.8	31.6	25.5			31.5	25.5		
EDGE (8PSK)	MCS5	1	128	824.2	27.2	18.1	28.0	19.0	27.1	18.1	28.0	19.0
			190	836.6	27.2	18.1			27.1	18.0		
			251	848.8	27.1	18.1			27.1	18.1		
		2	128	824.2	26.1	20.0	27.0	21.0	26.1	20.1	27.0	21.0
			190	836.6	26.1	20.0			26.1	20.1		
			251	848.8	26.1	20.1			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)	Mode A Power (dBm)				Mode B Power (dBm)			
					Measured		Max Power		Measured		Max 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	31.4	22.3	32.4	23.4	31.3	22.3	32.5	23.5
			190	836.6	31.3	22.3			31.5	22.4		
			251	848.8	31.3	22.2			31.2	22.2		
		2	128	824.2	28.4	22.3	29.4	**23.4**	30.5	24.5	31.5	**25.5**
			190	836.6	28.3	22.3			30.4	24.4		
			251	848.8	28.2	22.2			30.4	24.4		
EDGE (8PSK)	MCS5	1	128	824.2	26.1	17.0	27.0	18.0	26.1	17.0	27.0	18.0
			190	836.6	25.9	16.9			25.9	16.9		
			251	848.8	25.9	16.8			25.9	16.8		
		2	128	824.2	24.6	18.6	26.0	20.0	24.6	18.6	26.0	20.0
			190	836.6	24.6	18.6			24.6	18.6		
			251	848.8	24.6	18.6			24.6	18.6		

Notes:

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

GSM1900 Measured Results (ANT1)

Mode	Coding Scheme	Time Slots	Ch No.	Freq. (MHz)	Mode A Power (dBm)				Mode B Power (dBm)			
					Measured		Max Power		Measured		Max 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	31.1	22.1	32.0	23.0	30.0	20.9	30.7	21.7
			661	1880.0	31.3	22.3			30.0	20.9		
			810	1909.8	31.3	22.2			29.7	20.6		
		2	512	1850.2	28.7	22.6	30.0	**24.0**	27.0	20.9	27.7	**21.7**
			661	1880.0	29.0	23.0			27.0	20.9		
			810	1909.8	28.9	22.9			26.4	20.4		
EDGE (8PSK)	MCS5	1	512	1850.2	26.0	17.0	27.0	18.0	26.4	17.3	27.0	18.0
			661	1880.0	26.2	17.2			26.2	17.2		
			810	1909.8	26.2	17.1			26.3	17.2		
		2	512	1850.2	24.9	18.9	26.0	20.0	25.0	19.0	26.0	20.0
			661	1880.0	25.2	19.2			25.1	19.0		
			810	1909.8	25.1	19.1			25.0	19.0		

Notes:

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

GSM1900 Measured Results (ANT2)

Mode	Coding Scheme	Time Slots	Ch No.	Freq. (MHz)	Mode A Power (dBm)				Mode B Power (dBm)			
					Measured		Max Power		Measured		Max 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	27.6	18.5	28.5	19.5	27.5	18.4	28.7	19.7
			661	1880.0	27.7	18.6			27.3	18.3		
			810	1909.8	27.4	18.4			27.3	18.2		
		2	512	1850.2	24.1	18.1	25.5	**19.5**	24.3	18.3	25.7	**19.7**
			661	1880.0	24.1	18.1			24.4	18.3		
			810	1909.8	24.1	18.1			24.3	18.3		
EDGE (8PSK)	MCS5	1	512	1850.2	23.1	14.1	24.0	15.0	23.1	14.1	24.0	15.0
			661	1880.0	23.1	14.1			23.1	14.1		
			810	1909.8	23.0	14.0			23.0	14.0		
		2	512	1850.2	22.0	16.0	23.0	17.0	22.0	16.0	23.0	17.0
			661	1880.0	22.3	16.3			22.3	16.3		
			810	1909.8	22.0	16.0			21.1	15.1		

Notes:

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

GSM1900 Measured Results (ANT3)

Mode	Coding Scheme	Time Slots	Ch No.	Freq. (MHz)	Mode A Power (dBm)				Mode B Power (dBm)			
					Measured		Max Power		Measured		Max 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	29.2	20.2	30.3	21.3	28.6	19.6	29.7	20.7
			661	1880.0	29.4	20.4			28.8	19.8		
			810	1909.8	29.3	20.2			28.3	19.3		
		2	512	1850.2	26.0	20.0	27.3	**21.3**	26.0	20.0	26.7	**20.7**
			661	1880.0	26.4	20.3			26.0	20.0		
			810	1909.8	26.4	20.4			25.8	19.8		
EDGE (8PSK)	MCS5	1	512	1850.2	25.3	16.2	26.5	17.5	25.3	16.2	26.5	17.5
			661	1880.0	25.6	16.5			25.6	16.5		
			810	1909.8	25.5	16.5			25.5	16.5		
		2	512	1850.2	24.6	18.6	25.5	19.5	24.6	18.6	25.5	19.5
			661	1880.0	24.5	18.4			24.5	18.4		
			810	1909.8	23.9	17.8			23.9	17.8		

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)	Mode A Power (dBm)				Mode B Power (dBm)			
					Measured		Max Power		Measured		Max 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	26.7	17.6	28.1	19.1	26.7	17.6	28.1	19.1
			661	1880.0	27.1	18.1			27.1	18.1		
			810	1909.8	27.2	18.2			27.2	18.2		
		2	512	1850.2	24.0	17.9	25.1	**19.1**	24.0	17.9	25.1	**19.1**
			661	1880.0	23.5	17.4			23.5	17.4		
			810	1909.8	23.8	17.7			23.8	17.7		
EDGE (8PSK)	MCS5	1	512	1850.2	22.8	13.8	24.0	15.0	22.8	13.8	24.0	15.0
			661	1880.0	23.0	14.0			23.0	14.0		
			810	1909.8	23.1	14.1			23.1	14.1		
		2	512	1850.2	22.0	16.0	23.0	17.0	22.0	16.0	23.0	17.0
			661	1880.0	22.1	16.0			22.1	16.0		
			810	1909.8	21.6	15.6			22.1	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	Maximum Output Power (dBm)							
		ANT1		ANT2		ANT3		ANT4	
		Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B
W-CDMA Band 2	R99	24.0	21.7	19.5	19.7	21.3	20.7	19.1	19.1
	HSDPA	24.0	21.7	19.5	19.7	21.3	20.7	19.1	19.1
	HSUPA	24.0	21.7	19.5	19.7	21.3	20.7	19.1	19.1
	DC-HSDPA	24.0	21.7	19.5	19.7	21.3	20.7	19.1	19.1
	HSPA +	24.0	21.7	19.5	19.7	21.3	20.7	19.1	19.1
W-CDMA Band 4	R99	25.0	20.8	18.7	17.8	22.9	20.0	18.7	20.0
	HSDPA	25.0	20.8	18.7	17.8	22.9	20.0	18.7	20.0
	HSUPA	25.0	20.8	18.7	17.8	22.9	20.0	18.7	20.0
	DC-HSDPA	25.0	20.8	18.7	17.8	22.9	20.0	18.7	20.0
	HSPA +	25.0	20.8	18.7	17.8	22.9	20.0	18.7	20.0
W-CDMA Band 5	R99	25.7	25.7	23.4	25.2				
	HSDPA	25.7	25.7	23.4	25.2				
	HSUPA	25.7	25.7	23.4	25.2				
	DC-HSDPA	25.7	25.7	23.4	25.2				
	HSPA +	25.7	25.7	23.4	25.2				

W-CDMA Band 2 Measured Results (ANT1)

Mode		UL Ch No.	Freq. (MHz)	Mode A Power (dBm)			Mode B Power (dBm)		
				Measured Pwr	MPR	Max Power	Measured Pwr	MPR	Max Power
Release 99	Rel 99 (RMC, 12.2 kbps)	9262	1852.4	23.1	N/A	24.0	20.9	N/A	21.7
		9400	1880.0	23.1			20.8		
		9538	1907.6	23.0			20.7		
HSDPA	Subtest 1	9262	1852.4	22.1	0	24.0	19.9	0	21.7
		9400	1880.0	22.1			19.9		
		9538	1907.6	22.1			19.8		
	Subtest 2	9262	1852.4	22.1	0	24.0	19.9	0	21.7
		9400	1880.0	22.1			19.9		
		9538	1907.6	22.1			19.8		
	Subtest 3	9262	1852.4	21.6	0.5	23.5	19.3	0.5	21.2
		9400	1880.0	21.6			19.4		
		9538	1907.6	21.5			19.3		
	Subtest 4	9262	1852.4	21.7	0.5	23.5	19.4	0.5	21.2
		9400	1880.0	21.6			19.4		
		9538	1907.6	21.5			19.3		
HSUPA	Subtest 1	9262	1852.4	22.1	0	24.0	19.8	0	21.7
		9400	1880.0	22.1			19.8		
		9538	1907.6	22.0			19.8		
	Subtest 2	9262	1852.4	20.1	2	22.0	17.9	2	19.7
		9400	1880.0	20.1			17.8		
		9538	1907.6	20.0			17.7		
	Subtest 3	9262	1852.4	21.1	1	23.0	18.9	1	20.7
		9400	1880.0	21.1			18.8		
		9538	1907.6	21.0			18.7		
	Subtest 4	9262	1852.4	20.1	2	22.0	17.8	2	19.7
		9400	1880.0	20.1			17.8		
		9538	1907.6	20.0			17.8		
	Subtest 5	9262	1852.4	22.0	0	24.0	19.7	0	21.7
		9400	1880.0	22.1			19.7		
		9538	1907.6	22.1			19.8		
DC-HSDPA	Subtest 1	9262	1852.4	22.1	0	24.0	19.9	0	21.7
		9400	1880.0	22.1			19.9		
		9538	1907.6	22.1			19.8		
	Subtest 2	9262	1852.4	22.2	0	24.0	19.9	0	21.7
		9400	1880.0	22.1			19.9		
		9538	1907.6	22.1			19.8		
	Subtest 3	9262	1852.4	21.6	0.5	23.5	19.4	0.5	21.2
		9400	1880.0	21.6			19.3		
		9538	1907.6	21.5			19.3		
	Subtest 4	9262	1852.4	21.7	0.5	23.5	19.4	0.5	21.2
		9400	1880.0	21.6			19.4		
		9538	1907.6	21.6			19.3		
HSPA+	Subtest 1	9262	1852.4	22.1	2.5	24.0	19.9	2.5	21.7
		9400	1880.0	22.1			19.8		
		9538	1907.6	22.1			19.8		

W-CDMA Band 2 Measured Results (ANT2)

Mode		UL Ch No.	Freq. (MHz)	Mode A Power (dBm)			Mode B Power (dBm)		
				Measured Pwr	MPR	Max Power	Measured Pwr	MPR	Max Power
Release 99	Rel 99 (RMC, 12.2 kbps)	9262	1852.4	18.5	N/A	19.5	18.7	N/A	19.7
		9400	1880.0	18.5			18.6		
		9538	1907.6	18.4			18.9		
HSDPA	Subtest 1	9262	1852.4	17.6	0	19.5	17.7	0	19.7
		9400	1880.0	17.7			17.8		
		9538	1907.6	17.6			17.8		
	Subtest 2	9262	1852.4	17.6	0	19.5	17.7	0	19.7
		9400	1880.0	17.7			17.8		
		9538	1907.6	17.5			17.7		
	Subtest 3	9262	1852.4	17.2	0.5	19.0	17.3	0.5	19.2
		9400	1880.0	17.2			17.3		
		9538	1907.6	17.1			17.3		
	Subtest 4	9262	1852.4	17.1	0.5	19.0	17.2	0.5	19.2
		9400	1880.0	17.2			17.3		
		9538	1907.6	17.0			17.2		
HSUPA	Subtest 1	9262	1852.4	17.6	0	19.5	17.7	0	19.7
		9400	1880.0	17.7			17.8		
		9538	1907.6	17.6			17.7		
	Subtest 2	9262	1852.4	15.7	2	17.5	15.8	2	17.7
		9400	1880.0	15.7			15.8		
		9538	1907.6	15.6			15.8		
	Subtest 3	9262	1852.4	16.6	1	18.5	16.7	1	18.7
		9400	1880.0	16.7			16.8		
		9538	1907.6	16.5			16.7		
	Subtest 4	9262	1852.4	15.6	2	17.5	15.7	2	17.7
		9400	1880.0	15.7			15.8		
		9538	1907.6	15.6			15.7		
	Subtest 5	9262	1852.4	17.6	0	19.5	17.8	0	19.7
		9400	1880.0	17.6			17.8		
		9538	1907.6	17.6			17.8		
DC-HSDPA	Subtest 1	9262	1852.4	17.7	0	19.5	17.8	0	19.7
		9400	1880.0	17.7			17.8		
		9538	1907.6	17.6			17.8		
	Subtest 2	9262	1852.4	17.6	0	19.5	17.7	0	19.7
		9400	1880.0	17.6			17.7		
		9538	1907.6	17.5			17.7		
	Subtest 3	9262	1852.4	17.1	0.5	19.0	17.2	0.5	19.2
		9400	1880.0	17.2			17.3		
		9538	1907.6	17.0			17.2		
	Subtest 4	9262	1852.4	17.1	0.5	19.0	17.2	0.5	19.2
		9400	1880.0	17.2			17.3		
		9538	1907.6	17.0			17.2		
HSPA+	Subtest 1	9262	1852.4	17.6	2.5	19.5	17.7	2.5	19.7
		9400	1880.0	17.7			17.7		
		9538	1907.6	17.6			17.7		

W-CDMA Band 2 Measured Results (ANT3)

Mode		UL Ch No.	Freq. (MHz)	Mode A Power (dBm)			Mode B Power (dBm)		
				Measured Pwr	MPR	Max Power	Measured Pwr	MPR	Max Power
Release 99	Rel 99 (RMC, 12.2 kbps)	9262	1852.4	20.4	N/A	21.3	19.8	N/A	20.7
		9400	1880.0	20.2			19.6		
		9538	1907.6	20.3			19.6		
HSDPA	Subtest 1	9262	1852.4	19.3	0	21.3	18.7	0	20.7
		9400	1880.0	19.3			18.7		
		9538	1907.6	19.3			18.7		
	Subtest 2	9262	1852.4	19.3	0	21.3	18.7	0	20.7
		9400	1880.0	19.3			18.7		
		9538	1907.6	19.3			18.7		
	Subtest 3	9262	1852.4	18.8	0.5	20.8	18.2	0.5	20.2
		9400	1880.0	18.8			18.2		
		9538	1907.6	18.8			18.2		
	Subtest 4	9262	1852.4	18.8	0.5	20.8	18.2	0.5	20.2
		9400	1880.0	18.8			18.2		
		9538	1907.6	18.8			18.2		
HSUPA	Subtest 1	9262	1852.4	19.3	0	21.3	18.7	0	20.7
		9400	1880.0	19.3			18.7		
		9538	1907.6	19.3			18.7		
	Subtest 2	9262	1852.4	17.3	2	19.3	16.7	2	18.7
		9400	1880.0	17.3			16.7		
		9538	1907.6	17.3			16.7		
	Subtest 3	9262	1852.4	18.3	1	20.3	17.7	1	19.7
		9400	1880.0	18.3			17.7		
		9538	1907.6	18.3			17.7		
	Subtest 4	9262	1852.4	17.3	2	19.3	16.7	2	18.7
		9400	1880.0	17.3			16.7		
		9538	1907.6	17.3			16.7		
	Subtest 5	9262	1852.4	19.3	0	21.3	18.7	0	20.7
		9400	1880.0	19.3			18.7		
		9538	1907.6	19.3			18.7		
DC-HSDPA	Subtest 1	9262	1852.4	19.3	0	21.3	18.7	0	20.7
		9400	1880.0	19.3			18.7		
		9538	1907.6	19.3			18.7		
	Subtest 2	9262	1852.4	19.3	0	21.3	18.7	0	20.7
		9400	1880.0	19.3			18.7		
		9538	1907.6	19.3			18.7		
	Subtest 3	9262	1852.4	18.8	0.5	20.8	18.2	0.5	20.2
		9400	1880.0	18.8			18.2		
		9538	1907.6	18.8			18.2		
	Subtest 4	9262	1852.4	18.8	0.5	20.8	18.2	0.5	20.2
		9400	1880.0	18.8			18.2		
		9538	1907.6	18.8			18.2		
HSPA+	Subtest 1	9262	1852.4	18.1	2.5	18.8	17.5	2.5	18.2
		9400	1880.0	18.0			17.3		
		9538	1907.6	18.1			17.4		

W-CDMA Band 2 Measured Results (ANT4)

Mode		UL Ch No.	Freq. (MHz)	Mode A Power (dBm)			Mode B Power (dBm)		
				Measured Pwr	MPR	Max Power	Measured Pwr	MPR	Max Power
Release 99	Rel 99 (RMC, 12.2 kbps)	9262	1852.4	18.1	N/A	19.1	18.1	N/A	19.1
		9400	1880.0	18.1			18.1		
		9538	1907.6	18.2			18.2		
HSDPA	Subtest 1	9262	1852.4	17.1	0	19.1	17.1	0	19.1
		9400	1880.0	17.2			17.2		
		9538	1907.6	17.3			17.3		
	Subtest 2	9262	1852.4	17.1	0	19.1	17.1	0	19.1
		9400	1880.0	17.2			17.2		
		9538	1907.6	17.2			17.2		
	Subtest 3	9262	1852.4	16.6	0.5	18.6	16.6	0.5	18.6
		9400	1880.0	16.6			16.6		
		9538	1907.6	16.7			16.7		
	Subtest 4	9262	1852.4	16.6	0.5	18.6	16.6	0.5	18.6
		9400	1880.0	16.6			16.6		
		9538	1907.6	16.7			16.7		
HSUPA	Subtest 1	9262	1852.4	17.1	0	19.1	17.1	0	19.1
		9400	1880.0	17.2			17.2		
		9538	1907.6	17.2			17.2		
	Subtest 2	9262	1852.4	15.1	2	17.1	15.1	2	17.1
		9400	1880.0	15.2			15.2		
		9538	1907.6	15.2			15.2		
	Subtest 3	9262	1852.4	16.1	1	18.1	16.1	1	18.1
		9400	1880.0	16.2			16.2		
		9538	1907.6	16.2			16.2		
	Subtest 4	9262	1852.4	15.1	2	17.1	15.1	2	17.1
		9400	1880.0	15.2			15.2		
		9538	1907.6	15.3			15.3		
	Subtest 5	9262	1852.4	17.7	0	19.1	17.7	0	19.1
		9400	1880.0	17.7			17.7		
		9538	1907.6	17.8			17.8		
DC-HSDPA	Subtest 1	9262	1852.4	17.1	0	19.1	17.1	0	19.1
		9400	1880.0	17.2			17.2		
		9538	1907.6	17.3			17.3		
	Subtest 2	9262	1852.4	17.1	0	19.1	17.1	0	19.1
		9400	1880.0	17.2			17.2		
		9538	1907.6	17.2			17.2		
	Subtest 3	9262	1852.4	16.6	0.5	18.6	16.6	0.5	18.6
		9400	1880.0	16.7			16.7		
		9538	1907.6	16.8			16.8		
	Subtest 4	9262	1852.4	16.6	0.5	18.6	16.6	0.5	18.6
		9400	1880.0	16.7			16.7		
		9538	1907.6	16.7			16.7		
HSPA+	Subtest 1	9262	1852.4	17.2	2.5	19.1	17.2	2.5	19.1
		9400	1880.0	17.2			17.2		
		9538	1907.6	17.2			17.2		

W-CDMA Band 4 Measured Results (ANT1)

Mode		UL Ch No.	Freq. (MHz)	Mode A Power (dBm)			Mode B Power (dBm)		
				Measured Pwr	MPR	Max Power	Measured Pwr	MPR	Max Power
Release 99	Rel 99 (RMC, 12.2 kbps)	1312	1712.4	24.0	N/A	25.0	19.9	N/A	20.8
		1413	1732.6	24.1			19.9		
		1513	1752.6	24.1			19.9		
HSDPA	Subtest 1	1312	1712.4	23.2	0	25.0	19.1	0	20.8
		1413	1732.6	23.2			19.1		
		1513	1752.6	23.2			19.0		
	Subtest 2	1312	1712.4	23.2	0	25.0	19.1	0	20.8
		1413	1732.6	23.2			19.1		
		1513	1752.6	23.2			19.1		
	Subtest 3	1312	1712.4	22.7	0.5	24.5	18.6	0.5	20.3
		1413	1732.6	22.7			18.6		
		1513	1752.6	22.7			18.5		
	Subtest 4	1312	1712.4	22.7	0.5	24.5	18.5	0.5	20.3
		1413	1732.6	22.7			18.6		
		1513	1752.6	22.7			18.5		
HSUPA	Subtest 1	1312	1712.4	23.2	0	25.0	19.1	0	20.8
		1413	1732.6	23.2			19.0		
		1513	1752.6	23.2			19.0		
	Subtest 2	1312	1712.4	21.2	2	23.0	17.0	2	18.8
		1413	1732.6	21.2			17.0		
		1513	1752.6	21.2			17.0		
	Subtest 3	1312	1712.4	22.2	1	24.0	18.0	1	19.8
		1413	1732.6	22.2			18.1		
		1513	1752.6	22.2			18.0		
	Subtest 4	1312	1712.4	21.2	2	23.0	17.0	2	18.8
		1413	1732.6	21.2			17.1		
		1513	1752.6	21.2			17.0		
	Subtest 5	1312	1712.4	23.0	0	25.0	18.9	0	20.8
		1413	1732.6	23.1			18.8		
		1513	1752.6	23.1			18.8		
DC-HSDPA	Subtest 1	1312	1712.4	23.2	0	25.0	19.1	0	20.8
		1413	1732.6	23.2			19.0		
		1513	1752.6	23.2			19.0		
	Subtest 2	1312	1712.4	23.2	0	25.0	19.1	0	20.8
		1413	1732.6	23.2			19.0		
		1513	1752.6	23.2			19.0		
	Subtest 3	1312	1712.4	22.7	0.5	24.5	18.6	0.5	20.3
		1413	1732.6	22.7			18.5		
		1513	1752.6	22.7			18.5		
	Subtest 4	1312	1712.4	22.7	0.5	24.5	18.6	0.5	20.3
		1413	1732.6	22.7			18.5		
		1513	1752.6	22.7			18.5		
HSPA+	Subtest 1	1312	1712.4	23.2	2.5	25.0	19.1	2.5	20.8
		1413	1732.6	23.2			19.0		
		1513	1752.6	23.2			19.0		

W-CDMA Band 4 Measured Results (ANT2)

Mode		UL Ch No.	Freq. (MHz)	Mode A Power (dBm)			Mode B Power (dBm)		
				Measured Pwr	MPR	Max Power	Measured Pwr	MPR	Max Power
Release 99	Rel 99 (RMC, 12.2 kbps)	1312	1712.4	17.5	N/A	18.7	16.6	N/A	17.8
		1413	1732.6	17.6			16.7		
		1513	1752.6	17.6			16.7		
HSDPA	Subtest 1	1312	1712.4	17.7	0	18.7	16.0	0	17.8
		1413	1732.6	17.7			16.0		
		1513	1752.6	17.7			16.0		
	Subtest 2	1312	1712.4	16.9	0	18.7	16.0	0	17.8
		1413	1732.6	16.9			15.9		
		1513	1752.6	16.9			16.0		
	Subtest 3	1312	1712.4	16.8	0.5	18.2	15.4	0.5	17.3
		1413	1732.6	16.8			15.4		
		1513	1752.6	16.9			15.4		
	Subtest 4	1312	1712.4	16.3	0.5	18.2	15.4	0.5	17.3
		1413	1732.6	16.3			15.4		
		1513	1752.6	16.4			15.4		
HSUPA	Subtest 1	1312	1712.4	16.9	0	18.7	15.9	0	17.8
		1413	1732.6	16.8			16.0		
		1513	1752.6	16.9			16.0		
	Subtest 2	1312	1712.4	14.8	2	16.7	13.9	2	15.8
		1413	1732.6	14.9			13.9		
		1513	1752.6	14.9			14.0		
	Subtest 3	1312	1712.4	15.8	1	17.7	15.0	1	16.8
		1413	1732.6	15.9			15.0		
		1513	1752.6	15.9			15.0		
	Subtest 4	1312	1712.4	14.8	2	16.7	14.0	2	15.8
		1413	1732.6	14.9			14.0		
		1513	1752.6	14.9			14.0		
	Subtest 5	1312	1712.4	16.7	0	18.7	15.8	0	17.8
		1413	1732.6	16.7			15.8		
		1513	1752.6	16.7			15.8		
DC-HSDPA	Subtest 1	1312	1712.4	17.0	0	18.7	16.0	0	17.8
		1413	1732.6	16.9			16.0		
		1513	1752.6	16.8			15.9		
	Subtest 2	1312	1712.4	16.9	0	18.7	16.0	0	17.8
		1413	1732.6	16.9			15.9		
		1513	1752.6	16.7			15.9		
	Subtest 3	1312	1712.4	16.4	0.5	18.2	15.4	0.5	17.3
		1413	1732.6	16.4			15.4		
		1513	1752.6	16.3			15.4		
	Subtest 4	1312	1712.4	16.3	0.5	18.2	15.4	0.5	17.3
		1413	1732.6	16.4			15.4		
		1513	1752.6	16.2			15.4		
HSPA+	Subtest 1	1312	1712.4	17.1	2.5	18.7	15.9	2.5	17.8
		1413	1732.6	16.9			16.0		
		1513	1752.6	16.9			15.9		

W-CDMA Band 4 Measured Results (ANT3)

Mode		UL Ch No.	Freq. (MHz)	Mode A Power (dBm)			Mode B Power (dBm)		
				Measured Pwr	MPR	Max Power	Measured Pwr	MPR	Max Power
Release 99	Rel 99 (RMC, 12.2 kbps)	1312	1712.4	21.9	N/A	22.9	19.0	N/A	20.0
		1413	1732.6	21.9			19.0		
		1513	1752.6	21.9			19.0		
HSDPA	Subtest 1	1312	1712.4	20.9	0	22.9	18.0	0	20.0
		1413	1732.6	20.9			18.0		
		1513	1752.6	20.9			18.0		
	Subtest 2	1312	1712.4	20.9	0	22.9	18.0	0	20.0
		1413	1732.6	20.9			18.0		
		1513	1752.6	20.9			18.0		
	Subtest 3	1312	1712.4	20.4	0.5	22.4	17.5	0.5	19.5
		1413	1732.6	20.4			17.5		
		1513	1752.6	20.4			17.5		
	Subtest 4	1312	1712.4	20.4	0.5	22.4	17.5	0.5	19.5
		1413	1732.6	20.4			17.5		
		1513	1752.6	20.4			17.5		
HSUPA	Subtest 1	1312	1712.4	20.9	0	22.9	18.0	0	20.0
		1413	1732.6	20.9			18.0		
		1513	1752.6	20.9			18.0		
	Subtest 2	1312	1712.4	18.9	2	20.9	16.0	2	18.0
		1413	1732.6	18.9			16.0		
		1513	1752.6	18.9			16.0		
	Subtest 3	1312	1712.4	19.9	1	21.9	17.0	1	19.0
		1413	1732.6	19.9			17.0		
		1513	1752.6	19.9			17.0		
	Subtest 4	1312	1712.4	18.9	2	20.9	16.0	2	18.0
		1413	1732.6	18.9			16.0		
		1513	1752.6	18.9			16.0		
	Subtest 5	1312	1712.4	20.9	0	22.9	18.0	0	20.0
		1413	1732.6	20.9			18.0		
		1513	1752.6	20.9			18.0		
DC-HSDPA	Subtest 1	1312	1712.4	20.9	0	22.9	18.0	0	20.0
		1413	1732.6	20.9			18.0		
		1513	1752.6	20.9			18.0		
	Subtest 2	1312	1712.4	20.9	0	22.9	18.0	0	20.0
		1413	1732.6	20.9			18.1		
		1513	1752.6	20.9			18.0		
	Subtest 3	1312	1712.4	20.4	0.5	22.4	17.5	0.5	19.5
		1413	1732.6	20.5			17.5		
		1513	1752.6	20.4			17.5		
	Subtest 4	1312	1712.4	20.4	0.5	22.4	17.5	0.5	19.5
		1413	1732.6	20.4			17.5		
		1513	1752.6	20.4			17.5		
HSPA+	Subtest 1	1312	1712.4	19.8	2.5	20.4	16.9	2.5	17.5
		1413	1732.6	19.7			16.8		
		1513	1752.6	19.7			16.8		

W-CDMA Band 4 Measured Results (ANT4)

Mode		UL Ch No.	Freq. (MHz)	Mode A Power (dBm)			Mode B Power (dBm)		
				Measured Pwr	MPR	Max Power	Measured Pwr	MPR	Max Power
Release 99	Rel 99 (RMC, 12.2 kbps)	1312	1712.4	18.3	N/A	18.7	18.7	N/A	20.0
		1413	1732.6	18.5			18.9		
		1513	1752.6	18.4			18.8		
HSDPA	Subtest 1	1312	1712.4	17.7	0	18.7	18.4	0	20.0
		1413	1732.6	17.8			18.6		
		1513	1752.6	17.7			18.5		
	Subtest 2	1312	1712.4	17.7	0	18.7	18.4	0	20.0
		1413	1732.6	17.8			18.6		
		1513	1752.6	17.7			18.5		
	Subtest 3	1312	1712.4	17.1	0.5	18.2	17.9	0.5	19.5
		1413	1732.6	17.2			18.1		
		1513	1752.6	17.2			18.0		
	Subtest 4	1312	1712.4	17.1	0.5	18.2	17.9	0.5	19.5
		1413	1732.6	17.3			18.1		
		1513	1752.6	17.2			18.0		
HSUPA	Subtest 1	1312	1712.4	17.6	0	18.7	18.4	0	20.0
		1413	1732.6	17.8			18.6		
		1513	1752.6	17.7			18.5		
	Subtest 2	1312	1712.4	15.6	2	16.7	16.4	2	18.0
		1413	1732.6	15.8			16.6		
		1513	1752.6	15.7			16.5		
	Subtest 3	1312	1712.4	16.6	1	17.7	17.4	1	19.0
		1413	1732.6	16.8			17.5		
		1513	1752.6	16.7			17.5		
	Subtest 4	1312	1712.4	15.6	2	16.7	16.4	2	18.0
		1413	1732.6	15.8			16.6		
		1513	1752.6	15.7			16.5		
	Subtest 5	1312	1712.4	17.2	0	18.7	18.0	0	20.0
		1413	1732.6	17.3			18.1		
		1513	1752.6	17.3			18.1		
DC-HSDPA	Subtest 1	1312	1712.4	17.7	0	18.7	18.5	0	20.0
		1413	1732.6	17.8			18.6		
		1513	1752.6	17.8			18.5		
	Subtest 2	1312	1712.4	17.7	0	18.7	18.5	0	20.0
		1413	1732.6	17.8			18.6		
		1513	1752.6	17.7			18.5		
	Subtest 3	1312	1712.4	17.2	0.5	18.2	17.9	0.5	19.5
		1413	1732.6	17.3			18.1		
		1513	1752.6	17.2			18.0		
	Subtest 4	1312	1712.4	17.1	0.5	18.2	18.0	0.5	19.5
		1413	1732.6	17.3			18.1		
		1513	1752.6	17.2			18.0		
HSPA+	Subtest 1	1312	1712.4	17.1	2.5	18.7	18.4	2.5	20.0
		1413	1732.6	17.0			18.4		
		1513	1752.6	17.0			18.4		

W-CDMA Band 5 Measured Results (ANT1)

Mode		UL Ch No.	Freq. (MHz)	Mode A Power (dBm)			Mode B Power (dBm)		
				Measured Pwr	MPR	Max Power	Measured Pwr	MPR	Max Power
Release 99	Rel 99 (RMC, 12.2 kbps)	4132	826.4	24.8	N/A	25.7	24.8	N/A	25.7
		4183	836.6	24.7			24.7		
		4233	846.6	24.7			24.7		
HSDPA	Subtest 1	4132	826.4	23.9	0	25.7	23.9	0	25.7
		4183	836.6	23.8			23.8		
		4233	846.6	23.8			23.8		
	Subtest 2	4132	826.4	24.0	0	25.7	24.0	0	25.7
		4183	836.6	23.8			23.8		
		4233	846.6	23.8			23.8		
	Subtest 3	4132	826.4	23.4	0.5	25.2	23.4	0.5	25.2
		4183	836.6	23.3			23.3		
		4233	846.6	23.3			23.3		
	Subtest 4	4132	826.4	23.4	0.5	25.2	23.4	0.5	25.2
		4183	836.6	23.3			23.3		
		4233	846.6	23.3			23.3		
HSUPA	Subtest 1	4132	826.4	23.9	0	25.7	23.9	0	25.7
		4183	836.6	23.8			23.8		
		4233	846.6	23.8			23.8		
	Subtest 2	4132	826.4	21.9	2	23.7	21.9	2	23.7
		4183	836.6	21.8			21.8		
		4233	846.6	21.8			21.8		
	Subtest 3	4132	826.4	22.9	1	24.7	22.9	1	24.7
		4183	836.6	22.8			22.8		
		4233	846.6	22.8			22.8		
	Subtest 4	4132	826.4	22.0	2	23.7	22.0	2	23.7
		4183	836.6	21.8			21.8		
		4233	846.6	21.8			21.8		
	Subtest 5	4132	826.4	23.8	0	25.7	23.8	0	25.7
		4183	836.6	23.8			23.8		
		4233	846.6	23.8			23.8		
DC-HSDPA	Subtest 1	4132	826.4	23.9	0	25.7	23.9	0	25.7
		4183	836.6	23.8			23.8		
		4233	846.6	23.7			23.7		
	Subtest 2	4132	826.4	23.9	0	25.7	23.9	0	25.7
		4183	836.6	23.8			23.8		
		4233	846.6	23.8			23.8		
	Subtest 3	4132	826.4	23.4	0.5	25.2	23.4	0.5	25.2
		4183	836.6	23.3			23.3		
		4233	846.6	23.3			23.3		
	Subtest 4	4132	826.4	23.5	0.5	25.2	23.5	0.5	25.2
		4183	836.6	23.3			23.3		
		4233	846.6	23.3			23.3		
HSPA+	Subtest 1	4132	826.4	23.9	2.5	25.7	23.9	2.5	25.7
		4183	836.6	23.8			23.8		
		4233	846.6	23.7			23.7		

W-CDMA Band 5 Measured Results (ANT2)

Mode		UL Ch No.	Freq. (MHz)	Mode A Power (dBm)			Mode B Power (dBm)		
				Measured Pwr	MPR	Max Power	Measured Pwr	MPR	Max Power
Release 99	Rel 99 (RMC, 12.2 kbps)	4132	826.4	22.3	N/A	23.4	24.1	N/A	25.2
		4183	836.6	22.2			24.0		
		4233	846.6	22.3			24.0		
HSDPA	Subtest 1	4132	826.4	21.5	0	23.4	23.3	0	25.2
		4183	836.6	21.4			23.3		
		4233	846.6	21.4			23.3		
	Subtest 2	4132	826.4	21.5	0	23.4	23.5	0	25.2
		4183	836.6	21.4			23.3		
		4233	846.6	21.4			23.3		
	Subtest 3	4132	826.4	20.9	0.5	22.9	22.9	0.5	24.7
		4183	836.6	20.9			22.8		
		4233	846.6	20.9			22.7		
	Subtest 4	4132	826.4	21.0	0.5	22.9	22.9	0.5	24.7
		4183	836.6	20.9			22.8		
		4233	846.6	20.9			22.8		
HSUPA	Subtest 1	4132	826.4	21.5	0	23.4	23.4	0	25.2
		4183	836.6	21.4			23.3		
		4233	846.6	21.5			23.3		
	Subtest 2	4132	826.4	19.5	2	21.4	21.5	2	23.2
		4183	836.6	19.5			21.3		
		4233	846.6	19.5			21.3		
	Subtest 3	4132	826.4	20.4	1	22.4	22.4	1	24.2
		4183	836.6	20.4			22.3		
		4233	846.6	20.4			22.3		
	Subtest 4	4132	826.4	19.5	2	21.4	21.5	2	23.2
		4183	836.6	19.4			21.3		
		4233	846.6	19.4			21.3		
	Subtest 5	4132	826.4	21.4	0	23.4	23.2	0	25.2
		4183	836.6	21.9			23.3		
		4233	846.6	21.4			23.2		
DC-HSDPA	Subtest 1	4132	826.4	21.5	0	23.4	23.4	0	25.2
		4183	836.6	21.4			23.3		
		4233	846.6	21.4			23.3		
	Subtest 2	4132	826.4	21.5	0	23.4	23.4	0	25.2
		4183	836.6	21.4			23.3		
		4233	846.6	21.4			23.3		
	Subtest 3	4132	826.4	20.9	0.5	22.9	23.0	0.5	24.7
		4183	836.6	20.9			22.8		
		4233	846.6	20.9			22.8		
	Subtest 4	4132	826.4	21.0	0.5	22.9	23.0	0.5	24.7
		4183	836.6	20.9			22.8		
		4233	846.6	21.0			22.7		
HSPA+	Subtest 1	4132	826.4	21.5	2.5	23.4	23.3	2.5	25.2
		4183	836.6	21.4			23.3		
		4233	846.6	21.4			23.3		

9.3. LTE

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

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

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

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

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

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

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

Maximum Output Power for LTE

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

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)

For some LTE Bands, certain channel bandwidths do not support at least three non-overlapping channels. When a device supports overlapping channel assignments 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. Please refer to section 6.3. for a detailed list of LTE test channels.

- LTE Band 4 (1710-1755 MHz)
- LTE Band 5 (824-849 MHz)
- LTE Band 12 (699-716 MHz)
- LTE Band 13 (777-787 MHz)
- LTE Band 14 (788-798 MHz)
- LTE Band 71 (663-698 MHz)

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

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

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

RF Air interface	Mode	Maximum Output Power (dBm)							
		ANT1		ANT2		ANT3		ANT4	
		Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B
LTE Band 2	QPSK	24.0	21.7	19.5	19.7	21.3	20.7	19.1	19.1
LTE Band 4	QPSK	25.0	20.8	18.7	17.8	22.9	20.0	18.7	20.0
LTE Band 5	QPSK	25.7	25.7	23.4	25.2				
LTE Band 7	QPSK	22.0	20.8	17.7	18.3	21.4	19.3	18.7	19.6
LTE Band 12	QPSK	25.7	25.7	25.2	25.2				
LTE Band 13	QPSK	25.7	25.7	23.4	25.2				
LTE Band 14	QPSK	25.7	25.7	25.2	25.2				
LTE Band 17	QPSK	25.7	25.7	25.2	25.2				
LTE Band 25	QPSK	24.0	21.7	19.5	19.7	21.3	20.7	19.1	19.1
LTE Band 26	QPSK	25.7	25.7	23.4	25.2				
LTE Band 30	QPSK	22.1	20.5	18.6	18.7	21.7	19.2	18.5	20.2
LTE Band 41 (PC3)	QPSK	23.4	20.9	19.9	20.3	24.2	21.5	21.0	21.5
LTE Band 41 (PC2)	QPSK	25.0	22.5	21.5	21.9	25.8	23.1	22.6	23.1
LTE Band 53	QPSK	20.7	20.7	19.9	20.7				
LTE Band 66	QPSK	25.0	20.8	18.7	17.8	22.9	20.0	18.7	20.0
LTE Band 71	QPSK	25.7	25.7	25.2	25.2				
RF Air interface	Mode	Maximum Output Power (dBm)							
		ANT7		ANT8		ANT9		ANT4	
		Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B
LTE Band 48	QPSK	24.2	21.2	21.0	19.4	21.7	17.9	23.5	22.0

LTE Band 5 Measured Results (ANT1)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)			Mode B Power (dBm)				
				[redacted]	20525	[redacted]	MPR	Max Power	[redacted]	20525	[redacted]	MPR	Max Power
					836.5 MHz					836.5 MHz			
10	QPSK	1	0		24.9		0	25.7		24.9		0	25.7
		1	25		24.9		0	25.7		24.9		0	25.7
		1	49		24.9		0	25.7		24.9		0	25.7
		25	0		24.2		1	24.7		24.2		1	24.7
		25	12		24.3		1	24.7		24.3		1	24.7
		25	25		24.2		1	24.7		24.2		1	24.7
		50	0		24.3		1	24.7		24.3		1	24.7
	16QAM	1	0		24.4		1	24.7		24.4		1	24.7
		1	25		24.3		1	24.7		24.3		1	24.7
		1	49		24.4		1	24.7		24.4		1	24.7
		25	0		23.1		2	23.7		23.1		2	23.7
		25	12		23.2		2	23.7		23.2		2	23.7
		25	25		23.1		2	23.7		23.1		2	23.7
		50	0		23.2		2	23.7		23.2		2	23.7
	64QAM	1	0		23.4		2	23.7		23.4		2	23.7
		1	25		23.3		2	23.7		23.3		2	23.7
		1	49		23.4		2	23.7		23.4		2	23.7
		25	0		22.1		3	22.7		22.1		3	22.7
		25	12		22.2		3	22.7		22.2		3	22.7
		25	25		22.2		3	22.7		22.2		3	22.7
		50	0		22.1		3	22.7		22.1		3	22.7
	256QAM	1	0		20.1		5	20.7		20.1		5	20.7
		1	25		20.3		5	20.7		20.3		5	20.7
		1	49		20.3		5	20.7		20.3		5	20.7
		25	0		20.1		5	20.7		20.1		5	20.7
		25	12		20.1		5	20.7		20.1		5	20.7
		25	25		20.1		5	20.7		20.1		5	20.7
		50	0		20.1		5	20.7		20.1		5	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				20425	20525	20625	MPR	Max Power	20425	20525	20625	MPR	Max 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	24.9	24.8	25.0	0	25.7	24.9	24.8	25.0	0	25.7
		1	24	24.8	24.7	24.9	0	25.7	24.8	24.7	24.9	0	25.7
		12	0	24.2	24.0	24.1	1	24.7	24.2	24.0	24.1	1	24.7
		12	7	24.2	24.1	24.1	1	24.7	24.2	24.1	24.1	1	24.7
		12	13	24.1	24.1	24.2	1	24.7	24.1	24.1	24.2	1	24.7
		25	0	24.1	24.1	24.1	1	24.7	24.1	24.1	24.1	1	24.7
	16QAM	1	0	24.4	24.3	24.5	1	24.7	24.4	24.3	24.5	1	24.7
		1	12	24.5	24.4	24.6	1	24.7	24.5	24.4	24.6	1	24.7
		1	24	24.4	24.3	24.5	1	24.7	24.4	24.3	24.5	1	24.7
		12	0	23.2	23.1	23.1	2	23.7	23.2	23.1	23.1	2	23.7
		12	7	23.2	23.2	23.1	2	23.7	23.2	23.2	23.1	2	23.7
		12	13	23.2	23.2	23.2	2	23.7	23.2	23.2	23.2	2	23.7
		25	0	23.2	23.1	23.2	2	23.7	23.2	23.1	23.2	2	23.7
	64QAM	1	0	23.2	23.1	23.2	2	23.7	23.2	23.1	23.2	2	23.7
		1	12	23.3	23.2	23.3	2	23.7	23.3	23.2	23.3	2	23.7
		1	24	23.2	23.2	23.3	2	23.7	23.2	23.2	23.3	2	23.7
		12	0	22.2	22.0	22.1	3	22.7	22.2	22.0	22.1	3	22.7
		12	7	22.2	22.2	22.2	3	22.7	22.2	22.2	22.2	3	22.7
		12	13	22.1	22.1	22.2	3	22.7	22.1	22.1	22.2	3	22.7
		25	0	22.1	22.1	22.1	3	22.7	22.1	22.1	22.1	3	22.7
	256QAM	1	0	20.2	20.2	20.2	5	20.7	20.2	20.2	20.2	5	20.7
		1	12	20.3	20.3	20.3	5	20.7	20.3	20.3	20.3	5	20.7
		1	24	20.3	20.2	20.3	5	20.7	20.3	20.2	20.3	5	20.7
		12	0	20.1	20.0	20.1	5	20.7	20.1	20.0	20.1	5	20.7
		12	7	20.2	20.1	20.2	5	20.7	20.2	20.1	20.2	5	20.7
		12	13	20.2	20.1	20.2	5	20.7	20.2	20.1	20.2	5	20.7
		25	0	20.1	20.1	20.1	5	20.7	20.1	20.1	20.1	5	20.7

LTE Band 5 Measured Results (ANT1) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				20415	20525	20635	MPR	Max Power	20415	20525	20635	MPR	Max Power
				825.5 MHz	836.5 MHz	847.5 MHz			825.5 MHz	836.5 MHz	847.5 MHz		
3	QPSK	1	0	24.7	24.6	24.8	0	25.7	24.7	24.6	24.8	0	25.7
		1	8	24.8	24.8	24.9	0	25.7	24.8	24.8	24.9	0	25.7
		1	14	24.7	24.7	24.8	0	25.7	24.7	24.7	24.8	0	25.7
		8	0	24.1	24.0	24.1	1	24.7	24.1	24.0	24.1	1	24.7
		8	4	24.2	24.1	24.2	1	24.7	24.2	24.1	24.2	1	24.7
		8	7	24.2	24.1	24.2	1	24.7	24.2	24.1	24.2	1	24.7
		15	0	24.1	24.0	24.1	1	24.7	24.1	24.0	24.1	1	24.7
	16QAM	1	0	24.4	24.3	24.4	1	24.7	24.4	24.3	24.4	1	24.7
		1	8	24.5	24.4	24.5	1	24.7	24.5	24.4	24.5	1	24.7
		1	14	24.4	24.3	24.4	1	24.7	24.4	24.3	24.4	1	24.7
		8	0	23.2	23.0	23.1	2	23.7	23.2	23.0	23.1	2	23.7
		8	4	23.2	23.1	23.2	2	23.7	23.2	23.1	23.2	2	23.7
		8	7	23.2	23.1	23.2	2	23.7	23.2	23.1	23.2	2	23.7
		15	0	23.1	23.1	23.1	2	23.7	23.1	23.1	23.1	2	23.7
	64QAM	1	0	23.3	23.3	23.3	2	23.7	23.3	23.3	23.3	2	23.7
		1	8	23.4	23.3	23.4	2	23.7	23.4	23.3	23.4	2	23.7
		1	14	23.3	23.3	23.4	2	23.7	23.3	23.3	23.4	2	23.7
		8	0	22.1	22.0	22.1	3	22.7	22.1	22.0	22.1	3	22.7
		8	4	22.2	22.1	22.2	3	22.7	22.2	22.1	22.2	3	22.7
		8	7	22.1	22.1	22.3	3	22.7	22.1	22.1	22.3	3	22.7
		15	0	22.1	22.1	22.1	3	22.7	22.1	22.1	22.1	3	22.7
	256QAM	1	0	20.1	20.1	20.2	5	20.7	20.1	20.1	20.2	5	20.7
		1	8	20.2	20.2	20.4	5	20.7	20.2	20.2	20.4	5	20.7
		1	14	20.2	20.1	20.3	5	20.7	20.2	20.1	20.3	5	20.7
		8	0	20.2	20.0	20.1	5	20.7	20.2	20.0	20.1	5	20.7
		8	4	20.2	20.1	20.2	5	20.7	20.2	20.1	20.2	5	20.7
		8	7	20.2	20.1	20.2	5	20.7	20.2	20.1	20.2	5	20.7
		15	0	20.1	20.1	20.1	5	20.7	20.1	20.1	20.1	5	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				20407	20525	20643	MPR	Max Power	20407	20525	20643	MPR	Max Power
				824.7 MHz	836.5 MHz	848.3 MHz			824.7 MHz	836.5 MHz	848.3 MHz		
1.4	QPSK	1	0	24.7	24.7	24.9	0	25.7	24.7	24.7	24.9	0	25.7
		1	3	24.8	24.8	24.9	0	25.7	24.8	24.8	24.9	0	25.7
		1	5	24.8	24.7	24.9	0	25.7	24.8	24.7	24.9	0	25.7
		3	0	24.8	24.7	24.9	0	25.7	24.8	24.7	24.9	0	25.7
		3	1	24.8	24.7	24.9	0	25.7	24.8	24.7	24.9	0	25.7
		3	3	24.8	24.7	24.9	0	25.7	24.8	24.7	24.9	0	25.7
		6	0	24.1	24.0	24.2	1	24.7	24.1	24.0	24.2	1	24.7
	16QAM	1	0	24.2	24.4	24.5	1	24.7	24.2	24.4	24.5	1	24.7
		1	3	24.3	24.5	24.6	1	24.7	24.3	24.5	24.6	1	24.7
		1	5	24.3	24.4	24.5	1	24.7	24.3	24.4	24.5	1	24.7
		3	0	24.3	24.2	24.3	1	24.7	24.3	24.2	24.3	1	24.7
		3	1	24.3	24.2	24.4	1	24.7	24.3	24.2	24.4	1	24.7
		3	3	24.3	24.2	24.4	1	24.7	24.3	24.2	24.4	1	24.7
		6	0	23.2	23.2	23.2	2	23.7	23.2	23.2	23.2	2	23.7
	64QAM	1	0	23.3	23.0	23.2	2	23.7	23.3	23.0	23.2	2	23.7
		1	3	23.3	23.0	23.2	2	23.7	23.3	23.0	23.2	2	23.7
		1	5	23.3	23.1	23.2	2	23.7	23.3	23.1	23.2	2	23.7
		3	0	23.2	23.1	23.3	2	23.7	23.2	23.1	23.3	2	23.7
		3	1	23.2	23.2	23.3	2	23.7	23.2	23.2	23.3	2	23.7
		3	3	23.2	23.1	23.3	2	23.7	23.2	23.1	23.3	2	23.7
		6	0	22.2	22.1	22.1	3	22.7	22.2	22.1	22.1	3	22.7
	256QAM	1	0	20.2	20.2	20.3	5	20.7	20.2	20.2	20.3	5	20.7
		1	3	20.2	20.2	20.3	5	20.7	20.2	20.2	20.3	5	20.7
		1	5	20.2	20.2	20.3	5	20.7	20.2	20.2	20.3	5	20.7
		3	0	20.1	20.1	20.2	5	20.7	20.1	20.1	20.2	5	20.7
		3	1	20.2	20.1	20.2	5	20.7	20.2	20.1	20.2	5	20.7
		3	3	20.2	20.1	20.2	5	20.7	20.2	20.1	20.2	5	20.7
		6	0	20.2	20.1	20.2	5	20.7	20.2	20.1	20.2	5	20.7

LTE Band 5 Measured Results (ANT2)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)			Mode B Power (dBm)		
				20525	MPR	Max Power	20525	MPR	Max Power
				836.5 MHz			836.5 MHz		
10	QPSK	1	0	22.1	0	23.4	23.9	0	25.2
		1	25	22.1	0	23.4	23.9	0	25.2
		1	49	22.1	0	23.4	23.9	0	25.2
		25	0	22.1	0	23.4	23.2	1	24.2
		25	12	22.2	0	23.4	23.2	1	24.2
		25	25	22.2	0	23.4	23.2	1	24.2
		50	0	22.2	0	23.4	23.2	1	24.2
	16QAM	1	0	22.7	0	23.4	23.8	1	24.2
		1	25	22.6	0	23.4	23.6	1	24.2
		1	49	22.7	0	23.4	23.8	1	24.2
		25	0	22.3	0.2	23.2	22.4	2	23.2
		25	12	22.4	0.2	23.2	22.5	2	23.2
		25	25	22.4	0.2	23.2	22.4	2	23.2
		50	0	22.4	0.2	23.2	22.4	2	23.2
	64QAM	1	0	22.5	0.2	23.2	22.6	2	23.2
		1	25	22.5	0.2	23.2	22.6	2	23.2
		1	49	22.5	0.2	23.2	22.7	2	23.2
		25	0	21.4	1.2	22.2	21.4	3	22.2
		25	12	21.5	1.2	22.2	21.4	3	22.2
		25	25	21.4	1.2	22.2	21.4	3	22.2
		50	0	21.5	1.2	22.2	21.4	3	22.2
	256QAM	1	0	19.5	3.2	20.2	19.5	5	20.2
		1	25	19.6	3.2	20.2	19.5	5	20.2
		1	49	19.6	3.2	20.2	19.5	5	20.2
		25	0	19.4	3.2	20.2	19.3	5	20.2
		25	12	19.5	3.2	20.2	19.4	5	20.2
		25	25	19.5	3.2	20.2	19.4	5	20.2
		50	0	19.4	3.2	20.2	19.4	5	20.2

BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)				Mode B Power (dBm)				
				20425	20525	20625	MPR	Max Power	20425	20525	20625	MPR	Max Power
				826.5 MHz	836.5 MHz	846.5 MHz			826.5 MHz	836.5 MHz	846.5 MHz		
5	QPSK	1	0	22.4	22.3	22.4	0	23.4	24.1	24.0	24.1	0	25.2
		1	12	22.5	22.3	22.5	0	23.4	24.2	24.2	24.3	0	25.2
		1	24	22.4	22.3	22.4	0	23.4	24.1	24.0	24.2	0	25.2
		12	0	22.4	22.2	22.4	0	23.4	23.5	23.3	23.4	1	24.2
		12	7	22.5	22.3	22.4	0	23.4	23.5	23.4	23.5	1	24.2
		12	13	22.4	22.3	22.4	0	23.4	23.5	23.4	23.6	1	24.2
		25	0	22.4	22.3	22.3	0	23.4	23.5	23.4	23.5	1	24.2
	16QAM	1	0	22.7	22.6	22.8	0	23.4	23.8	23.7	23.8	1	24.2
		1	12	22.9	22.7	22.8	0	23.4	23.8	23.8	24.0	1	24.2
		1	24	22.7	22.6	22.8	0	23.4	23.8	23.7	23.8	1	24.2
		12	0	22.6	22.3	22.4	0.2	23.2	22.6	22.3	22.5	2	23.2
		12	7	22.6	22.4	22.4	0.2	23.2	22.6	22.5	22.5	2	23.2
		12	13	22.6	22.4	22.5	0.2	23.2	22.6	22.4	22.6	2	23.2
		25	0	22.4	22.4	22.4	0.2	23.2	22.5	22.4	22.4	2	23.2
	64QAM	1	0	22.6	22.4	22.5	0.2	23.2	22.5	22.5	22.6	2	23.2
		1	12	22.6	22.4	22.6	0.2	23.2	22.6	22.5	22.6	2	23.2
		1	24	22.6	22.4	22.5	0.2	23.2	22.5	22.5	22.7	2	23.2
		12	0	21.6	21.4	21.5	1.2	22.2	21.5	21.4	21.5	3	22.2
		12	7	21.6	21.5	21.5	1.2	22.2	21.5	21.5	21.5	3	22.2
		12	13	21.6	21.5	21.6	1.2	22.2	21.5	21.4	21.6	3	22.2
		25	0	21.5	21.5	21.5	1.2	22.2	21.5	21.4	21.5	3	22.2
	256QAM	1	0	19.5	19.4	19.6	3.2	20.2	19.6	19.6	19.5	5	20.2
		1	12	19.6	19.5	19.7	3.2	20.2	19.6	19.6	19.7	5	20.2
		1	24	19.6	19.5	19.7	3.2	20.2	19.5	19.5	19.6	5	20.2
		12	0	19.6	19.4	19.5	3.2	20.2	19.5	19.3	19.4	5	20.2
		12	7	19.6	19.5	19.5	3.2	20.2	19.5	19.5	19.5	5	20.2
		12	13	19.6	19.4	19.5	3.2	20.2	19.5	19.4	19.5	5	20.2
		25	0	19.5	19.4	19.5	3.2	20.2	19.4	19.4	19.5	5	20.2

LTE Band 5 Measured Results (ANT2) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				20415	20525	20635	MPR	Max Power	20415	20525	20635	MPR	Max Power
				825.5 MHz	836.5 MHz	847.5 MHz			825.5 MHz	836.5 MHz	847.5 MHz		
3	QPSK	1	0	22.3	22.2	22.4	0	23.4	24.0	24.0	24.1	0	25.2
		1	8	22.5	22.3	22.5	0	23.4	24.1	24.1	24.3	0	25.2
		1	14	22.4	22.2	22.4	0	23.4	24.0	24.0	24.1	0	25.2
		8	0	22.4	22.2	22.4	0	23.4	23.5	23.3	23.5	1	24.2
		8	4	22.5	22.3	22.5	0	23.4	23.5	23.4	23.6	1	24.2
		8	7	22.5	22.3	22.4	0	23.4	23.5	23.4	23.6	1	24.2
		15	0	22.4	22.3	22.3	0	23.4	23.5	23.4	23.5	1	24.2
	16QAM	1	0	22.8	22.5	22.7	0	23.4	23.7	23.6	23.7	1	24.2
		1	8	22.8	22.6	22.8	0	23.4	23.8	23.8	23.8	1	24.2
		1	14	22.7	22.5	22.7	0	23.4	23.7	23.6	23.7	1	24.2
		8	0	22.5	22.3	22.5	0.2	23.2	22.5	22.3	22.5	2	23.2
		8	4	22.6	22.4	22.6	0.2	23.2	22.6	22.5	22.6	2	23.2
		8	7	22.5	22.4	22.6	0.2	23.2	22.6	22.5	22.7	2	23.2
		15	0	22.5	22.3	22.4	0.2	23.2	22.5	22.4	22.5	2	23.2
	64QAM	1	0	22.6	22.4	22.7	0.2	23.2	22.6	22.6	22.6	2	23.2
		1	8	22.7	22.5	22.8	0.2	23.2	22.6	22.7	22.8	2	23.2
		1	14	22.6	22.5	22.7	0.2	23.2	22.6	22.7	22.7	2	23.2
		8	0	21.6	21.4	21.5	1.2	22.2	21.5	21.4	21.5	3	22.2
		8	4	21.6	21.5	21.6	1.2	22.2	21.6	21.5	21.6	3	22.2
		8	7	21.6	21.5	21.6	1.2	22.2	21.5	21.5	21.6	3	22.2
		15	0	21.6	21.4	21.5	1.2	22.2	21.5	21.4	21.5	3	22.2
	256QAM	1	0	19.6	19.5	19.5	3.2	20.2	19.5	19.4	19.5	5	20.2
		1	8	19.7	19.7	19.7	3.2	20.2	19.6	19.6	19.7	5	20.2
		1	14	19.6	19.6	19.6	3.2	20.2	19.5	19.5	19.6	5	20.2
		8	0	19.5	19.3	19.5	3.2	20.2	19.5	19.3	19.5	5	20.2
		8	4	19.6	19.5	19.6	3.2	20.2	19.5	19.4	19.6	5	20.2
		8	7	19.6	19.5	19.6	3.2	20.2	19.5	19.5	19.6	5	20.2
		15	0	19.5	19.4	19.5	3.2	20.2	19.5	19.4	19.5	5	20.2

BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				20407	20525	20643	MPR	Max Power	20407	20525	20643	MPR	Max Power
				824.7 MHz	836.5 MHz	848.3 MHz			824.7 MHz	836.5 MHz	848.3 MHz		
1.4	QPSK	1	0	22.3	22.3	22.4	0	23.4	24.1	24.1	24.2	0	25.2
		1	3	22.3	22.3	22.4	0	23.4	24.2	24.1	24.3	0	25.2
		1	5	22.3	22.3	22.4	0	23.4	24.1	24.0	24.2	0	25.2
		3	0	22.3	22.2	22.4	0	23.4	24.1	24.0	24.2	0	25.2
		3	1	22.3	22.3	22.4	0	23.4	24.1	24.0	24.2	0	25.2
		3	3	22.4	22.3	22.4	0	23.4	24.1	24.0	24.2	0	25.2
		6	0	22.3	22.3	22.4	0	23.4	23.4	23.4	23.5	1	24.2
	16QAM	1	0	22.6	22.6	22.7	0	23.4	23.7	23.6	23.8	1	24.2
		1	3	22.6	22.6	22.7	0	23.4	23.8	23.8	23.9	1	24.2
		1	5	22.5	22.6	22.7	0	23.4	23.8	23.7	23.8	1	24.2
		3	0	22.5	22.5	22.6	0	23.4	23.6	23.5	23.7	1	24.2
		3	1	22.5	22.5	22.6	0	23.4	23.6	23.5	23.7	1	24.2
		3	3	22.5	22.5	22.6	0	23.4	23.6	23.5	23.7	1	24.2
		6	0	22.4	22.3	22.5	0.2	23.2	22.6	22.5	22.6	2	23.2
	64QAM	1	0	22.6	22.3	22.6	0.2	23.2	22.5	22.5	22.7	2	23.2
		1	3	22.6	22.4	22.6	0.2	23.2	22.6	22.5	22.7	2	23.2
		1	5	22.5	22.3	22.6	0.2	23.2	22.6	22.5	22.7	2	23.2
		3	0	22.4	22.3	22.5	0.2	23.2	22.5	22.5	22.6	2	23.2
		3	1	22.5	22.3	22.5	0.2	23.2	22.5	22.5	22.6	2	23.2
		3	3	22.5	22.3	22.5	0.2	23.2	22.5	22.5	22.6	2	23.2
		6	0	21.5	21.4	21.5	1.2	22.2	21.5	21.5	21.5	3	22.2
	256QAM	1	0	19.6	19.5	19.6	3.2	20.2	19.4	19.6	19.7	5	20.2
		1	3	19.7	19.5	19.6	3.2	20.2	19.6	19.5	19.6	5	20.2
		1	5	19.6	19.4	19.6	3.2	20.2	19.6	19.4	19.7	5	20.2
		3	0	19.5	19.4	19.6	3.2	20.2	19.5	19.5	19.5	5	20.2
		3	1	19.5	19.4	19.6	3.2	20.2	19.5	19.4	19.5	5	20.2
		3	3	19.5	19.4	19.6	3.2	20.2	19.5	19.5	19.5	5	20.2
		6	0	19.4	19.3	19.5	3.2	20.2	19.5	19.3	19.6	5	20.2

LTE Band 7 Measured Results (ANT1)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				20850	21100	21350	MPR	Max Power	20850	21100	21350	MPR	Max Power
				2510 MHz	2535 MHz	2560 MHz			2510 MHz	2535 MHz	2560 MHz		
20	QPSK	1	0	20.8	20.8	20.7	0	22.0	19.7	19.6	19.5	0	20.8
		1	49	20.7	20.8	20.8	0	22.0	19.7	19.6	19.6	0	20.8
		1	99	20.7	20.7	20.8	0	22.0	19.7	19.6	19.6	0	20.8
		50	0	20.8	20.8	20.8	0	22.0	19.7	19.6	19.6	0	20.8
		50	24	20.8	20.8	20.8	0	22.0	19.8	19.6	19.7	0	20.8
		50	50	20.8	20.9	20.8	0	22.0	19.8	19.7	19.7	0	20.8
		100	0	20.8	20.8	20.8	0	22.0	19.7	19.6	19.7	0	20.8
	16QAM	1	0	20.9	20.8	20.9	0	22.0	19.9	20.0	20.0	0	20.8
		1	49	21.1	21.1	21.2	0	22.0	20.2	20.3	20.2	0	20.8
		1	99	20.8	20.8	21.0	0	22.0	20.0	20.1	20.1	0	20.8
		50	0	20.9	20.8	20.8	0	22.0	19.8	19.9	19.8	0	20.8
		50	24	20.9	20.8	20.8	0	22.0	19.9	19.9	19.8	0	20.8
		50	50	20.9	20.8	20.9	0	22.0	19.9	20.0	19.9	0	20.8
		100	0	20.9	20.8	20.8	0	22.0	19.9	19.9	19.8	0	20.8
	64QAM	1	0	21.0	20.9	20.9	0	22.0	19.7	19.8	19.7	0	20.8
		1	49	21.1	21.1	21.1	0	22.0	19.8	19.9	19.9	0	20.8
		1	99	21.0	20.9	21.0	0	22.0	19.8	19.8	19.7	0	20.8
		50	0	20.9	20.8	20.8	0	22.0	19.6	19.6	19.6	0	20.8
		50	24	20.9	20.9	20.9	0	22.0	19.8	19.7	19.6	0	20.8
		50	50	20.9	20.9	20.9	0	22.0	19.7	19.7	19.7	0	20.8
		100	0	20.9	20.8	20.8	0	22.0	19.7	19.7	19.6	0	20.8
	256QAM	1	0	19.9	19.9	20.0	1.3	20.7	19.8	19.9	19.9	0.1	20.7
		1	49	19.9	19.9	20.0	1.3	20.7	20.0	20.0	20.0	0.1	20.7
		1	99	19.9	20.0	20.2	1.3	20.7	20.1	20.1	20.1	0.1	20.7
		50	0	19.9	19.8	19.8	1.3	20.7	19.7	19.8	19.8	0.1	20.7
		50	24	19.9	19.9	19.9	1.3	20.7	19.9	19.9	19.8	0.1	20.7
		50	50	19.9	19.8	19.9	1.3	20.7	19.9	20.0	19.9	0.1	20.7
		100	0	19.9	19.8	19.8	1.3	20.7	19.9	19.9	19.8	0.1	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				20825	21100	21375	MPR	Max Power	20825	21100	21375	MPR	Max Power
				2507.5 MHz	2535 MHz	2562.5 MHz			2507.5 MHz	2535 MHz	2562.5 MHz		
15	QPSK	1	0	20.7	20.6	20.5	0	22.0	19.5	19.4	19.4	0	20.8
		1	37	20.7	20.6	20.6	0	22.0	19.5	19.4	19.4	0	20.8
		1	74	20.6	20.5	20.5	0	22.0	19.5	19.4	19.4	0	20.8
		36	0	20.7	20.6	20.5	0	22.0	19.6	19.4	19.4	0	20.8
		36	20	20.7	20.6	20.6	0	22.0	19.6	19.5	19.4	0	20.8
		36	39	20.7	20.6	20.6	0	22.0	19.6	19.5	19.5	0	20.8
		75	0	20.7	20.6	20.5	0	22.0	19.6	19.4	19.4	0	20.8
	16QAM	1	0	20.9	21.0	21.1	0	22.0	20.0	20.2	20.1	0	20.8
		1	37	21.1	21.0	21.2	0	22.0	20.1	20.2	20.1	0	20.8
		1	74	21.0	21.0	21.0	0	22.0	20.2	20.1	20.1	0	20.8
		36	0	20.9	20.8	20.9	0	22.0	19.9	19.9	19.8	0	20.8
		36	20	21.0	20.9	20.9	0	22.0	19.9	19.9	19.9	0	20.8
		36	39	20.9	20.9	20.9	0	22.0	19.9	20.0	19.9	0	20.8
		75	0	20.9	20.9	20.9	0	22.0	19.9	19.8	19.9	0	20.8
	64QAM	1	0	21.0	21.0	21.0	0	22.0	19.7	19.7	19.7	0	20.8
		1	37	21.0	21.0	21.1	0	22.0	19.7	19.8	19.8	0	20.8
		1	74	21.0	21.0	21.1	0	22.0	19.7	19.7	19.8	0	20.8
		36	0	20.9	20.8	20.9	0	22.0	19.6	19.6	19.5	0	20.8
		36	20	21.0	20.9	21.0	0	22.0	19.7	19.6	19.7	0	20.8
		36	39	20.9	20.9	20.9	0	22.0	19.7	19.7	19.6	0	20.8
		75	0	20.9	20.9	21.0	0	22.0	19.7	19.6	19.7	0	20.8
	256QAM	1	0	20.0	20.0	20.0	1.3	20.7	19.9	20.0	19.9	0.1	20.7
		1	37	20.1	20.1	20.1	1.3	20.7	20.0	20.1	20.0	0.1	20.7
		1	74	20.2	20.1	20.1	1.3	20.7	20.1	20.2	20.1	0.1	20.7
		36	0	19.9	19.8	19.9	1.3	20.7	19.9	19.9	19.8	0.1	20.7
		36	20	20.0	19.9	19.9	1.3	20.7	19.9	19.9	19.9	0.1	20.7
		36	39	19.9	19.9	19.9	1.3	20.7	19.9	20.0	19.9	0.1	20.7
		75	0	19.9	19.9	19.9	1.3	20.7	19.9	19.8	19.9	0.1	20.7

LTE Band 7 Measured Results (ANT1) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				20800	21100	21400	MPR	Max Power	20800	21100	21400	MPR	Max Power
				2505 MHz	2535 MHz	2565 MHz			2505 MHz	2535 MHz	2565 MHz		
10	QPSK	1	0	20.9	20.8	20.7	0	22.0	19.8	19.6	19.6	0	20.8
		1	25	20.9	20.7	20.7	0	22.0	19.7	19.7	19.6	0	20.8
		1	49	20.8	20.8	20.7	0	22.0	19.7	19.6	19.5	0	20.8
		25	0	20.9	20.7	20.7	0	22.0	19.8	19.6	19.5	0	20.8
		25	12	20.9	20.8	20.8	0	22.0	19.8	19.6	19.6	0	20.8
		25	25	20.9	20.8	20.8	0	22.0	19.8	19.7	19.6	0	20.8
		50	0	20.9	20.7	20.8	0	22.0	19.8	19.6	19.6	0	20.8
	16QAM	1	0	21.3	21.3	21.4	0	22.0	20.4	20.5	20.4	0	20.8
		1	25	21.2	21.3	21.3	0	22.0	20.3	20.4	20.4	0	20.8
		1	49	21.2	21.2	21.4	0	22.0	20.4	20.5	20.4	0	20.8
		25	0	21.2	21.0	21.1	0	22.0	20.1	20.1	20.0	0	20.8
		25	12	21.2	21.1	21.2	0	22.0	20.1	20.1	20.0	0	20.8
		25	25	21.2	21.1	21.2	0	22.0	20.1	20.1	20.1	0	20.8
		50	0	21.1	21.1	21.2	0	22.0	20.1	20.0	20.1	0	20.8
	64QAM	1	0	21.3	21.3	21.3	0	22.0	20.0	19.9	19.9	0	20.8
		1	25	21.2	21.3	21.3	0	22.0	20.0	20.0	19.9	0	20.8
		1	49	21.2	21.3	21.2	0	22.0	20.0	20.0	19.9	0	20.8
		25	0	21.1	21.0	21.0	0	22.0	19.8	19.8	19.8	0	20.8
		25	12	21.1	21.1	21.2	0	22.0	19.8	19.7	19.8	0	20.8
		25	25	21.1	21.1	21.1	0	22.0	19.8	19.8	19.8	0	20.8
		50	0	21.1	21.1	21.1	0	22.0	19.8	19.7	19.8	0	20.8
	256QAM	1	0	20.2	20.1	20.2	1.3	20.7	20.1	20.0	20.1	0.1	20.7
		1	25	20.2	20.2	20.3	1.3	20.7	20.1	20.2	20.1	0.1	20.7
		1	49	20.2	20.2	20.1	1.3	20.7	20.1	20.2	20.1	0.1	20.7
		25	0	20.1	20.0	20.0	1.3	20.7	20.0	20.0	20.0	0.1	20.7
		25	12	20.1	20.1	20.2	1.3	20.7	20.1	20.0	20.1	0.1	20.7
		25	25	20.1	20.1	20.1	1.3	20.7	20.1	20.1	20.0	0.1	20.7
		50	0	20.1	20.1	20.1	1.3	20.7	20.0	20.0	20.0	0.1	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				20775	21100	21425	MPR	Max Power	20775	21100	21425	MPR	Max Power
				2502.5 MHz	2535 MHz	2567.5 MHz			2502.5 MHz	2535 MHz	2567.5 MHz		
5	QPSK	1	0	20.9	20.7	20.7	0	22.0	19.7	19.6	19.6	0	20.8
		1	12	20.9	20.8	20.8	0	22.0	19.8	19.7	19.7	0	20.8
		1	24	20.8	20.7	20.7	0	22.0	19.7	19.6	19.6	0	20.8
		12	0	20.9	20.7	20.7	0	22.0	19.7	19.6	19.6	0	20.8
		12	7	20.9	20.8	20.7	0	22.0	19.8	19.7	19.6	0	20.8
		12	13	20.9	20.8	20.7	0	22.0	19.7	19.7	19.6	0	20.8
		25	0	20.9	20.7	20.7	0	22.0	19.7	19.6	19.6	0	20.8
	16QAM	1	0	21.2	21.3	21.2	0	22.0	20.5	20.4	20.4	0	20.8
		1	12	21.3	21.4	21.3	0	22.0	20.6	20.5	20.6	0	20.8
		1	24	21.3	21.2	21.2	0	22.0	20.5	20.5	20.4	0	20.8
		12	0	21.1	21.0	21.2	0	22.0	20.2	20.1	20.0	0	20.8
		12	7	21.2	21.2	21.2	0	22.0	20.2	20.1	20.1	0	20.8
		12	13	21.1	21.1	21.3	0	22.0	20.2	20.2	20.1	0	20.8
		25	0	21.1	21.1	21.1	0	22.0	20.1	20.1	20.0	0	20.8
	64QAM	1	0	21.4	21.2	21.3	0	22.0	20.0	19.9	19.9	0	20.8
		1	12	21.4	21.3	21.4	0	22.0	20.0	19.9	19.9	0	20.8
		1	24	21.3	21.2	21.4	0	22.0	19.9	19.9	19.9	0	20.8
		12	0	21.1	21.0	21.1	0	22.0	19.8	19.7	19.7	0	20.8
		12	7	21.2	21.1	21.1	0	22.0	19.9	19.8	19.8	0	20.8
		12	13	21.1	21.1	21.1	0	22.0	19.8	19.8	19.8	0	20.8
		25	0	21.1	21.1	21.0	0	22.0	19.8	19.7	19.7	0	20.8
	256QAM	1	0	20.2	20.2	20.1	1.3	20.7	20.0	20.1	20.0	0.1	20.7
		1	12	20.4	20.4	20.3	1.3	20.7	20.1	20.2	20.1	0.1	20.7
		1	24	20.2	20.2	20.2	1.3	20.7	20.1	20.2	20.1	0.1	20.7
		12	0	20.1	20.0	20.1	1.3	20.7	20.0	20.0	19.9	0.1	20.7
		12	7	20.1	20.1	20.1	1.3	20.7	20.1	20.1	20.1	0.1	20.7
		12	13	20.1	20.0	20.1	1.3	20.7	20.0	20.1	20.0	0.1	20.7
		25	0	20.1	20.1	20.1	1.3	20.7	20.0	20.0	19.9	0.1	20.7

LTE Band 7 Measured Results (ANT2)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				20850	21100	21350	MPR	Max Power	20850	21100	21350	MPR	Max Power
				2510 MHz	2535 MHz	2560 MHz			2510 MHz	2535 MHz	2560 MHz		
20	QPSK	1	0	16.2	16.1	16.1	0	17.7	16.8	16.7	16.6	0	18.3
		1	49	16.2	16.2	16.1	0	17.7	16.7	16.7	16.7	0	18.3
		1	99	16.2	16.1	16.1	0	17.7	16.7	16.7	16.8	0	18.3
		50	0	16.3	16.2	16.2	0	17.7	16.8	16.8	16.8	0	18.3
		50	24	16.3	16.2	16.2	0	17.7	16.8	16.7	16.8	0	18.3
		50	50	16.2	16.2	16.2	0	17.7	16.8	16.7	16.8	0	18.3
		100	0	16.3	16.1	16.2	0	17.7	16.9	16.7	16.8	0	18.3
	16QAM	1	0	16.5	16.5	16.2	0	17.7	17.2	17.1	16.9	0	18.3
		1	49	16.7	16.9	16.5	0	17.7	17.4	17.4	17.1	0	18.3
		1	99	16.5	16.5	16.3	0	17.7	17.2	17.1	17.0	0	18.3
		50	0	16.3	16.2	16.2	0	17.7	16.9	16.9	16.9	0	18.3
		50	24	16.3	16.1	16.2	0	17.7	16.9	16.8	16.9	0	18.3
		50	50	16.2	16.2	16.2	0	17.7	16.9	16.9	16.9	0	18.3
		100	0	16.3	16.1	16.2	0	17.7	16.9	16.8	16.9	0	18.3
	64QAM	1	0	16.4	16.2	16.2	0	17.7	17.0	16.9	16.8	0	18.3
		1	49	16.5	16.5	16.4	0	17.7	17.0	17.1	17.1	0	18.3
		1	99	16.3	16.4	16.4	0	17.7	17.0	17.0	17.0	0	18.3
		50	0	16.3	16.2	16.2	0	17.7	16.9	16.9	16.9	0	18.3
		50	24	16.3	16.2	16.3	0	17.7	16.9	16.8	16.9	0	18.3
		50	50	16.2	16.2	16.3	0	17.7	16.8	16.8	16.9	0	18.3
		100	0	16.3	16.2	16.3	0	17.7	16.9	16.8	16.9	0	18.3
	256QAM	1	0	16.3	16.3	16.2	0	17.7	17.1	16.9	16.9	0	18.3
		1	49	16.4	16.3	16.2	0	17.7	17.1	17.0	17.0	0	18.3
		1	99	16.4	16.4	16.3	0	17.7	17.1	17.0	16.9	0	18.3
		50	0	16.2	16.2	16.2	0	17.7	16.8	16.9	16.9	0	18.3
		50	24	16.3	16.2	16.3	0	17.7	16.9	16.8	16.9	0	18.3
		50	50	16.2	16.2	16.3	0	17.7	16.8	16.8	16.9	0	18.3
		100	0	16.2	16.1	16.2	0	17.7	16.9	16.8	16.9	0	18.3

BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				20825	21100	21375	MPR	Max Power	20825	21100	21375	MPR	Max Power
				2507.5 MHz	2535 MHz	2562.5 MHz			2507.5 MHz	2535 MHz	2562.5 MHz		
15	QPSK	1	0	16.1	16.0	16.1	0	17.7	16.8	16.7	16.7	0	18.3
		1	37	16.1	16.0	16.1	0	17.7	16.8	16.7	16.8	0	18.3
		1	74	16.1	16.0	16.1	0	17.7	16.7	16.7	16.8	0	18.3
		36	0	16.2	16.1	16.1	0	17.7	16.8	16.8	16.8	0	18.3
		36	20	16.1	16.2	16.1	0	17.7	16.8	16.8	16.8	0	18.3
		36	39	16.1	16.1	16.1	0	17.7	16.8	16.8	16.9	0	18.3
		75	0	16.1	16.1	16.1	0	17.7	16.7	16.7	16.8	0	18.3
	16QAM	1	0	16.4	16.4	16.4	0	17.7	17.1	17.1	17.1	0	18.3
		1	37	16.4	16.4	16.4	0	17.7	17.1	17.1	17.0	0	18.3
		1	74	16.3	16.4	16.4	0	17.7	17.0	17.0	17.1	0	18.3
		36	0	16.2	16.2	16.2	0	17.7	16.9	16.8	16.9	0	18.3
		36	20	16.2	16.2	16.2	0	17.7	16.9	16.9	16.9	0	18.3
		36	39	16.2	16.1	16.2	0	17.7	16.9	16.8	16.9	0	18.3
		75	0	16.2	16.1	16.2	0	17.7	16.8	16.8	16.8	0	18.3
	64QAM	1	0	16.3	16.2	16.4	0	17.7	16.9	16.9	16.9	0	18.3
		1	37	16.4	16.3	16.4	0	17.7	17.0	16.9	17.0	0	18.3
		1	74	16.3	16.2	16.3	0	17.7	17.0	16.8	17.0	0	18.3
		36	0	16.3	16.2	16.2	0	17.7	16.9	16.8	16.8	0	18.3
		36	20	16.2	16.2	16.2	0	17.7	16.8	16.9	16.9	0	18.3
		36	39	16.2	16.2	16.2	0	17.7	16.8	16.8	16.9	0	18.3
		75	0	16.2	16.1	16.3	0	17.7	16.8	16.8	16.9	0	18.3
	256QAM	1	0	16.2	16.3	16.3	0	17.7	16.9	16.9	16.9	0	18.3
		1	37	16.2	16.4	16.3	0	17.7	16.9	17.0	17.0	0	18.3
		1	74	16.2	16.3	16.4	0	17.7	16.9	16.9	17.0	0	18.3
		36	0	16.3	16.2	16.2	0	17.7	16.9	16.8	16.9	0	18.3
		36	20	16.2	16.2	16.2	0	17.7	16.8	16.8	16.9	0	18.3
		36	39	16.2	16.1	16.2	0	17.7	16.8	16.8	16.9	0	18.3
		75	0	16.2	16.1	16.2	0	17.7	16.9	16.8	16.9	0	18.3

LTE Band 7 Measured Results (ANT2) (continued)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				20850	21100	21350	MPR	Max Power	20850	21100	21350	MPR	Max Power
				2510 MHz	2535 MHz	2560 MHz			2510 MHz	2535 MHz	2560 MHz		
20	QPSK	1	0	16.2	16.1	16.1	0	17.7	16.8	16.7	16.6	0	18.3
		1	49	16.2	16.2	16.1	0	17.7	16.7	16.7	16.7	0	18.3
		1	99	16.2	16.1	16.1	0	17.7	16.7	16.7	16.8	0	18.3
		50	0	16.3	16.2	16.2	0	17.7	16.8	16.8	16.8	0	18.3
		50	24	16.3	16.2	16.2	0	17.7	16.8	16.7	16.8	0	18.3
		50	50	16.2	16.2	16.2	0	17.7	16.8	16.7	16.8	0	18.3
		100	0	16.3	16.1	16.2	0	17.7	16.9	16.7	16.8	0	18.3
	16QAM	1	0	16.5	16.5	16.2	0	17.7	17.2	17.1	16.9	0	18.3
		1	49	16.7	16.9	16.5	0	17.7	17.4	17.4	17.1	0	18.3
		1	99	16.5	16.5	16.3	0	17.7	17.2	17.1	17.0	0	18.3
		50	0	16.3	16.2	16.2	0	17.7	16.9	16.9	16.9	0	18.3
		50	24	16.3	16.1	16.2	0	17.7	16.9	16.8	16.9	0	18.3
		50	50	16.2	16.2	16.2	0	17.7	16.9	16.9	16.9	0	18.3
		100	0	16.3	16.1	16.2	0	17.7	16.9	16.8	16.9	0	18.3
	64QAM	1	0	16.4	16.2	16.2	0	17.7	17.0	16.9	16.8	0	18.3
		1	49	16.5	16.5	16.4	0	17.7	17.0	17.1	17.1	0	18.3
		1	99	16.3	16.4	16.4	0	17.7	17.0	17.0	17.0	0	18.3
		50	0	16.3	16.2	16.2	0	17.7	16.9	16.9	16.9	0	18.3
		50	24	16.3	16.2	16.3	0	17.7	16.9	16.8	16.9	0	18.3
		50	50	16.2	16.2	16.3	0	17.7	16.8	16.8	16.9	0	18.3
		100	0	16.3	16.2	16.3	0	17.7	16.9	16.8	16.9	0	18.3
	256QAM	1	0	16.3	16.3	16.2	0	17.7	17.1	16.9	16.9	0	18.3
		1	49	16.4	16.3	16.2	0	17.7	17.1	17.0	17.0	0	18.3
		1	99	16.4	16.4	16.3	0	17.7	17.1	17.0	16.9	0	18.3
		50	0	16.2	16.2	16.2	0	17.7	16.8	16.9	16.9	0	18.3
		50	24	16.3	16.2	16.3	0	17.7	16.9	16.8	16.9	0	18.3
		50	50	16.2	16.2	16.3	0	17.7	16.8	16.8	16.9	0	18.3
		100	0	16.2	16.1	16.2	0	17.7	16.9	16.8	16.9	0	18.3

BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				20825	21100	21375	MPR	Max Power	20825	21100	21375	MPR	Max Power
				2507.5 MHz	2535 MHz	2562.5 MHz			2507.5 MHz	2535 MHz	2562.5 MHz		
15	QPSK	1	0	16.1	16.0	16.1	0	17.7	16.8	16.7	16.7	0	18.3
		1	37	16.1	16.0	16.1	0	17.7	16.8	16.7	16.8	0	18.3
		1	74	16.1	16.0	16.1	0	17.7	16.7	16.7	16.8	0	18.3
		36	0	16.2	16.1	16.1	0	17.7	16.8	16.8	16.8	0	18.3
		36	20	16.1	16.2	16.1	0	17.7	16.8	16.8	16.8	0	18.3
		36	39	16.1	16.1	16.1	0	17.7	16.8	16.8	16.9	0	18.3
		75	0	16.1	16.1	16.1	0	17.7	16.7	16.7	16.8	0	18.3
	16QAM	1	0	16.4	16.4	16.4	0	17.7	17.1	17.1	17.1	0	18.3
		1	37	16.4	16.4	16.4	0	17.7	17.1	17.1	17.0	0	18.3
		1	74	16.3	16.4	16.4	0	17.7	17.0	17.0	17.1	0	18.3
		36	0	16.2	16.2	16.2	0	17.7	16.9	16.8	16.9	0	18.3
		36	20	16.2	16.2	16.2	0	17.7	16.9	16.9	16.9	0	18.3
		36	39	16.2	16.1	16.2	0	17.7	16.9	16.8	16.9	0	18.3
		75	0	16.2	16.1	16.2	0	17.7	16.8	16.8	16.8	0	18.3
	64QAM	1	0	16.3	16.2	16.4	0	17.7	16.9	16.9	16.9	0	18.3
		1	37	16.4	16.3	16.4	0	17.7	17.0	16.9	17.0	0	18.3
		1	74	16.3	16.2	16.3	0	17.7	17.0	16.8	17.0	0	18.3
		36	0	16.3	16.2	16.2	0	17.7	16.9	16.8	16.8	0	18.3
		36	20	16.2	16.2	16.2	0	17.7	16.8	16.9	16.9	0	18.3
		36	39	16.2	16.2	16.2	0	17.7	16.8	16.8	16.9	0	18.3
		75	0	16.2	16.1	16.3	0	17.7	16.8	16.8	16.9	0	18.3
	256QAM	1	0	16.2	16.3	16.3	0	17.7	16.9	16.9	16.9	0	18.3
		1	37	16.2	16.4	16.3	0	17.7	16.9	17.0	17.0	0	18.3
		1	74	16.2	16.3	16.4	0	17.7	16.9	16.9	17.0	0	18.3
		36	0	16.3	16.2	16.2	0	17.7	16.9	16.8	16.9	0	18.3
		36	20	16.2	16.2	16.2	0	17.7	16.8	16.8	16.9	0	18.3
		36	39	16.2	16.1	16.2	0	17.7	16.8	16.8	16.9	0	18.3
		75	0	16.2	16.1	16.2	0	17.7	16.9	16.8	16.9	0	18.3

LTE Band 7 Measured Results (ANT3)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				20850	21100	21350	MPR	Max Power	20850	21100	21350	MPR	Max Power
				2510 MHz	2535 MHz	2560 MHz			2510 MHz	2535 MHz	2560 MHz		
20	QPSK	1	0	20.5	20.5	20.5	0	21.4	18.3	18.4	18.4	0	19.3
		1	49	20.6	20.4	20.6	0	21.4	18.5	18.4	18.5	0	19.3
		1	99	20.5	20.5	20.7	0	21.4	18.5	18.3	18.5	0	19.3
		50	0	20.6	20.5	20.6	0	21.4	18.5	18.4	18.5	0	19.3
		50	24	20.6	20.5	20.6	0	21.4	18.5	18.5	18.5	0	19.3
		50	50	20.6	20.5	20.7	0	21.4	18.5	18.4	18.6	0	19.3
		100	0	20.6	20.5	20.6	0	21.4	18.5	18.4	18.5	0	19.3
	16QAM	1	0	20.6	20.6	20.5	0	21.4	18.5	18.5	18.4	0	19.3
		1	49	20.9	20.6	20.9	0	21.4	18.9	18.6	18.8	0	19.3
		1	99	20.7	20.5	20.6	0	21.4	18.5	18.4	18.6	0	19.3
		50	0	20.6	20.2	20.2	0	21.4	18.5	18.1	18.1	0	19.3
		50	24	20.6	20.2	20.4	0	21.4	18.5	18.1	18.3	0	19.3
		50	50	20.5	20.2	20.4	0	21.4	18.4	18.1	18.3	0	19.3
		100	0	20.5	20.2	20.4	0	21.4	18.4	18.1	18.3	0	19.3
	64QAM	1	0	20.5	20.4	20.2	0	21.4	18.4	18.2	18.3	0	19.3
		1	49	20.9	20.4	20.5	0	21.4	18.7	18.2	18.5	0	19.3
		1	99	20.6	20.3	20.5	0	21.4	18.5	18.2	18.5	0	19.3
		50	0	20.6	20.2	20.2	0	21.4	18.5	18.1	18.2	0	19.3
		50	24	20.7	20.2	20.4	0	21.4	18.5	18.1	18.4	0	19.3
		50	50	20.5	20.2	20.4	0	21.4	18.4	18.1	18.4	0	19.3
		100	0	20.5	20.2	20.4	0	21.4	18.4	18.1	18.3	0	19.3
	256QAM	1	0	19.5	19.4	19.1	1.4	20.0	18.5	18.3	18.2	0	19.3
		1	49	19.7	19.2	19.3	1.4	20.0	18.8	18.3	18.3	0	19.3
		1	99	19.6	19.3	19.4	1.4	20.0	18.6	18.4	18.5	0	19.3
		50	0	19.5	19.1	19.1	1.4	20.0	18.5	18.1	18.2	0	19.3
		50	24	19.5	19.1	19.3	1.4	20.0	18.5	18.1	18.3	0	19.3
		50	50	19.5	19.1	19.3	1.4	20.0	18.4	18.1	18.3	0	19.3
		100	0	19.4	19.1	19.3	1.4	20.0	18.4	18.1	18.3	0	19.3

BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				20825	21100	21375	MPR	Max Power	20825	21100	21375	MPR	Max Power
				2507.5 MHz	2535 MHz	2562.5 MHz			2507.5 MHz	2535 MHz	2562.5 MHz		
15	QPSK	1	0	20.4	20.5	20.5	0	21.4	18.3	18.3	18.5	0	19.3
		1	37	20.6	20.5	20.6	0	21.4	18.5	18.3	18.5	0	19.3
		1	74	20.6	20.4	20.6	0	21.4	18.5	18.3	18.5	0	19.3
		36	0	20.6	20.5	20.6	0	21.4	18.5	18.4	18.5	0	19.3
		36	20	20.6	20.5	20.6	0	21.4	18.5	18.4	18.5	0	19.3
		36	39	20.6	20.5	20.7	0	21.4	18.5	18.4	18.6	0	19.3
		75	0	20.6	20.5	20.6	0	21.4	18.5	18.4	18.5	0	19.3
	16QAM	1	0	20.7	20.5	20.5	0	21.4	18.5	18.4	18.5	0	19.3
		1	37	20.9	20.5	20.6	0	21.4	18.7	18.4	18.5	0	19.3
		1	74	20.8	20.3	20.6	0	21.4	18.6	18.3	18.5	0	19.3
		36	0	20.6	20.2	20.3	0	21.4	18.5	18.1	18.2	0	19.3
		36	20	20.7	20.2	20.3	0	21.4	18.5	18.1	18.2	0	19.3
		36	39	20.6	20.2	20.4	0	21.4	18.4	18.1	18.3	0	19.3
		75	0	20.6	20.2	20.4	0	21.4	18.4	18.1	18.3	0	19.3
	64QAM	1	0	20.6	20.4	20.4	0	21.4	18.4	18.3	18.3	0	19.3
		1	37	20.8	20.3	20.5	0	21.4	18.7	18.3	18.3	0	19.3
		1	74	20.7	20.3	20.6	0	21.4	18.6	18.2	18.4	0	19.3
		36	0	20.6	20.2	20.2	0	21.4	18.5	18.1	18.1	0	19.3
		36	20	20.7	20.2	20.3	0	21.4	18.5	18.1	18.2	0	19.3
		36	39	20.6	20.2	20.4	0	21.4	18.4	18.1	18.3	0	19.3
		75	0	20.6	20.2	20.4	0	21.4	18.4	18.1	18.3	0	19.3
	256QAM	1	0	19.5	19.3	19.3	1.4	20.0	18.4	18.3	18.2	0	19.3
		1	37	19.7	19.2	19.4	1.4	20.0	18.6	18.2	18.3	0	19.3
		1	74	19.6	19.3	19.5	1.4	20.0	18.5	18.3	18.4	0	19.3
		36	0	19.5	19.1	19.2	1.4	20.0	18.5	18.1	18.1	0	19.3
		36	20	19.6	19.1	19.2	1.4	20.0	18.5	18.1	18.2	0	19.3
		36	39	19.5	19.1	19.3	1.4	20.0	18.4	18.1	18.3	0	19.3
		75	0	19.5	19.1	19.3	1.4	20.0	18.4	18.1	18.2	0	19.3

LTE Band 7 Measured Results (ANT3) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				20800	21100	21400	MPR	Max Power	20800	21100	21400	MPR	Max Power
				2505 MHz	2535 MHz	2565 MHz			2505 MHz	2535 MHz	2565 MHz		
10	QPSK	1	0	20.6	20.6	20.7	0	21.4	18.5	18.6	18.6	0	19.3
		1	25	20.8	20.6	20.8	0	21.4	18.7	18.6	18.7	0	19.3
		1	49	20.8	20.6	20.8	0	21.4	18.7	18.5	18.7	0	19.3
		25	0	20.7	20.6	20.7	0	21.4	18.6	18.6	18.6	0	19.3
		25	12	20.7	20.6	20.8	0	21.4	18.6	18.6	18.8	0	19.3
		25	25	20.7	20.6	20.8	0	21.4	18.6	18.6	18.7	0	19.3
		50	0	20.7	20.6	20.8	0	21.4	18.6	18.6	18.7	0	19.3
	16QAM	1	0	20.9	20.8	20.9	0	21.4	18.8	18.7	18.7	0	19.3
		1	25	21.1	20.7	20.9	0	21.4	18.9	18.6	18.8	0	19.3
		1	49	21.1	20.8	20.9	0	21.4	18.9	18.6	18.8	0	19.3
		25	0	20.8	20.4	20.5	0	21.4	18.6	18.2	18.4	0	19.3
		25	12	20.8	20.4	20.6	0	21.4	18.6	18.2	18.5	0	19.3
		25	25	20.8	20.4	20.6	0	21.4	18.6	18.2	18.5	0	19.3
		50	0	20.7	20.4	20.6	0	21.4	18.6	18.2	18.4	0	19.3
	64QAM	1	0	20.9	20.5	20.6	0	21.4	18.7	18.4	18.6	0	19.3
		1	25	21.1	20.5	20.7	0	21.4	18.9	18.4	18.7	0	19.3
		1	49	21.1	20.5	20.7	0	21.4	18.9	18.4	18.7	0	19.3
		25	0	20.8	20.4	20.4	0	21.4	18.6	18.3	18.3	0	19.3
		25	12	20.8	20.4	20.5	0	21.4	18.6	18.3	18.5	0	19.3
		25	25	20.7	20.4	20.5	0	21.4	18.6	18.2	18.5	0	19.3
		50	0	20.7	20.3	20.5	0	21.4	18.6	18.2	18.4	0	19.3
	256QAM	1	0	19.6	19.3	19.4	1.4	20.0	18.6	18.3	18.5	0	19.3
		1	25	19.9	19.4	19.5	1.4	20.0	18.8	18.4	18.6	0	19.3
		1	49	19.8	19.4	19.6	1.4	20.0	18.7	18.4	18.7	0	19.3
		25	0	19.6	19.2	19.3	1.4	20.0	18.6	18.3	18.4	0	19.3
		25	12	19.6	19.3	19.4	1.4	20.0	18.6	18.3	18.5	0	19.3
		25	25	19.6	19.3	19.4	1.4	20.0	18.6	18.3	18.5	0	19.3
		50	0	19.6	19.2	19.4	1.4	20.0	18.6	18.2	18.5	0	19.3

BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				20775	21100	21425	MPR	Max Power	20775	21100	21425	MPR	Max Power
				2502.5 MHz	2535 MHz	2567.5 MHz			2502.5 MHz	2535 MHz	2567.5 MHz		
5	QPSK	1	0	20.6	20.6	20.8	0	21.4	18.4	18.5	18.6	0	19.3
		1	12	20.7	20.7	20.9	0	21.4	18.6	18.6	18.8	0	19.3
		1	24	20.7	20.6	20.8	0	21.4	18.6	18.5	18.7	0	19.3
		12	0	20.6	20.6	20.7	0	21.4	18.6	18.5	18.6	0	19.3
		12	7	20.7	20.7	20.9	0	21.4	18.6	18.5	18.8	0	19.3
		12	13	20.7	20.6	20.9	0	21.4	18.6	18.6	18.8	0	19.3
		25	0	20.7	20.6	20.8	0	21.4	18.6	18.5	18.7	0	19.3
	16QAM	1	0	20.9	20.7	20.9	0	21.4	18.8	18.7	18.8	0	19.3
		1	12	21.2	20.8	21.1	0	21.4	19.1	18.8	18.9	0	19.3
		1	24	21.1	20.7	21.0	0	21.4	19.1	18.7	18.8	0	19.3
		12	0	20.7	20.4	20.6	0	21.4	18.6	18.2	18.4	0	19.3
		12	7	20.8	20.4	20.7	0	21.4	18.8	18.3	18.5	0	19.3
		12	13	20.8	20.4	20.7	0	21.4	18.7	18.2	18.5	0	19.3
		25	0	20.7	20.3	20.6	0	21.4	18.7	18.3	18.5	0	19.3
	64QAM	1	0	20.4	20.5	20.6	0	21.4	18.7	18.4	18.6	0	19.3
		1	12	20.7	20.5	20.6	0	21.4	18.9	18.4	18.7	0	19.3
		1	24	20.6	20.6	20.6	0	21.4	18.9	18.4	18.6	0	19.3
		12	0	20.4	20.4	20.4	0	21.4	18.6	18.2	18.4	0	19.3
		12	7	20.4	20.4	20.4	0	21.4	18.7	18.3	18.5	0	19.3
		12	13	20.4	20.3	20.4	0	21.4	18.7	18.3	18.5	0	19.3
		25	0	20.5	20.4	20.4	0	21.4	18.7	18.3	18.5	0	19.3
	256QAM	1	0	19.5	19.5	19.3	1.4	20.0	18.7	18.5	18.4	0	19.3
		1	12	19.6	19.5	19.4	1.4	20.0	19.0	18.5	18.6	0	19.3
		1	24	19.6	19.5	19.4	1.4	20.0	18.9	18.5	18.6	0	19.3
		12	0	19.3	19.3	19.3	1.4	20.0	18.6	18.3	18.4	0	19.3
		12	7	19.3	19.3	19.3	1.4	20.0	18.7	18.3	18.5	0	19.3
		12	13	19.2	19.3	19.3	1.4	20.0	18.7	18.3	18.5	0	19.3
		25	0	19.3	19.2	19.3	1.4	20.0	18.7	18.3	18.5	0	19.3

LTE Band 7 Measured Results (ANT4)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				20850	21100	21350	MPR	Max Power	20850	21100	21350	MPR	Max Power
				2510 MHz	2535 MHz	2560 MHz			2510 MHz	2535 MHz	2560 MHz		
20	QPSK	1	0	17.3	17.3	17.3	0	18.7	19.4	19.4	19.3	0	19.6
		1	49	17.4	17.3	17.4	0	18.7	19.5	19.4	19.4	0	19.6
		1	99	17.4	17.3	17.5	0	18.7	19.5	19.4	19.5	0	19.6
		50	0	17.5	17.4	17.4	0	18.7	19.5	19.4	19.4	0	19.6
		50	24	17.5	17.4	17.5	0	18.7	19.6	19.2	19.5	0	19.6
		50	50	17.5	17.4	17.5	0	18.7	19.6	19.3	19.6	0	19.6
		100	0	17.5	17.4	17.4	0	18.7	19.5	19.2	19.5	0	19.6
	16QAM	1	0	17.7	17.8	17.7	0	18.7	19.5	19.5	19.5	0	19.6
		1	49	18.0	18.1	17.8	0	18.7	19.6	19.5	19.5	0	19.6
		1	99	17.9	17.8	17.7	0	18.7	19.6	19.6	19.6	0	19.6
		50	0	17.6	17.6	17.6	0	18.7	19.5	19.6	19.6	0	19.6
		50	24	17.5	17.5	17.7	0	18.7	19.6	19.5	19.5	0	19.6
		50	50	17.6	17.5	17.6	0	18.7	19.6	19.6	19.6	0	19.6
		100	0	17.5	17.5	17.6	0	18.7	19.6	19.6	19.6	0	19.6
	64QAM	1	0	17.6	17.6	17.6	0	18.7	19.6	19.5	19.6	0	19.6
		1	49	17.8	17.7	17.8	0	18.7	19.5	19.6	19.5	0	19.6
		1	99	17.6	17.6	17.7	0	18.7	19.5	19.6	19.6	0	19.6
		50	0	17.6	17.6	17.6	0	18.7	18.9	19.0	19.0	0	19.6
		50	24	17.5	17.5	17.6	0	18.7	18.9	19.0	19.0	0	19.6
		50	50	17.5	17.6	17.6	0	18.7	18.9	18.9	19.0	0	19.6
		100	0	17.5	17.5	17.6	0	18.7	18.9	18.9	19.0	0	19.6
	256QAM	1	0	16.8	17.0	17.0	1	17.7	17.1	17.1	17.1	1.9	17.7
		1	49	17.0	16.9	17.0	1	17.7	17.1	17.1	17.1	1.9	17.7
		1	99	17.0	17.1	17.0	1	17.7	17.1	17.1	17.1	1.9	17.7
		50	0	16.8	16.9	16.9	1	17.7	17.0	17.0	17.0	1.9	17.7
		50	24	16.8	16.8	16.9	1	17.7	16.9	17.0	17.0	1.9	17.7
		50	50	16.8	16.8	16.9	1	17.7	16.9	17.0	17.1	1.9	17.7
		100	0	16.8	16.8	16.9	1	17.7	16.9	17.0	17.0	1.9	17.7

BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				20825	21100	21375	MPR	Max Power	20825	21100	21375	MPR	Max Power
				2507.5 MHz	2535 MHz	2562.5 MHz			2507.5 MHz	2535 MHz	2562.5 MHz		
15	QPSK	1	0	17.4	17.4	17.5	0	18.7	19.5	19.6	19.6	0	19.6
		1	37	17.4	17.5	17.6	0	18.7	19.5	19.5	19.6	0	19.6
		1	74	17.5	17.4	17.5	0	18.7	19.6	19.6	19.5	0	19.6
		36	0	17.5	17.5	17.6	0	18.7	19.5	19.6	19.6	0	19.6
		36	20	17.6	17.6	17.6	0	18.7	19.6	19.6	19.6	0	19.6
		36	39	17.5	17.5	17.6	0	18.7	19.5	19.6	19.5	0	19.6
		75	0	17.5	17.5	17.6	0	18.7	19.5	19.6	19.5	0	19.6
	16QAM	1	0	17.7	17.7	17.8	0	18.7	19.6	19.5	19.6	0	19.6
		1	37	17.9	17.8	17.8	0	18.7	19.6	19.5	19.6	0	19.6
		1	74	17.7	17.7	17.8	0	18.7	19.5	19.6	19.5	0	19.6
		36	0	17.5	17.6	17.6	0	18.7	19.5	19.6	19.6	0	19.6
		36	20	17.6	17.6	17.6	0	18.7	19.6	19.5	19.5	0	19.6
		36	39	17.5	17.5	17.6	0	18.7	19.6	19.5	19.5	0	19.6
		75	0	17.5	17.5	17.6	0	18.7	19.6	19.6	19.5	0	19.6
	64QAM	1	0	17.5	17.6	17.7	0	18.7	19.5	19.6	19.5	0	19.6
		1	37	17.7	17.7	17.8	0	18.7	19.5	19.6	19.6	0	19.6
		1	74	17.6	17.6	17.6	0	18.7	19.6	19.5	19.6	0	19.6
		36	0	17.5	17.6	17.6	0	18.7	18.9	19.0	19.0	0	19.6
		36	20	17.6	17.6	17.6	0	18.7	19.0	19.0	19.0	0	19.6
		36	39	17.6	17.5	17.6	0	18.7	18.9	18.9	19.0	0	19.6
		75	0	17.5	17.5	17.6	0	18.7	18.9	18.9	19.0	0	19.6
	256QAM	1	0	16.8	17.0	16.9	1	17.7	16.9	17.1	17.1	1.9	17.7
		1	37	16.9	17.0	17.0	1	17.7	17.0	17.1	17.2	1.9	17.7
		1	74	16.9	17.0	16.9	1	17.7	17.1	17.1	17.1	1.9	17.7
		36	0	16.8	16.9	16.9	1	17.7	17.0	17.0	17.0	1.9	17.7
		36	20	16.9	16.9	16.9	1	17.7	17.0	17.0	17.0	1.9	17.7
		36	39	16.8	16.8	16.9	1	17.7	16.9	16.9	17.1	1.9	17.7
		75	0	16.8	16.8	16.9	1	17.7	16.9	16.9	17.1	1.9	17.7

LTE Band 7 Measured Results (ANT4) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				20800	21100	21400	MPR	Max Power	20800	21100	21400	MPR	Max Power
				2505 MHz	2535 MHz	2565 MHz			2505 MHz	2535 MHz	2565 MHz		
10	QPSK	1	0	17.5	17.6	17.7	0	18.7	19.5	19.5	19.6	0	19.6
		1	25	17.6	17.6	17.7	0	18.7	19.6	19.6	19.6	0	19.6
		1	49	17.6	17.6	17.7	0	18.7	19.6	19.6	19.6	0	19.6
		25	0	17.6	17.7	17.7	0	18.7	19.5	19.6	19.5	0	19.6
		25	12	17.7	17.7	17.8	0	18.7	19.6	19.6	19.5	0	19.6
		25	25	17.7	17.7	17.7	0	18.7	19.6	19.6	19.5	0	19.6
		50	0	17.6	17.6	17.7	0	18.7	19.5	19.6	19.6	0	19.6
	16QAM	1	0	17.9	18.1	18.1	0	18.7	19.6	19.5	19.6	0	19.6
		1	25	17.9	18.0	18.0	0	18.7	19.6	19.5	19.5	0	19.6
		1	49	17.9	18.0	18.0	0	18.7	19.6	19.6	19.5	0	19.6
		25	0	17.7	17.7	17.8	0	18.7	19.5	19.5	19.5	0	19.6
		25	12	17.7	17.7	17.8	0	18.7	19.6	19.5	19.6	0	19.6
		25	25	17.7	17.7	17.8	0	18.7	19.6	19.5	19.6	0	19.6
		50	0	17.6	17.6	17.7	0	18.7	19.5	19.6	19.6	0	19.6
	64QAM	1	0	17.7	17.8	17.9	0	18.7	19.6	19.6	19.6	0	19.6
		1	25	17.9	17.7	18.0	0	18.7	19.5	19.6	19.6	0	19.6
		1	49	17.9	17.8	17.9	0	18.7	19.5	19.6	19.6	0	19.6
		25	0	17.6	17.7	17.7	0	18.7	19.1	19.1	19.1	0	19.6
		25	12	17.7	17.7	17.8	0	18.7	19.1	19.1	19.2	0	19.6
		25	25	17.7	17.7	17.7	0	18.7	19.1	19.1	19.1	0	19.6
		50	0	17.7	17.6	17.7	0	18.7	19.1	19.0	19.1	0	19.6
	256QAM	1	0	16.9	17.1	17.0	1	17.7	17.1	17.2	17.3	1.9	17.7
		1	25	17.1	17.1	17.1	1	17.7	17.2	17.3	17.3	1.9	17.7
		1	49	17.0	17.0	17.0	1	17.7	17.2	17.1	17.2	1.9	17.7
		25	0	16.9	17.0	17.0	1	17.7	17.1	17.1	17.1	1.9	17.7
		25	12	17.0	17.0	17.1	1	17.7	17.1	17.2	17.2	1.9	17.7
		25	25	17.0	17.0	17.0	1	17.7	17.1	17.1	17.2	1.9	17.7
		50	0	16.9	16.9	17.0	1	17.7	17.1	17.0	17.2	1.9	17.7

BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				20775	21100	21425	MPR	Max Power	20775	21100	21425	MPR	Max Power
				2502.5 MHz	2535 MHz	2567.5 MHz			2502.5 MHz	2535 MHz	2567.5 MHz		
5	QPSK	1	0	17.5	17.6	17.7	0	18.7	19.6	19.5	19.6	0	19.6
		1	12	17.6	17.7	17.8	0	18.7	19.5	19.6	19.6	0	19.6
		1	24	17.6	17.6	17.7	0	18.7	19.6	19.6	19.6	0	19.6
		12	0	17.5	17.7	17.7	0	18.7	19.6	19.6	19.5	0	19.6
		12	7	17.6	17.7	17.8	0	18.7	19.6	19.6	19.6	0	19.6
		12	13	17.6	17.7	17.8	0	18.7	19.6	19.6	19.6	0	19.6
		25	0	17.6	17.7	17.7	0	18.7	19.6	19.6	19.6	0	19.6
	16QAM	1	0	17.8	18.0	18.0	0	18.7	19.6	19.5	19.6	0	19.6
		1	12	18.0	18.2	18.1	0	18.7	19.6	19.6	19.6	0	19.6
		1	24	17.9	18.0	18.1	0	18.7	19.6	19.6	19.5	0	19.6
		12	0	17.6	17.7	17.7	0	18.7	19.5	19.6	19.5	0	19.6
		12	7	17.7	17.8	17.7	0	18.7	19.6	19.6	19.6	0	19.6
		12	13	17.7	17.8	17.7	0	18.7	19.6	19.5	19.6	0	19.6
		25	0	17.6	17.7	17.8	0	18.7	19.6	19.6	19.6	0	19.6
	64QAM	1	0	17.8	17.8	17.8	0	18.7	19.6	19.6	19.5	0	19.6
		1	12	17.9	17.9	17.8	0	18.7	19.6	19.6	19.6	0	19.6
		1	24	17.8	17.9	17.8	0	18.7	19.5	19.5	19.6	0	19.6
		12	0	17.6	17.6	17.7	0	18.7	19.0	19.1	19.2	0	19.6
		12	7	17.7	17.7	17.8	0	18.7	19.1	19.1	19.2	0	19.6
		12	13	17.6	17.7	17.7	0	18.7	19.1	19.1	19.2	0	19.6
		25	0	17.6	17.7	17.7	0	18.7	19.0	19.1	19.1	0	19.6
	256QAM	1	0	17.0	17.1	17.0	1	17.7	17.0	17.3	17.2	1.9	17.7
		1	12	17.1	17.1	17.1	1	17.7	17.2	17.4	17.4	1.9	17.7
		1	24	17.1	17.1	17.1	1	17.7	17.1	17.3	17.3	1.9	17.7
		12	0	16.8	17.0	17.0	1	17.7	17.0	17.1	17.1	1.9	17.7
		12	7	16.9	17.1	17.0	1	17.7	17.1	17.1	17.2	1.9	17.7
		12	13	16.9	17.0	17.1	1	17.7	17.0	17.1	17.2	1.9	17.7
		25	0	16.9	17.0	17.0	1	17.7	17.0	17.1	17.2	1.9	17.7

LTE Band 12 Measured Results (ANT1)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)			Mode B Power (dBm)				
				[redacted]	23095	[redacted]	MPR	Max Power	[redacted]	23095	[redacted]	MPR	Max Power
					707.5 MHz					707.5 MHz			
10	QPSK	1	0		24.8		0	25.7		24.8		0	25.7
		1	25		24.9		0	25.7		24.9		0	25.7
		1	49		24.8		0	25.7		24.8		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		24.4		1	24.7		24.4		1	24.7
		1	25		24.3		1	24.7		24.3		1	24.7
		1	49		24.3		1	24.7		24.3		1	24.7
		25	0		23.0		2	23.7		23.0		2	23.7
		25	12		23.0		2	23.7		23.0		2	23.7
		25	25		23.1		2	23.7		23.1		2	23.7
		50	0		23.0		2	23.7		23.0		2	23.7
	64QAM	1	0		23.2		2	23.7		23.2		2	23.7
		1	25		23.3		2	23.7		23.3		2	23.7
		1	49		23.2		2	23.7		23.2		2	23.7
		25	0		22.0		3	22.7		22.0		3	22.7
		25	12		22.1		3	22.7		22.1		3	22.7
		25	25		22.1		3	22.7		22.1		3	22.7
		50	0		22.0		3	22.7		22.0		3	22.7
	256QAM	1	0		20.1		5	20.7		20.1		5	20.7
		1	25		20.2		5	20.7		20.2		5	20.7
		1	49		20.2		5	20.7		20.2		5	20.7
		25	0		20.0		5	20.7		20.0		5	20.7
		25	12		20.0		5	20.7		20.0		5	20.7
		25	25		20.1		5	20.7		20.1		5	20.7
		50	0		20.0		5	20.7		20.0		5	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				23035	23095	23155	MPR	Max Power	23035	23095	23155	MPR	Max Power
				701.5 MHz	707.5 MHz	713.5 MHz			701.5 MHz	707.5 MHz	713.5 MHz		
5	QPSK	1	0	24.6	24.7	24.7	0	25.7	24.6	24.7	24.7	0	25.7
		1	12	24.7	24.8	24.8	0	25.7	24.7	24.8	24.8	0	25.7
		1	24	24.6	24.7	24.7	0	25.7	24.6	24.7	24.7	0	25.7
		12	0	23.9	24.0	23.9	1	24.7	23.9	24.0	23.9	1	24.7
		12	7	24.0	24.0	23.9	1	24.7	24.0	24.0	23.9	1	24.7
		12	13	24.0	24.1	24.0	1	24.7	24.0	24.1	24.0	1	24.7
		25	0	24.0	24.0	24.0	1	24.7	24.0	24.0	24.0	1	24.7
	16QAM	1	0	24.3	24.3	24.4	1	24.7	24.3	24.3	24.4	1	24.7
		1	12	24.4	24.4	24.4	1	24.7	24.4	24.4	24.4	1	24.7
		1	24	24.3	24.4	24.4	1	24.7	24.3	24.4	24.4	1	24.7
		12	0	22.9	23.0	23.0	2	23.7	22.9	23.0	23.0	2	23.7
		12	7	23.0	23.1	23.0	2	23.7	23.0	23.1	23.0	2	23.7
		12	13	23.0	23.1	23.0	2	23.7	23.0	23.1	23.0	2	23.7
		25	0	23.0	23.0	23.1	2	23.7	23.0	23.0	23.1	2	23.7
	64QAM	1	0	23.1	23.1	23.1	2	23.7	23.1	23.1	23.1	2	23.7
		1	12	23.2	23.2	23.1	2	23.7	23.2	23.2	23.1	2	23.7
		1	24	23.1	23.1	23.1	2	23.7	23.1	23.1	23.1	2	23.7
		12	0	22.0	22.0	22.0	3	22.7	22.0	22.0	22.0	3	22.7
		12	7	22.1	22.0	22.0	3	22.7	22.1	22.0	22.0	3	22.7
		12	13	22.0	22.1	22.0	3	22.7	22.0	22.1	22.0	3	22.7
		25	0	22.0	22.0	22.0	3	22.7	22.0	22.0	22.0	3	22.7
	256QAM	1	0	20.1	20.1	20.1	5	20.7	20.1	20.1	20.1	5	20.7
		1	12	20.2	20.3	20.2	5	20.7	20.2	20.3	20.2	5	20.7
		1	24	20.1	20.2	20.2	5	20.7	20.1	20.2	20.2	5	20.7
		12	0	19.9	20.0	19.9	5	20.7	19.9	20.0	19.9	5	20.7
		12	7	20.0	20.0	20.0	5	20.7	20.0	20.0	20.0	5	20.7
		12	13	20.0	20.1	20.0	5	20.7	20.0	20.1	20.0	5	20.7
		25	0	20.0	20.0	20.0	5	20.7	20.0	20.0	20.0	5	20.7

LTE Band 12 Measured Results (ANT1) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				23025	23095	23165	MPR	Max Power	23025	23095	23165	MPR	Max Power
				700.5 MHz	707.5 MHz	714.5 MHz			700.5 MHz	707.5 MHz	714.5 MHz		
3	QPSK	1	0	24.6	24.6	24.6	0	25.7	24.6	24.6	24.6	0	25.7
		1	8	24.7	24.8	24.7	0	25.7	24.7	24.8	24.7	0	25.7
		1	14	24.6	24.7	24.6	0	25.7	24.6	24.7	24.6	0	25.7
		8	0	23.9	24.0	23.9	1	24.7	23.9	24.0	23.9	1	24.7
		8	4	24.0	24.0	24.0	1	24.7	24.0	24.0	24.0	1	24.7
		8	7	24.0	24.1	24.0	1	24.7	24.0	24.1	24.0	1	24.7
		15	0	23.9	24.0	23.9	1	24.7	23.9	24.0	23.9	1	24.7
	16QAM	1	0	24.2	24.3	24.2	1	24.7	24.2	24.3	24.2	1	24.7
		1	8	24.3	24.4	24.3	1	24.7	24.3	24.4	24.3	1	24.7
		1	14	24.2	24.3	24.2	1	24.7	24.2	24.3	24.2	1	24.7
		8	0	22.9	23.1	23.0	2	23.7	22.9	23.1	23.0	2	23.7
		8	4	23.0	23.1	23.0	2	23.7	23.0	23.1	23.0	2	23.7
		8	7	23.0	23.2	23.1	2	23.7	23.0	23.2	23.1	2	23.7
		15	0	23.0	23.0	22.9	2	23.7	23.0	23.0	22.9	2	23.7
	64QAM	1	0	23.1	23.1	23.1	2	23.7	23.1	23.1	23.1	2	23.7
		1	8	23.2	23.2	23.2	2	23.7	23.2	23.2	23.2	2	23.7
		1	14	23.1	23.1	23.1	2	23.7	23.1	23.1	23.1	2	23.7
		8	0	21.9	22.0	21.9	3	22.7	21.9	22.0	21.9	3	22.7
		8	4	22.0	22.0	22.0	3	22.7	22.0	22.0	22.0	3	22.7
		8	7	22.0	22.1	22.0	3	22.7	22.0	22.1	22.0	3	22.7
		15	0	22.0	22.0	21.9	3	22.7	22.0	22.0	21.9	3	22.7
	256QAM	1	0	20.0	20.0	20.1	5	20.7	20.0	20.0	20.1	5	20.7
		1	8	20.2	20.2	20.2	5	20.7	20.2	20.2	20.2	5	20.7
		1	14	20.1	20.1	20.1	5	20.7	20.1	20.1	20.1	5	20.7
		8	0	19.9	20.0	19.9	5	20.7	19.9	20.0	19.9	5	20.7
		8	4	20.0	20.0	19.9	5	20.7	20.0	20.0	19.9	5	20.7
		8	7	20.0	20.1	20.0	5	20.7	20.0	20.1	20.0	5	20.7
		15	0	20.0	20.0	19.9	5	20.7	20.0	20.0	19.9	5	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				23017	23095	23173	MPR	Max Power	23017	23095	23173	MPR	Max Power
				699.7 MHz	707.5 MHz	715.3 MHz			699.7 MHz	707.5 MHz	715.3 MHz		
1.4	QPSK	1	0	24.6	24.7	24.7	0	25.7	24.6	24.7	24.7	0	25.7
		1	3	24.6	24.7	24.7	0	25.7	24.6	24.7	24.7	0	25.7
		1	5	24.6	24.7	24.7	0	25.7	24.6	24.7	24.7	0	25.7
		3	0	24.6	24.7	24.7	0	25.7	24.6	24.7	24.7	0	25.7
		3	1	24.6	24.7	24.7	0	25.7	24.6	24.7	24.7	0	25.7
		3	3	24.6	24.7	24.7	0	25.7	24.6	24.7	24.7	0	25.7
		6	0	23.9	24.0	23.9	1	24.7	23.9	24.0	23.9	1	24.7
	16QAM	1	0	24.1	24.3	24.3	1	24.7	24.1	24.3	24.3	1	24.7
		1	3	24.1	24.4	24.3	1	24.7	24.1	24.4	24.3	1	24.7
		1	5	24.1	24.4	24.3	1	24.7	24.1	24.4	24.3	1	24.7
		3	0	24.1	24.2	24.1	1	24.7	24.1	24.2	24.1	1	24.7
		3	1	24.1	24.2	24.2	1	24.7	24.1	24.2	24.2	1	24.7
		3	3	24.1	24.3	24.1	1	24.7	24.1	24.3	24.1	1	24.7
		6	0	23.0	23.0	22.9	2	23.7	23.0	23.0	22.9	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	3	23.2	23.2	23.1	2	23.7	23.2	23.2	23.1	2	23.7
		1	5	23.2	23.2	23.0	2	23.7	23.2	23.2	23.0	2	23.7
		3	0	23.0	23.2	23.0	2	23.7	23.0	23.2	23.0	2	23.7
		3	1	23.0	23.2	23.0	2	23.7	23.0	23.2	23.0	2	23.7
		3	3	23.0	23.2	23.0	2	23.7	23.0	23.2	23.0	2	23.7
		6	0	22.0	22.0	21.8	3	22.7	22.0	22.0	21.8	3	22.7
	256QAM	1	0	19.9	20.0	19.9	5	20.7	19.9	20.0	19.9	5	20.7
		1	3	20.1	20.1	20.0	5	20.7	20.1	20.1	20.0	5	20.7
		1	5	20.0	20.1	20.0	5	20.7	20.0	20.1	20.0	5	20.7
		3	0	20.0	20.0	19.9	5	20.7	20.0	20.0	19.9	5	20.7
		3	1	20.0	20.0	19.9	5	20.7	20.0	20.0	19.9	5	20.7
		3	3	20.0	20.1	19.9	5	20.7	20.0	20.1	19.9	5	20.7
		6	0	19.9	20.0	19.8	5	20.7	19.9	20.0	19.8	5	20.7

LTE Band 12 Measured Results (ANT2)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)				Mode B Power (dBm)			
				23095	MPR	Max Power		23095	MPR	Max Power	
				707.5 MHz				707.5 MHz			
10	QPSK	1	0	24.0	0	25.2		24.0	0	25.2	
		1	25	24.1	0	25.2		24.1	0	25.2	
		1	49	24.0	0	25.2		24.0	0	25.2	
		25	0	23.3	1	24.2		23.3	1	24.2	
		25	12	23.3	1	24.2		23.3	1	24.2	
		25	25	23.3	1	24.2		23.3	1	24.2	
		50	0	23.3	1	24.2		23.3	1	24.2	
	16QAM	1	0	23.7	1	24.2		23.7	1	24.2	
		1	25	23.8	1	24.2		23.8	1	24.2	
		1	49	23.8	1	24.2		23.8	1	24.2	
		25	0	22.4	2	23.2		22.4	2	23.2	
		25	12	22.5	2	23.2		22.5	2	23.2	
		25	25	22.5	2	23.2		22.5	2	23.2	
		50	0	22.5	2	23.2		22.5	2	23.2	
	64QAM	1	0	22.7	2	23.2		22.7	2	23.2	
		1	25	22.7	2	23.2		22.7	2	23.2	
		1	49	22.8	2	23.2		22.8	2	23.2	
		25	0	21.4	3	22.2		21.4	3	22.2	
		25	12	21.5	3	22.2		21.5	3	22.2	
		25	25	21.5	3	22.2		21.5	3	22.2	
		50	0	21.5	3	22.2		21.5	3	22.2	
	256QAM	1	0	19.5	5	20.2		19.5	5	20.2	
		1	25	19.6	5	20.2		19.6	5	20.2	
		1	49	19.6	5	20.2		19.6	5	20.2	
		25	0	19.4	5	20.2		19.4	5	20.2	
		25	12	19.5	5	20.2		19.5	5	20.2	
		25	25	19.5	5	20.2		19.5	5	20.2	
		50	0	19.5	5	20.2		19.5	5	20.2	

BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				23035	23095	23155	MPR	Max Power	23035	23095	23155	MPR	Max Power
				701.5 MHz	707.5 MHz	713.5 MHz			701.5 MHz	707.5 MHz	713.5 MHz		
5	QPSK	1	0	24.0	24.1	24.2	0	25.2	24.0	24.1	24.2	0	25.2
		1	12	24.1	24.2	24.4	0	25.2	24.1	24.2	24.4	0	25.2
		1	24	24.0	24.1	24.3	0	25.2	24.0	24.1	24.3	0	25.2
		12	0	23.3	23.4	23.5	1	24.2	23.3	23.4	23.5	1	24.2
		12	7	23.5	23.4	23.6	1	24.2	23.5	23.4	23.6	1	24.2
		12	13	23.5	23.5	23.6	1	24.2	23.5	23.5	23.6	1	24.2
		25	0	23.4	23.5	23.5	1	24.2	23.4	23.5	23.5	1	24.2
	16QAM	1	0	23.6	23.7	23.9	1	24.2	23.6	23.7	23.9	1	24.2
		1	12	23.8	23.9	24.0	1	24.2	23.8	23.9	24.0	1	24.2
		1	24	23.7	23.8	23.9	1	24.2	23.7	23.8	23.9	1	24.2
		12	0	22.5	22.4	22.5	2	23.2	22.5	22.4	22.5	2	23.2
		12	7	22.6	22.5	22.6	2	23.2	22.6	22.5	22.6	2	23.2
		12	13	22.5	22.5	22.6	2	23.2	22.5	22.5	22.6	2	23.2
		25	0	22.5	22.5	22.5	2	23.2	22.5	22.5	22.5	2	23.2
	64QAM	1	0	22.4	22.6	22.6	2	23.2	22.4	22.6	22.6	2	23.2
		1	12	22.5	22.6	22.7	2	23.2	22.5	22.6	22.7	2	23.2
		1	24	22.5	22.6	22.5	2	23.2	22.5	22.6	22.5	2	23.2
		12	0	21.4	21.4	21.5	3	22.2	21.4	21.4	21.5	3	22.2
		12	7	21.5	21.5	21.6	3	22.2	21.5	21.5	21.6	3	22.2
		12	13	21.5	21.5	21.6	3	22.2	21.5	21.5	21.6	3	22.2
		25	0	21.4	21.5	21.5	3	22.2	21.4	21.5	21.5	3	22.2
	256QAM	1	0	19.5	19.5	19.6	5	20.2	19.5	19.5	19.6	5	20.2
		1	12	19.7	19.6	19.7	5	20.2	19.7	19.6	19.7	5	20.2
		1	24	19.5	19.5	19.6	5	20.2	19.5	19.5	19.6	5	20.2
		12	0	19.4	19.4	19.5	5	20.2	19.4	19.4	19.5	5	20.2
		12	7	19.5	19.4	19.6	5	20.2	19.5	19.4	19.6	5	20.2
		12	13	19.4	19.5	19.6	5	20.2	19.4	19.5	19.6	5	20.2
		25	0	19.4	19.5	19.5	5	20.2	19.4	19.5	19.5	5	20.2

LTE Band 12 Measured Results (ANT2) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				23025	23095	23165	MPR	Max Power	23025	23095	23165	MPR	Max Power
				700.5 MHz	707.5 MHz	714.5 MHz			700.5 MHz	707.5 MHz	714.5 MHz		
3	QPSK	1	0	24.0	24.1	24.2	0	25.2	24.0	24.1	24.2	0	25.2
		1	8	24.1	24.2	24.3	0	25.2	24.1	24.2	24.3	0	25.2
		1	14	24.0	24.1	24.2	0	25.2	24.0	24.1	24.2	0	25.2
		8	0	23.3	23.4	23.5	1	24.2	23.3	23.4	23.5	1	24.2
		8	4	23.4	23.4	23.5	1	24.2	23.4	23.4	23.5	1	24.2
		8	7	23.4	23.5	23.6	1	24.2	23.4	23.5	23.6	1	24.2
		15	0	23.4	23.5	23.5	1	24.2	23.4	23.5	23.5	1	24.2
	16QAM	1	0	23.6	23.6	23.8	1	24.2	23.6	23.6	23.8	1	24.2
		1	8	23.7	23.8	24.0	1	24.2	23.7	23.8	24.0	1	24.2
		1	14	23.6	23.7	23.8	1	24.2	23.6	23.7	23.8	1	24.2
		8	0	22.4	22.4	22.6	2	23.2	22.4	22.4	22.6	2	23.2
		8	4	22.5	22.5	22.6	2	23.2	22.5	22.5	22.6	2	23.2
		8	7	22.5	22.5	22.7	2	23.2	22.5	22.5	22.7	2	23.2
		15	0	22.4	22.5	22.6	2	23.2	22.4	22.5	22.6	2	23.2
	64QAM	1	0	22.5	22.6	22.8	2	23.2	22.5	22.6	22.8	2	23.2
		1	8	22.6	22.7	22.9	2	23.2	22.6	22.7	22.9	2	23.2
		1	14	22.6	22.6	22.8	2	23.2	22.6	22.6	22.8	2	23.2
		8	0	21.3	21.4	21.6	3	22.2	21.3	21.4	21.6	3	22.2
		8	4	21.5	21.5	21.6	3	22.2	21.5	21.5	21.6	3	22.2
		8	7	21.4	21.5	21.7	3	22.2	21.4	21.5	21.7	3	22.2
		15	0	21.4	21.5	21.5	3	22.2	21.4	21.5	21.5	3	22.2
	256QAM	1	0	19.4	19.4	19.6	5	20.2	19.4	19.4	19.6	5	20.2
		1	8	19.5	19.6	19.7	5	20.2	19.5	19.6	19.7	5	20.2
		1	14	19.4	19.6	19.7	5	20.2	19.4	19.6	19.7	5	20.2
		8	0	19.3	19.4	19.5	5	20.2	19.3	19.4	19.5	5	20.2
		8	4	19.4	19.5	19.6	5	20.2	19.4	19.5	19.6	5	20.2
		8	7	19.4	19.5	19.6	5	20.2	19.4	19.5	19.6	5	20.2
		15	0	19.4	19.5	19.5	5	20.2	19.4	19.5	19.5	5	20.2

BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				23017	23095	23173	MPR	Max Power	23017	23095	23173	MPR	Max Power
				699.7 MHz	707.5 MHz	715.3 MHz			699.7 MHz	707.5 MHz	715.3 MHz		
1.4	QPSK	1	0	24.0	24.1	24.2	0	25.2	24.0	24.1	24.2	0	25.2
		1	3	24.1	24.2	24.3	0	25.2	24.1	24.2	24.3	0	25.2
		1	5	24.0	24.1	24.3	0	25.2	24.0	24.1	24.3	0	25.2
		3	0	24.0	24.1	24.2	0	25.2	24.0	24.1	24.2	0	25.2
		3	1	24.0	24.1	24.3	0	25.2	24.0	24.1	24.3	0	25.2
		3	3	24.1	24.1	24.2	0	25.2	24.1	24.1	24.2	0	25.2
		6	0	23.3	23.4	23.5	1	24.2	23.3	23.4	23.5	1	24.2
	16QAM	1	0	23.7	23.8	24.0	1	24.2	23.7	23.8	24.0	1	24.2
		1	3	23.7	23.8	23.9	1	24.2	23.7	23.8	23.9	1	24.2
		1	5	23.7	23.8	24.0	1	24.2	23.7	23.8	24.0	1	24.2
		3	0	23.5	23.6	23.8	1	24.2	23.5	23.6	23.8	1	24.2
		3	1	23.5	23.6	23.8	1	24.2	23.5	23.6	23.8	1	24.2
		3	3	23.5	23.6	23.8	1	24.2	23.5	23.6	23.8	1	24.2
		6	0	22.4	22.5	22.6	2	23.2	22.4	22.5	22.6	2	23.2
	64QAM	1	0	22.4	22.5	22.7	2	23.2	22.4	22.5	22.7	2	23.2
		1	3	22.6	22.7	22.8	2	23.2	22.6	22.7	22.8	2	23.2
		1	5	22.4	22.6	22.7	2	23.2	22.4	22.6	22.7	2	23.2
		3	0	22.4	22.5	22.6	2	23.2	22.4	22.5	22.6	2	23.2
		3	1	22.4	22.5	22.6	2	23.2	22.4	22.5	22.6	2	23.2
		3	3	22.4	22.5	22.7	2	23.2	22.4	22.5	22.7	2	23.2
		6	0	21.4	21.4	21.5	3	22.2	21.4	21.4	21.5	3	22.2
	256QAM	1	0	19.4	19.4	19.6	5	20.2	19.4	19.4	19.6	5	20.2
		1	3	19.5	19.6	19.7	5	20.2	19.5	19.6	19.7	5	20.2
		1	5	19.4	19.6	19.7	5	20.2	19.4	19.6	19.7	5	20.2
		3	0	19.4	19.4	19.6	5	20.2	19.4	19.4	19.6	5	20.2
		3	1	19.4	19.4	19.6	5	20.2	19.4	19.4	19.6	5	20.2
		3	3	19.4	19.5	19.6	5	20.2	19.4	19.5	19.6	5	20.2
		6	0	19.3	19.5	19.5	5	20.2	19.3	19.5	19.5	5	20.2

LTE Band 13 Measured Results (ANT1)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)			Mode B Power (dBm)		
				23230	MPR	Max Power	23230	MPR	Max Power
				782 MHz			782 MHz		
10	QPSK	1	0	24.8	0	25.7	24.8	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	24.0	1	24.7	24.0	1	24.7
		25	12	24.1	1	24.7	24.1	1	24.7
		25	25	24.1	1	24.7	24.1	1	24.7
		50	0	24.1	1	24.7	24.1	1	24.7
	16QAM	1	0	24.2	1	24.7	24.2	1	24.7
		1	25	24.2	1	24.7	24.2	1	24.7
		1	49	24.1	1	24.7	24.1	1	24.7
		25	0	22.9	2	23.7	22.9	2	23.7
		25	12	23.0	2	23.7	23.0	2	23.7
		25	25	23.0	2	23.7	23.0	2	23.7
		50	0	22.9	2	23.7	22.9	2	23.7
	64QAM	1	0	23.0	2	23.7	23.0	2	23.7
		1	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	21.9	3	22.7	21.9	3	22.7
		25	12	21.9	3	22.7	21.9	3	22.7
		25	25	21.9	3	22.7	21.9	3	22.7
		50	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	25	20.1	5	20.7	20.1	5	20.7
		1	49	20.0	5	20.7	20.0	5	20.7
		25	0	19.9	5	20.7	19.9	5	20.7
		25	12	19.9	5	20.7	19.9	5	20.7
		25	25	19.9	5	20.7	19.9	5	20.7
		50	0	19.9	5	20.7	19.9	5	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)			Mode B Power (dBm)		
				23230	MPR	Max Power	23230	MPR	Max Power
				782 MHz			782 MHz		
5	QPSK	1	0	24.6	0	25.7	24.6	0	25.7
		1	12	24.6	0	25.7	24.6	0	25.7
		1	24	24.5	0	25.7	24.5	0	25.7
		12	0	23.8	1	24.7	23.8	1	24.7
		12	7	23.9	1	24.7	23.9	1	24.7
		12	13	23.9	1	24.7	23.9	1	24.7
		25	0	23.8	1	24.7	23.8	1	24.7
	16QAM	1	0	24.3	1	24.7	24.3	1	24.7
		1	12	24.4	1	24.7	24.4	1	24.7
		1	24	24.3	1	24.7	24.3	1	24.7
		12	0	22.9	2	23.7	22.9	2	23.7
		12	7	23.0	2	23.7	23.0	2	23.7
		12	13	23.0	2	23.7	23.0	2	23.7
		25	0	22.9	2	23.7	22.9	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	21.9	3	22.7	21.9	3	22.7
		12	7	21.9	3	22.7	21.9	3	22.7
		12	13	22.0	3	22.7	22.0	3	22.7
		25	0	21.9	3	22.7	21.9	3	22.7
	256QAM	1	0	19.9	5	20.7	19.9	5	20.7
		1	12	20.0	5	20.7	20.0	5	20.7
		1	24	20.0	5	20.7	20.0	5	20.7
		12	0	19.9	5	20.7	19.9	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	Mode A Power (dBm)			Mode B Power (dBm)		
				23230	MPR	Max Power	23230	MPR	Max Power
				782 MHz			782 MHz		
10	QPSK	1	0	22.1	0	23.4	23.9	0	25.2
		1	25	22.2	0	23.4	24.0	0	25.2
		1	49	22.1	0	23.4	23.9	0	25.2
		25	0	22.1	0	23.4	23.2	1	24.2
		25	12	22.2	0	23.4	23.3	1	24.2
		25	25	22.2	0	23.4	23.3	1	24.2
		50	0	22.1	0	23.4	23.3	1	24.2
	16QAM	1	0	22.6	0	23.4	23.7	1	24.2
		1	25	22.6	0	23.4	23.7	1	24.2
		1	49	22.6	0	23.4	23.7	1	24.2
		25	0	22.3	0.2	23.2	22.5	2	23.2
		25	12	22.3	0.2	23.2	22.5	2	23.2
		25	25	22.3	0.2	23.2	22.5	2	23.2
		50	0	22.3	0.2	23.2	22.5	2	23.2
	64QAM	1	0	22.4	0.2	23.2	22.6	2	23.2
		1	25	22.4	0.2	23.2	22.5	2	23.2
		1	49	22.3	0.2	23.2	22.4	2	23.2
		25	0	21.4	1.2	22.2	21.4	3	22.2
		25	12	21.4	1.2	22.2	21.4	3	22.2
		25	25	21.4	1.2	22.2	21.4	3	22.2
		50	0	21.4	1.2	22.2	21.5	3	22.2
	256QAM	1	0	19.4	3.2	20.2	19.5	5	20.2
		1	25	19.6	3.2	20.2	19.6	5	20.2
		1	49	19.5	3.2	20.2	19.5	5	20.2
		25	0	19.4	3.2	20.2	19.4	5	20.2
		25	12	19.4	3.2	20.2	19.4	5	20.2
		25	25	19.4	3.2	20.2	19.4	5	20.2
		50	0	19.4	3.2	20.2	19.5	5	20.2

BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)			Mode B Power (dBm)		
				23230	MPR	Max Power	23230	MPR	Max Power
				782 MHz			782 MHz		
5	QPSK	1	0	22.2	0	23.4	24.2	0	25.2
		1	12	22.3	0	23.4	24.2	0	25.2
		1	24	22.2	0	23.4	24.1	0	25.2
		12	0	22.2	0	23.4	23.5	1	24.2
		12	7	22.2	0	23.4	23.5	1	24.2
		12	13	22.2	0	23.4	23.5	1	24.2
		25	0	22.2	0	23.4	23.5	1	24.2
	16QAM	1	0	22.7	0	23.4	23.8	1	24.2
		1	12	22.7	0	23.4	24.0	1	24.2
		1	24	22.6	0	23.4	23.7	1	24.2
		12	0	22.2	0.2	23.2	22.5	2	23.2
		12	7	22.2	0.2	23.2	22.5	2	23.2
		12	13	22.3	0.2	23.2	22.6	2	23.2
		25	0	22.3	0.2	23.2	22.5	2	23.2
	64QAM	1	0	22.4	0.2	23.2	22.6	2	23.2
		1	12	22.4	0.2	23.2	22.6	2	23.2
		1	24	22.4	0.2	23.2	22.6	2	23.2
		12	0	21.3	1.2	22.2	21.5	3	22.2
		12	7	21.3	1.2	22.2	21.5	3	22.2
		12	13	21.4	1.2	22.2	21.5	3	22.2
		25	0	21.4	1.2	22.2	21.5	3	22.2
	256QAM	1	0	19.4	3.2	20.2	19.6	5	20.2
		1	12	19.5	3.2	20.2	19.7	5	20.2
		1	24	19.4	3.2	20.2	19.6	5	20.2
		12	0	19.3	3.2	20.2	19.4	5	20.2
		12	7	19.3	3.2	20.2	19.5	5	20.2
		12	13	19.4	3.2	20.2	19.5	5	20.2
		25	0	19.4	3.2	20.2	19.5	5	20.2

LTE Band 14 Measured Results (ANT1)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)			Mode B Power (dBm)		
				23330	MPR	Max Power	23330	MPR	Max Power
				793 MHz			793 MHz		
10	QPSK	1	0	24.6	0	25.7	24.6	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	24.0	1	24.7	24.0	1	24.7
		25	12	24.0	1	24.7	24.0	1	24.7
		25	25	24.0	1	24.7	24.0	1	24.7
		50	0	24.0	1	24.7	24.0	1	24.7
	16QAM	1	0	24.1	1	24.7	24.1	1	24.7
		1	25	24.1	1	24.7	24.1	1	24.7
		1	49	24.2	1	24.7	24.2	1	24.7
		25	0	22.9	2	23.7	22.9	2	23.7
		25	12	22.9	2	23.7	22.9	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	22.8	2	23.7	22.8	2	23.7
		1	25	22.9	2	23.7	22.9	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	21.9	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	20.1	5	20.7	20.1	5	20.7
		1	49	20.0	5	20.7	20.0	5	20.7
		25	0	19.9	5	20.7	19.9	5	20.7
		25	12	19.9	5	20.7	19.9	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	Mode A Power (dBm)			Mode B Power (dBm)		
				23330	MPR	Max Power	23330	MPR	Max Power
				793 MHz			793 MHz		
5	QPSK	1	0	24.5	0	25.7	24.5	0	25.7
		1	12	24.6	0	25.7	24.6	0	25.7
		1	24	24.5	0	25.7	24.5	0	25.7
		12	0	23.8	1	24.7	23.8	1	24.7
		12	7	23.8	1	24.7	23.8	1	24.7
		12	13	23.9	1	24.7	23.9	1	24.7
		25	0	23.8	1	24.7	23.8	1	24.7
	16QAM	1	0	24.2	1	24.7	24.2	1	24.7
		1	12	24.3	1	24.7	24.3	1	24.7
		1	24	24.1	1	24.7	24.1	1	24.7
		12	0	22.9	2	23.7	22.9	2	23.7
		12	7	22.9	2	23.7	22.9	2	23.7
		12	13	22.9	2	23.7	22.9	2	23.7
		25	0	22.8	2	23.7	22.8	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	19.9	5	20.7	19.9	5	20.7
		1	12	20.0	5	20.7	20.0	5	20.7
		1	24	19.9	5	20.7	19.9	5	20.7
		12	0	19.9	5	20.7	19.9	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 14 Measured Results (ANT2)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)			Mode B Power (dBm)		
				23330	MPR	Max Power	23330	MPR	Max Power
				793 MHz			793 MHz		
10	QPSK	1	0	23.8	0	25.2	23.8	0	25.2
		1	25	23.8	0	25.2	23.8	0	25.2
		1	49	23.7	0	25.2	23.7	0	25.2
		25	0	23.1	1	24.2	23.1	1	24.2
		25	12	23.2	1	24.2	23.2	1	24.2
		25	25	23.1	1	24.2	23.1	1	24.2
		50	0	23.1	1	24.2	23.1	1	24.2
	16QAM	1	0	23.4	1	24.2	23.4	1	24.2
		1	25	23.3	1	24.2	23.3	1	24.2
		1	49	23.4	1	24.2	23.4	1	24.2
		25	0	22.1	2	23.2	22.1	2	23.2
		25	12	22.1	2	23.2	22.1	2	23.2
		25	25	22.1	2	23.2	22.1	2	23.2
		50	0	22.1	2	23.2	22.1	2	23.2
	64QAM	1	0	22.3	2	23.2	22.3	2	23.2
		1	25	22.2	2	23.2	22.2	2	23.2
		1	49	22.3	2	23.2	22.3	2	23.2
		25	0	21.0	3	22.2	21.0	3	22.2
		25	12	21.1	3	22.2	21.1	3	22.2
		25	25	21.1	3	22.2	21.1	3	22.2
		50	0	21.1	3	22.2	21.1	3	22.2
	256QAM	1	0	19.2	5	20.2	19.2	5	20.2
		1	25	19.3	5	20.2	19.3	5	20.2
		1	49	19.2	5	20.2	19.2	5	20.2
		25	0	19.1	5	20.2	19.1	5	20.2
		25	12	19.1	5	20.2	19.1	5	20.2
		25	25	19.1	5	20.2	19.1	5	20.2
		50	0	19.1	5	20.2	19.1	5	20.2

BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)			Mode B Power (dBm)		
				23330	MPR	Max Power	23330	MPR	Max Power
				793 MHz			793 MHz		
5	QPSK	1	0	23.7	0	25.2	23.7	0	25.2
		1	12	23.8	0	25.2	23.8	0	25.2
		1	24	23.7	0	25.2	23.7	0	25.2
		12	0	23.0	1	24.2	23.0	1	24.2
		12	7	23.1	1	24.2	23.1	1	24.2
		12	13	23.1	1	24.2	23.1	1	24.2
		25	0	23.1	1	24.2	23.1	1	24.2
	16QAM	1	0	23.4	1	24.2	23.4	1	24.2
		1	12	23.4	1	24.2	23.4	1	24.2
		1	24	23.4	1	24.2	23.4	1	24.2
		12	0	21.9	2	23.2	21.9	2	23.2
		12	7	22.0	2	23.2	22.0	2	23.2
		12	13	22.0	2	23.2	22.0	2	23.2
		25	0	22.1	2	23.2	22.1	2	23.2
	64QAM	1	0	22.1	2	23.2	22.1	2	23.2
		1	12	22.2	2	23.2	22.2	2	23.2
		1	24	22.2	2	23.2	22.2	2	23.2
		12	0	21.0	3	22.2	21.0	3	22.2
		12	7	21.1	3	22.2	21.1	3	22.2
		12	13	21.1	3	22.2	21.1	3	22.2
		25	0	21.1	3	22.2	21.1	3	22.2
	256QAM	1	0	19.1	5	20.2	19.1	5	20.2
		1	12	19.3	5	20.2	19.3	5	20.2
		1	24	19.2	5	20.2	19.2	5	20.2
		12	0	19.1	5	20.2	19.1	5	20.2
		12	7	19.2	5	20.2	19.2	5	20.2
		12	13	19.1	5	20.2	19.1	5	20.2
		25	0	19.1	5	20.2	19.1	5	20.2

LTE Band 25 Measured Results (ANT1)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				26140	26365	26590	MPR	Max Power	26140	26365	26590	MPR	Max Power
				1860 MHz	1882.5 MHz	1905 MHz			1860 MHz	1882.5 MHz	1905 MHz		
20	QPSK	1	0	23.0	23.0	22.9	0	24.0	20.8	20.7	20.6	0	21.7
		1	49	23.0	22.9	23.0	0	24.0	20.8	20.7	20.7	0	21.7
		1	99	23.0	22.9	22.9	0	24.0	20.7	20.6	20.6	0	21.7
		50	0	23.1	23.0	22.9	0	24.0	20.8	20.7	20.6	0	21.7
		50	24	23.1	23.0	22.9	0	24.0	20.8	20.7	20.6	0	21.7
		50	50	23.1	23.0	23.0	0	24.0	20.8	20.7	20.7	0	21.7
		100	0	23.1	22.9	23.0	0	24.0	20.8	20.7	20.7	0	21.7
	16QAM	1	0	23.3	23.3	23.3	0	24.0	21.2	21.2	21.1	0	21.7
		1	49	23.5	23.4	23.6	0	24.0	21.3	21.3	21.3	0	21.7
		1	99	23.3	23.2	23.3	0	24.0	21.2	21.2	21.1	0	21.7
		50	0	23.1	22.9	22.9	0.3	23.7	21.1	20.9	20.9	0	21.7
		50	24	23.1	22.9	23.0	0.3	23.7	21.1	20.9	21.0	0	21.7
		50	50	23.0	23.0	22.9	0.3	23.7	21.0	21.0	21.0	0	21.7
		100	0	23.1	23.0	23.0	0.3	23.7	21.1	21.0	21.0	0	21.7
	64QAM	1	0	23.1	23.0	23.0	0.3	23.7	21.1	21.1	21.0	0	21.7
		1	49	23.3	23.2	23.1	0.3	23.7	21.3	21.1	21.2	0	21.7
		1	99	23.0	23.0	23.0	0.3	23.7	21.1	21.0	21.0	0	21.7
		50	0	22.0	21.9	21.9	1.3	22.7	20.1	19.9	19.9	0	21.7
		50	24	22.1	21.9	22.0	1.3	22.7	20.1	19.9	20.0	0	21.7
		50	50	22.0	22.0	21.9	1.3	22.7	20.0	20.0	19.9	0	21.7
		100	0	22.0	22.0	22.0	1.3	22.7	20.0	20.0	20.0	0	21.7
	256QAM	1	0	20.2	20.2	20.0	3.3	20.7	20.1	20.1	20.1	1	20.7
		1	49	20.2	20.2	20.2	3.3	20.7	20.2	20.1	20.1	1	20.7
		1	99	20.2	20.2	20.1	3.3	20.7	20.3	20.1	20.2	1	20.7
		50	0	20.0	19.9	19.9	3.3	20.7	20.1	19.9	19.9	1	20.7
		50	24	20.1	19.9	20.0	3.3	20.7	20.1	19.9	20.0	1	20.7
		50	50	20.0	19.9	19.9	3.3	20.7	20.0	20.0	19.9	1	20.7
		100	0	20.0	20.0	20.0	3.3	20.7	20.0	20.0	19.9	1	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				26115	26365	26615	MPR	Max Power	26115	26365	26590	MPR	Max Power
				1857.5 MHz	1882.5 MHz	1907.5 MHz			1860 MHz	1882.5 MHz	1905 MHz		
15	QPSK	1	0	22.9	22.8	22.8	0	24.0	21.0	20.8	20.9	0	21.7
		1	37	22.9	22.8	22.8	0	24.0	20.9	20.9	20.9	0	21.7
		1	74	22.9	22.8	22.7	0	24.0	21.0	20.8	20.9	0	21.7
		36	0	23.0	22.9	22.8	0	24.0	21.0	20.9	20.9	0	21.7
		36	20	23.0	22.8	22.8	0	24.0	21.0	20.9	20.9	0	21.7
		36	39	23.0	22.9	22.9	0	24.0	21.0	20.9	21.0	0	21.7
		75	0	23.0	22.8	22.8	0	24.0	21.0	20.9	20.9	0	21.7
	16QAM	1	0	23.3	23.2	23.1	0	24.0	21.3	21.1	21.2	0	21.7
		1	37	23.2	23.2	23.1	0	24.0	21.3	21.2	21.3	0	21.7
		1	74	23.3	23.1	23.1	0	24.0	21.3	21.1	21.2	0	21.7
		36	0	23.0	22.9	22.9	0.3	23.7	21.1	20.9	20.9	0	21.7
		36	20	23.0	22.9	22.9	0.3	23.7	21.1	20.9	20.9	0	21.7
		36	39	23.0	22.9	22.9	0.3	23.7	21.0	21.0	21.0	0	21.7
		75	0	23.0	22.8	22.9	0.3	23.7	21.0	20.9	20.9	0	21.7
	64QAM	1	0	23.1	23.0	23.0	0.3	23.7	21.1	21.0	21.0	0	21.7
		1	37	23.1	23.0	23.0	0.3	23.7	21.1	21.0	21.1	0	21.7
		1	74	23.2	23.0	23.0	0.3	23.7	21.2	21.0	21.0	0	21.7
		36	0	22.0	21.9	21.9	1.3	22.7	20.0	19.9	19.9	0	21.7
		36	20	22.0	21.9	21.8	1.3	22.7	20.0	19.9	19.9	0	21.7
		36	39	22.0	21.9	21.9	1.3	22.7	20.0	20.0	20.0	0	21.7
		75	0	22.0	21.9	21.8	1.3	22.7	20.0	19.9	19.9	0	21.7
	256QAM	1	0	20.0	19.9	19.9	3.3	20.7	20.1	19.9	19.8	1	20.7
		1	37	20.0	20.0	20.0	3.3	20.7	20.0	19.9	19.9	1	20.7
		1	74	20.0	20.0	20.1	3.3	20.7	20.1	20.0	20.0	1	20.7
		36	0	20.0	19.9	19.8	3.3	20.7	20.0	19.9	19.9	1	20.7
		36	20	20.0	19.9	19.8	3.3	20.7	20.0	19.9	19.9	1	20.7
		36	39	20.0	19.9	19.9	3.3	20.7	20.0	20.0	19.9	1	20.7
		75	0	20.0	19.8	19.8	3.3	20.7	20.0	19.9	19.9	1	20.7

LTE Band 25 Measured Results (ANT1) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				26090	26365	26640	MPR	Max Power	26090	26365	26590	MPR	Max Power
				1855 MHz	1882.5 MHz	1910 MHz			1860 MHz	1882.5 MHz	1905 MHz		
10	QPSK	1	0	23.1	23.0	23.0	0	24.0	21.1	21.0	21.0	0	21.7
		1	25	23.1	23.1	23.0	0	24.0	21.1	21.1	21.0	0	21.7
		1	49	23.1	23.0	23.0	0	24.0	21.1	21.1	21.0	0	21.7
		25	0	23.2	23.0	22.9	0	24.0	21.1	21.0	21.0	0	21.7
		25	12	23.2	23.0	23.0	0	24.0	21.2	21.1	21.0	0	21.7
		25	25	23.2	23.1	23.0	0	24.0	21.2	21.1	21.1	0	21.7
		50	0	23.2	23.0	23.0	0	24.0	21.2	21.0	21.0	0	21.7
	16QAM	1	0	23.5	23.4	23.3	0	24.0	21.5	21.4	21.4	0	21.7
		1	25	23.5	23.3	23.4	0	24.0	21.4	21.3	21.4	0	21.7
		1	49	23.5	23.4	23.4	0	24.0	21.5	21.4	21.4	0	21.7
		25	0	23.2	23.1	23.0	0.3	23.7	21.2	21.1	21.0	0	21.7
		25	12	23.2	23.0	23.0	0.3	23.7	21.2	21.1	21.0	0	21.7
		25	25	23.2	23.1	23.1	0.3	23.7	21.2	21.1	21.1	0	21.7
		50	0	23.2	23.0	23.0	0.3	23.7	21.2	21.0	21.0	0	21.7
	64QAM	1	0	23.4	23.2	23.3	0.3	23.7	21.3	21.2	21.2	0	21.7
		1	25	23.4	23.3	23.3	0.3	23.7	21.3	21.3	21.2	0	21.7
		1	49	23.4	23.3	23.3	0.3	23.7	21.2	21.2	21.2	0	21.7
		25	0	22.2	22.0	22.0	1.3	22.7	20.2	20.1	20.0	0	21.7
		25	12	22.2	22.0	22.0	1.3	22.7	20.2	20.0	20.0	0	21.7
		25	25	22.2	22.1	22.1	1.3	22.7	20.2	20.1	20.1	0	21.7
		50	0	22.2	22.0	22.0	1.3	22.7	20.2	20.0	20.0	0	21.7
	256QAM	1	0	20.3	20.1	20.1	3.3	20.7	20.3	20.1	20.1	1	20.7
		1	25	20.3	20.2	20.2	3.3	20.7	20.3	20.2	20.2	1	20.7
		1	49	20.3	20.2	20.2	3.3	20.7	20.2	20.2	20.2	1	20.7
		25	0	20.1	20.0	20.0	3.3	20.7	20.1	20.0	20.0	1	20.7
		25	12	20.2	20.0	20.0	3.3	20.7	20.2	20.0	20.0	1	20.7
		25	25	20.2	20.1	20.0	3.3	20.7	20.2	20.1	20.1	1	20.7
		50	0	20.2	20.0	20.0	3.3	20.7	20.1	20.0	20.0	1	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				26065	26365	26665	MPR	Max Power	26065	26365	26590	MPR	Max Power
				1852.5 MHz	1882.5 MHz	1912.5 MHz			1860 MHz	1882.5 MHz	1905 MHz		
5	QPSK	1	0	23.1	23.0	23.0	0	24.0	21.1	21.0	21.0	0	21.7
		1	12	23.2	23.1	23.1	0	24.0	21.2	21.1	21.1	0	21.7
		1	24	23.1	23.0	23.0	0	24.0	21.1	21.0	21.0	0	21.7
		12	0	23.1	23.0	23.1	0	24.0	21.1	21.0	21.1	0	21.7
		12	7	23.1	23.0	23.1	0	24.0	21.2	21.0	21.1	0	21.7
		12	13	23.2	23.1	23.1	0	24.0	21.2	21.1	21.1	0	21.7
		25	0	23.1	23.0	23.0	0	24.0	21.2	21.0	21.1	0	21.7
	16QAM	1	0	23.5	23.3	23.4	0	24.0	21.5	21.4	21.5	0	21.7
		1	12	23.6	23.5	23.5	0	24.0	21.6	21.5	21.6	0	21.7
		1	24	23.5	23.4	23.4	0	24.0	21.5	21.4	21.5	0	21.7
		12	0	23.1	23.0	23.0	0.3	23.7	21.3	21.1	21.2	0	21.7
		12	7	23.2	23.0	23.1	0.3	23.7	21.3	21.2	21.2	0	21.7
		12	13	23.2	23.1	23.0	0.3	23.7	21.3	21.2	21.1	0	21.7
		25	0	23.2	23.0	23.1	0.3	23.7	21.2	21.0	21.1	0	21.7
	64QAM	1	0	23.2	23.1	23.2	0.3	23.7	21.2	21.2	21.3	0	21.7
		1	12	23.3	23.2	23.3	0.3	23.7	21.3	21.3	21.3	0	21.7
		1	24	23.2	23.2	23.2	0.3	23.7	21.3	21.2	21.2	0	21.7
		12	0	22.2	22.1	22.1	1.3	22.7	20.2	20.0	20.1	0	21.7
		12	7	22.2	22.1	22.1	1.3	22.7	20.2	20.1	20.1	0	21.7
		12	13	22.2	22.1	22.1	1.3	22.7	20.2	20.1	20.1	0	21.7
		25	0	22.2	22.0	22.1	1.3	22.7	20.2	20.0	20.1	0	21.7
	256QAM	1	0	20.2	20.2	20.2	3.3	20.7	20.3	20.2	20.2	1	20.7
		1	12	20.3	20.3	20.3	3.3	20.7	20.4	20.3	20.3	1	20.7
		1	24	20.2	20.2	20.2	3.3	20.7	20.4	20.2	20.2	1	20.7
		12	0	20.2	20.0	20.0	3.3	20.7	20.2	20.0	20.1	1	20.7
		12	7	20.2	20.0	20.1	3.3	20.7	20.2	20.0	20.1	1	20.7
		12	13	20.2	20.1	20.1	3.3	20.7	20.2	20.1	20.1	1	20.7
		25	0	20.2	20.0	20.1	3.3	20.7	20.2	20.0	20.1	1	20.7

LTE Band 25 Measured Results (ANT1) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				26055	26365	26675	MPR	Max Power	26055	26365	26590	MPR	Max Power
				1851.5 MHz	1882.5 MHz	1913.5 MHz			1860 MHz	1882.5 MHz	1905 MHz		
3	QPSK	1	0	23.1	23.0	23.0	0	24.0	21.1	20.9	21.0	0	21.7
		1	8	23.2	23.1	23.1	0	24.0	21.1	21.1	21.1	0	21.7
		1	14	23.1	23.0	23.0	0	24.0	21.1	21.0	21.0	0	21.7
		8	0	23.2	23.0	23.0	0	24.0	21.1	21.0	21.0	0	21.7
		8	4	23.2	23.1	23.0	0	24.0	21.2	21.1	21.0	0	21.7
		8	7	23.2	23.1	23.0	0	24.0	21.2	21.1	21.0	0	21.7
		15	0	23.2	23.0	23.0	0	24.0	21.1	20.9	21.0	0	21.7
	16QAM	1	0	23.4	23.4	23.3	0	24.0	21.4	21.4	21.3	0	21.7
		1	8	23.5	23.5	23.4	0	24.0	21.5	21.5	21.4	0	21.7
		1	14	23.4	23.3	23.3	0	24.0	21.4	21.4	21.4	0	21.7
		8	0	23.2	23.1	23.1	0.3	23.7	21.2	21.0	21.1	0	21.7
		8	4	23.3	23.2	23.1	0.3	23.7	21.2	21.2	21.1	0	21.7
		8	7	23.3	23.2	23.1	0.3	23.7	21.2	21.2	21.1	0	21.7
		15	0	23.2	23.1	23.0	0.3	23.7	21.2	21.0	21.0	0	21.7
	64QAM	1	0	23.4	23.4	23.2	0.3	23.7	21.3	21.4	21.2	0	21.7
		1	8	23.5	23.4	23.3	0.3	23.7	21.4	21.4	21.2	0	21.7
		1	14	23.5	23.4	23.3	0.3	23.7	21.3	21.3	21.2	0	21.7
		8	0	22.2	22.1	22.0	1.3	22.7	20.2	20.0	20.1	0	21.7
		8	4	22.2	22.2	22.1	1.3	22.7	20.2	20.1	20.1	0	21.7
		8	7	22.3	22.2	22.1	1.3	22.7	20.2	20.1	20.1	0	21.7
		15	0	22.2	22.1	22.1	1.3	22.7	20.2	20.0	20.0	0	21.7
	256QAM	1	0	20.2	20.1	20.1	3.3	20.7	20.3	20.0	20.1	1	20.7
		1	8	20.3	20.3	20.3	3.3	20.7	20.4	20.3	20.3	1	20.7
		1	14	20.2	20.2	20.2	3.3	20.7	20.4	20.1	20.1	1	20.7
		8	0	20.2	20.1	20.0	3.3	20.7	20.2	20.0	20.0	1	20.7
		8	4	20.2	20.2	20.1	3.3	20.7	20.2	20.1	20.0	1	20.7
		8	7	20.3	20.2	20.1	3.3	20.7	20.2	20.2	20.0	1	20.7
		15	0	20.2	20.0	20.0	3.3	20.7	20.2	20.0	20.0	1	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				26047	26365	26683	MPR	Max Power	26047	26365	26590	MPR	Max Power
				1850.7 MHz	1882.5 MHz	1914.3 MHz			1860 MHz	1882.5 MHz	1905 MHz		
1.4	QPSK	1	0	23.1	23.0	23.0	0	24.0	20.8	20.7	20.7	0	21.7
		1	3	23.2	23.1	23.0	0	24.0	20.9	20.7	20.7	0	21.7
		1	5	23.1	23.1	23.1	0	24.0	20.8	20.7	20.7	0	21.7
		3	0	23.1	23.1	23.0	0	24.0	20.8	20.7	20.7	0	21.7
		3	1	23.2	23.1	23.0	0	24.0	20.8	20.7	20.7	0	21.7
		3	3	23.2	23.1	23.0	0	24.0	20.8	20.7	20.7	0	21.7
		6	0	23.1	23.1	23.0	0	24.0	20.8	20.7	20.7	0	21.7
	16QAM	1	0	23.4	23.4	23.4	0	24.0	21.2	21.1	21.1	0	21.7
		1	3	23.4	23.4	23.4	0	24.0	21.2	21.1	21.1	0	21.7
		1	5	23.4	23.5	23.4	0	24.0	21.2	21.1	21.0	0	21.7
		3	0	23.3	23.3	23.3	0	24.0	21.0	20.9	20.9	0	21.7
		3	1	23.4	23.3	23.2	0	24.0	21.0	20.9	21.0	0	21.7
		3	3	23.3	23.3	23.2	0	24.0	21.0	21.0	20.9	0	21.7
		6	0	23.2	23.2	23.1	0.3	23.7	20.9	20.8	20.8	0	21.7
	64QAM	1	0	23.2	23.3	23.3	0.3	23.7	20.9	20.9	20.8	0	21.7
		1	3	23.3	23.3	23.3	0.3	23.7	21.0	20.9	20.9	0	21.7
		1	5	23.2	23.3	23.3	0.3	23.7	20.9	20.9	20.9	0	21.7
		3	0	23.3	23.2	23.1	0.3	23.7	20.9	20.7	20.8	0	21.7
		3	1	23.3	23.2	23.2	0.3	23.7	20.9	20.8	20.8	0	21.7
		3	3	23.3	23.2	23.1	0.3	23.7	20.9	20.7	20.8	0	21.7
		6	0	22.2	22.1	22.1	1.3	22.7	20.8	20.7	20.6	0	21.7
	256QAM	1	0	20.3	20.2	20.1	3.3	20.7	20.4	20.1	20.1	1	20.7
		1	3	20.3	20.3	20.2	3.3	20.7	20.4	20.2	20.2	1	20.7
		1	5	20.3	20.2	20.1	3.3	20.7	20.2	20.1	20.1	1	20.7
		3	0	20.1	20.2	20.1	3.3	20.7	20.2	20.2	20.0	1	20.7
		3	1	20.2	20.2	20.1	3.3	20.7	20.2	20.2	20.1	1	20.7
		3	3	20.1	20.2	20.1	3.3	20.7	20.2	20.2	20.0	1	20.7
		6	0	20.0	20.1	20.0	3.3	20.7	20.0	20.1	19.9	1	20.7

LTE Band 25 Measured Results (ANT2)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				26140	26365	26590	MPR	Max Power	26140	26365	26590	MPR	Max Power
				1860 MHz	1882.5 MHz	1905 MHz			1860 MHz	1882.5 MHz	1905 MHz		
20	QPSK	1	0	18.1	18.0	18.1	0	19.5	18.4	18.4	18.3	0	19.7
		1	49	18.1	18.0	18.1	0	19.5	18.4	18.4	18.3	0	19.7
		1	99	18.1	18.0	18.1	0	19.5	18.4	18.4	18.3	0	19.7
		50	0	18.1	18.2	18.2	0	19.5	18.4	18.4	18.3	0	19.7
		50	24	18.2	18.2	18.2	0	19.5	18.4	18.4	18.4	0	19.7
		50	50	18.2	18.2	18.2	0	19.5	18.4	18.4	18.4	0	19.7
		100	0	18.2	18.2	18.2	0	19.5	18.4	18.4	18.4	0	19.7
	16QAM	1	0	18.4	18.4	18.3	0	19.5	18.5	18.7	18.5	0	19.7
		1	49	18.5	18.6	18.5	0	19.5	18.7	18.7	18.7	0	19.7
		1	99	18.4	18.4	18.4	0	19.5	18.6	18.6	18.5	0	19.7
		50	0	18.1	18.1	18.1	0	19.5	18.3	18.3	18.3	0	19.7
		50	24	18.2	18.2	18.1	0	19.5	18.4	18.4	18.3	0	19.7
		50	50	18.2	18.2	18.2	0	19.5	18.4	18.4	18.3	0	19.7
		100	0	18.2	18.1	18.1	0	19.5	18.4	18.3	18.3	0	19.7
	64QAM	1	0	18.3	18.3	18.3	0	19.5	18.5	18.5	18.5	0	19.7
		1	49	18.4	18.4	18.4	0	19.5	18.5	18.6	18.6	0	19.7
		1	99	18.2	18.3	18.2	0	19.5	18.4	18.4	18.5	0	19.7
		50	0	18.1	18.2	18.1	0	19.5	18.3	18.3	18.3	0	19.7
		50	24	18.2	18.2	18.1	0	19.5	18.4	18.4	18.3	0	19.7
		50	50	18.2	18.2	18.2	0	19.5	18.4	18.4	18.4	0	19.7
		100	0	18.2	18.2	18.1	0	19.5	18.4	18.3	18.3	0	19.7
	256QAM	1	0	17.4	17.5	17.5	1.1	18.4	17.4	17.5	17.4	1.3	18.4
		1	49	17.4	17.5	17.5	1.1	18.4	17.5	17.5	17.5	1.3	18.4
		1	99	17.5	17.6	17.5	1.1	18.4	17.5	17.5	17.5	1.3	18.4
		50	0	17.3	17.4	17.3	1.1	18.4	17.3	17.3	17.3	1.3	18.4
		50	24	17.4	17.4	17.3	1.1	18.4	17.4	17.4	17.3	1.3	18.4
		50	50	17.4	17.4	17.4	1.1	18.4	17.4	17.4	17.4	1.3	18.4
		100	0	17.4	17.4	17.3	1.1	18.4	17.4	17.4	17.3	1.3	18.4

BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				26115	26365	26615	MPR	Max Power	26115	26365	26590	MPR	Max Power
				1857.5 MHz	1882.5 MHz	1907.5 MHz			1860 MHz	1882.5 MHz	1905 MHz		
15	QPSK	1	0	18.0	18.1	18.1	0	19.5	18.3	18.3	18.3	0	19.7
		1	37	18.1	18.1	18.1	0	19.5	18.3	18.3	18.3	0	19.7
		1	74	18.1	18.1	18.0	0	19.5	18.4	18.3	18.3	0	19.7
		36	0	18.1	18.1	18.1	0	19.5	18.3	18.4	18.3	0	19.7
		36	20	18.1	18.1	18.1	0	19.5	18.4	18.3	18.3	0	19.7
		36	39	18.1	18.2	18.1	0	19.5	18.4	18.4	18.4	0	19.7
		75	0	18.1	18.1	18.1	0	19.5	18.4	18.3	18.3	0	19.7
	16QAM	1	0	18.3	18.3	18.3	0	19.5	18.6	18.6	18.6	0	19.7
		1	37	18.3	18.4	18.4	0	19.5	18.6	18.6	18.6	0	19.7
		1	74	18.4	18.3	18.3	0	19.5	18.7	18.6	18.5	0	19.7
		36	0	18.1	18.1	18.1	0	19.5	18.3	18.4	18.3	0	19.7
		36	20	18.2	18.1	18.1	0	19.5	18.4	18.4	18.3	0	19.7
		36	39	18.2	18.2	18.2	0	19.5	18.4	18.4	18.4	0	19.7
		75	0	18.1	18.1	18.1	0	19.5	18.4	18.4	18.3	0	19.7
	64QAM	1	0	18.3	18.3	18.3	0	19.5	18.6	18.6	18.5	0	19.7
		1	37	18.3	18.4	18.3	0	19.5	18.6	18.6	18.6	0	19.7
		1	74	18.4	18.3	18.3	0	19.5	18.7	18.5	18.5	0	19.7
		36	0	18.0	18.1	18.1	0	19.5	18.3	18.4	18.3	0	19.7
		36	20	18.1	18.1	18.1	0	19.5	18.4	18.4	18.3	0	19.7
		36	39	18.1	18.2	18.2	0	19.5	18.4	18.4	18.4	0	19.7
		75	0	18.1	18.1	18.1	0	19.5	18.4	18.4	18.3	0	19.7
	256QAM	1	0	17.3	17.4	17.4	1.1	18.4	17.4	17.5	17.4	1.3	18.4
		1	37	17.4	17.5	17.5	1.1	18.4	17.4	17.5	17.5	1.3	18.4
		1	74	17.5	17.5	17.5	1.1	18.4	17.6	17.6	17.5	1.3	18.4
		36	0	17.3	17.3	17.3	1.1	18.4	17.3	17.4	17.3	1.3	18.4
		36	20	17.4	17.3	17.3	1.1	18.4	17.4	17.4	17.3	1.3	18.4
		36	39	17.3	17.4	17.4	1.1	18.4	17.4	17.4	17.4	1.3	18.4
		75	0	17.4	17.3	17.3	1.1	18.4	17.4	17.4	17.3	1.3	18.4

LTE Band 25 Measured Results (ANT2) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				26090	26365	26640	MPR	Max Power	26090	26365	26590	MPR	Max Power
				1855 MHz	1882.5 MHz	1910 MHz			1860 MHz	1882.5 MHz	1905 MHz		
10	QPSK	1	0	18.2	18.3	18.2	0	19.5	18.4	18.4	18.5	0	19.7
		1	25	18.2	18.3	18.2	0	19.5	18.4	18.5	18.5	0	19.7
		1	49	18.2	18.3	18.2	0	19.5	18.4	18.5	18.5	0	19.7
		25	0	18.2	18.2	18.1	0	19.5	18.4	18.5	18.4	0	19.7
		25	12	18.3	18.3	18.2	0	19.5	18.5	18.6	18.5	0	19.7
		25	25	18.2	18.3	18.2	0	19.5	18.5	18.5	18.5	0	19.7
		50	0	18.2	18.3	18.1	0	19.5	18.5	18.5	18.4	0	19.7
	16QAM	1	0	18.5	18.6	18.5	0	19.5	18.7	18.7	18.9	0	19.7
		1	25	18.5	18.5	18.4	0	19.5	18.7	18.8	18.8	0	19.7
		1	49	18.6	18.6	18.4	0	19.5	18.7	18.8	18.9	0	19.7
		25	0	18.2	18.3	18.2	0	19.5	18.4	18.5	18.5	0	19.7
		25	12	18.3	18.4	18.2	0	19.5	18.5	18.6	18.5	0	19.7
		25	25	18.3	18.4	18.2	0	19.5	18.5	18.6	18.5	0	19.7
		50	0	18.2	18.3	18.2	0	19.5	18.5	18.5	18.5	0	19.7
	64QAM	1	0	18.4	18.4	18.4	0	19.5	18.7	18.7	18.6	0	19.7
		1	25	18.5	18.5	18.4	0	19.5	18.7	18.7	18.7	0	19.7
		1	49	18.4	18.4	18.3	0	19.5	18.7	18.7	18.7	0	19.7
		25	0	18.2	18.2	18.2	0	19.5	18.4	18.4	18.4	0	19.7
		25	12	18.3	18.3	18.2	0	19.5	18.5	18.6	18.4	0	19.7
		25	25	18.3	18.3	18.2	0	19.5	18.5	18.5	18.5	0	19.7
		50	0	18.3	18.3	18.2	0	19.5	18.5	18.5	18.4	0	19.7
	256QAM	1	0	17.5	17.6	17.5	1.1	18.4	17.5	17.5	17.5	1.3	18.4
		1	25	17.7	17.6	17.7	1.1	18.4	17.6	17.7	17.6	1.3	18.4
		1	49	17.6	17.6	17.6	1.1	18.4	17.5	17.6	17.6	1.3	18.4
		25	0	17.3	17.4	17.4	1.1	18.4	17.4	17.5	17.4	1.3	18.4
		25	12	17.5	17.5	17.4	1.1	18.4	17.5	17.6	17.4	1.3	18.4
		25	25	17.4	17.5	17.4	1.1	18.4	17.5	17.6	17.5	1.3	18.4
		50	0	17.5	17.5	17.4	1.1	18.4	17.5	17.5	17.4	1.3	18.4

BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				26065	26365	26665	MPR	Max Power	26065	26365	26590	MPR	Max Power
				1852.5 MHz	1882.5 MHz	1912.5 MHz			1860 MHz	1882.5 MHz	1905 MHz		
5	QPSK	1	0	18.1	18.2	18.2	0	19.5	18.4	18.4	18.4	0	19.7
		1	12	18.3	18.3	18.3	0	19.5	18.5	18.6	18.5	0	19.7
		1	24	18.1	18.2	18.2	0	19.5	18.4	18.4	18.4	0	19.7
		12	0	18.1	18.2	18.2	0	19.5	18.4	18.4	18.4	0	19.7
		12	7	18.2	18.4	18.3	0	19.5	18.5	18.6	18.5	0	19.7
		12	13	18.2	18.3	18.2	0	19.5	18.5	18.5	18.5	0	19.7
		25	0	18.2	18.3	18.2	0	19.5	18.5	18.5	18.4	0	19.7
	16QAM	1	0	18.5	18.5	18.6	0	19.5	18.8	18.8	18.8	0	19.7
		1	12	18.6	18.7	18.6	0	19.5	18.8	18.9	19.0	0	19.7
		1	24	18.5	18.6	18.5	0	19.5	18.7	18.8	18.8	0	19.7
		12	0	18.1	18.2	18.2	0	19.5	18.5	18.5	18.4	0	19.7
		12	7	18.2	18.3	18.3	0	19.5	18.6	18.6	18.5	0	19.7
		12	13	18.2	18.3	18.3	0	19.5	18.6	18.6	18.5	0	19.7
		25	0	18.2	18.3	18.2	0	19.5	18.5	18.5	18.5	0	19.7
	64QAM	1	0	18.2	18.3	18.3	0	19.5	18.4	18.5	18.4	0	19.7
		1	12	18.4	18.3	18.4	0	19.5	18.5	18.6	18.5	0	19.7
		1	24	18.2	18.3	18.2	0	19.5	18.5	18.5	18.4	0	19.7
		12	0	18.1	18.2	18.2	0	19.5	18.4	18.4	18.4	0	19.7
		12	7	18.3	18.3	18.3	0	19.5	18.5	18.5	18.5	0	19.7
		12	13	18.3	18.3	18.3	0	19.5	18.5	18.5	18.4	0	19.7
		25	0	18.3	18.3	18.2	0	19.5	18.5	18.5	18.4	0	19.7
	256QAM	1	0	17.4	17.5	17.4	1.1	18.4	17.4	17.5	17.5	1.3	18.4
		1	12	17.6	17.6	17.5	1.1	18.4	17.7	17.7	17.5	1.3	18.4
		1	24	17.5	17.6	17.5	1.1	18.4	17.5	17.6	17.4	1.3	18.4
		12	0	17.4	17.4	17.3	1.1	18.4	17.4	17.4	17.3	1.3	18.4
		12	7	17.5	17.5	17.5	1.1	18.4	17.5	17.5	17.5	1.3	18.4
		12	13	17.5	17.5	17.4	1.1	18.4	17.5	17.5	17.4	1.3	18.4
		25	0	17.5	17.5	17.4	1.1	18.4	17.5	17.5	17.4	1.3	18.4

LTE Band 25 Measured Results (ANT2) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				26055	26365	26675	MPR	Max Power	26055	26365	26590	MPR	Max Power
				1851.5 MHz	1882.5 MHz	1913.5 MHz			1860 MHz	1882.5 MHz	1905 MHz		
3	QPSK	1	0	18.1	18.2	18.1	0	19.5	18.3	18.4	18.4	0	19.7
		1	8	18.2	18.3	18.2	0	19.5	18.5	18.5	18.5	0	19.7
		1	14	18.1	18.2	18.1	0	19.5	18.3	18.4	18.3	0	19.7
		8	0	18.2	18.2	18.2	0	19.5	18.4	18.5	18.4	0	19.7
		8	4	18.3	18.3	18.2	0	19.5	18.5	18.5	18.4	0	19.7
		8	7	18.2	18.3	18.2	0	19.5	18.5	18.5	18.5	0	19.7
		15	0	18.2	18.2	18.2	0	19.5	18.4	18.5	18.4	0	19.7
	16QAM	1	0	18.4	18.5	18.4	0	19.5	18.6	18.7	18.7	0	19.7
		1	8	18.6	18.5	18.5	0	19.5	18.7	18.8	18.7	0	19.7
		1	14	18.5	18.5	18.4	0	19.5	18.6	18.7	18.7	0	19.7
		8	0	18.3	18.3	18.2	0	19.5	18.5	18.5	18.5	0	19.7
		8	4	18.3	18.3	18.2	0	19.5	18.5	18.6	18.6	0	19.7
		8	7	18.3	18.3	18.2	0	19.5	18.5	18.6	18.6	0	19.7
		15	0	18.2	18.2	18.2	0	19.5	18.5	18.5	18.5	0	19.7
	64QAM	1	0	18.4	18.4	18.3	0	19.5	18.6	18.7	18.6	0	19.7
		1	8	18.4	18.5	18.4	0	19.5	18.6	18.7	18.7	0	19.7
		1	14	18.4	18.3	18.3	0	19.5	18.7	18.6	18.5	0	19.7
		8	0	18.3	18.3	18.2	0	19.5	18.5	18.6	18.5	0	19.7
		8	4	18.3	18.3	18.2	0	19.5	18.5	18.6	18.5	0	19.7
		8	7	18.3	18.3	18.2	0	19.5	18.5	18.6	18.5	0	19.7
		15	0	18.2	18.3	18.2	0	19.5	18.5	18.5	18.4	0	19.7
	256QAM	1	0	17.4	17.5	17.5	1.1	18.4	17.4	17.5	17.5	1.3	18.4
		1	8	17.6	17.6	17.6	1.1	18.4	17.6	17.7	17.6	1.3	18.4
		1	14	17.5	17.5	17.4	1.1	18.4	17.6	17.6	17.5	1.3	18.4
		8	0	17.4	17.5	17.4	1.1	18.4	17.5	17.5	17.4	1.3	18.4
		8	4	17.5	17.5	17.4	1.1	18.4	17.5	17.5	17.5	1.3	18.4
		8	7	17.5	17.5	17.4	1.1	18.4	17.5	17.6	17.5	1.3	18.4
		15	0	17.4	17.4	17.4	1.1	18.4	17.5	17.5	17.4	1.3	18.4

BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				26047	26365	26683	MPR	Max Power	26047	26365	26590	MPR	Max Power
				1850.7 MHz	1882.5 MHz	1914.3 MHz			1860 MHz	1882.5 MHz	1905 MHz		
1.4	QPSK	1	0	18.2	18.3	18.2	0	19.5	18.4	18.5	18.4	0	19.7
		1	3	18.2	18.3	18.2	0	19.5	18.4	18.6	18.4	0	19.7
		1	5	18.3	18.3	18.2	0	19.5	18.4	18.5	18.4	0	19.7
		3	0	18.2	18.3	18.2	0	19.5	18.4	18.5	18.4	0	19.7
		3	1	18.3	18.3	18.2	0	19.5	18.4	18.5	18.4	0	19.7
		3	3	18.3	18.2	18.2	0	19.5	18.4	18.5	18.4	0	19.7
		6	0	18.3	18.3	18.2	0	19.5	18.4	18.5	18.4	0	19.7
	16QAM	1	0	18.5	18.6	18.5	0	19.5	18.7	18.8	18.6	0	19.7
		1	3	18.4	18.6	18.5	0	19.5	18.8	18.9	18.7	0	19.7
		1	5	18.4	18.5	18.5	0	19.5	18.7	18.8	18.6	0	19.7
		3	0	18.4	18.5	18.4	0	19.5	18.6	18.7	18.6	0	19.7
		3	1	18.4	18.4	18.4	0	19.5	18.6	18.7	18.7	0	19.7
		3	3	18.4	18.4	18.4	0	19.5	18.6	18.6	18.6	0	19.7
		6	0	18.3	18.3	18.3	0	19.5	18.5	18.5	18.5	0	19.7
	64QAM	1	0	18.4	18.5	18.4	0	19.5	18.6	18.7	18.6	0	19.7
		1	3	18.5	18.5	18.4	0	19.5	18.7	18.7	18.6	0	19.7
		1	5	18.4	18.3	18.4	0	19.5	18.6	18.7	18.5	0	19.7
		3	0	18.4	18.3	18.3	0	19.5	18.5	18.5	18.5	0	19.7
		3	1	18.4	18.3	18.3	0	19.5	18.5	18.5	18.5	0	19.7
		3	3	18.4	18.3	18.3	0	19.5	18.5	18.5	18.5	0	19.7
		6	0	18.3	18.2	18.2	0	19.5	18.5	18.5	18.4	0	19.7
	256QAM	1	0	17.5	17.6	17.6	1.1	18.4	17.5	17.6	17.6	1.3	18.4
		1	3	17.6	17.6	17.6	1.1	18.4	17.5	17.6	17.6	1.3	18.4
		1	5	17.5	17.5	17.6	1.1	18.4	17.5	17.6	17.6	1.3	18.4
		3	0	17.5	17.4	17.5	1.1	18.4	17.4	17.5	17.5	1.3	18.4
		3	1	17.5	17.5	17.5	1.1	18.4	17.5	17.5	17.5	1.3	18.4
		3	3	17.5	17.5	17.5	1.1	18.4	17.5	17.5	17.5	1.3	18.4
		6	0	17.4	17.3	17.4	1.1	18.4	17.4	17.4	17.4	1.3	18.4

LTE Band 25 Measured Results (ANT3)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				26140	26365	26590	MPR	Max Power	26140	26365	26590	MPR	Max Power
				1860 MHz	1882.5 MHz	1905 MHz			1860 MHz	1882.5 MHz	1905 MHz		
20	QPSK	1	0	20.4	20.3	20.4	0	21.3	19.6	19.7	19.8	0	20.7
		1	49	20.3	20.3	20.3	0	21.3	19.7	19.7	19.7	0	20.7
		1	99	20.3	20.3	20.4	0	21.3	19.7	19.7	19.7	0	20.7
		50	0	20.3	20.3	20.4	0	21.3	19.7	19.7	19.7	0	20.7
		50	24	20.4	20.3	20.5	0	21.3	19.8	19.8	19.8	0	20.7
		50	50	20.4	20.4	20.4	0	21.3	19.8	19.8	19.8	0	20.7
		100	0	20.4	20.4	20.5	0	21.3	19.8	19.8	19.8	0	20.7
	16QAM	1	0	20.3	20.3	20.3	0	21.3	19.7	19.7	19.7	0	20.7
		1	49	20.5	20.4	20.4	0	21.3	19.9	19.9	19.8	0	20.7
		1	99	20.3	20.3	20.3	0	21.3	19.7	19.7	19.7	0	20.7
		50	0	20.0	20.0	20.0	0	21.3	19.5	19.5	19.4	0	20.7
		50	24	20.1	20.0	20.1	0	21.3	19.6	19.5	19.5	0	20.7
		50	50	20.0	20.1	20.1	0	21.3	19.5	19.5	19.5	0	20.7
		100	0	20.0	20.1	20.1	0	21.3	19.5	19.5	19.5	0	20.7
	64QAM	1	0	20.1	20.2	20.1	0	21.3	19.6	19.6	19.6	0	20.7
		1	49	20.2	20.3	20.3	0	21.3	19.8	19.7	19.7	0	20.7
		1	99	20.1	20.1	20.1	0	21.3	19.6	19.6	19.6	0	20.7
		50	0	20.0	20.0	20.0	0	21.3	19.5	19.5	19.4	0	20.7
		50	24	20.1	20.1	20.1	0	21.3	19.6	19.5	19.5	0	20.7
		50	50	20.1	20.1	20.0	0	21.3	19.6	19.5	19.5	0	20.7
		100	0	20.1	20.1	20.1	0	21.3	19.6	19.5	19.5	0	20.7
	256QAM	1	0	19.7	19.6	19.6	0.8	20.5	19.6	19.6	19.5	0.2	20.5
		1	49	19.7	19.6	19.6	0.8	20.5	19.7	19.6	19.6	0.2	20.5
		1	99	19.7	19.7	19.7	0.8	20.5	19.7	19.7	19.6	0.2	20.5
		50	0	19.5	19.5	19.5	0.8	20.5	19.5	19.4	19.4	0.2	20.5
		50	24	19.6	19.5	19.5	0.8	20.5	19.5	19.4	19.5	0.2	20.5
		50	50	19.6	19.6	19.5	0.8	20.5	19.5	19.5	19.5	0.2	20.5
		100	0	19.6	19.6	19.6	0.8	20.5	19.5	19.5	19.5	0.2	20.5

BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				26115	26365	26615	MPR	Max Power	26115	26365	26590	MPR	Max Power
				1857.5 MHz	1882.5 MHz	1907.5 MHz			1860 MHz	1882.5 MHz	1905 MHz		
15	QPSK	1	0	20.0	20.0	19.9	0	21.3	19.4	19.4	19.4	0	20.7
		1	37	19.9	20.0	19.9	0	21.3	19.5	19.5	19.5	0	20.7
		1	74	20.0	19.9	19.9	0	21.3	19.5	19.4	19.4	0	20.7
		36	0	20.0	20.0	20.0	0	21.3	19.5	19.4	19.4	0	20.7
		36	20	20.0	20.0	20.0	0	21.3	19.5	19.4	19.5	0	20.7
		36	39	20.0	20.0	20.0	0	21.3	19.5	19.5	19.5	0	20.7
		75	0	20.0	20.0	20.0	0	21.3	19.5	19.4	19.5	0	20.7
	16QAM	1	0	20.2	20.3	20.2	0	21.3	19.6	19.7	19.7	0	20.7
		1	37	20.2	20.3	20.3	0	21.3	19.7	19.8	19.8	0	20.7
		1	74	20.2	20.2	20.2	0	21.3	19.8	19.7	19.8	0	20.7
		36	0	20.1	20.0	20.0	0	21.3	19.5	19.5	19.5	0	20.7
		36	20	20.1	20.0	20.0	0	21.3	19.5	19.5	19.5	0	20.7
		36	39	20.1	20.1	20.0	0	21.3	19.5	19.5	19.5	0	20.7
		75	0	20.1	20.0	20.0	0	21.3	19.5	19.4	19.5	0	20.7
	64QAM	1	0	20.2	20.2	20.2	0	21.3	19.7	19.7	19.6	0	20.7
		1	37	20.2	20.2	20.2	0	21.3	19.7	19.7	19.7	0	20.7
		1	74	20.3	20.1	20.2	0	21.3	19.8	19.6	19.6	0	20.7
		36	0	20.1	19.9	19.9	0	21.3	19.5	19.4	19.4	0	20.7
		36	20	20.1	19.9	20.0	0	21.3	19.5	19.4	19.5	0	20.7
		36	39	20.1	20.0	20.0	0	21.3	19.5	19.5	19.5	0	20.7
		75	0	20.1	19.9	20.0	0	21.3	19.5	19.4	19.5	0	20.7
	256QAM	1	0	19.6	19.6	19.5	0.8	20.5	19.6	19.5	19.5	0.2	20.5
		1	37	19.6	19.6	19.6	0.8	20.5	19.6	19.5	19.6	0.2	20.5
		1	74	19.7	19.6	19.5	0.8	20.5	19.6	19.6	19.6	0.2	20.5
		36	0	19.5	19.4	19.4	0.8	20.5	19.5	19.4	19.4	0.2	20.5
		36	20	19.6	19.4	19.5	0.8	20.5	19.5	19.4	19.5	0.2	20.5
		36	39	19.5	19.5	19.5	0.8	20.5	19.5	19.5	19.5	0.2	20.5
		75	0	19.6	19.4	19.5	0.8	20.5	19.5	19.4	19.5	0.2	20.5

LTE Band 25 Measured Results (ANT3) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				26090	26365	26640	MPR	Max Power	26090	26365	26590	MPR	Max Power
				1855 MHz	1882.5 MHz	1910 MHz			1860 MHz	1882.5 MHz	1905 MHz		
10	QPSK	1	0	20.1	20.1	20.1	0	21.3	19.5	19.5	19.6	0	20.7
		1	25	20.1	20.1	20.1	0	21.3	19.6	19.6	19.6	0	20.7
		1	49	20.1	20.1	20.1	0	21.3	19.5	19.5	19.6	0	20.7
		25	0	20.1	20.1	20.0	0	21.3	19.6	19.5	19.5	0	20.7
		25	12	20.2	20.1	20.1	0	21.3	19.6	19.5	19.6	0	20.7
		25	25	20.2	20.1	20.1	0	21.3	19.6	19.6	19.6	0	20.7
		50	0	20.1	20.0	20.1	0	21.3	19.6	19.5	19.6	0	20.7
	16QAM	1	0	20.4	20.5	20.5	0	21.3	19.8	19.9	20.0	0	20.7
		1	25	20.4	20.5	20.4	0	21.3	19.9	19.9	19.9	0	20.7
		1	49	20.5	20.5	20.5	0	21.3	19.8	20.0	20.0	0	20.7
		25	0	20.2	20.1	20.1	0	21.3	19.6	19.5	19.5	0	20.7
		25	12	20.2	20.1	20.2	0	21.3	19.6	19.5	19.6	0	20.7
		25	25	20.2	20.2	20.1	0	21.3	19.6	19.6	19.6	0	20.7
		50	0	20.2	20.1	20.2	0	21.3	19.6	19.5	19.6	0	20.7
	64QAM	1	0	20.2	20.3	20.3	0	21.3	19.7	19.7	19.7	0	20.7
		1	25	20.3	20.3	20.3	0	21.3	19.8	19.8	19.8	0	20.7
		1	49	20.3	20.2	20.2	0	21.3	19.7	19.8	19.7	0	20.7
		25	0	20.1	20.0	20.0	0	21.3	19.6	19.5	19.5	0	20.7
		25	12	20.2	20.0	20.1	0	21.3	19.6	19.6	19.6	0	20.7
		25	25	20.2	20.1	20.1	0	21.3	19.6	19.6	19.6	0	20.7
		50	0	20.1	20.0	20.1	0	21.3	19.6	19.5	19.6	0	20.7
	256QAM	1	0	19.7	19.7	19.7	0.8	20.5	19.5	19.6	19.6	0.2	20.5
		1	25	19.8	19.8	19.8	0.8	20.5	19.6	19.7	19.8	0.2	20.5
		1	49	19.8	19.8	19.7	0.8	20.5	19.6	19.7	19.7	0.2	20.5
		25	0	19.6	19.5	19.5	0.8	20.5	19.6	19.5	19.5	0.2	20.5
		25	12	19.7	19.5	19.6	0.8	20.5	19.6	19.6	19.6	0.2	20.5
		25	25	19.6	19.6	19.6	0.8	20.5	19.6	19.6	19.5	0.2	20.5
		50	0	19.6	19.5	19.6	0.8	20.5	19.6	19.5	19.5	0.2	20.5

BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				26065	26365	26665	MPR	Max Power	26065	26365	26590	MPR	Max Power
				1852.5 MHz	1882.5 MHz	1912.5 MHz			1860 MHz	1882.5 MHz	1905 MHz		
5	QPSK	1	0	20.0	20.0	20.0	0	21.3	19.5	19.5	19.5	0	20.7
		1	12	20.2	20.2	20.2	0	21.3	19.6	19.6	19.6	0	20.7
		1	24	20.1	20.1	20.1	0	21.3	19.5	19.5	19.5	0	20.7
		12	0	20.1	20.0	20.0	0	21.3	19.6	19.5	19.5	0	20.7
		12	7	20.1	20.1	20.1	0	21.3	19.6	19.6	19.6	0	20.7
		12	13	20.1	20.1	20.1	0	21.3	19.6	19.6	19.6	0	20.7
		25	0	20.1	20.0	20.1	0	21.3	19.6	19.5	19.6	0	20.7
	16QAM	1	0	20.4	20.4	20.4	0	21.3	19.9	19.8	19.8	0	20.7
		1	12	20.6	20.6	20.6	0	21.3	20.1	20.0	20.0	0	20.7
		1	24	20.5	20.4	20.4	0	21.3	20.0	19.8	19.9	0	20.7
		12	0	20.3	20.1	20.2	0	21.3	19.7	19.5	19.5	0	20.7
		12	7	20.3	20.3	20.3	0	21.3	19.7	19.6	19.7	0	20.7
		12	13	20.3	20.2	20.2	0	21.3	19.7	19.6	19.6	0	20.7
		25	0	20.2	20.1	20.2	0	21.3	19.6	19.5	19.5	0	20.7
	64QAM	1	0	20.1	20.1	20.1	0	21.3	19.5	19.5	19.5	0	20.7
		1	12	20.2	20.2	20.2	0	21.3	19.6	19.6	19.6	0	20.7
		1	24	20.2	20.1	20.2	0	21.3	19.6	19.5	19.5	0	20.7
		12	0	20.1	20.0	20.0	0	21.3	19.6	19.4	19.4	0	20.7
		12	7	20.2	20.1	20.1	0	21.3	19.6	19.5	19.6	0	20.7
		12	13	20.1	20.1	20.1	0	21.3	19.6	19.5	19.5	0	20.7
		25	0	20.1	20.0	20.1	0	21.3	19.6	19.4	19.5	0	20.7
	256QAM	1	0	19.7	19.6	19.6	0.8	20.5	19.6	19.5	19.5	0.2	20.5
		1	12	19.8	19.8	19.8	0.8	20.5	19.6	19.6	19.6	0.2	20.5
		1	24	19.7	19.7	19.7	0.8	20.5	19.6	19.6	19.6	0.2	20.5
		12	0	19.6	19.5	19.5	0.8	20.5	19.6	19.4	19.4	0.2	20.5
		12	7	19.6	19.6	19.6	0.8	20.5	19.6	19.5	19.6	0.2	20.5
		12	13	19.6	19.6	19.6	0.8	20.5	19.6	19.5	19.5	0.2	20.5
		25	0	19.6	19.5	19.6	0.8	20.5	19.5	19.4	19.5	0.2	20.5

LTE Band 25 Measured Results (ANT3) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				26055	26365	26675	MPR	Max Power	26055	26365	26590	MPR	Max Power
				1851.5 MHz	1882.5 MHz	1913.5 MHz			1860 MHz	1882.5 MHz	1905 MHz		
3	QPSK	1	0	20.0	19.9	20.0	0	21.3	19.5	19.4	19.5	0	20.7
		1	8	20.1	20.1	20.1	0	21.3	19.6	19.6	19.6	0	20.7
		1	14	20.0	20.0	20.0	0	21.3	19.5	19.5	19.5	0	20.7
		8	0	20.1	20.0	20.1	0	21.3	19.6	19.5	19.5	0	20.7
		8	4	20.2	20.1	20.1	0	21.3	19.6	19.6	19.6	0	20.7
		8	7	20.2	20.1	20.1	0	21.3	19.6	19.6	19.6	0	20.7
		15	0	20.1	20.0	20.1	0	21.3	19.6	19.5	19.5	0	20.7
	16QAM	1	0	20.4	20.4	20.4	0	21.3	19.8	19.8	19.8	0	20.7
		1	8	20.5	20.5	20.5	0	21.3	19.9	19.9	20.0	0	20.7
		1	14	20.4	20.4	20.5	0	21.3	19.8	19.9	19.8	0	20.7
		8	0	20.3	20.1	20.2	0	21.3	19.6	19.5	19.6	0	20.7
		8	4	20.3	20.2	20.2	0	21.3	19.7	19.6	19.6	0	20.7
		8	7	20.3	20.2	20.2	0	21.3	19.6	19.6	19.6	0	20.7
		15	0	20.2	20.0	20.1	0	21.3	19.6	19.5	19.6	0	20.7
	64QAM	1	0	20.3	20.2	20.2	0	21.3	19.8	19.7	19.7	0	20.7
		1	8	20.3	20.3	20.3	0	21.3	19.8	19.8	19.8	0	20.7
		1	14	20.3	20.2	20.2	0	21.3	19.8	19.7	19.7	0	20.7
		8	0	20.1	20.0	20.1	0	21.3	19.6	19.4	19.5	0	20.7
		8	4	20.1	20.1	20.1	0	21.3	19.6	19.5	19.6	0	20.7
		8	7	20.1	20.1	20.1	0	21.3	19.6	19.5	19.6	0	20.7
		15	0	20.1	20.0	20.1	0	21.3	19.6	19.4	19.5	0	20.7
	256QAM	1	0	19.7	19.5	19.6	0.8	20.5	19.6	19.5	19.6	0.2	20.5
		1	8	19.7	19.7	19.7	0.8	20.5	19.8	19.7	19.6	0.2	20.5
		1	14	19.6	19.6	19.6	0.8	20.5	19.6	19.6	19.6	0.2	20.5
		8	0	19.6	19.5	19.6	0.8	20.5	19.6	19.4	19.5	0.2	20.5
		8	4	19.6	19.6	19.6	0.8	20.5	19.6	19.6	19.5	0.2	20.5
		8	7	19.6	19.6	19.6	0.8	20.5	19.6	19.6	19.5	0.2	20.5
		15	0	19.6	19.5	19.5	0.8	20.5	19.6	19.4	19.5	0.2	20.5

BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				26047	26365	26683	MPR	Max Power	26047	26365	26590	MPR	Max Power
				1850.7 MHz	1882.5 MHz	1914.3 MHz			1860 MHz	1882.5 MHz	1905 MHz		
1.4	QPSK	1	0	20.1	20.0	20.0	0	21.3	19.8	19.6	19.6	0	20.7
		1	3	20.1	20.1	20.0	0	21.3	19.8	19.6	19.6	0	20.7
		1	5	20.1	20.1	20.0	0	21.3	19.8	19.6	19.5	0	20.7
		3	0	20.1	20.1	20.0	0	21.3	19.8	19.6	19.5	0	20.7
		3	1	20.1	20.0	20.0	0	21.3	19.8	19.6	19.6	0	20.7
		3	3	20.1	20.0	20.0	0	21.3	19.8	19.6	19.6	0	20.7
		6	0	20.1	20.0	20.0	0	21.3	19.8	19.6	19.6	0	20.7
	16QAM	1	0	20.3	20.4	20.2	0	21.3	19.9	19.8	19.7	0	20.7
		1	3	20.3	20.4	20.2	0	21.3	20.0	19.8	19.8	0	20.7
		1	5	20.3	20.4	20.2	0	21.3	20.0	19.8	19.7	0	20.7
		3	0	20.3	20.2	20.2	0	21.3	19.9	19.7	19.7	0	20.7
		3	1	20.3	20.3	20.2	0	21.3	20.0	19.7	19.7	0	20.7
		3	3	20.3	20.2	20.2	0	21.3	19.9	19.7	19.7	0	20.7
		6	0	20.1	20.1	20.1	0	21.3	19.8	19.7	19.6	0	20.7
	64QAM	1	0	20.2	20.2	20.2	0	21.3	20.0	19.8	19.8	0	20.7
		1	3	20.3	20.2	20.1	0	21.3	20.0	19.9	19.8	0	20.7
		1	5	20.3	20.2	20.2	0	21.3	20.0	19.9	19.8	0	20.7
		3	0	20.2	20.0	20.1	0	21.3	19.9	19.7	19.6	0	20.7
		3	1	20.2	20.0	20.1	0	21.3	19.9	19.7	19.6	0	20.7
		3	3	20.2	20.0	20.1	0	21.3	19.9	19.7	19.6	0	20.7
		6	0	20.0	20.0	20.1	0	21.3	19.6	19.5	19.6	0	20.7
	256QAM	1	0	19.7	19.7	19.7	0.8	20.5	19.8	19.6	19.7	0.2	20.5
		1	3	19.7	19.7	19.7	0.8	20.5	19.8	19.6	19.8	0.2	20.5
		1	5	19.6	19.7	19.7	0.8	20.5	19.8	19.6	19.6	0.2	20.5
		3	0	19.6	19.6	19.6	0.8	20.5	19.8	19.6	19.7	0.2	20.5
		3	1	19.6	19.6	19.6	0.8	20.5	19.8	19.6	19.7	0.2	20.5
		3	3	19.6	19.6	19.6	0.8	20.5	19.8	19.6	19.7	0.2	20.5
		6	0	19.5	19.5	19.5	0.8	20.5	19.8	19.5	19.6	0.2	20.5

LTE Band 25 Measured Results (ANT4)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				26140	26365	26590	MPR	Max Power	26140	26365	26590	MPR	Max Power
				1860 MHz	1882.5 MHz	1905 MHz			1860 MHz	1882.5 MHz	1905 MHz		
20	QPSK	1	0	18.0	17.9	18.0	0	19.1	18.0	17.9	18.0	0	19.1
		1	49	18.0	17.9	18.0	0	19.1	18.0	17.9	18.0	0	19.1
		1	99	18.0	17.9	18.0	0	19.1	18.0	17.9	18.0	0	19.1
		50	0	18.1	18.0	18.0	0	19.1	18.1	18.0	18.0	0	19.1
		50	24	18.1	18.0	18.0	0	19.1	18.1	18.0	18.0	0	19.1
		50	50	18.1	18.0	18.1	0	19.1	18.1	18.0	18.1	0	19.1
		100	0	18.1	18.1	18.0	0	19.1	18.1	18.1	18.0	0	19.1
	16QAM	1	0	18.3	18.3	18.5	0	19.1	18.3	18.3	18.5	0	19.1
		1	49	18.4	18.5	18.7	0	19.1	18.4	18.5	18.7	0	19.1
		1	99	18.4	18.3	18.6	0	19.1	18.4	18.3	18.6	0	19.1
		50	0	18.1	18.1	18.3	0	19.1	18.1	18.1	18.3	0	19.1
		50	24	18.1	18.2	18.3	0	19.1	18.1	18.2	18.3	0	19.1
		50	50	18.1	18.2	18.3	0	19.1	18.1	18.2	18.3	0	19.1
		100	0	18.1	18.2	18.3	0	19.1	18.1	18.2	18.3	0	19.1
	64QAM	1	0	18.2	18.3	18.3	0	19.1	18.2	18.3	18.3	0	19.1
		1	49	18.4	18.3	18.5	0	19.1	18.4	18.3	18.5	0	19.1
		1	99	18.2	18.3	18.4	0	19.1	18.2	18.3	18.4	0	19.1
		50	0	18.1	18.1	18.2	0	19.1	18.1	18.1	18.2	0	19.1
		50	24	18.1	18.2	18.2	0	19.1	18.1	18.2	18.2	0	19.1
		50	50	18.1	18.2	18.3	0	19.1	18.1	18.2	18.3	0	19.1
		100	0	18.1	18.2	18.2	0	19.1	18.1	18.2	18.2	0	19.1
	256QAM	1	0	17.2	17.4	17.4	1.2	17.9	17.2	17.4	17.4	1.2	17.9
		1	49	17.3	17.4	17.5	1.2	17.9	17.3	17.4	17.5	1.2	17.9
		1	99	17.4	17.5	17.5	1.2	17.9	17.4	17.5	17.5	1.2	17.9
		50	0	17.2	17.2	17.3	1.2	17.9	17.2	17.2	17.3	1.2	17.9
		50	24	17.2	17.3	17.3	1.2	17.9	17.2	17.3	17.3	1.2	17.9
		50	50	17.2	17.3	17.4	1.2	17.9	17.2	17.3	17.4	1.2	17.9
		100	0	17.2	17.3	17.3	1.2	17.9	17.2	17.3	17.3	1.2	17.9

BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				26115	26365	26615	MPR	Max Power	26115	26365	26590	MPR	Max Power
				1857.5 MHz	1882.5 MHz	1907.5 MHz			1860 MHz	1882.5 MHz	1905 MHz		
15	QPSK	1	0	18.1	18.1	18.2	0	19.1	18.1	18.1	18.2	0	19.1
		1	37	18.1	18.1	18.3	0	19.1	18.1	18.1	18.3	0	19.1
		1	74	18.1	18.1	18.2	0	19.1	18.1	18.1	18.2	0	19.1
		36	0	18.0	18.1	18.2	0	19.1	18.0	18.1	18.2	0	19.1
		36	20	18.1	18.1	18.2	0	19.1	18.1	18.1	18.2	0	19.1
		36	39	18.1	18.2	18.3	0	19.1	18.1	18.2	18.3	0	19.1
		75	0	18.1	18.1	18.2	0	19.1	18.1	18.1	18.2	0	19.1
	16QAM	1	0	18.3	18.3	18.5	0	19.1	18.3	18.3	18.5	0	19.1
		1	37	18.3	18.4	18.6	0	19.1	18.3	18.4	18.6	0	19.1
		1	74	18.4	18.3	18.5	0	19.1	18.4	18.3	18.5	0	19.1
		36	0	18.1	18.1	18.3	0	19.1	18.1	18.1	18.3	0	19.1
		36	20	18.1	18.1	18.3	0	19.1	18.1	18.1	18.3	0	19.1
		36	39	18.1	18.2	18.3	0	19.1	18.1	18.2	18.3	0	19.1
		75	0	18.1	18.2	18.3	0	19.1	18.1	18.2	18.3	0	19.1
	64QAM	1	0	18.3	18.3	18.4	0	19.1	18.3	18.3	18.4	0	19.1
		1	37	18.3	18.3	18.4	0	19.1	18.3	18.3	18.4	0	19.1
		1	74	18.4	18.4	18.4	0	19.1	18.4	18.4	18.4	0	19.1
		36	0	18.1	18.1	18.2	0	19.1	18.1	18.1	18.2	0	19.1
		36	20	18.1	18.1	18.2	0	19.1	18.1	18.1	18.2	0	19.1
		36	39	18.1	18.2	18.3	0	19.1	18.1	18.2	18.3	0	19.1
		75	0	18.1	18.1	18.2	0	19.1	18.1	18.1	18.2	0	19.1
	256QAM	1	0	17.2	17.3	17.4	1.2	17.9	17.2	17.3	17.4	1.2	17.9
		1	37	17.3	17.4	17.5	1.2	17.9	17.3	17.4	17.5	1.2	17.9
		1	74	17.4	17.5	17.5	1.2	17.9	17.4	17.5	17.5	1.2	17.9
		36	0	17.2	17.2	17.3	1.2	17.9	17.2	17.2	17.3	1.2	17.9
		36	20	17.2	17.2	17.3	1.2	17.9	17.2	17.2	17.3	1.2	17.9
		36	39	17.2	17.3	17.4	1.2	17.9	17.2	17.3	17.4	1.2	17.9
		75	0	17.2	17.3	17.3	1.2	17.9	17.2	17.3	17.3	1.2	17.9

LTE Band 25 Measured Results (ANT4) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				26090	26365	26640	MPR	Max Power	26090	26365	26590	MPR	Max Power
				1855 MHz	1882.5 MHz	1910 MHz			1860 MHz	1882.5 MHz	1905 MHz		
10	QPSK	1	0	18.2	18.2	18.3	0	19.1	18.2	18.2	18.3	0	19.1
		1	25	18.2	18.3	18.4	0	19.1	18.2	18.3	18.4	0	19.1
		1	49	18.2	18.2	18.4	0	19.1	18.2	18.2	18.4	0	19.1
		25	0	18.3	18.2	18.3	0	19.1	18.3	18.2	18.3	0	19.1
		25	12	18.3	18.3	18.4	0	19.1	18.3	18.3	18.4	0	19.1
		25	25	18.3	18.3	18.4	0	19.1	18.3	18.3	18.4	0	19.1
		50	0	18.2	18.3	18.3	0	19.1	18.2	18.3	18.3	0	19.1
	16QAM	1	0	18.6	18.5	18.7	0	19.1	18.6	18.5	18.7	0	19.1
		1	25	18.5	18.6	18.7	0	19.1	18.5	18.6	18.7	0	19.1
		1	49	18.5	18.6	18.7	0	19.1	18.5	18.6	18.7	0	19.1
		25	0	18.3	18.2	18.4	0	19.1	18.3	18.2	18.4	0	19.1
		25	12	18.3	18.3	18.4	0	19.1	18.3	18.3	18.4	0	19.1
		25	25	18.3	18.3	18.5	0	19.1	18.3	18.3	18.5	0	19.1
		50	0	18.3	18.3	18.4	0	19.1	18.3	18.3	18.4	0	19.1
	64QAM	1	0	18.4	18.5	18.6	0	19.1	18.4	18.5	18.6	0	19.1
		1	25	18.5	18.5	18.7	0	19.1	18.5	18.5	18.7	0	19.1
		1	49	18.4	18.5	18.6	0	19.1	18.4	18.5	18.6	0	19.1
		25	0	18.2	18.2	18.3	0	19.1	18.2	18.2	18.3	0	19.1
		25	12	18.3	18.3	18.4	0	19.1	18.3	18.3	18.4	0	19.1
		25	25	18.2	18.3	18.4	0	19.1	18.2	18.3	18.4	0	19.1
		50	0	18.2	18.3	18.3	0	19.1	18.2	18.3	18.3	0	19.1
	256QAM	1	0	17.4	17.3	17.5	1.2	17.9	17.4	17.3	17.5	1.2	17.9
		1	25	17.5	17.5	17.7	1.2	17.9	17.5	17.5	17.7	1.2	17.9
		1	49	17.5	17.4	17.6	1.2	17.9	17.5	17.4	17.6	1.2	17.9
		25	0	17.4	17.3	17.4	1.2	17.9	17.4	17.3	17.4	1.2	17.9
		25	12	17.3	17.4	17.5	1.2	17.9	17.3	17.4	17.5	1.2	17.9
		25	25	17.3	17.4	17.5	1.2	17.9	17.3	17.4	17.5	1.2	17.9
		50	0	17.3	17.4	17.5	1.2	17.9	17.3	17.4	17.5	1.2	17.9

BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				26065	26365	26665	MPR	Max Power	26065	26365	26590	MPR	Max Power
				1852.5 MHz	1882.5 MHz	1912.5 MHz			1860 MHz	1882.5 MHz	1905 MHz		
5	QPSK	1	0	18.2	18.1	18.3	0	19.1	18.2	18.1	18.3	0	19.1
		1	12	18.3	18.4	18.5	0	19.1	18.3	18.4	18.5	0	19.1
		1	24	18.2	18.2	18.4	0	19.1	18.2	18.2	18.4	0	19.1
		12	0	18.2	18.2	18.4	0	19.1	18.2	18.2	18.4	0	19.1
		12	7	18.3	18.3	18.4	0	19.1	18.3	18.3	18.4	0	19.1
		12	13	18.2	18.3	18.4	0	19.1	18.2	18.3	18.4	0	19.1
		25	0	18.2	18.3	18.4	0	19.1	18.2	18.3	18.4	0	19.1
	16QAM	1	0	18.5	18.6	18.8	0	19.1	18.5	18.6	18.8	0	19.1
		1	12	18.6	18.7	18.8	0	19.1	18.6	18.7	18.8	0	19.1
		1	24	18.5	18.6	18.8	0	19.1	18.5	18.6	18.8	0	19.1
		12	0	18.3	18.3	18.4	0	19.1	18.3	18.3	18.4	0	19.1
		12	7	18.3	18.4	18.4	0	19.1	18.3	18.4	18.4	0	19.1
		12	13	18.3	18.4	18.5	0	19.1	18.3	18.4	18.5	0	19.1
		25	0	18.3	18.3	18.5	0	19.1	18.3	18.3	18.5	0	19.1
	64QAM	1	0	18.3	18.2	18.5	0	19.1	18.3	18.2	18.5	0	19.1
		1	12	18.4	18.3	18.6	0	19.1	18.4	18.3	18.6	0	19.1
		1	24	18.3	18.3	18.5	0	19.1	18.3	18.3	18.5	0	19.1
		12	0	18.2	18.2	18.4	0	19.1	18.2	18.2	18.4	0	19.1
		12	7	18.3	18.3	18.4	0	19.1	18.3	18.3	18.4	0	19.1
		12	13	18.3	18.2	18.4	0	19.1	18.3	18.2	18.4	0	19.1
		25	0	18.3	18.3	18.4	0	19.1	18.3	18.3	18.4	0	19.1
	256QAM	1	0	17.3	17.3	17.6	1.2	17.9	17.3	17.3	17.6	1.2	17.9
		1	12	17.5	17.6	17.8	1.2	17.9	17.5	17.6	17.8	1.2	17.9
		1	24	17.4	17.4	17.6	1.2	17.9	17.4	17.4	17.6	1.2	17.9
		12	0	17.3	17.3	17.4	1.2	17.9	17.3	17.3	17.4	1.2	17.9
		12	7	17.4	17.4	17.5	1.2	17.9	17.4	17.4	17.5	1.2	17.9
		12	13	17.3	17.4	17.5	1.2	17.9	17.3	17.4	17.5	1.2	17.9
		25	0	17.3	17.3	17.5	1.2	17.9	17.3	17.3	17.5	1.2	17.9

LTE Band 25 Measured Results (ANT4) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				26055	26365	26675	MPR	Max Power	26055	26365	26590	MPR	Max Power
				1851.5 MHz	1882.5 MHz	1913.5 MHz			1860 MHz	1882.5 MHz	1905 MHz		
3	QPSK	1	0	18.1	18.2	18.3	0	19.1	18.1	18.2	18.3	0	19.1
		1	8	18.2	18.2	18.4	0	19.1	18.2	18.2	18.4	0	19.1
		1	14	18.1	18.2	18.3	0	19.1	18.1	18.2	18.3	0	19.1
		8	0	18.2	18.2	18.3	0	19.1	18.2	18.2	18.3	0	19.1
		8	4	18.3	18.3	18.4	0	19.1	18.3	18.3	18.4	0	19.1
		8	7	18.3	18.3	18.4	0	19.1	18.3	18.3	18.4	0	19.1
		15	0	18.2	18.2	18.3	0	19.1	18.2	18.2	18.3	0	19.1
	16QAM	1	0	18.5	18.5	18.6	0	19.1	18.5	18.5	18.6	0	19.1
		1	8	18.6	18.6	18.8	0	19.1	18.6	18.6	18.8	0	19.1
		1	14	18.5	18.5	18.7	0	19.1	18.5	18.5	18.7	0	19.1
		8	0	18.3	18.2	18.4	0	19.1	18.3	18.2	18.4	0	19.1
		8	4	18.3	18.4	18.4	0	19.1	18.3	18.4	18.4	0	19.1
		8	7	18.3	18.3	18.5	0	19.1	18.3	18.3	18.5	0	19.1
		15	0	18.3	18.3	18.4	0	19.1	18.3	18.3	18.4	0	19.1
	64QAM	1	0	18.4	18.4	18.5	0	19.1	18.4	18.4	18.5	0	19.1
		1	8	18.5	18.5	18.6	0	19.1	18.5	18.5	18.6	0	19.1
		1	14	18.4	18.4	18.6	0	19.1	18.4	18.4	18.6	0	19.1
		8	0	18.3	18.2	18.4	0	19.1	18.3	18.2	18.4	0	19.1
		8	4	18.3	18.3	18.4	0	19.1	18.3	18.3	18.4	0	19.1
		8	7	18.3	18.3	18.5	0	19.1	18.3	18.3	18.5	0	19.1
		15	0	18.2	18.3	18.3	0	19.1	18.2	18.3	18.3	0	19.1
	256QAM	1	0	17.3	17.3	17.6	1.2	17.9	17.3	17.3	17.6	1.2	17.9
		1	8	17.5	17.5	17.7	1.2	17.9	17.5	17.5	17.7	1.2	17.9
		1	14	17.3	17.4	17.6	1.2	17.9	17.3	17.4	17.6	1.2	17.9
		8	0	17.3	17.3	17.5	1.2	17.9	17.3	17.3	17.5	1.2	17.9
		8	4	17.4	17.4	17.5	1.2	17.9	17.4	17.4	17.5	1.2	17.9
		8	7	17.3	17.4	17.6	1.2	17.9	17.3	17.4	17.6	1.2	17.9
		15	0	17.3	17.3	17.4	1.2	17.9	17.3	17.3	17.4	1.2	17.9

BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				26047	26365	26683	MPR	Max Power	26047	26365	26590	MPR	Max Power
				1850.7 MHz	1882.5 MHz	1914.3 MHz			1860 MHz	1882.5 MHz	1905 MHz		
1.4	QPSK	1	0	18.2	18.2	18.4	0	19.1	18.2	18.2	18.4	0	19.1
		1	3	18.3	18.3	18.4	0	19.1	18.3	18.3	18.4	0	19.1
		1	5	18.2	18.3	18.4	0	19.1	18.2	18.3	18.4	0	19.1
		3	0	18.2	18.2	18.4	0	19.1	18.2	18.2	18.4	0	19.1
		3	1	18.2	18.2	18.4	0	19.1	18.2	18.2	18.4	0	19.1
		3	3	18.2	18.2	18.3	0	19.1	18.2	18.2	18.3	0	19.1
		6	0	18.2	18.2	18.3	0	19.1	18.2	18.2	18.3	0	19.1
	16QAM	1	0	18.4	18.6	18.7	0	19.1	18.4	18.6	18.7	0	19.1
		1	3	18.5	18.6	18.7	0	19.1	18.5	18.6	18.7	0	19.1
		1	5	18.5	18.6	18.7	0	19.1	18.5	18.6	18.7	0	19.1
		3	0	18.4	18.4	18.6	0	19.1	18.4	18.4	18.6	0	19.1
		3	1	18.4	18.4	18.6	0	19.1	18.4	18.4	18.6	0	19.1
		3	3	18.4	18.4	18.6	0	19.1	18.4	18.4	18.6	0	19.1
		6	0	18.3	18.4	18.3	0	19.1	18.3	18.4	18.3	0	19.1
	64QAM	1	0	18.5	18.4	18.5	0	19.1	18.5	18.4	18.5	0	19.1
		1	3	18.5	18.4	18.5	0	19.1	18.5	18.4	18.5	0	19.1
		1	5	18.4	18.4	18.6	0	19.1	18.4	18.4	18.6	0	19.1
		3	0	18.3	18.3	18.5	0	19.1	18.3	18.3	18.5	0	19.1
		3	1	18.4	18.3	18.5	0	19.1	18.4	18.3	18.5	0	19.1
		3	3	18.3	18.3	18.5	0	19.1	18.3	18.3	18.5	0	19.1
		6	0	18.2	18.2	18.4	0	19.1	18.2	18.2	18.4	0	19.1
	256QAM	1	0	17.4	17.5	17.6	1.2	17.9	17.4	17.5	17.6	1.2	17.9
		1	3	17.4	17.6	17.6	1.2	17.9	17.4	17.6	17.6	1.2	17.9
		1	5	17.4	17.5	17.7	1.2	17.9	17.4	17.5	17.7	1.2	17.9
		3	0	17.3	17.4	17.5	1.2	17.9	17.3	17.4	17.5	1.2	17.9
		3	1	17.4	17.4	17.5	1.2	17.9	17.4	17.4	17.5	1.2	17.9
		3	3	17.4	17.4	17.5	1.2	17.9	17.4	17.4	17.5	1.2	17.9
		6	0	17.3	17.3	17.4	1.2	17.9	17.3	17.3	17.4	1.2	17.9

LTE Band 26 Measured Results (ANT1)

BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				26740	26865	26990	MPR	Max Power	26740	26865	26990	MPR	Max Power
				819 MHz	831.5 MHz	844 MHz			819 MHz	831.5 MHz	844 MHz		
10	QPSK	1	0	24.7	24.8	24.8	0	25.7	24.7	24.8	24.8	0	25.7
		1	25	24.8	24.8	24.8	0	25.7	24.8	24.8	24.8	0	25.7
		1	49	24.7	24.8	24.8	0	25.7	24.7	24.8	24.8	0	25.7
		25	0	24.0	24.1	24.1	1	24.7	24.0	24.1	24.1	1	24.7
		25	12	24.1	24.1	24.1	1	24.7	24.1	24.1	24.1	1	24.7
		25	25	24.1	24.1	24.2	1	24.7	24.1	24.1	24.2	1	24.7
		50	0	24.1	24.1	24.1	1	24.7	24.1	24.1	24.1	1	24.7
	16QAM	1	0	24.5	24.7	24.7	1	24.7	24.5	24.7	24.7	1	24.7
		1	25	24.5	24.6	24.5	1	24.7	24.5	24.6	24.5	1	24.7
		1	49	24.5	24.6	24.6	1	24.7	24.5	24.6	24.6	1	24.7
		25	0	23.2	23.2	23.3	2	23.7	23.2	23.2	23.3	2	23.7
		25	12	23.3	23.2	23.3	2	23.7	23.3	23.2	23.3	2	23.7
		25	25	23.3	23.3	23.4	2	23.7	23.3	23.3	23.4	2	23.7
		50	0	23.3	23.2	23.3	2	23.7	23.3	23.2	23.3	2	23.7
	64QAM	1	0	23.4	23.5	23.5	2	23.7	23.4	23.5	23.5	2	23.7
		1	25	23.4	23.5	23.5	2	23.7	23.4	23.5	23.5	2	23.7
		1	49	23.3	23.5	23.5	2	23.7	23.3	23.5	23.5	2	23.7
		25	0	22.2	22.2	22.2	3	22.7	22.2	22.2	22.2	3	22.7
		25	12	22.2	22.2	22.2	3	22.7	22.2	22.2	22.2	3	22.7
		25	25	22.2	22.3	22.3	3	22.7	22.2	22.3	22.3	3	22.7
		50	0	22.2	22.2	22.2	3	22.7	22.2	22.2	22.2	3	22.7
	256QAM	1	0	20.2	20.3	20.4	5	20.7	20.2	20.3	20.4	5	20.7
		1	25	20.4	20.4	20.5	5	20.7	20.4	20.4	20.5	5	20.7
		1	49	20.3	20.3	20.4	5	20.7	20.3	20.3	20.4	5	20.7
		25	0	20.2	20.2	20.2	5	20.7	20.2	20.2	20.2	5	20.7
		25	12	20.2	20.2	20.3	5	20.7	20.2	20.2	20.3	5	20.7
		25	25	20.2	20.3	20.3	5	20.7	20.2	20.3	20.3	5	20.7
		50	0	20.2	20.2	20.2	5	20.7	20.2	20.2	20.2	5	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				26715	26865	27015	MPR	Max Power	26715	26865	27015	MPR	Max Power
				816.5 MHz	831.5 MHz	846.5 MHz			816.5 MHz	831.5 MHz	846.5 MHz		
5	QPSK	1	0	24.7	24.8	24.8	0	25.7	24.7	24.8	24.8	0	25.7
		1	12	24.8	24.9	24.9	0	25.7	24.8	24.9	24.9	0	25.7
		1	24	24.7	24.8	24.8	0	25.7	24.7	24.8	24.8	0	25.7
		12	0	24.0	24.1	24.1	1	24.7	24.0	24.1	24.1	1	24.7
		12	7	24.1	24.1	24.2	1	24.7	24.1	24.1	24.2	1	24.7
		12	13	24.1	24.1	24.2	1	24.7	24.1	24.1	24.2	1	24.7
		25	0	24.1	24.1	24.1	1	24.7	24.1	24.1	24.1	1	24.7
	16QAM	1	0	24.5	24.5	24.6	1	24.7	24.5	24.5	24.6	1	24.7
		1	12	24.6	24.6	24.7	1	24.7	24.6	24.6	24.7	1	24.7
		1	24	24.5	24.6	24.6	1	24.7	24.5	24.6	24.6	1	24.7
		12	0	23.2	23.2	23.2	2	23.7	23.2	23.2	23.2	2	23.7
		12	7	23.3	23.2	23.3	2	23.7	23.3	23.2	23.3	2	23.7
		12	13	23.2	23.3	23.3	2	23.7	23.2	23.3	23.3	2	23.7
		25	0	23.2	23.2	23.2	2	23.7	23.2	23.2	23.2	2	23.7
	64QAM	1	0	23.3	23.4	23.4	2	23.7	23.3	23.4	23.4	2	23.7
		1	12	23.3	23.4	23.5	2	23.7	23.3	23.4	23.5	2	23.7
		1	24	23.3	23.4	23.4	2	23.7	23.3	23.4	23.4	2	23.7
		12	0	22.1	22.2	22.2	3	22.7	22.1	22.2	22.2	3	22.7
		12	7	22.2	22.2	22.3	3	22.7	22.2	22.2	22.3	3	22.7
		12	13	22.2	22.3	22.3	3	22.7	22.2	22.3	22.3	3	22.7
		25	0	22.2	22.2	22.2	3	22.7	22.2	22.2	22.2	3	22.7
	256QAM	1	0	20.2	20.2	20.3	5	20.7	20.2	20.2	20.3	5	20.7
		1	12	20.3	20.3	20.4	5	20.7	20.3	20.3	20.4	5	20.7
		1	24	20.3	20.3	20.4	5	20.7	20.3	20.3	20.4	5	20.7
		12	0	20.1	20.2	20.2	5	20.7	20.1	20.2	20.2	5	20.7
		12	7	20.2	20.2	20.3	5	20.7	20.2	20.2	20.3	5	20.7
		12	13	20.2	20.2	20.3	5	20.7	20.2	20.2	20.3	5	20.7
		25	0	20.2	20.1	20.2	5	20.7	20.2	20.1	20.2	5	20.7

LTE Band 26 Measured Results (ANT1) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				26705	26865	27025	MPR	Max Power	26705	26865	27025	MPR	Max Power
				815.5 MHz	831.5 MHz	847.5 MHz			815.5 MHz	831.5 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	24.8	24.8	0	25.7	24.7	24.8	24.8	0	25.7
		1	14	24.6	24.7	24.7	0	25.7	24.6	24.7	24.7	0	25.7
		8	0	24.1	24.0	24.2	1	24.7	24.1	24.0	24.2	1	24.7
		8	4	24.1	24.1	24.2	1	24.7	24.1	24.1	24.2	1	24.7
		8	7	24.1	24.2	24.2	1	24.7	24.1	24.2	24.2	1	24.7
		15	0	24.1	24.0	24.1	1	24.7	24.1	24.0	24.1	1	24.7
	16QAM	1	0	24.4	24.5	24.5	1	24.7	24.4	24.5	24.5	1	24.7
		1	8	24.5	24.6	24.6	1	24.7	24.5	24.6	24.6	1	24.7
		1	14	24.4	24.5	24.5	1	24.7	24.4	24.5	24.5	1	24.7
		8	0	23.1	23.2	23.3	2	23.7	23.1	23.2	23.3	2	23.7
		8	4	23.3	23.2	23.3	2	23.7	23.3	23.2	23.3	2	23.7
		8	7	23.3	23.3	23.3	2	23.7	23.3	23.3	23.3	2	23.7
		15	0	23.2	23.2	23.3	2	23.7	23.2	23.2	23.3	2	23.7
	64QAM	1	0	23.2	23.4	23.4	2	23.7	23.2	23.4	23.4	2	23.7
		1	8	23.3	23.5	23.5	2	23.7	23.3	23.5	23.5	2	23.7
		1	14	23.2	23.4	23.4	2	23.7	23.2	23.4	23.4	2	23.7
		8	0	22.1	22.2	22.3	3	22.7	22.1	22.2	22.3	3	22.7
		8	4	22.2	22.2	22.3	3	22.7	22.2	22.2	22.3	3	22.7
		8	7	22.2	22.3	22.3	3	22.7	22.2	22.3	22.3	3	22.7
		15	0	22.2	22.2	22.3	3	22.7	22.2	22.2	22.3	3	22.7
	256QAM	1	0	20.1	20.2	20.4	5	20.7	20.1	20.2	20.4	5	20.7
		1	8	20.3	20.4	20.5	5	20.7	20.3	20.4	20.5	5	20.7
		1	14	20.2	20.4	20.4	5	20.7	20.2	20.4	20.4	5	20.7
		8	0	20.1	20.2	20.3	5	20.7	20.1	20.2	20.3	5	20.7
		8	4	20.2	20.2	20.3	5	20.7	20.2	20.2	20.3	5	20.7
		8	7	20.2	20.3	20.3	5	20.7	20.2	20.3	20.3	5	20.7
		15	0	20.2	20.2	20.3	5	20.7	20.2	20.2	20.3	5	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				26697	26865	27033	MPR	Max Power	26697	26865	27033	MPR	Max Power
				814.7 MHz	831.5 MHz	848.3 MHz			814.7 MHz	831.5 MHz	848.3 MHz		
1.4	QPSK	1	0	24.1	24.7	24.8	0	25.7	24.1	24.7	24.8	0	25.7
		1	3	24.7	24.9	24.8	0	25.7	24.7	24.9	24.8	0	25.7
		1	5	24.7	24.8	24.8	0	25.7	24.7	24.8	24.8	0	25.7
		3	0	24.7	24.7	24.8	0	25.7	24.7	24.7	24.8	0	25.7
		3	1	24.7	24.8	24.8	0	25.7	24.7	24.8	24.8	0	25.7
		3	3	24.7	24.8	24.8	0	25.7	24.7	24.8	24.8	0	25.7
		6	0	24.0	24.1	24.1	1	24.7	24.0	24.1	24.1	1	24.7
	16QAM	1	0	24.4	24.4	24.5	1	24.7	24.4	24.4	24.5	1	24.7
		1	3	24.5	24.5	24.6	1	24.7	24.5	24.5	24.6	1	24.7
		1	5	24.5	24.5	24.6	1	24.7	24.5	24.5	24.6	1	24.7
		3	0	24.3	24.3	24.4	1	24.7	24.3	24.3	24.4	1	24.7
		3	1	24.3	24.3	24.4	1	24.7	24.3	24.3	24.4	1	24.7
		3	3	24.3	24.4	24.4	1	24.7	24.3	24.4	24.4	1	24.7
		6	0	23.2	23.3	23.3	2	23.7	23.2	23.3	23.3	2	23.7
	64QAM	1	0	23.2	23.4	23.3	2	23.7	23.2	23.4	23.3	2	23.7
		1	3	23.3	23.5	23.3	2	23.7	23.3	23.5	23.3	2	23.7
		1	5	23.2	23.4	23.3	2	23.7	23.2	23.4	23.3	2	23.7
		3	0	23.2	23.2	23.3	2	23.7	23.2	23.2	23.3	2	23.7
		3	1	23.2	23.2	23.3	2	23.7	23.2	23.2	23.3	2	23.7
		3	3	23.2	23.3	23.3	2	23.7	23.2	23.3	23.3	2	23.7
		6	0	22.2	22.2	22.2	3	22.7	22.2	22.2	22.2	3	22.7
	256QAM	1	0	20.2	20.3	20.3	5	20.7	20.2	20.3	20.3	5	20.7
		1	3	20.3	20.4	20.3	5	20.7	20.3	20.4	20.3	5	20.7
		1	5	20.2	20.4	20.3	5	20.7	20.2	20.4	20.3	5	20.7
		3	0	20.2	20.3	20.3	5	20.7	20.2	20.3	20.3	5	20.7
		3	1	20.2	20.3	20.3	5	20.7	20.2	20.3	20.3	5	20.7
		3	3	20.2	20.4	20.3	5	20.7	20.2	20.4	20.3	5	20.7
		6	0	20.1	20.1	20.1	5	20.7	20.1	20.1	20.1	5	20.7

LTE Band 26 Measured Results (ANT2)

BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				26740	26865	26990	MPR	Max Power	26740	26865	26990	MPR	Max Power
				819 MHz	831.5 MHz	844 MHz			819 MHz	831.5 MHz	844 MHz		
10	QPSK	1	0	22.3	22.3	22.4	0	23.4	24.1	24.2	24.1	0	25.2
		1	25	22.3	22.3	22.4	0	23.4	24.1	24.2	24.1	0	25.2
		1	49	22.3	22.3	22.3	0	23.4	24.1	24.1	24.1	0	25.2
		25	0	22.3	22.3	22.3	0	23.4	23.4	23.4	23.5	1	24.2
		25	12	22.4	22.3	22.4	0	23.4	23.4	23.4	23.5	1	24.2
		25	25	22.3	22.3	22.4	0	23.4	23.4	23.4	23.5	1	24.2
		50	0	22.3	22.3	22.4	0	23.4	23.4	23.4	23.4	1	24.2
	16QAM	1	0	22.6	22.7	22.7	0	23.4	23.8	23.8	23.7	1	24.2
		1	25	22.6	22.7	22.7	0	23.4	23.7	23.7	23.7	1	24.2
		1	49	22.5	22.6	22.6	0	23.4	23.7	23.7	23.7	1	24.2
		25	0	22.3	22.3	22.4	0.2	23.2	22.3	22.4	22.5	2	23.2
		25	12	22.4	22.3	22.4	0.2	23.2	22.4	22.4	22.5	2	23.2
		25	25	22.4	22.4	22.5	0.2	23.2	22.4	22.5	22.5	2	23.2
		50	0	22.3	22.3	22.3	0.2	23.2	22.4	22.4	22.4	2	23.2
	64QAM	1	0	22.5	22.5	22.6	0.2	23.2	22.7	22.7	22.7	2	23.2
		1	25	22.5	22.5	22.6	0.2	23.2	22.7	22.6	22.7	2	23.2
		1	49	22.4	22.5	22.5	0.2	23.2	22.6	22.6	22.7	2	23.2
		25	0	21.3	21.4	21.5	1.2	22.2	21.3	21.4	21.4	3	22.2
		25	12	21.5	21.4	21.4	1.2	22.2	21.4	21.4	21.4	3	22.2
		25	25	21.4	21.5	21.5	1.2	22.2	21.4	21.5	21.5	3	22.2
		50	0	21.4	21.4	21.4	1.2	22.2	21.4	21.4	21.4	3	22.2
	256QAM	1	0	19.5	19.5	19.5	3.2	20.2	19.5	19.6	19.5	5	20.2
		1	25	19.6	19.6	19.6	3.2	20.2	19.6	19.7	19.6	5	20.2
		1	49	19.5	19.6	19.6	3.2	20.2	19.5	19.6	19.6	5	20.2
		25	0	19.3	19.4	19.4	3.2	20.2	19.4	19.4	19.4	5	20.2
		25	12	19.5	19.4	19.4	3.2	20.2	19.5	19.4	19.4	5	20.2
		25	25	19.4	19.5	19.5	3.2	20.2	19.4	19.5	19.5	5	20.2
		50	0	19.4	19.4	19.4	3.2	20.2	19.4	19.4	19.4	5	20.2

BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				26715	26865	27015	MPR	Max Power	26715	26865	27015	MPR	Max Power
				816.5 MHz	831.5 MHz	846.5 MHz			816.5 MHz	831.5 MHz	846.5 MHz		
5	QPSK	1	0	22.2	22.3	22.3	0	23.4	24.0	24.1	24.1	0	25.2
		1	12	22.4	22.4	22.4	0	23.4	24.1	24.2	24.2	0	25.2
		1	24	22.3	22.3	22.3	0	23.4	24.1	24.1	24.1	0	25.2
		12	0	22.2	22.3	22.3	0	23.4	23.3	23.4	23.4	1	24.2
		12	7	22.3	22.3	22.4	0	23.4	23.4	23.4	23.5	1	24.2
		12	13	22.3	22.4	22.4	0	23.4	23.4	23.4	23.5	1	24.2
		25	0	22.3	22.3	22.3	0	23.4	23.4	23.4	23.4	1	24.2
	16QAM	1	0	22.6	22.7	22.7	0	23.4	23.7	23.8	23.8	1	24.2
		1	12	22.7	22.8	22.8	0	23.4	23.8	23.8	23.9	1	24.2
		1	24	22.6	22.8	22.7	0	23.4	23.7	23.7	23.8	1	24.2
		12	0	22.2	22.3	22.4	0.2	23.2	22.4	22.4	22.4	2	23.2
		12	7	22.3	22.4	22.5	0.2	23.2	22.5	22.4	22.5	2	23.2
		12	13	22.2	22.4	22.5	0.2	23.2	22.5	22.5	22.4	2	23.2
		25	0	22.4	22.4	22.3	0.2	23.2	22.4	22.5	22.4	2	23.2
	64QAM	1	0	22.3	22.4	22.5	0.2	23.2	22.4	22.4	22.6	2	23.2
		1	12	22.4	22.5	22.6	0.2	23.2	22.5	22.5	22.6	2	23.2
		1	24	22.4	22.4	22.4	0.2	23.2	22.4	22.4	22.5	2	23.2
		12	0	21.3	21.4	21.5	1.2	22.2	21.3	21.4	21.4	3	22.2
		12	7	21.4	21.5	21.6	1.2	22.2	21.5	21.4	21.5	3	22.2
		12	13	21.4	21.5	21.5	1.2	22.2	21.4	21.4	21.5	3	22.2
		25	0	21.4	21.5	21.4	1.2	22.2	21.4	21.5	21.4	3	22.2
	256QAM	1	0	19.4	19.4	19.5	3.2	20.2	19.4	19.5	19.5	5	20.2
		1	12	19.6	19.6	19.6	3.2	20.2	19.5	19.6	19.6	5	20.2
		1	24	19.5	19.5	19.6	3.2	20.2	19.5	19.5	19.6	5	20.2
		12	0	19.3	19.4	19.5	3.2	20.2	19.3	19.4	19.4	5	20.2
		12	7	19.5	19.4	19.6	3.2	20.2	19.4	19.4	19.5	5	20.2
		12	13	19.4	19.5	19.5	3.2	20.2	19.4	19.4	19.5	5	20.2
		25	0	19.4	19.4	19.4	3.2	20.2	19.4	19.4	19.4	5	20.2

LTE Band 26 Measured Results (ANT2) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				26705	26865	27025	MPR	Max Power	26705	26865	27025	MPR	Max Power
				815.5 MHz	831.5 MHz	847.5 MHz			815.5 MHz	831.5 MHz	847.5 MHz		
3	QPSK	1	0	22.2	22.3	22.3	0	23.4	24.0	24.0	24.1	0	25.2
		1	8	22.3	22.3	22.4	0	23.4	24.1	24.1	24.1	0	25.2
		1	14	22.2	22.2	22.2	0	23.4	24.0	24.0	24.0	0	25.2
		8	0	22.2	22.2	22.4	0	23.4	23.2	23.3	23.4	1	24.2
		8	4	22.4	22.3	22.4	0	23.4	23.4	23.4	23.5	1	24.2
		8	7	22.3	22.4	22.4	0	23.4	23.4	23.5	23.5	1	24.2
		15	0	22.3	22.3	22.3	0	23.4	23.3	23.4	23.4	1	24.2
	16QAM	1	0	22.6	22.6	22.6	0	23.4	23.6	23.6	23.7	1	24.2
		1	8	22.6	22.7	22.7	0	23.4	23.7	23.7	23.7	1	24.2
		1	14	22.5	22.6	22.6	0	23.4	23.6	23.7	23.7	1	24.2
		8	0	22.3	22.3	22.4	0.2	23.2	22.3	22.4	22.5	2	23.2
		8	4	22.4	22.4	22.5	0.2	23.2	22.4	22.4	22.6	2	23.2
		8	7	22.4	22.4	22.4	0.2	23.2	22.4	22.5	22.5	2	23.2
		15	0	22.3	22.4	22.4	0.2	23.2	22.3	22.4	22.5	2	23.2
	64QAM	1	0	22.4	22.5	22.6	0.2	23.2	22.5	22.5	22.6	2	23.2
		1	8	22.5	22.5	22.7	0.2	23.2	22.6	22.6	22.6	2	23.2
		1	14	22.4	22.5	22.5	0.2	23.2	22.6	22.6	22.5	2	23.2
		8	0	21.4	21.4	21.5	1.2	22.2	21.3	21.4	21.5	3	22.2
		8	4	21.4	21.5	21.5	1.2	22.2	21.4	21.4	21.5	3	22.2
		8	7	21.4	21.5	21.5	1.2	22.2	21.4	21.5	21.5	3	22.2
		15	0	21.4	21.5	21.5	1.2	22.2	21.4	21.5	21.5	3	22.2
	256QAM	1	0	19.4	19.5	19.5	3.2	20.2	19.4	19.5	19.6	5	20.2
		1	8	19.6	19.6	19.7	3.2	20.2	19.6	19.6	19.7	5	20.2
		1	14	19.5	19.5	19.5	3.2	20.2	19.5	19.4	19.5	5	20.2
		8	0	19.4	19.4	19.5	3.2	20.2	19.3	19.3	19.5	5	20.2
		8	4	19.4	19.4	19.5	3.2	20.2	19.5	19.4	19.5	5	20.2
		8	7	19.5	19.5	19.5	3.2	20.2	19.4	19.5	19.5	5	20.2
		15	0	19.4	19.4	19.5	3.2	20.2	19.4	19.4	19.5	5	20.2

BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				26697	26865	27033	MPR	Max Power	26697	26865	27033	MPR	Max Power
				814.7 MHz	831.5 MHz	848.3 MHz			814.7 MHz	831.5 MHz	848.3 MHz		
1.4	QPSK	1	0	22.2	22.2	22.3	0	23.4	24.0	24.0	24.1	0	25.2
		1	3	22.3	22.3	22.3	0	23.4	24.1	24.1	24.1	0	25.2
		1	5	22.2	22.3	22.3	0	23.4	24.1	24.0	24.1	0	25.2
		3	0	22.3	22.2	22.3	0	23.4	24.0	24.0	24.1	0	25.2
		3	1	22.3	22.2	22.3	0	23.4	24.1	24.0	24.1	0	25.2
		3	3	22.3	22.3	22.3	0	23.4	24.0	24.1	24.1	0	25.2
		6	0	22.2	22.3	22.3	0	23.4	23.3	23.4	23.4	1	24.2
	16QAM	1	0	22.5	22.5	22.5	0	23.4	23.6	23.6	23.7	1	24.2
		1	3	22.6	22.7	22.5	0	23.4	23.6	23.7	23.7	1	24.2
		1	5	22.6	22.6	22.5	0	23.4	23.7	23.7	23.7	1	24.2
		3	0	22.4	22.4	22.4	0	23.4	23.5	23.5	23.6	1	24.2
		3	1	22.4	22.4	22.5	0	23.4	23.5	23.4	23.5	1	24.2
		3	3	22.4	22.5	22.5	0	23.4	23.6	23.6	23.5	1	24.2
		6	0	22.3	22.4	22.4	0.2	23.2	22.4	22.5	22.5	2	23.2
	64QAM	1	0	22.4	22.4	22.5	0.2	23.2	22.4	22.5	22.5	2	23.2
		1	3	22.5	22.5	22.5	0.2	23.2	22.6	22.6	22.6	2	23.2
		1	5	22.4	22.5	22.5	0.2	23.2	22.5	22.6	22.5	2	23.2
		3	0	22.4	22.2	22.4	0.2	23.2	22.5	22.3	22.5	2	23.2
		3	1	22.4	22.2	22.4	0.2	23.2	22.5	22.3	22.5	2	23.2
		3	3	22.4	22.3	22.4	0.2	23.2	22.4	22.4	22.5	2	23.2
		6	0	21.4	21.5	21.4	1.2	22.2	21.4	21.5	21.4	3	22.2
	256QAM	1	0	19.5	19.4	19.5	3.2	20.2	19.4	19.4	19.5	5	20.2
		1	3	19.5	19.6	19.6	3.2	20.2	19.5	19.6	19.5	5	20.2
		1	5	19.4	19.5	19.5	3.2	20.2	19.5	19.5	19.5	5	20.2
		3	0	19.4	19.3	19.4	3.2	20.2	19.4	19.4	19.5	5	20.2
		3	1	19.4	19.4	19.4	3.2	20.2	19.4	19.4	19.5	5	20.2
		3	3	19.5	19.4	19.4	3.2	20.2	19.4	19.4	19.5	5	20.2
		6	0	19.1	19.5	19.4	3.2	20.2	19.4	19.5	19.2	5	20.2

LTE Band 30 Measured Results (ANT1)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)			Mode B Power (dBm)		
				27710	MPR	Max Power	27710	MPR	Max Power
				2310 MHz			2310 MHz		
10	QPSK	1	0	20.7	0	22.1	19.3	0	20.5
		1	25	20.7	0	22.1	19.4	0	20.5
		1	49	20.6	0	22.1	19.3	0	20.5
		25	0	20.7	0	22.1	19.4	0	20.5
		25	12	20.7	0	22.1	19.4	0	20.5
		25	25	20.6	0	22.1	19.4	0	20.5
		50	0	20.7	0	22.1	19.3	0	20.5
	16QAM	1	0	21.5	0	22.1	20.1	0	20.5
		1	25	21.4	0	22.1	20.1	0	20.5
		1	49	21.5	0	22.1	20.1	0	20.5
		25	0	21.2	0	22.1	19.8	0	20.5
		25	12	21.1	0	22.1	19.8	0	20.5
		25	25	21.1	0	22.1	19.7	0	20.5
		50	0	21.1	0	22.1	19.7	0	20.5
	64QAM	1	0	21.4	0	22.1	19.9	0	20.5
		1	25	21.4	0	22.1	19.9	0	20.5
		1	49	21.4	0	22.1	19.9	0	20.5
		25	0	21.2	0	22.1	19.8	0	20.5
		25	12	21.2	0	22.1	19.8	0	20.5
		25	25	21.2	0	22.1	19.7	0	20.5
		50	0	21.2	0	22.1	19.7	0	20.5
	256QAM	1	0	20.1	1.4	20.7	19.9	0	20.5
		1	25	20.2	1.4	20.7	20.0	0	20.5
		1	49	20.1	1.4	20.7	19.9	0	20.5
		25	0	20.1	1.4	20.7	19.8	0	20.5
		25	12	20.0	1.4	20.7	19.8	0	20.5
		25	25	20.0	1.4	20.7	19.8	0	20.5
		50	0	20.0	1.4	20.7	19.7	0	20.5

BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)			Mode B Power (dBm)		
				27710	MPR	Max Power	27710	MPR	Max Power
				2310 MHz			2310 MHz		
5	QPSK	1	0	20.7	0	22.1	19.3	0	20.5
		1	12	20.8	0	22.1	19.4	0	20.5
		1	24	20.7	0	22.1	19.4	0	20.5
		12	0	20.7	0	22.1	19.3	0	20.5
		12	7	20.7	0	22.1	19.3	0	20.5
		12	13	20.7	0	22.1	19.4	0	20.5
		25	0	20.7	0	22.1	19.3	0	20.5
	16QAM	1	0	21.5	0	22.1	20.2	0	20.5
		1	12	21.6	0	22.1	20.2	0	20.5
		1	24	21.5	0	22.1	20.2	0	20.5
		12	0	21.2	0	22.1	19.9	0	20.5
		12	7	21.2	0	22.1	19.9	0	20.5
		12	13	21.1	0	22.1	19.8	0	20.5
		25	0	21.1	0	22.1	19.8	0	20.5
	64QAM	1	0	21.4	0	22.1	20.0	0	20.5
		1	12	21.5	0	22.1	20.0	0	20.5
		1	24	21.4	0	22.1	20.0	0	20.5
		12	0	21.3	0	22.1	19.9	0	20.5
		12	7	21.2	0	22.1	19.9	0	20.5
		12	13	21.2	0	22.1	19.8	0	20.5
		25	0	21.1	0	22.1	19.8	0	20.5
	256QAM	1	0	20.2	1.4	20.7	19.9	0	20.5
		1	12	20.3	1.4	20.7	20.0	0	20.5
		1	24	20.2	1.4	20.7	19.9	0	20.5
		12	0	20.1	1.4	20.7	19.8	0	20.5
		12	7	20.0	1.4	20.7	19.8	0	20.5
		12	13	20.0	1.4	20.7	19.8	0	20.5
		25	0	20.0	1.4	20.7	19.8	0	20.5

LTE Band 30 Measured Results (ANT2)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)			Mode B Power (dBm)		
				27710	MPR	Max Power	27710	MPR	Max Power
				2310 MHz			2310 MHz		
10	QPSK	1	0	17.9	0	18.6	18.1	0	18.7
		1	25	17.9	0	18.6	18.1	0	18.7
		1	49	17.9	0	18.6	18.1	0	18.7
		25	0	17.9	0	18.6	18.1	0	18.7
		25	12	17.9	0	18.6	18.1	0	18.7
		25	25	17.9	0	18.6	18.1	0	18.7
		50	0	17.9	0	18.6	18.1	0	18.7
	16QAM	1	0	18.2	0	18.6	18.5	0	18.7
		1	25	18.2	0	18.6	18.4	0	18.7
		1	49	18.2	0	18.6	18.5	0	18.7
		25	0	17.9	0	18.6	18.1	0	18.7
		25	12	18.0	0	18.6	18.1	0	18.7
		25	25	17.9	0	18.6	18.1	0	18.7
		50	0	17.9	0	18.6	18.1	0	18.7
	64QAM	1	0	18.1	0	18.6	18.3	0	18.7
		1	25	18.2	0	18.6	18.3	0	18.7
		1	49	18.1	0	18.6	18.3	0	18.7
		25	0	17.8	0	18.6	18.1	0	18.7
		25	12	17.9	0	18.6	18.1	0	18.7
		25	25	17.9	0	18.6	18.1	0	18.7
		50	0	17.9	0	18.6	18.0	0	18.7
	256QAM	1	0	17.9	0	18.6	18.0	0	18.7
		1	25	18.1	0	18.6	18.1	0	18.7
		1	49	18.0	0	18.6	18.0	0	18.7
		25	0	17.9	0	18.6	17.9	0	18.7
		25	12	17.9	0	18.6	17.9	0	18.7
		25	25	17.9	0	18.6	17.9	0	18.7
		50	0	17.9	0	18.6	17.9	0	18.7

BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)			Mode B Power (dBm)		
				27710	MPR	Max Power	27710	MPR	Max Power
				2310 MHz			2310 MHz		
5	QPSK	1	0	17.9	0	18.6	18.1	0	18.7
		1	12	18.0	0	18.6	18.2	0	18.7
		1	24	17.9	0	18.6	18.1	0	18.7
		12	0	17.8	0	18.6	18.1	0	18.7
		12	7	17.9	0	18.6	18.1	0	18.7
		12	13	17.9	0	18.6	18.1	0	18.7
		25	0	17.9	0	18.6	18.1	0	18.7
	16QAM	1	0	18.2	0	18.6	18.5	0	18.7
		1	12	18.4	0	18.6	18.6	0	18.7
		1	24	18.2	0	18.6	18.4	0	18.7
		12	0	17.8	0	18.6	18.1	0	18.7
		12	7	17.9	0	18.6	18.1	0	18.7
		12	13	17.8	0	18.6	18.1	0	18.7
		25	0	17.9	0	18.6	18.1	0	18.7
	64QAM	1	0	18.0	0	18.6	18.1	0	18.7
		1	12	18.1	0	18.6	18.2	0	18.7
		1	24	18.0	0	18.6	18.1	0	18.7
		12	0	17.9	0	18.6	18.1	0	18.7
		12	7	17.9	0	18.6	18.1	0	18.7
		12	13	17.9	0	18.6	18.1	0	18.7
		25	0	17.9	0	18.6	18.1	0	18.7
	256QAM	1	0	17.9	0	18.6	18.0	0	18.7
		1	12	18.1	0	18.6	18.1	0	18.7
		1	24	17.9	0	18.6	18.0	0	18.7
		12	0	17.9	0	18.6	17.9	0	18.7
		12	7	17.9	0	18.6	17.9	0	18.7
		12	13	17.9	0	18.6	17.9	0	18.7
		25	0	17.9	0	18.6	17.9	0	18.7

LTE Band 30 Measured Results (ANT3)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)			Mode B Power (dBm)		
				27710	MPR	Max Power	27710	MPR	Max Power
				2310 MHz			2310 MHz		
10	QPSK	1	0	20.8	0	21.7	18.3	0	19.2
		1	25	20.8	0	21.7	18.4	0	19.2
		1	49	20.7	0	21.7	18.2	0	19.2
		25	0	20.7	0	21.7	18.2	0	19.2
		25	12	20.8	0	21.7	18.3	0	19.2
		25	25	20.7	0	21.7	18.2	0	19.2
		50	0	20.8	0	21.7	18.2	0	19.2
	16QAM	1	0	21.0	0	21.7	18.4	0	19.2
		1	25	20.9	0	21.7	18.5	0	19.2
		1	49	20.9	0	21.7	18.4	0	19.2
		25	0	20.6	0	21.7	18.1	0	19.2
		25	12	20.7	0	21.7	18.2	0	19.2
		25	25	20.7	0	21.7	18.2	0	19.2
		50	0	20.7	0	21.7	18.2	0	19.2
	64QAM	1	0	20.7	0	21.7	18.3	0	19.2
		1	25	20.8	0	21.7	18.3	0	19.2
		1	49	20.8	0	21.7	18.4	0	19.2
		25	0	20.6	0	21.7	18.1	0	19.2
		25	12	20.7	0	21.7	18.2	0	19.2
		25	25	20.7	0	21.7	18.2	0	19.2
		50	0	20.6	0	21.7	18.2	0	19.2
	256QAM	1	0	19.2	1.7	20.0	18.2	0	19.2
		1	25	19.3	1.7	20.0	18.3	0	19.2
		1	49	19.3	1.7	20.0	18.2	0	19.2
		25	0	19.2	1.7	20.0	18.1	0	19.2
		25	12	19.3	1.7	20.0	18.2	0	19.2
		25	25	19.3	1.7	20.0	18.2	0	19.2
		50	0	19.2	1.7	20.0	18.2	0	19.2

BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)			Mode B Power (dBm)		
				27710	MPR	Max Power	27710	MPR	Max Power
				2310 MHz			2310 MHz		
5	QPSK	1	0	20.8	0	21.7	18.3	0	19.2
		1	12	20.9	0	21.7	18.4	0	19.2
		1	24	20.7	0	21.7	18.4	0	19.2
		12	0	20.8	0	21.7	18.3	0	19.2
		12	7	20.7	0	21.7	18.3	0	19.2
		12	13	20.7	0	21.7	18.4	0	19.2
		25	0	20.7	0	21.7	18.3	0	19.2
	16QAM	1	0	20.9	0	21.7	18.4	0	19.2
		1	12	21.1	0	21.7	18.7	0	19.2
		1	24	21.0	0	21.7	18.4	0	19.2
		12	0	20.6	0	21.7	18.1	0	19.2
		12	7	20.7	0	21.7	18.1	0	19.2
		12	13	20.7	0	21.7	18.2	0	19.2
		25	0	20.7	0	21.7	18.1	0	19.2
	64QAM	1	0	20.8	0	21.7	18.3	0	19.2
		1	12	20.9	0	21.7	18.4	0	19.2
		1	24	20.9	0	21.7	18.3	0	19.2
		12	0	20.6	0	21.7	18.1	0	19.2
		12	7	20.7	0	21.7	18.2	0	19.2
		12	13	20.8	0	21.7	18.2	0	19.2
		25	0	20.7	0	21.7	18.2	0	19.2
	256QAM	1	0	19.3	1.7	20.0	18.2	0	19.2
		1	12	19.4	1.7	20.0	18.3	0	19.2
		1	24	19.3	1.7	20.0	18.2	0	19.2
		12	0	19.3	1.7	20.0	18.2	0	19.2
		12	7	19.3	1.7	20.0	18.2	0	19.2
		12	13	19.3	1.7	20.0	18.3	0	19.2
		25	0	19.3	1.7	20.0	18.2	0	19.2

LTE Band 30 Measured Results (ANT4)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)			Mode B Power (dBm)		
				27710	MPR	Max Power	27710	MPR	Max Power
				2310 MHz			2310 MHz		
10	QPSK	1	0	17.2	0	18.5	18.9	0	20.2
		1	25	17.4	0	18.5	19.1	0	20.2
		1	49	17.2	0	18.5	18.9	0	20.2
		25	0	17.2	0	18.5	18.9	0	20.2
		25	12	17.3	0	18.5	18.9	0	20.2
		25	25	17.2	0	18.5	19.0	0	20.2
		50	0	17.3	0	18.5	18.9	0	20.2
	16QAM	1	0	17.6	0	18.5	19.2	0	20.2
		1	25	17.7	0	18.5	19.2	0	20.2
		1	49	17.7	0	18.5	19.3	0	20.2
		25	0	17.5	0	18.5	19.1	0	20.2
		25	12	17.5	0	18.5	19.1	0	20.2
		25	25	17.4	0	18.5	19.1	0	20.2
		50	0	17.4	0	18.5	19.1	0	20.2
	64QAM	1	0	17.7	0	18.5	19.3	0	20.2
		1	25	17.7	0	18.5	19.4	0	20.2
		1	49	17.6	0	18.5	19.2	0	20.2
		25	0	17.4	0	18.5	18.9	0.5	19.7
		25	12	17.4	0	18.5	18.9	0.5	19.7
		25	25	17.4	0	18.5	18.9	0.5	19.7
		50	0	17.4	0	18.5	18.9	0.5	19.7
	256QAM	1	0	17.0	0.8	17.7	17.0	2.5	17.7
		1	25	17.1	0.8	17.7	17.2	2.5	17.7
		1	49	16.8	0.8	17.7	16.9	2.5	17.7
		25	0	16.9	0.8	17.7	16.9	2.5	17.7
		25	12	17.0	0.8	17.7	16.9	2.5	17.7
		25	25	16.9	0.8	17.7	16.9	2.5	17.7
		50	0	16.9	0.8	17.7	16.9	2.5	17.7

BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)			Mode B Power (dBm)		
				27710	MPR	Max Power	27710	MPR	Max Power
				2310 MHz			2310 MHz		
5	QPSK	1	0	17.5	0	18.5	19.1	0	20.2
		1	12	17.5	0	18.5	19.3	0	20.2
		1	24	17.4	0	18.5	19.1	0	20.2
		12	0	17.4	0	18.5	19.1	0	20.2
		12	7	17.4	0	18.5	19.1	0	20.2
		12	13	17.4	0	18.5	19.1	0	20.2
		25	0	17.4	0	18.5	19.1	0	20.2
	16QAM	1	0	17.8	0	18.5	19.4	0	20.2
		1	12	17.9	0	18.5	19.6	0	20.2
		1	24	17.7	0	18.5	19.5	0	20.2
		12	0	17.5	0	18.5	19.1	0	20.2
		12	7	17.5	0	18.5	19.1	0	20.2
		12	13	17.5	0	18.5	19.1	0	20.2
		25	0	17.4	0	18.5	19.1	0	20.2
	64QAM	1	0	17.5	0	18.5	19.2	0	20.2
		1	12	17.6	0	18.5	19.3	0	20.2
		1	24	17.5	0	18.5	19.2	0	20.2
		12	0	17.4	0	18.5	18.9	0.5	19.7
		12	7	17.5	0	18.5	18.9	0.5	19.7
		12	13	17.4	0	18.5	18.8	0.5	19.7
		25	0	17.4	0	18.5	18.9	0.5	19.7
	256QAM	1	0	17.0	0.8	17.7	16.9	2.5	17.7
		1	12	17.2	0.8	17.7	17.1	2.5	17.7
		1	24	17.0	0.8	17.7	17.0	2.5	17.7
		12	0	16.9	0.8	17.7	16.9	2.5	17.7
		12	7	16.9	0.8	17.7	16.9	2.5	17.7
		12	13	16.9	0.8	17.7	16.9	2.5	17.7
		25	0	16.9	0.8	17.7	16.9	2.5	17.7

LTE Band 41 Power Class 3 Measured Results (ANT1)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)							Mode B Power (dBm)						
				39750	40185	40620	41055	41490	MPR	Max Power	39750	40185	40620	41055	41490	MPR	Max 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	22.2	22.1	22.1	22.0	22.2	0	23.4	20.2	20.1	20.1	20.1	20.2	0	20.9
		1	49	22.3	22.2	22.1	22.0	22.2	0	23.4	20.2	20.1	20.1	20.0	20.2	0	20.9
		1	99	22.2	22.1	22.1	22.1	22.3	0	23.4	20.2	20.1	20.1	20.1	20.4	0	20.9
		50	0	22.4	22.2	22.1	22.1	22.2	0	23.4	20.4	20.1	20.1	20.1	20.3	0	20.9
		50	24	22.4	22.3	22.1	22.2	22.3	0	23.4	20.3	20.2	20.1	20.1	20.3	0	20.9
		50	50	22.3	22.2	22.1	22.2	22.3	0	23.4	20.3	20.2	20.1	20.1	20.3	0	20.9
		100	0	22.4	22.2	22.1	22.1	22.3	0	23.4	20.3	20.2	20.1	20.1	20.3	0	20.9
	16QAM	1	0	22.4	22.5	22.3	22.4	22.5	0	23.4	20.3	20.4	20.6	20.3	20.4	0	20.9
		1	49	22.7	22.6	22.6	22.4	22.7	0	23.4	20.4	20.6	20.8	20.6	20.1	0	20.9
		1	99	22.4	22.5	22.4	22.4	22.8	0	23.4	20.4	20.0	20.8	20.4	20.4	0	20.9
		50	0	22.5	22.4	22.3	22.3	22.4	0	23.4	20.5	20.4	20.2	20.5	20.4	0	20.9
		50	24	22.5	22.4	22.3	22.4	22.5	0	23.4	20.5	20.4	20.4	20.4	20.5	0	20.9
		50	50	22.5	22.4	22.3	22.4	22.5	0	23.4	20.5	20.3	20.3	20.4	20.4	0	20.9
		100	0	22.5	22.4	22.3	22.3	22.5	0	23.4	20.1	20.4	20.3	20.4	20.5	0	20.9
	64QAM	1	0	22.5	22.3	22.3	22.4	22.5	0	23.4	20.4	20.2	20.5	20.4	20.5	0	20.9
		1	49	22.7	22.4	22.4	22.4	22.7	0	23.4	20.8	20.4	20.5	20.5	20.7	0	20.9
		1	99	22.6	22.4	22.4	22.5	22.7	0	23.4	20.6	20.5	20.4	20.4	20.6	0	20.9
		50	0	22.2	22.1	22.0	22.0	22.2	0.7	22.7	20.5	20.4	20.4	20.4	20.4	0	20.9
		50	24	22.2	22.1	22.0	22.1	22.2	0.7	22.7	20.5	20.5	20.4	20.5	20.5	0	20.9
		50	50	22.2	22.1	22.0	22.1	22.3	0.7	22.7	20.4	20.4	20.4	20.4	20.4	0	20.9
		100	0	22.2	22.1	22.0	22.0	22.2	0.7	22.7	20.5	20.5	20.4	20.5	20.5	0	20.9
	256QAM	1	0	20.1	19.9	19.9	20.0	20.0	2.7	20.7	20.2	20.0	20.1	20.2	20.2	0.2	20.7
		1	49	20.2	20.0	20.0	20.1	20.1	2.7	20.7	20.1	20.1	20.1	20.3	20.1	0.2	20.7
		1	99	20.2	20.0	20.0	20.1	20.1	2.7	20.7	20.0	19.9	20.1	19.8	20.1	0.2	20.7
		50	0	20.2	20.1	19.9	20.0	20.1	2.7	20.7	20.0	19.9	20.0	20.0	20.1	0.2	20.7
		50	24	20.2	20.1	20.0	20.0	20.2	2.7	20.7	20.0	20.1	19.9	20.0	20.0	0.2	20.7
		50	50	20.2	20.1	20.0	20.1	20.2	2.7	20.7	20.0	20.1	19.9	20.0	20.0	0.2	20.7
		100	0	20.2	20.1	20.0	20.0	20.2	2.7	20.7	20.0	20.2	19.9	20.0	20.0	0.2	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)							Mode B Power (dBm)						
				39750	40185	40620	41055	41490	MPR	Max Power	39750	40185	40620	41055	41490	MPR	Max 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	22.2	22.1	22.1	22.0	22.1	0	23.4	20.2	20.1	20.0	20.0	20.1	0	20.9
		1	37	22.3	22.1	22.1	22.0	22.2	0	23.4	20.2	20.1	20.1	20.0	20.2	0	20.9
		1	74	22.2	22.1	22.1	22.1	22.3	0	23.4	20.2	20.2	20.1	20.1	20.2	0	20.9
		36	0	22.3	22.1	22.0	22.1	22.3	0	23.4	20.3	20.1	20.1	20.1	20.2	0	20.9
		36	20	22.3	22.2	22.1	22.1	22.3	0	23.4	20.3	20.2	20.1	20.1	20.2	0	20.9
		36	39	22.3	22.2	22.1	22.1	22.3	0	23.4	20.3	20.2	20.2	20.1	20.3	0	20.9
		75	0	22.3	22.2	22.0	22.1	22.3	0	23.4	20.3	20.2	20.1	20.1	20.3	0	20.9
	16QAM	1	0	22.3	22.1	22.3	22.2	22.2	0	23.4	20.3	20.3	20.4	20.5	20.3	0	20.9
		1	37	22.5	22.3	22.3	22.3	22.4	0	23.4	20.1	20.1	20.5	20.2	20.5	0	20.9
		1	74	22.4	22.3	22.3	22.4	22.4	0	23.4	20.1	20.2	20.5	20.5	20.3	0	20.9
		36	0	22.4	22.3	22.3	22.3	22.4	0	23.4	20.4	20.2	20.0	20.6	20.4	0	20.9
		36	20	22.5	22.4	22.4	22.3	22.5	0	23.4	20.4	20.1	20.3	20.4	20.5	0	20.9
		36	39	22.5	22.4	22.3	22.4	22.5	0	23.4	20.5	20.2	20.4	20.4	20.4	0	20.9
		75	0	22.5	22.4	22.3	22.3	22.5	0	23.4	20.5	20.1	20.4	20.4	20.4	0	20.9
	64QAM	1	0	22.4	22.4	22.4	22.4	22.4	0	23.4	20.4	20.3	20.6	20.2	20.3	0	20.9
		1	37	22.5	22.4	22.5	22.4	22.5	0	23.4	20.5	20.5	20.2	20.5	20.5	0	20.9
		1	74	22.4	22.5	22.4	22.4	22.6	0	23.4	20.0	20.2	20.4	20.8	20.5	0	20.9
		36	0	22.2	22.1	22.0	22.0	22.1	0.7	22.7	20.5	20.4	20.4	20.4	20.6	0	20.9
		36	20	22.2	22.1	22.1	22.0	22.2	0.7	22.7	20.5	20.5	20.4	20.4	20.5	0	20.9
		36	39	22.2	22.1	22.0	22.0	22.2	0.7	22.7	20.5	20.5	20.4	20.1	20.5	0	20.9
		75	0	22.2	22.1	22.0	22.0	22.2	0.7	22.7	20.5	20.5	20.4	20.4	20.5	0	20.9
	256QAM	1	0	20.1	19.9	19.7	20.0	20.0	2.7	20.7	20.0	20.1	19.9	19.7	20.1	0.2	20.7
		1	37	20.1	19.9	20.0	20.0	20.1	2.7	20.7	20.0	19.7	19.9	19.9	19.7	0.2	20.7
		1	74	20.2	20.1	19.9	20.0	20.1	2.7	20.7	20.3	19.9	19.5	19.8	19.7	0.2	20.7
		36	0	20.2	20.1	19.9	20.0	20.1	2.7	20.7	20.0	20.0	19.9	20.0	20.1	0.2	20.7
		36	20	20.2	20.1	20.1	20.0	20.2	2.7	20.7	20.1	20.0	20.0	20.0	20.1	0.2	20.7
		36	39	20.2	20.1	20.0	20.0	20.2	2.7	20.7	20.0	20.1	20.0	19.9	20.1	0.2	20.7
		75	0	20.2	20.1	20.0	20.0	20.2	2.7	20.7	20.1	20.0	20.0	19.8	19.7	0.2	20.7

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

BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)							Mode B Power (dBm)						
				39750	40185	40620	41055	41490	MPR	Max Power	39750	40185	40620	41055	41490	MPR	Max 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	22.4	22.2	22.2	22.1	22.3	0	23.4	20.4	20.2	20.2	20.2	20.3	0	20.9
		1	25	22.4	22.2	22.3	22.1	22.4	0	23.4	20.4	20.3	20.3	20.2	20.4	0	20.9
		1	49	22.3	22.2	22.2	22.2	22.3	0	23.4	20.4	20.2	20.2	20.2	20.3	0	20.9
		25	0	22.4	22.3	22.2	22.2	22.3	0	23.4	20.4	20.3	20.2	20.2	20.4	0	20.9
		25	12	22.5	22.3	22.3	22.2	22.4	0	23.4	20.5	20.4	20.3	20.3	20.5	0	20.9
		25	25	22.4	22.3	22.3	22.2	22.4	0	23.4	20.4	20.3	20.3	20.3	20.4	0	20.9
		50	0	22.4	22.3	22.2	22.2	22.4	0	23.4	20.4	20.3	20.2	20.2	20.4	0	20.9
	16QAM	1	0	22.7	22.3	22.4	22.5	22.4	0	23.4	20.7	20.5	20.5	20.5	20.6	0	20.9
		1	25	22.6	22.5	22.5	22.5	22.5	0	23.4	20.6	20.5	20.5	20.5	20.6	0	20.9
		1	49	22.7	22.5	22.5	22.5	22.6	0	23.4	20.6	20.5	20.5	20.4	20.6	0	20.9
		25	0	22.6	22.5	22.4	22.4	22.6	0	23.4	20.6	20.6	20.5	20.5	20.6	0	20.9
		25	12	22.6	22.5	22.5	22.5	22.6	0	23.4	20.6	20.6	20.6	20.5	20.6	0	20.9
		25	25	22.6	22.5	22.5	22.5	22.6	0	23.4	20.6	20.6	20.5	20.5	20.6	0	20.9
		50	0	22.6	22.5	22.4	22.5	22.6	0	23.4	20.6	20.6	20.5	20.5	20.6	0	20.9
	64QAM	1	0	22.7	22.4	22.5	22.5	22.6	0	23.4	20.6	20.5	20.5	20.4	20.5	0	20.9
		1	25	22.7	22.6	22.6	22.5	22.7	0	23.4	20.6	20.6	20.5	20.5	20.6	0	20.9
		1	49	22.7	22.5	22.5	22.6	22.7	0	23.4	20.5	20.5	20.5	20.5	20.5	0	20.9
		25	0	22.3	22.2	22.1	22.2	22.3	0.7	22.7	20.6	20.6	20.5	20.5	20.6	0	20.9
		25	12	22.4	22.2	22.2	22.2	22.3	0.7	22.7	20.7	20.6	20.6	20.5	20.6	0	20.9
		25	25	22.3	22.2	22.2	22.2	22.4	0.7	22.7	20.6	20.6	20.5	20.5	20.6	0	20.9
		50	0	22.3	22.2	22.1	22.2	22.3	0.7	22.7	20.6	20.6	20.5	20.5	20.6	0	20.9
	256QAM	1	0	20.2	20.0	20.0	20.1	20.2	2.7	20.7	20.1	20.0	20.1	20.0	20.1	0.2	20.7
		1	25	20.4	20.2	20.2	20.2	20.3	2.7	20.7	20.1	20.1	20.1	20.1	20.1	0.2	20.7
		1	49	20.3	20.2	20.1	20.2	20.3	2.7	20.7	20.1	20.1	20.0	20.0	20.1	0.2	20.7
		25	0	20.3	20.2	20.1	20.1	20.3	2.7	20.7	20.2	20.2	20.1	20.1	20.2	0.2	20.7
		25	12	20.3	20.2	20.2	20.2	20.3	2.7	20.7	20.2	20.2	20.2	20.1	20.2	0.2	20.7
		25	25	20.3	20.2	20.2	20.1	20.3	2.7	20.7	20.2	20.2	20.1	20.1	20.2	0.2	20.7
		50	0	20.3	20.2	20.1	20.1	20.3	2.7	20.7	20.2	20.2	20.1	20.1	20.2	0.2	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)							Mode B Power (dBm)						
				39750	40185	40620	41055	41490	MPR	Max Power	39750	40185	40620	41055	41490	MPR	Max 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	22.3	22.2	22.1	22.0	22.1	0	23.4	20.1	20.1	20.1	20.1	20.1	0	20.9
		1	12	22.4	22.1	22.1	22.1	22.2	0	23.4	20.1	20.1	20.1	20.0	20.2	0	20.9
		1	24	22.3	22.2	22.1	22.2	22.2	0	23.4	20.2	20.2	20.2	20.2	20.2	0	20.9
		12	0	22.3	22.2	22.1	22.0	22.1	0	23.4	20.2	20.1	20.1	20.1	20.2	0	20.9
		12	7	22.3	22.2	22.1	22.0	22.1	0	23.4	20.1	20.2	20.1	20.1	20.1	0	20.9
		12	13	22.3	22.2	22.1	22.0	22.2	0	23.4	20.1	20.1	20.1	20.1	20.2	0	20.9
		25	0	22.3	22.1	22.0	22.0	22.2	0	23.4	20.1	20.1	20.1	20.1	20.2	0	20.9
	16QAM	1	0	22.6	22.6	22.5	22.4	22.7	0	23.4	20.6	20.4	20.5	20.4	20.5	0	20.9
		1	12	22.7	22.7	22.5	22.5	22.9	0	23.4	20.6	20.5	20.6	20.5	20.6	0	20.9
		1	24	22.6	22.6	22.4	22.4	22.7	0	23.4	20.6	20.5	20.5	20.4	20.5	0	20.9
		12	0	22.6	22.6	22.3	22.4	22.5	0	23.4	20.6	20.6	20.6	20.5	20.5	0	20.9
		12	7	22.6	22.6	22.4	22.4	22.6	0	23.4	20.6	20.6	20.6	20.5	20.6	0	20.9
		12	13	22.6	22.6	22.3	22.4	22.6	0	23.4	20.6	20.6	20.6	20.5	20.6	0	20.9
		25	0	22.6	22.5	22.5	22.4	22.6	0	23.4	20.6	20.5	20.6	20.5	20.6	0	20.9
	64QAM	1	0	22.7	22.5	22.5	22.5	22.6	0	23.4	20.7	20.6	20.5	20.5	20.6	0	20.9
		1	12	22.8	22.6	22.7	22.6	22.6	0	23.4	20.7	20.6	20.6	20.5	20.6	0	20.9
		1	24	22.8	22.6	22.6	22.5	22.7	0	23.4	20.7	20.6	20.5	20.4	20.5	0	20.9
		12	0	22.4	22.2	22.2	22.1	22.3	0.7	22.7	20.6	20.5	20.5	20.5	20.6	0	20.9
		12	7	22.4	22.3	22.2	22.2	22.3	0.7	22.7	20.7	20.6	20.6	20.5	20.6	0	20.9
		12	13	22.4	22.2	22.2	22.2	22.3	0.7	22.7	20.6	20.6	20.6	20.5	20.6	0	20.9
		25	0	22.4	22.2	22.2	22.1	22.3	0.7	22.7	20.6	20.6	20.6	20.5	20.6	0	20.9
	256QAM	1	0	20.3	20.1	20.2	20.1	20.1	2.7	20.7	20.1	20.0	20.1	20.1	20.1	0.2	20.7
		1	12	20.4	20.2	20.2	20.1	20.2	2.7	20.7	20.1	20.1	20.1	20.1	20.2	0.2	20.7
		1	24	20.3	20.2	20.1	20.1	20.2	2.7	20.7	20.1	20.1	20.1	20.0	20.1	0.2	20.7
		12	0	20.3	20.2	20.2	20.1	20.3	2.7	20.7	20.2	20.1	20.2	20.1	20.1	0.2	20.7
		12	7	20.4	20.3	20.2	20.2	20.3	2.7	20.7	20.3	20.2	20.2	20.2	20.2	0.2	20.7
		12	13	20.3	20.3	20.2	20.1	20.3	2.7	20.7	20.2	20.2	20.2	20.1	20.2	0.2	20.7
		25	0	20.3	20.2	20.2	20.1	20.3	2.7	20.7	20.2	20.2	20.2	20.1	20.2	0.2	20.7

LTE Band 41 Power Class 3 Measured Results (ANT2)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)							Mode B Power (dBm)						
				39750	40185	40620	41055	41490	MPR	Max Power	39750	40185	40620	41055	41490	MPR	Max 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	18.8	18.5	18.4	18.3	18.5	0	19.9	19.2	18.9	18.8	18.8	18.9	0	20.3
		1	49	18.8	18.6	18.4	18.3	18.5	0	19.9	19.2	18.9	18.7	18.8	18.9	0	20.3
		1	99	18.7	18.5	18.5	18.4	18.6	0	19.9	19.1	18.9	18.9	18.9	19.0	0	20.3
		50	0	18.9	18.6	18.5	18.4	18.5	0	19.9	19.3	19.0	18.9	18.8	18.9	0	20.3
		50	24	18.8	18.7	18.4	18.5	18.6	0	19.9	19.2	19.0	18.9	18.9	19.0	0	20.3
		50	50	18.8	18.5	18.5	18.4	18.5	0	19.9	19.2	18.9	18.8	18.8	18.9	0	20.3
		100	0	18.8	18.6	18.4	18.5	18.6	0	19.9	19.0	19.0	18.9	18.9	19.0	0	20.3
	16QAM	1	0	18.9	18.7	18.5	18.4	18.6	0	19.9	19.4	19.0	18.9	18.9	18.9	0	20.3
		1	49	18.9	18.8	18.6	18.4	18.8	0	19.9	19.4	19.1	18.9	19.0	19.0	0	20.3
		1	99	18.9	18.7	18.5	18.6	18.8	0	19.9	19.3	19.0	18.9	19.1	19.1	0	20.3
		50	0	18.9	18.7	18.4	18.4	18.5	0	19.9	19.3	19.0	18.9	18.8	19.0	0	20.3
		50	24	18.9	18.7	18.5	18.5	18.6	0	19.9	19.2	19.0	18.9	18.9	19.0	0	20.3
		50	50	18.8	18.5	18.4	18.4	18.5	0	19.9	19.2	18.9	18.8	18.8	18.9	0	20.3
		100	0	18.8	18.7	18.5	18.5	18.6	0	19.9	19.2	19.0	18.9	18.9	19.0	0	20.3
	64QAM	1	0	18.7	18.6	18.5	18.5	18.6	0	19.9	19.2	19.0	18.9	18.8	19.0	0	20.3
		1	49	18.8	18.6	18.5	18.4	18.7	0	19.9	19.2	19.0	18.9	18.9	19.0	0	20.3
		1	99	18.8	18.5	18.5	18.6	18.8	0	19.9	19.2	18.9	18.9	19.0	19.1	0	20.3
		50	0	18.9	18.7	18.5	18.4	18.6	0	19.9	19.3	19.0	18.9	18.8	19.0	0	20.3
		50	24	18.8	18.7	18.5	18.5	18.6	0	19.9	19.2	19.1	18.9	18.9	19.0	0	20.3
		50	50	18.8	18.6	18.5	18.4	18.6	0	19.9	19.2	19.0	18.9	18.9	19.0	0	20.3
		100	0	18.8	18.7	18.5	18.5	18.6	0	19.9	19.2	19.0	18.9	18.9	19.0	0	20.3
	256QAM	1	0	18.9	18.5	18.5	18.4	18.4	0	19.9	19.3	19.0	18.7	18.8	18.9	0	20.3
		1	49	18.9	18.6	18.4	18.6	18.5	0	19.9	19.2	19.0	18.8	18.9	18.9	0	20.3
		1	99	18.8	18.6	18.4	18.5	18.5	0	19.9	19.3	18.9	18.7	19.0	19.0	0	20.3
		50	0	18.9	18.7	18.5	18.4	18.6	0	19.9	19.3	19.1	18.9	18.8	19.0	0	20.3
		50	24	18.8	18.7	18.5	18.5	18.6	0	19.9	19.2	19.1	18.9	18.9	19.0	0	20.3
		50	50	18.8	18.6	18.4	18.4	18.6	0	19.9	19.2	19.0	18.8	18.8	19.0	0	20.3
		100	0	18.8	18.7	18.5	18.5	18.6	0	19.9	19.2	19.1	18.9	18.9	19.0	0	20.3

BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)							Mode B Power (dBm)						
				39750	40185	40620	41055	41490	MPR	Max Power	39750	40185	40620	41055	41490	MPR	Max 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	18.8	18.6	18.3	18.3	18.4	0	19.9	19.2	18.9	18.8	18.7	18.9	0	20.3
		1	37	18.8	18.5	18.4	18.4	18.5	0	19.9	19.2	18.9	18.8	18.8	18.9	0	20.3
		1	74	18.8	18.6	18.4	18.4	18.6	0	19.9	19.1	19.0	18.8	18.9	19.0	0	20.3
		36	0	18.9	18.6	18.4	18.4	18.5	0	19.9	19.3	19.0	18.8	18.8	19.0	0	20.3
		36	20	18.9	18.6	18.4	18.4	18.6	0	19.9	19.3	19.0	18.9	18.8	19.0	0	20.3
		36	39	18.8	18.5	18.4	18.4	18.5	0	19.9	19.2	18.9	18.8	18.8	18.9	0	20.3
		75	0	18.8	18.6	18.4	18.4	18.5	0	19.9	19.2	19.0	18.9	18.8	19.0	0	20.3
	16QAM	1	0	18.9	18.5	18.4	18.3	18.3	0	19.9	19.3	18.9	18.8	18.8	18.8	0	20.3
		1	37	18.9	18.5	18.5	18.4	18.4	0	19.9	19.2	18.9	18.8	18.8	18.8	0	20.3
		1	74	18.8	18.5	18.4	18.5	18.5	0	19.9	19.2	18.9	18.9	18.9	18.9	0	20.3
		36	0	18.9	18.6	18.5	18.4	18.6	0	19.9	19.3	19.0	18.9	18.9	19.0	0	20.3
		36	20	18.9	18.6	18.5	18.4	18.6	0	19.9	19.3	19.0	18.9	18.9	19.0	0	20.3
		36	39	18.8	18.6	18.4	18.4	18.5	0	19.9	19.2	19.0	18.8	18.8	18.9	0	20.3
		75	0	18.8	18.7	18.4	18.4	18.6	0	19.9	19.2	19.0	18.9	18.9	19.0	0	20.3
	64QAM	1	0	18.8	18.5	18.5	18.3	18.4	0	19.9	19.1	18.8	18.8	18.7	18.8	0	20.3
		1	37	18.8	18.5	18.5	18.4	18.5	0	19.9	19.2	18.9	18.8	18.8	18.9	0	20.3
		1	74	18.8	18.5	18.5	18.4	18.7	0	19.9	19.1	18.9	18.9	18.9	19.0	0	20.3
		36	0	18.9	18.6	18.5	18.5	18.6	0	19.9	19.3	19.0	18.9	18.9	19.0	0	20.3
		36	20	18.9	18.7	18.5	18.5	18.6	0	19.9	19.3	19.0	18.9	18.9	19.0	0	20.3
		36	39	18.8	18.6	18.4	18.4	18.5	0	19.9	19.2	19.0	18.8	18.8	19.0	0	20.3
		75	0	18.8	18.7	18.5	18.5	18.6	0	19.9	19.2	19.0	18.9	18.9	19.0	0	20.3
	256QAM	1	0	18.7	18.5	18.3	18.3	18.5	0	19.9	19.3	19.0	18.7	18.8	18.9	0	20.3
		1	37	18.8	18.5	18.4	18.4	18.6	0	19.9	19.2	18.9	18.7	18.9	19.0	0	20.3
		1	74	18.7	18.5	18.4	18.4	18.5	0	19.9	19.2	19.0	18.7	18.9	18.9	0	20.3
		36	0	18.9	18.6	18.5	18.5	18.6	0	19.9	19.3	19.1	18.8	18.8	19.0	0	20.3
		36	20	18.9	18.6	18.5	18.5	18.6	0	19.9	19.3	19.1	18.9	18.9	19.0	0	20.3
		36	39	18.8	18.6	18.4	18.4	18.6	0	19.9	19.2	19.0	18.8	18.8	18.9	0	20.3
		75	0	18.8	18.6	18.5	18.5	18.6	0	19.9	19.2	19.0	18.9	18.9	19.0	0	20.3

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

BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)							Mode B Power (dBm)						
				39750	40185	40620	41055	41490	MPR	Max Power	39750	40185	40620	41055	41490	MPR	Max 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	19.0	18.7	18.5	18.5	18.6	0	19.9	19.3	19.1	18.9	18.9	19.0	0	20.3
		1	25	19.0	18.7	18.5	18.5	18.7	0	19.9	19.4	19.1	19.0	18.9	19.1	0	20.3
		1	49	18.9	18.6	18.5	18.5	18.6	0	19.9	19.3	19.0	18.9	18.9	19.1	0	20.3
		25	0	19.0	18.7	18.5	18.6	18.7	0	19.9	19.4	19.1	19.0	19.0	19.1	0	20.3
		25	12	18.9	18.8	18.6	18.6	18.7	0	19.9	19.3	19.2	19.0	19.0	19.1	0	20.3
		25	25	18.9	18.7	18.5	18.5	18.7	0	19.9	19.3	19.1	18.9	18.9	19.1	0	20.3
		50	0	18.9	18.7	18.6	18.5	18.6	0	19.9	19.3	19.1	19.0	19.0	19.1	0	20.3
	16QAM	1	0	18.9	18.7	18.6	18.4	18.6	0	19.9	19.4	19.0	18.9	19.0	18.9	0	20.3
		1	25	18.9	18.8	18.7	18.5	18.6	0	19.9	19.5	19.1	19.0	19.1	19.0	0	20.3
		1	49	18.8	18.7	18.6	18.4	18.7	0	19.9	19.4	19.0	19.0	19.1	19.0	0	20.3
		25	0	19.0	18.7	18.6	18.5	18.7	0	19.9	19.4	19.1	19.0	19.0	19.1	0	20.3
		25	12	18.9	18.8	18.6	18.6	18.7	0	19.9	19.3	19.2	19.0	19.0	19.2	0	20.3
		25	25	18.9	18.7	18.5	18.5	18.7	0	19.9	19.3	19.1	18.9	18.9	19.2	0	20.3
		50	0	18.9	18.7	18.6	18.6	18.7	0	19.9	19.3	19.2	19.0	19.0	19.1	0	20.3
	64QAM	1	0	18.9	18.6	18.7	18.5	18.5	0	19.9	19.3	19.1	19.0	18.9	18.9	0	20.3
		1	25	19.0	18.6	18.6	18.6	18.7	0	19.9	19.4	19.1	19.1	19.0	19.0	0	20.3
		1	49	18.9	18.6	18.5	18.6	18.6	0	19.9	19.3	19.0	19.0	18.9	18.9	0	20.3
		25	0	19.0	18.7	18.6	18.6	18.7	0	19.9	19.4	19.1	19.0	19.0	19.1	0	20.3
		25	12	19.0	18.8	18.6	18.6	18.8	0	19.9	19.3	19.2	19.0	19.0	19.1	0	20.3
		25	25	18.9	18.7	18.6	18.5	18.8	0	19.9	19.3	19.1	18.9	18.9	19.2	0	20.3
		50	0	18.9	18.7	18.6	18.6	18.8	0	19.9	19.3	19.2	19.0	19.0	19.1	0	20.3
	256QAM	1	0	18.9	18.7	18.4	18.5	18.6	0	19.9	19.3	19.1	18.8	19.0	19.0	0	20.3
		1	25	18.9	18.8	18.5	18.6	18.7	0	19.9	19.4	19.1	18.8	19.0	19.0	0	20.3
		1	49	18.9	18.6	18.4	18.5	18.5	0	19.9	19.2	19.0	18.8	18.9	19.0	0	20.3
		25	0	19.0	18.8	18.6	18.6	18.7	0	19.9	19.4	19.1	19.0	19.0	19.1	0	20.3
		25	12	19.0	18.8	18.6	18.6	18.7	0	19.9	19.3	19.2	19.1	19.1	19.1	0	20.3
		25	25	19.0	18.7	18.6	18.5	18.7	0	19.9	19.3	19.1	19.0	19.0	19.2	0	20.3
		50	0	18.9	18.8	18.6	18.5	18.7	0	19.9	19.3	19.1	19.0	19.0	19.1	0	20.3

BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)							Mode B Power (dBm)						
				39750	40185	40620	41055	41490	MPR	Max Power	39750	40185	40620	41055	41490	MPR	Max 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	18.9	18.7	18.5	18.5	18.5	0	19.9	19.3	19.0	18.9	18.8	19.0	0	20.3
		1	12	19.0	18.7	18.6	18.6	18.6	0	19.9	19.3	19.1	19.0	18.9	19.1	0	20.3
		1	24	18.9	18.6	18.5	18.5	18.5	0	19.9	19.3	19.0	18.9	18.9	19.0	0	20.3
		12	0	18.9	18.7	18.6	18.5	18.6	0	19.9	19.4	19.1	19.0	18.9	19.1	0	20.3
		12	7	18.9	18.8	18.6	18.6	18.7	0	19.9	19.3	19.2	19.0	19.0	19.1	0	20.3
		12	13	18.9	18.7	18.5	18.5	18.7	0	19.9	19.3	19.1	18.9	19.0	19.1	0	20.3
		25	0	18.9	18.7	18.6	18.5	18.7	0	19.9	19.3	19.1	19.0	19.0	19.1	0	20.3
	16QAM	1	0	18.9	18.6	18.6	18.5	18.5	0	19.9	19.3	19.2	19.0	18.9	19.2	0	20.3
		1	12	19.0	18.7	18.8	18.6	18.7	0	19.9	19.3	19.3	19.1	18.9	19.3	0	20.3
		1	24	18.9	18.6	18.6	18.5	18.6	0	19.9	19.2	19.2	19.0	18.9	19.2	0	20.3
		12	0	19.1	18.7	18.7	18.4	18.6	0	19.9	19.4	19.1	19.0	19.0	19.1	0	20.3
		12	7	19.0	18.8	18.7	18.4	18.6	0	19.9	19.3	19.1	19.0	19.0	19.1	0	20.3
		12	13	19.0	18.7	18.6	18.4	18.6	0	19.9	19.3	19.1	18.9	19.0	19.1	0	20.3
		25	0	18.9	18.7	18.6	18.6	18.7	0	19.9	19.3	19.1	19.0	18.9	19.1	0	20.3
	64QAM	1	0	19.0	18.7	18.5	18.5	18.7	0	19.9	19.4	19.2	19.0	19.0	19.0	0	20.3
		1	12	19.1	18.8	18.6	18.7	18.8	0	19.9	19.4	19.2	19.1	19.1	19.1	0	20.3
		1	24	19.0	18.7	18.5	18.6	18.7	0	19.9	19.4	19.2	19.0	19.0	19.0	0	20.3
		12	0	19.0	18.8	18.6	18.6	18.7	0	19.9	19.4	19.1	19.0	19.0	19.1	0	20.3
		12	7	18.9	18.8	18.6	18.6	18.7	0	19.9	19.4	19.2	19.1	19.0	19.1	0	20.3
		12	13	18.9	18.8	18.5	18.6	18.7	0	19.9	19.4	19.2	18.9	19.0	19.1	0	20.3
		25	0	18.9	18.8	18.6	18.6	18.7	0	19.9	19.3	19.1	19.0	19.0	19.1	0	20.3
	256QAM	1	0	18.9	18.6	18.5	18.5	18.6	0	19.9	19.4	19.1	19.0	19.0	18.9	0	20.3
		1	12	19.0	18.7	18.6	18.6	18.7	0	19.9	19.5	19.1	19.0	19.0	19.0	0	20.3
		1	24	18.8	18.6	18.4	18.5	18.5	0	19.9	19.2	19.0	18.9	18.9	18.9	0	20.3
		12	0	19.0	18.7	18.6	18.6	18.7	0	19.9	19.3	19.1	19.1	19.0	19.1	0	20.3
		12	7	18.9	18.8	18.6	18.6	18.7	0	19.9	19.3	19.2	19.1	19.1	19.1	0	20.3
		12	13	18.9	18.8	18.5	18.6	18.6	0	19.9	19.3	19.1	19.0	19.0	19.1	0	20.3
		25	0	18.9	18.8	18.6	18.6	18.7	0	19.9	19.3	19.2	19.0	19.0	19.1	0	20.3

LTE Band 41 Power Class 3 Measured Results (ANT3)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)							Mode B Power (dBm)						
				39750	40185	40620	41055	41490	MPR	Max Power	39750	40185	40620	41055	41490	MPR	Max 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	23.0	23.2	23.2	22.9	22.7	0	24.2	20.2	20.6	20.5	20.2	19.9	0	21.5
		1	49	23.5	23.2	23.1	22.9	22.6	0	24.2	20.7	20.5	20.3	20.1	19.9	0	21.5
		1	99	23.6	23.2	23.1	23.0	22.7	0	24.2	20.7	20.4	20.4	20.1	20.0	0	21.5
		50	0	23.4	23.3	23.2	22.8	22.7	0	24.2	20.6	20.6	20.4	20.2	20.0	0	21.5
		50	24	23.6	23.3	23.1	22.8	22.8	0	24.2	20.7	20.6	20.4	20.2	20.0	0	21.5
		50	50	23.5	23.2	23.1	22.8	22.7	0	24.2	20.6	20.5	20.3	20.1	19.9	0	21.5
		100	0	23.5	23.3	23.1	22.9	22.8	0	24.2	20.7	20.6	20.3	20.2	20.0	0	21.5
	16QAM	1	0	23.2	23.7	23.5	23.5	23.6	0	24.2	20.4	20.8	20.6	20.5	20.2	0	21.5
		1	49	23.9	23.8	23.7	23.6	23.9	0	24.2	21.0	20.9	20.8	20.4	20.2	0	21.5
		1	99	23.8	23.7	23.7	23.6	23.8	0	24.2	20.9	20.7	20.6	20.3	20.2	0	21.5
		50	0	23.4	23.4	23.3	23.3	23.2	0.5	23.7	20.7	20.7	20.5	20.2	20.1	0	21.5
		50	24	23.6	23.4	23.4	23.3	23.4	0.5	23.7	20.9	20.7	20.4	20.2	20.1	0	21.5
		50	50	23.5	23.3	23.4	23.3	23.4	0.5	23.7	20.8	20.6	20.4	20.2	20.0	0	21.5
		100	0	23.5	23.4	23.4	23.3	23.3	0.5	23.7	20.8	20.7	20.4	20.2	20.1	0	21.5
	64QAM	1	0	22.8	23.4	23.2	23.3	23.2	0.5	23.7	20.2	20.6	20.4	20.2	20.0	0	21.5
		1	49	23.5	23.4	23.3	23.3	23.3	0.5	23.7	20.7	20.5	20.4	20.2	20.1	0	21.5
		1	99	23.5	23.4	23.3	23.3	23.5	0.5	23.7	20.7	20.4	20.4	20.1	20.1	0	21.5
		50	0	22.4	22.4	22.3	22.3	22.3	1.5	22.7	20.7	20.7	20.5	20.2	20.1	0	21.5
		50	24	22.6	22.4	22.3	22.3	22.4	1.5	22.7	20.8	20.7	20.4	20.2	20.1	0	21.5
		50	50	22.5	22.3	22.3	22.3	22.4	1.5	22.7	20.8	20.6	20.4	20.1	20.1	0	21.5
		100	0	22.5	22.3	22.3	22.3	22.3	1.5	22.7	20.7	20.7	20.4	20.2	20.1	0	21.5
	256QAM	1	0	20.0	20.3	20.2	20.3	20.2	3.5	20.7	19.9	20.3	20.0	19.7	19.6	0.8	20.7
		1	49	20.5	20.3	20.2	20.3	20.3	3.5	20.7	20.3	20.1	19.9	19.7	19.6	0.8	20.7
		1	99	20.6	20.3	20.4	20.4	20.4	3.5	20.7	20.4	20.1	19.9	19.6	19.6	0.8	20.7
		50	0	20.4	20.4	20.3	20.3	20.2	3.5	20.7	20.2	20.2	20.0	19.7	19.6	0.8	20.7
		50	24	20.5	20.3	20.3	20.3	20.4	3.5	20.7	20.3	20.2	19.9	19.7	19.7	0.8	20.7
		50	50	20.5	20.4	20.3	20.3	20.4	3.5	20.7	20.3	20.1	19.9	19.6	19.6	0.8	20.7
		100	0	20.5	20.4	20.3	20.3	20.3	3.5	20.7	20.3	20.1	19.9	19.7	19.6	0.8	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)							Mode B Power (dBm)						
				39750	40185	40620	41055	41490	MPR	Max Power	39750	40185	40620	41055	41490	MPR	Max 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	23.4	23.5	23.4	23.4	23.4	0	24.2	20.4	20.6	20.4	20.3	20.0	0	21.5
		1	37	23.7	23.5	23.5	23.5	23.6	0	24.2	20.7	20.6	20.4	20.2	20.1	0	21.5
		1	74	23.7	23.6	23.6	23.5	23.6	0	24.2	20.7	20.6	20.4	20.3	20.1	0	21.5
		36	0	23.6	23.6	23.5	23.5	23.5	0	24.2	20.7	20.7	20.5	20.3	20.1	0	21.5
		36	20	23.7	23.5	23.5	23.5	23.6	0	24.2	20.8	20.7	20.4	20.3	20.2	0	21.5
		36	39	23.7	23.5	23.6	23.5	23.6	0	24.2	20.7	20.6	20.4	20.2	20.1	0	21.5
		75	0	23.7	23.5	23.5	23.5	23.5	0	24.2	20.7	20.7	20.4	20.3	20.1	0	21.5
	16QAM	1	0	23.5	23.5	23.5	23.4	23.4	0	24.2	20.5	20.5	20.3	20.2	20.0	0	21.5
		1	37	23.7	23.6	23.5	23.5	23.6	0	24.2	20.8	20.5	20.3	20.3	20.0	0	21.5
		1	74	23.7	23.6	23.6	23.4	23.5	0	24.2	20.7	20.5	20.3	20.1	20.0	0	21.5
		36	0	23.5	23.4	23.3	23.3	23.3	0.5	23.7	20.7	20.7	20.5	20.3	20.1	0	21.5
		36	20	23.6	23.3	23.3	23.3	23.4	0.5	23.7	20.8	20.7	20.4	20.3	20.1	0	21.5
		36	39	23.5	23.4	23.4	23.3	23.4	0.5	23.7	20.8	20.6	20.4	20.2	20.1	0	21.5
		75	0	23.5	23.3	23.3	23.3	23.3	0.5	23.7	20.8	20.7	20.4	20.3	20.2	0	21.5
	64QAM	1	0	23.1	23.2	23.2	23.2	23.2	0.5	23.7	20.4	20.6	20.3	20.2	20.1	0	21.5
		1	37	23.4	23.4	23.3	23.3	23.3	0.5	23.7	20.7	20.6	20.3	20.2	20.1	0	21.5
		1	74	23.4	23.4	23.3	23.3	23.4	0.5	23.7	20.6	20.6	20.4	20.1	20.1	0	21.5
		36	0	22.5	22.4	22.3	22.3	22.2	1.5	22.7	20.7	20.7	20.5	20.3	20.2	0	21.5
		36	20	22.5	22.3	22.3	22.3	22.4	1.5	22.7	20.8	20.7	20.4	20.3	20.2	0	21.5
		36	39	22.5	22.3	22.3	22.3	22.4	1.5	22.7	20.7	20.6	20.4	20.2	20.1	0	21.5
		75	0	22.5	22.3	22.3	22.3	22.3	1.5	22.7	20.8	20.7	20.4	20.3	20.2	0	21.5
	256QAM	1	0	20.2	20.2	20.1	20.3	20.2	3.5	20.7	20.0	20.2	19.9	19.7	19.6	0.8	20.7
		1	37	20.4	20.3	20.2	20.2	20.2	3.5	20.7	20.2	20.1	20.0	19.7	19.7	0.8	20.7
		1	74	20.4	20.3	20.3	20.3	20.5	3.5	20.7	20.2	20.1	19.8	19.7	19.6	0.8	20.7
		36	0	20.4	20.4	20.2	20.3	20.2	3.5	20.7	20.2	20.2	20.0	19.8	19.6	0.8	20.7
		36	20	20.5	20.3	20.3	20.3	20.3	3.5	20.7	20.3	20.2	19.9	19.8	19.7	0.8	20.7
		36	39	20.5	20.3	20.3	20.3	20.4	3.5	20.7	20.2	20.1	19.9	19.7	19.6	0.8	20.7
		75	0	20.5	20.3	20.3	20.3	20.3	3.5	20.7	20.3	20.2	19.9	19.8	19.7	0.8	20.7

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

BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)							Mode B Power (dBm)						
				39750	40185	40620	41055	41490	MPR	Max Power	39750	40185	40620	41055	41490	MPR	Max 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	23.7	23.7	23.6	23.5	23.6	0	24.2	20.9	20.7	20.5	20.3	20.1	0	21.5
		1	25	23.8	23.7	23.6	23.6	23.7	0	24.2	20.8	20.7	20.5	20.3	20.2	0	21.5
		1	49	23.9	23.7	23.7	23.5	23.7	0	24.2	20.8	20.7	20.5	20.3	20.2	0	21.5
		25	0	23.9	23.7	23.6	23.6	23.7	0	24.2	20.9	20.8	20.6	20.4	20.2	0	21.5
		25	12	23.9	23.7	23.7	23.7	23.8	0	24.2	20.9	20.8	20.5	20.4	20.3	0	21.5
		25	25	23.9	23.7	23.7	23.6	23.8	0	24.2	20.9	20.7	20.5	20.3	20.2	0	21.5
		50	0	23.9	23.7	23.7	23.6	23.7	0	24.2	20.9	20.8	20.5	20.4	20.2	0	21.5
	16QAM	1	0	23.8	23.6	23.6	23.6	23.7	0	24.2	20.8	20.7	20.5	20.3	20.1	0	21.5
		1	25	24.0	23.6	23.7	23.7	23.6	0	24.2	21.0	20.7	20.5	20.3	20.2	0	21.5
		1	49	24.0	23.6	23.7	23.7	23.7	0	24.2	20.9	20.6	20.4	20.2	20.2	0	21.5
		25	0	23.7	23.5	23.5	23.4	23.5	0.5	23.7	20.9	20.8	20.6	20.4	20.2	0	21.5
		25	12	23.5	23.5	23.5	23.4	23.5	0.5	23.7	21.0	20.8	20.5	20.4	20.3	0	21.5
		25	25	23.5	23.5	23.5	23.4	23.6	0.5	23.7	20.9	20.7	20.5	20.3	20.2	0	21.5
		50	0	23.7	23.5	23.5	23.4	23.5	0.5	23.7	20.9	20.8	20.5	20.4	20.3	0	21.5
	64QAM	1	0	23.5	23.5	23.4	23.4	23.4	0.5	23.7	20.8	20.7	20.5	20.3	20.2	0	21.5
		1	25	23.6	23.5	23.5	23.4	23.4	0.5	23.7	20.9	20.7	20.6	20.4	20.2	0	21.5
		1	49	23.7	23.5	23.5	23.4	23.4	0.5	23.7	20.9	20.7	20.5	20.3	20.2	0	21.5
		25	0	22.6	22.5	22.4	22.4	22.5	1.5	22.7	20.9	20.8	20.6	20.4	20.3	0	21.5
		25	12	22.7	22.5	22.4	22.4	22.5	1.5	22.7	20.9	20.8	20.5	20.4	20.3	0	21.5
		25	25	22.7	22.5	22.5	22.4	22.5	1.5	22.7	20.8	20.7	20.5	20.3	20.2	0	21.5
		50	0	22.7	22.4	22.4	22.4	22.5	1.5	22.7	20.9	20.8	20.5	20.4	20.3	0	21.5
	256QAM	1	0	20.5	20.4	20.2	20.3	20.4	3.5	20.7	20.3	20.3	20.0	19.9	19.7	0.8	20.7
		1	25	20.6	20.5	20.3	20.4	20.4	3.5	20.7	20.4	20.3	20.1	19.9	19.7	0.8	20.7
		1	49	20.6	20.4	20.3	20.3	20.4	3.5	20.7	20.3	20.2	20.0	19.8	19.6	0.8	20.7
		25	0	20.6	20.5	20.4	20.4	20.5	3.5	20.7	20.4	20.3	20.1	19.9	19.8	0.8	20.7
		25	12	20.7	20.5	20.4	20.4	20.5	3.5	20.7	20.5	20.3	20.0	19.9	19.8	0.8	20.7
		25	25	20.7	20.4	20.4	20.4	20.5	3.5	20.7	20.4	20.2	20.0	19.8	19.7	0.8	20.7
		50	0	20.6	20.4	20.4	20.4	20.5	3.5	20.7	20.4	20.3	20.0	19.9	19.8	0.8	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)							Mode B Power (dBm)						
				39750	40185	40620	41055	41490	MPR	Max Power	39750	40185	40620	41055	41490	MPR	Max 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	23.8	23.7	23.6	23.5	23.6	0	24.2	20.8	20.7	20.4	20.2	20.1	0	21.5
		1	12	23.9	23.8	23.7	23.6	23.7	0	24.2	20.9	20.7	20.5	20.4	20.2	0	21.5
		1	24	23.8	23.6	23.6	23.5	23.7	0	24.2	20.9	20.6	20.4	20.2	20.1	0	21.5
		12	0	23.9	23.7	23.7	23.6	23.7	0	24.2	20.9	20.7	20.6	20.3	20.2	0	21.5
		12	7	23.9	23.7	23.7	23.7	23.8	0	24.2	20.9	20.8	20.6	20.4	20.2	0	21.5
		12	13	23.9	23.7	23.7	23.6	23.7	0	24.2	20.9	20.7	20.5	20.4	20.2	0	21.5
		25	0	23.9	23.7	23.6	23.6	23.7	0	24.2	20.9	20.7	20.5	20.4	20.2	0	21.5
	16QAM	1	0	23.9	23.7	23.7	23.6	23.7	0	24.2	20.9	20.7	20.5	20.4	20.2	0	21.5
		1	12	24.0	23.8	23.8	23.7	23.8	0	24.2	21.0	20.8	20.6	20.5	20.3	0	21.5
		1	24	23.9	23.7	23.8	23.6	23.7	0	24.2	20.9	20.7	20.4	20.3	20.2	0	21.5
		12	0	23.7	23.5	23.5	23.5	23.5	0.5	23.7	20.9	20.9	20.6	20.4	20.2	0	21.5
		12	7	23.7	23.5	23.5	23.6	23.5	0.5	23.7	20.9	20.9	20.6	20.4	20.2	0	21.5
		12	13	23.7	23.4	23.5	23.5	23.5	0.5	23.7	20.9	20.8	20.5	20.4	20.2	0	21.5
		25	0	23.7	23.4	23.5	23.4	23.5	0.5	23.7	20.9	20.7	20.4	20.4	20.3	0	21.5
	64QAM	1	0	23.6	23.5	23.4	23.4	23.5	0.5	23.7	20.9	20.7	20.5	20.4	20.0	0	21.5
		1	12	23.7	23.6	23.5	23.5	23.6	0.5	23.7	20.9	20.8	20.6	20.4	20.2	0	21.5
		1	24	23.7	23.5	23.4	23.5	23.5	0.5	23.7	20.9	20.7	20.5	20.3	20.1	0	21.5
		12	0	22.7	22.5	22.4	22.4	22.5	1.5	22.7	20.9	20.7	20.5	20.4	20.2	0	21.5
		12	7	22.6	22.5	22.5	22.4	22.6	1.5	22.7	20.9	20.8	20.6	20.4	20.2	0	21.5
		12	13	22.6	22.5	22.4	22.4	22.5	1.5	22.7	20.9	20.7	20.4	20.4	20.2	0	21.5
		25	0	22.7	22.5	22.4	22.4	22.5	1.5	22.7	20.9	20.8	20.4	20.4	20.2	0	21.5
	256QAM	1	0	20.6	20.4	20.3	20.4	20.4	3.5	20.7	20.3	20.2	20.0	19.8	19.6	0.8	20.7
		1	12	20.6	20.5	20.4	20.4	20.4	3.5	20.7	20.4	20.3	20.1	19.8	19.7	0.8	20.7
		1	24	20.6	20.4	20.3	20.4	20.4	3.5	20.7	20.4	20.2	19.9	19.7	19.6	0.8	20.7
		12	0	20.7	20.5	20.3	20.4	20.5	3.5	20.7	20.4	20.2	20.0	19.9	19.7	0.8	20.7
		12	7	20.7	20.5	20.4	20.4	20.5	3.5	20.7	20.4	20.3	20.0	19.9	19.8	0.8	20.7
		12	13	20.7	20.4	20.4	20.4	20.5	3.5	20.7	20.4	20.2	19.9	19.9	19.7	0.8	20.7
		25	0	20.7	20.4	20.4	20.4	20.5	3.5	20.7	20.4	20.3	20.0	19.8	19.7	0.8	20.7

LTE Band 41 Power Class 3 Measured Results (ANT4)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)							Mode B Power (dBm)						
				39750	40185	40620	41055	41490	MPR	Max Power	39750	40185	40620	41055	41490	MPR	Max 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	19.7	19.6	19.7	19.9	0	21.0	20.3	20.3	20.1	20.3	20.4	0	21.5
		1	49	20.0	19.7	19.6	19.7	20.0	0	21.0	20.5	20.3	20.1	20.3	20.5	0	21.5
		1	99	20.0	19.7	19.7	19.9	20.1	0	21.0	20.5	20.3	20.3	20.4	20.6	0	21.5
		50	0	20.0	19.8	19.7	19.8	20.0	0	21.0	20.5	20.4	20.2	20.4	20.5	0	21.5
		50	24	20.1	19.8	19.7	19.8	20.0	0	21.0	20.6	20.4	20.2	20.4	20.5	0	21.5
		50	50	20.0	19.7	19.7	19.9	20.1	0	21.0	20.5	20.3	20.2	20.4	20.6	0	21.5
		100	0	19.9	19.8	19.7	19.8	20.0	0	21.0	20.4	20.4	20.2	20.4	20.5	0	21.5
	16QAM	1	0	20.1	20.3	20.1	20.1	20.2	0	21.0	20.6	20.8	20.6	20.7	20.8	0	21.5
		1	49	20.3	20.4	20.1	20.3	20.4	0	21.0	20.9	20.8	20.7	20.8	20.9	0	21.5
		1	99	20.3	20.2	20.1	20.3	20.4	0	21.0	20.9	20.8	20.7	20.7	21.0	0	21.5
		50	0	20.2	20.2	19.9	20.1	20.2	0	21.0	20.8	20.7	20.5	20.6	20.7	0	21.5
		50	24	20.3	20.2	19.9	20.1	20.3	0	21.0	20.9	20.8	20.5	20.6	20.8	0	21.5
		50	50	20.2	20.1	19.9	20.1	20.3	0	21.0	20.8	20.7	20.4	20.7	20.8	0	21.5
		100	0	20.2	20.2	19.9	20.1	20.2	0	21.0	20.8	20.7	20.5	20.6	20.8	0	21.5
	64QAM	1	0	20.0	20.1	19.9	20.1	20.1	0	21.0	20.6	20.7	20.5	20.5	20.7	0	21.5
		1	49	20.2	20.2	19.9	20.2	20.2	0	21.0	20.8	20.7	20.4	20.5	20.7	0	21.5
		1	99	20.3	20.1	19.9	20.2	20.3	0	21.0	20.9	20.7	20.5	20.6	20.8	0	21.5
		50	0	20.2	20.2	19.9	20.0	20.2	0	21.0	20.8	20.8	20.5	20.6	20.8	0	21.5
		50	24	20.3	20.2	20.0	20.1	20.3	0	21.0	20.9	20.8	20.5	20.6	20.8	0	21.5
		50	50	20.2	20.1	19.9	20.1	20.3	0	21.0	20.8	20.7	20.4	20.6	20.8	0	21.5
		100	0	20.2	20.2	19.9	20.1	20.2	0	21.0	20.8	20.8	20.5	20.6	20.8	0	21.5
	256QAM	1	0	20.1	20.2	20.0	20.1	20.3	0.3	20.7	20.1	20.2	20.0	20.1	20.3	0.8	20.7
		1	49	20.4	20.2	19.9	20.2	20.3	0.3	20.7	20.4	20.2	20.0	20.1	20.3	0.8	20.7
		1	99	20.3	20.2	20.0	20.2	20.4	0.3	20.7	20.5	20.2	20.1	20.3	20.4	0.8	20.7
		50	0	20.2	20.2	19.9	20.1	20.2	0.3	20.7	20.3	20.2	20.0	20.1	20.3	0.8	20.7
		50	24	20.3	20.2	20.0	20.1	20.3	0.3	20.7	20.3	20.3	20.0	20.2	20.3	0.8	20.7
		50	50	20.3	20.1	19.9	20.1	20.3	0.3	20.7	20.3	20.2	19.9	20.2	20.3	0.8	20.7
		100	0	20.2	20.2	19.9	20.1	20.3	0.3	20.7	20.3	20.2	20.0	20.2	20.3	0.8	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)							Mode B Power (dBm)						
				39750	40185	40620	41055	41490	MPR	Max Power	39750	40185	40620	41055	41490	MPR	Max 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	19.8	19.9	19.8	19.9	19.9	0	21.0	20.7	20.8	20.5	20.6	20.7	0	21.5
		1	37	19.9	19.9	19.9	19.9	20.0	0	21.0	20.8	20.7	20.5	20.6	20.7	0	21.5
		1	74	19.9	19.9	19.9	20.0	20.0	0	21.0	20.8	20.7	20.5	20.6	20.8	0	21.5
		36	0	20.0	19.9	19.9	20.0	20.0	0	21.0	20.8	20.7	20.5	20.6	20.7	0	21.5
		36	20	20.0	19.9	19.9	20.0	20.0	0	21.0	20.9	20.7	20.5	20.6	20.8	0	21.5
		36	39	19.9	19.8	19.8	19.9	20.1	0	21.0	20.8	20.7	20.4	20.6	20.8	0	21.5
		75	0	20.0	19.9	19.9	19.9	20.0	0	21.0	20.8	20.7	20.5	20.6	20.8	0	21.5
	16QAM	1	0	19.9	19.8	19.9	19.9	19.9	0	21.0	20.7	20.6	20.5	20.4	20.5	0	21.5
		1	37	20.0	19.8	19.9	19.9	19.9	0	21.0	20.8	20.6	20.5	20.5	20.6	0	21.5
		1	74	19.9	19.8	19.9	20.0	19.9	0	21.0	20.8	20.6	20.4	20.6	20.7	0	21.5
		36	0	20.0	19.9	19.9	19.9	20.1	0	21.0	20.8	20.7	20.5	20.6	20.7	0	21.5
		36	20	20.0	19.9	19.9	20.0	20.1	0	21.0	20.8	20.7	20.5	20.6	20.8	0	21.5
		36	39	20.0	19.8	19.8	19.9	20.1	0	21.0	20.8	20.6	20.4	20.6	20.8	0	21.5
		75	0	20.0	19.9	19.9	20.0	20.1	0	21.0	20.8	20.7	20.5	20.6	20.8	0	21.5
	64QAM	1	0	19.8	19.7	19.9	20.0	19.9	0	21.0	20.6	20.7	20.4	20.4	20.7	0	21.5
		1	37	20.0	19.8	19.9	19.9	19.9	0	21.0	20.8	20.7	20.4	20.5	20.6	0	21.5
		1	74	19.8	19.8	19.9	19.9	20.0	0	21.0	20.8	20.7	20.4	20.6	20.8	0	21.5
		36	0	20.0	19.9	19.9	20.0	20.0	0	21.0	20.8	20.8	20.5	20.6	20.8	0	21.5
		36	20	20.0	19.9	19.9	20.0	20.1	0	21.0	20.9	20.8	20.4	20.6	20.8	0	21.5
		36	39	19.9	19.8	19.8	19.9	20.1	0	21.0	20.8	20.7	20.4	20.6	20.8	0	21.5
		75	0	20.0	19.9	19.9	20.0	20.1	0	21.0	20.9	20.8	20.5	20.6	20.8	0	21.5
	256QAM	1	0	19.9	19.8	19.8	19.9	19.9	0.3	20.7	20.1	20.2	20.0	20.0	20.2	0.8	20.7
		1	37	20.0	19.8	19.8	19.9	20.0	0.3	20.7	20.2	20.2	20.0	20.2	20.3	0.8	20.7
		1	74	19.8	19.8	19.8	20.0	19.9	0.3	20.7	20.2	20.1	20.0	20.1	20.4	0.8	20.7
		36	0	19.9	19.9	19.9	20.0	20.0	0.3	20.7	20.3	20.2	20.0	20.1	20.3	0.8	20.7
		36	20	20.0	19.9	19.9	20.0	20.1	0.3	20.7	20.3	20.2	20.0	20.1	20.3	0.8	20.7
		36	39	19.9	19.8	19.8	19.9	20.1	0.3	20.7	20.3	20.2	19.9	20.2	20.3	0.8	20.7
		75	0	20.0	19.9	19.9	20.0	20.1	0.3	20.7	20.3	20.2	20.0	20.2	20.3	0.8	20.7

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

BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)							Mode B Power (dBm)						
				39750	40185	40620	41055	41490	MPR	Max Power	39750	40185	40620	41055	41490	MPR	Max 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	20.0	20.0	20.0	20.0	20.1	0	21.0	20.9	20.8	20.6	20.7	20.9	0	21.5
		1	25	20.1	20.1	20.1	20.1	20.2	0	21.0	21.0	20.9	20.7	20.8	20.9	0	21.5
		1	49	20.1	20.0	20.0	20.0	20.1	0	21.0	20.9	20.8	20.6	20.7	20.9	0	21.5
		25	0	20.1	20.1	20.1	20.1	20.2	0	21.0	21.0	20.9	20.7	20.8	20.9	0	21.5
		25	12	20.2	20.1	20.1	20.2	20.2	0	21.0	21.0	20.9	20.7	20.8	21.0	0	21.5
		25	25	20.1	20.0	20.0	20.1	20.2	0	21.0	20.9	20.8	20.7	20.8	20.9	0	21.5
		50	0	20.1	20.1	20.1	20.1	20.2	0	21.0	21.0	20.9	20.6	20.7	20.9	0	21.5
	16QAM	1	0	20.1	19.9	20.0	20.2	20.0	0	21.0	21.0	20.7	20.5	20.6	20.8	0	21.5
		1	25	20.2	19.9	20.1	20.2	20.1	0	21.0	21.0	20.7	20.5	20.6	20.8	0	21.5
		1	49	20.2	19.9	20.0	20.2	20.1	0	21.0	21.1	20.7	20.5	20.7	20.8	0	21.5
		25	0	20.1	20.1	20.1	20.1	20.1	0	21.0	21.0	20.8	20.6	20.7	20.9	0	21.5
		25	12	20.1	20.1	20.1	20.1	20.2	0	21.0	21.0	20.9	20.6	20.7	20.9	0	21.5
		25	25	20.0	20.0	20.0	20.1	20.2	0	21.0	21.0	20.8	20.6	20.8	20.9	0	21.5
		50	0	20.1	20.1	20.0	20.1	20.2	0	21.0	21.0	20.9	20.6	20.8	20.9	0	21.5
	64QAM	1	0	20.0	20.1	20.0	20.1	20.1	0	21.0	20.9	20.8	20.5	20.7	20.9	0	21.5
		1	25	20.2	20.1	20.1	20.1	20.2	0	21.0	21.0	20.8	20.6	20.8	21.0	0	21.5
		1	49	20.1	20.0	20.0	20.0	20.2	0	21.0	21.0	20.8	20.5	20.7	21.0	0	21.5
		25	0	20.1	20.1	20.0	20.1	20.1	0	21.0	20.9	20.9	20.6	20.7	20.9	0	21.5
		25	12	20.1	20.1	20.1	20.2	20.2	0	21.0	21.0	20.9	20.6	20.8	21.0	0	21.5
		25	25	20.1	20.0	20.0	20.2	20.2	0	21.0	20.9	20.8	20.6	20.8	21.0	0	21.5
		50	0	20.1	20.1	20.1	20.1	20.2	0	21.0	21.0	20.9	20.6	20.8	20.9	0	21.5
	256QAM	1	0	20.0	20.0	19.8	20.0	20.1	0.3	20.7	20.3	20.2	20.0	20.1	20.3	0.8	20.7
		1	25	20.2	20.0	19.9	20.0	20.1	0.3	20.7	20.4	20.3	20.0	20.2	20.3	0.8	20.7
		1	49	20.0	19.9	19.8	19.9	20.1	0.3	20.7	20.3	20.1	19.9	20.2	20.3	0.8	20.7
		25	0	20.1	20.0	20.0	20.1	20.1	0.3	20.7	20.4	20.3	20.1	20.3	20.4	0.8	20.7
		25	12	20.2	20.1	20.0	20.1	20.2	0.3	20.7	20.5	20.4	20.1	20.3	20.4	0.8	20.7
		25	25	20.1	20.0	19.9	20.1	20.2	0.3	20.7	20.4	20.3	20.1	20.3	20.5	0.8	20.7
		50	0	20.1	20.0	20.0	20.1	20.2	0.3	20.7	20.5	20.3	20.1	20.3	20.4	0.8	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)							Mode B Power (dBm)						
				39750	40185	40620	41055	41490	MPR	Max Power	39750	40185	40620	41055	41490	MPR	Max 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	20.1	20.0	20.0	20.0	20.1	0	21.0	20.9	20.8	20.6	20.7	20.8	0	21.5
		1	12	20.1	20.1	20.1	20.1	20.2	0	21.0	21.0	20.9	20.7	20.8	20.9	0	21.5
		1	24	20.1	20.0	20.0	20.0	20.1	0	21.0	21.0	20.8	20.6	20.7	20.9	0	21.5
		12	0	20.1	20.1	20.0	20.1	20.2	0	21.0	21.0	20.9	20.6	20.8	20.9	0	21.5
		12	7	20.2	20.1	20.1	20.2	20.2	0	21.0	21.0	20.9	20.7	20.8	20.9	0	21.5
		12	13	20.2	20.0	20.0	20.1	20.2	0	21.0	20.9	20.8	20.6	20.7	20.9	0	21.5
		25	0	20.1	20.1	20.1	20.2	20.2	0	21.0	21.0	20.8	20.6	20.8	20.9	0	21.5
	16QAM	1	0	20.1	20.1	20.0	20.0	20.3	0	21.0	20.9	20.8	20.5	20.6	20.8	0	21.5
		1	12	20.1	20.2	20.1	20.2	20.4	0	21.0	20.9	20.8	20.6	20.7	20.8	0	21.5
		1	24	20.0	20.1	20.0	20.0	20.3	0	21.0	20.9	20.7	20.6	20.7	20.8	0	21.5
		12	0	20.2	20.0	20.1	20.1	20.2	0	21.0	20.8	20.9	20.6	20.6	21.0	0	21.5
		12	7	20.3	20.0	20.2	20.1	20.2	0	21.0	20.9	20.9	20.7	20.7	21.0	0	21.5
		12	13	20.3	20.0	20.1	20.1	20.2	0	21.0	20.8	20.8	20.7	20.6	21.0	0	21.5
		25	0	20.1	20.0	20.1	20.1	20.2	0	21.0	21.0	20.9	20.6	20.8	20.9	0	21.5
	64QAM	1	0	20.0	19.8	19.8	19.9	20.0	0	21.0	20.9	20.9	20.5	20.7	20.8	0	21.5
		1	12	19.9	19.8	19.8	19.9	20.0	0	21.0	21.0	20.9	20.7	20.8	20.9	0	21.5
		1	24	19.9	19.9	19.9	20.0	20.1	0	21.0	21.0	20.8	20.6	20.7	20.9	0	21.5
		12	0	19.8	19.9	19.9	19.9	20.0	0	21.0	21.0	20.8	20.6	20.7	20.9	0	21.5
		12	7	19.9	19.8	19.8	19.9	20.0	0	21.0	21.0	20.9	20.6	20.7	20.9	0	21.5
		12	13	19.9	19.8	19.8	19.9	20.0	0	21.0	20.9	20.8	20.6	20.8	20.9	0	21.5
		25	0	19.9	19.9	19.8	19.9	20.0	0	21.0	20.9	20.8	20.6	20.8	20.9	0	21.5
	256QAM	1	0	19.8	19.8	19.9	19.9	20.0	0.3	20.7	20.3	20.2	20.0	20.1	20.3	0.8	20.7
		1	12	19.9	19.9	19.9	19.9	20.0	0.3	20.7	20.5	20.3	20.1	20.2	20.4	0.8	20.7
		1	24	20.0	20.0	20.0	20.0	20.1	0.3	20.7	20.4	20.2	20.1	20.2	20.4	0.8	20.7
		12	0	19.8	19.9	19.8	19.9	20.0	0.3	20.7	20.4	20.3	20.1	20.2	20.4	0.8	20.7
		12	7	19.9	19.9	19.8	19.9	19.9	0.3	20.7	20.5	20.4	20.1	20.3	20.4	0.8	20.7
		12	13	19.9	19.9	19.8	19.9	20.0	0.3	20.7	20.4	20.3	20.1	20.2	20.4	0.8	20.7
		25	0	19.8	19.9	19.9	19.9	20.0	0.3	20.7	20.5	20.3	20.0	20.2	20.4	0.8	20.7

LTE Band 48 Measured Results (ANT7)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)						Mode B Power (dBm)					
				55340	55773	56207	56640	MPR	Max Power	55340	55773	56207	56640	MPR	Max 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	23.3	23.2	0	24.2	20.5	20.6	20.3	20.6	0	21.2
		1	49	23.2	23.2	23.2	23.2	0	24.2	20.5	20.7	20.4	20.6	0	21.2
		1	99	23.2	23.2	23.2	23.1	0	24.2	20.6	20.5	20.3	20.4	0	21.2
		50	0	23.3	23.3	23.3	23.3	0	24.2	20.5	20.7	20.6	20.6	0	21.2
		50	24	23.3	23.3	23.3	23.3	0	24.2	20.7	20.7	20.7	20.6	0	21.2
		50	50	23.3	23.3	23.3	23.2	0	24.2	20.7	20.7	20.7	20.6	0	21.2
		100	0	23.3	23.3	23.3	23.2	0	24.2	20.7	20.7	20.6	20.6	0	21.2
	16QAM	1	0	23.1	22.9	22.8	23.1	0	24.2	20.6	20.5	20.6	20.4	0	21.2
		1	49	23.0	23.0	23.1	23.4	0	24.2	20.5	20.3	20.6	20.3	0	21.2
		1	99	22.9	22.7	22.9	23.1	0	24.2	20.4	20.3	20.6	20.4	0	21.2
		50	0	22.6	22.8	22.8	22.9	0.2	24.0	20.4	20.1	20.6	20.5	0	21.2
		50	24	22.7	22.9	22.9	22.9	0.2	24.0	20.4	20.6	20.6	20.5	0	21.2
		50	50	22.6	22.8	22.8	22.9	0.2	24.0	20.4	20.6	20.6	20.5	0	21.2
		100	0	22.7	22.9	22.8	22.9	0.2	24.0	20.1	20.6	20.6	20.5	0	21.2
	64QAM	1	0	22.6	22.6	22.7	22.9	0.2	24.0	20.6	20.2	20.3	20.6	0	21.2
		1	49	22.6	22.8	22.9	23.1	0.2	24.0	20.2	20.1	20.6	20.7	0	21.2
		1	99	22.5	22.8	22.9	23.0	0.2	24.0	20.4	20.3	20.4	20.3	0	21.2
		50	0	21.6	21.8	21.8	21.9	1.2	23.0	20.3	20.5	20.6	20.3	0	21.2
		50	24	21.6	21.9	21.8	21.9	1.2	23.0	20.4	20.6	20.7	20.6	0	21.2
		50	50	21.6	21.8	21.8	22.0	1.2	23.0	20.1	20.5	20.6	20.3	0	21.2
		100	0	21.7	21.8	21.8	21.9	1.2	23.0	20.1	20.6	20.6	20.4	0	21.2
	256QAM	1	0	19.7	19.5	19.9	20.0	3.2	21.0	19.3	19.5	19.7	19.3	0.2	21.0
		1	49	19.2	19.0	19.8	20.0	3.2	21.0	19.1	19.7	19.6	19.3	0.2	21.0
		1	99	19.7	20.0	20.0	20.1	3.2	21.0	19.3	19.5	19.4	19.1	0.2	21.0
		50	0	19.7	19.9	19.8	19.9	3.2	21.0	19.3	19.5	19.5	19.5	0.2	21.0
		50	24	19.8	19.8	19.9	19.9	3.2	21.0	19.3	19.4	19.6	19.5	0.2	21.0
		50	50	19.6	19.8	19.5	20.0	3.2	21.0	19.1	19.5	19.6	19.4	0.2	21.0
		100	0	19.7	19.9	19.9	19.9	3.2	21.0	19.4	19.5	19.6	19.5	0.2	21.0

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)						Mode B Power (dBm)					
				55315	55765	56215	56665	MPR	Max Power	55315	55765	56215	56665	MPR	Max 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	23.2	23.2	23.2	0	24.2	20.3	20.3	20.5	20.4	0	21.2
		1	37	23.2	23.1	23.2	23.2	0	24.2	20.5	20.4	20.6	20.4	0	21.2
		1	74	23.2	23.2	23.2	23.2	0	24.2	20.6	20.4	20.5	20.4	0	21.2
		36	0	23.2	23.2	23.3	23.3	0	24.2	20.4	20.5	20.6	20.5	0	21.2
		36	20	23.3	23.2	23.3	23.2	0	24.2	20.5	20.6	20.6	20.5	0	21.2
		36	39	23.3	23.3	23.3	23.2	0	24.2	20.4	20.4	20.5	20.5	0	21.2
		75	0	23.2	23.2	23.3	23.2	0	24.2	20.4	20.5	20.5	20.6	0	21.2
	16QAM	1	0	23.4	23.3	22.8	22.9	0	24.2	20.1	20.5	20.2	20.5	0	21.2
		1	37	23.4	23.8	23.0	23.0	0	24.2	20.3	20.7	20.4	20.5	0	21.2
		1	74	23.5	23.5	23.2	22.9	0	24.2	20.3	20.6	20.4	20.3	0	21.2
		36	0	23.3	23.4	22.8	22.8	0.2	24.0	20.3	20.4	20.4	20.5	0	21.2
		36	20	23.2	23.3	22.9	22.9	0.2	24.0	20.4	20.5	20.6	20.5	0	21.2
		36	39	23.3	23.3	22.9	22.9	0.2	24.0	20.4	20.4	20.6	20.5	0	21.2
		75	0	23.1	23.3	22.9	22.8	0.2	24.0	20.4	20.5	20.5	20.5	0	21.2
	64QAM	1	0	23.2	23.2	22.8	22.9	0.2	24.0	20.1	20.4	20.7	20.4	0	21.2
		1	37	23.6	23.5	23.0	22.9	0.2	24.0	20.3	20.4	20.4	20.4	0	21.2
		1	74	23.1	23.3	22.6	22.9	0.2	24.0	20.5	20.4	20.5	20.5	0	21.2
		36	0	22.3	22.3	21.8	21.9	1.2	23.0	20.4	20.6	20.4	20.6	0	21.2
		36	20	22.2	22.3	21.9	22.0	1.2	23.0	20.5	20.6	20.7	20.5	0	21.2
		36	39	22.2	22.3	21.9	22.0	1.2	23.0	20.3	20.6	20.4	20.6	0	21.2
		75	0	22.2	22.3	21.9	21.9	1.2	23.0	20.5	20.6	20.6	20.5	0	21.2
	256QAM	1	0	20.4	20.5	19.4	19.8	3.2	21.0	19.2	19.3	19.6	19.5	0.2	21.0
		1	37	20.1	20.2	20.0	19.9	3.2	21.0	19.3	19.1	19.7	19.4	0.2	21.0
		1	74	20.3	20.4	19.6	20.1	3.2	21.0	19.2	19.5	19.4	19.3	0.2	21.0
		36	0	20.3	19.6	19.9	19.9	3.2	21.0	19.2	19.5	19.4	19.4	0.2	21.0
		36	20	20.2	19.9	19.9	20.0	3.2	21.0	19.4	19.5	19.4	19.4	0.2	21.0
		36	39	20.2	19.8	19.8	20.0	3.2	21.0	19.3	19.2	19.3	19.4	0.2	21.0
		75	0	20.2	19.7	19.9	19.9	3.2	21.0	19.3	19.4	19.3	19.2	0.2	21.0

LTE Band 48 Measured Results (ANT7) (continued)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)						Mode B Power (dBm)					
				55290	55757	56223	56690	MPR	Max Power	55290	55757	56223	56690	MPR	Max 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	23.3	23.3	23.3	23.3	0	24.2	20.5	20.6	20.7	20.6	0	21.2
		1	25	23.3	23.3	23.3	23.3	0	24.2	20.5	20.6	20.7	20.6	0	21.2
		1	49	23.4	23.3	23.3	23.3	0	24.2	20.5	20.6	20.7	20.6	0	21.2
		25	0	23.4	23.4	23.4	23.4	0	24.2	20.6	20.7	20.8	20.6	0	21.2
		25	12	23.4	23.4	23.4	23.4	0	24.2	20.6	20.7	20.8	20.7	0	21.2
		25	25	23.4	23.4	23.4	23.4	0	24.2	20.6	20.7	20.8	20.6	0	21.2
		50	0	23.4	23.4	23.4	23.4	0	24.2	20.6	20.7	20.8	20.6	0	21.2
	16QAM	1	0	23.6	23.7	23.7	23.2	0	24.2	20.5	20.7	20.7	20.7	0	21.2
		1	25	23.7	23.7	23.7	23.2	0	24.2	20.5	20.7	20.7	20.6	0	21.2
		1	49	23.7	23.8	23.7	23.2	0	24.2	20.5	20.8	20.7	20.6	0	21.2
		25	0	23.5	23.5	23.5	23.0	0.2	24.0	20.6	20.7	20.8	20.7	0	21.2
		25	12	23.5	23.5	23.6	23.0	0.2	24.0	20.6	20.7	20.8	20.7	0	21.2
		25	25	23.5	23.5	23.6	23.0	0.2	24.0	20.6	20.7	20.8	20.6	0	21.2
		50	0	23.5	23.5	23.6	23.0	0.2	24.0	20.6	20.7	20.8	20.7	0	21.2
	64QAM	1	0	23.5	23.4	23.5	23.1	0.2	24.0	20.5	20.6	20.7	20.7	0	21.2
		1	25	23.5	23.5	23.6	23.2	0.2	24.0	20.5	20.6	20.8	20.7	0	21.2
		1	49	23.5	23.5	23.5	23.2	0.2	24.0	20.6	20.6	20.8	20.7	0	21.2
		25	0	22.5	22.6	22.6	22.1	1.2	23.0	20.6	20.7	20.8	20.7	0	21.2
		25	12	22.5	22.5	22.6	22.2	1.2	23.0	20.6	20.7	20.8	20.7	0	21.2
		25	25	22.5	22.5	22.6	22.1	1.2	23.0	20.6	20.7	20.8	20.7	0	21.2
		50	0	22.5	22.5	22.6	22.1	1.2	23.0	20.6	20.7	20.8	20.7	0	21.2
	256QAM	1	0	20.4	20.4	20.5	20.0	3.2	21.0	19.3	19.4	19.6	19.6	0.2	21.0
		1	25	20.5	20.6	20.5	20.0	3.2	21.0	19.4	19.6	19.6	19.6	0.2	21.0
		1	49	20.5	20.4	20.5	20.0	3.2	21.0	19.4	19.5	19.5	19.5	0.2	21.0
		25	0	20.5	20.6	20.6	20.1	3.2	21.0	19.5	19.6	19.7	19.6	0.2	21.0
		25	12	20.5	20.5	20.6	20.1	3.2	21.0	19.5	19.6	19.7	19.6	0.2	21.0
		25	25	20.5	20.5	20.6	20.1	3.2	21.0	19.5	19.6	19.7	19.6	0.2	21.0
		50	0	20.5	20.5	20.6	20.1	3.2	21.0	19.5	19.6	19.7	19.6	0.2	21.0

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)						Mode B Power (dBm)					
				55265	55748	56232	56715	MPR	Max Power	55265	55748	56232	56715	MPR	Max 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	23.2	23.1	23.2	23.2	0	24.2	20.5	20.5	20.6	20.5	0	21.2
		1	12	23.1	23.2	23.2	23.5	0	24.2	20.6	20.7	20.7	20.6	0	21.2
		1	24	23.2	23.2	23.3	23.3	0	24.2	20.5	20.6	20.6	20.5	0	21.2
		12	0	23.2	23.1	23.2	23.4	0	24.2	20.6	20.7	20.7	20.6	0	21.2
		12	7	23.2	23.2	23.3	23.4	0	24.2	20.6	20.7	20.8	20.7	0	21.2
		12	13	23.2	23.2	23.2	23.4	0	24.2	20.6	20.7	20.7	20.6	0	21.2
		25	0	23.3	23.2	23.3	23.3	0	24.2	20.6	20.7	20.7	20.6	0	21.2
	16QAM	1	0	23.7	23.7	23.6	23.2	0	24.2	20.5	20.6	20.7	20.6	0	21.2
		1	12	23.7	23.7	23.7	23.4	0	24.2	20.6	20.7	20.7	20.7	0	21.2
		1	24	23.6	23.7	23.7	23.3	0	24.2	20.6	20.6	20.7	20.6	0	21.2
		12	0	23.6	23.5	23.6	23.2	0.2	24.0	20.5	20.6	20.8	20.7	0	21.2
		12	7	23.6	23.5	23.6	23.2	0.2	24.0	20.6	20.7	20.8	20.8	0	21.2
		12	13	23.5	23.5	23.6	23.2	0.2	24.0	20.6	20.7	20.8	20.7	0	21.2
		25	0	23.4	23.6	23.5	23.1	0.2	24.0	20.6	20.7	20.7	20.7	0	21.2
	64QAM	1	0	23.5	23.5	23.5	23.1	0.2	24.0	20.6	20.6	20.8	20.7	0	21.2
		1	12	23.6	23.6	23.5	23.2	0.2	24.0	20.7	20.8	20.8	20.7	0	21.2
		1	24	23.5	23.5	23.5	23.1	0.2	24.0	20.6	20.7	20.7	20.7	0	21.2
		12	0	22.5	22.6	22.5	22.1	1.2	23.0	20.6	20.6	20.7	20.7	0	21.2
		12	7	22.5	22.6	22.5	22.1	1.2	23.0	20.6	20.7	20.8	20.7	0	21.2
		12	13	22.4	22.6	22.5	22.1	1.2	23.0	20.6	20.7	20.8	20.7	0	21.2
		25	0	22.5	22.6	22.5	22.1	1.2	23.0	20.6	20.7	20.8	20.7	0	21.2
	256QAM	1	0	20.5	20.5	20.6	20.1	3.2	21.0	19.5	19.5	19.7	19.5	0.2	21.0
		1	12	20.6	20.6	20.6	20.2	3.2	21.0	19.5	19.6	19.7	19.6	0.2	21.0
		1	24	20.4	20.5	20.5	20.1	3.2	21.0	19.4	19.6	19.6	19.5	0.2	21.0
		12	0	20.5	20.6	20.6	20.1	3.2	21.0	19.5	19.6	19.7	19.6	0.2	21.0
		12	7	20.6	20.6	20.6	20.2	3.2	21.0	19.5	19.6	19.7	19.6	0.2	21.0
		12	13	20.4	20.6	20.6	20.1	3.2	21.0	19.5	19.6	19.7	19.6	0.2	21.0
		25	0	20.4	20.6	20.5	20.1	3.2	21.0	19.5	19.6	19.6	19.6	0.2	21.0

LTE Band 48 Measured Results (ANT8)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)						Mode B Power (dBm)					
				55340	55773	56207	56640	MPR	Max Power	55340	55773	56207	56640	MPR	Max 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	19.7	19.7	19.8	19.7	0	21.0	18.6	18.7	18.7	18.6	0	19.4
		1	49	19.8	19.9	19.9	19.7	0	21.0	18.7	18.7	18.7	18.5	0	19.4
		1	99	19.8	19.8	19.9	19.6	0	21.0	18.7	18.6	18.7	18.4	0	19.4
		50	0	19.8	19.9	19.8	19.8	0	21.0	18.8	18.8	18.7	18.7	0	19.4
		50	24	19.9	19.9	19.8	19.8	0	21.0	18.8	18.8	18.7	18.7	0	19.4
		50	50	19.9	19.9	19.8	19.7	0	21.0	18.8	18.8	18.7	18.6	0	19.4
		100	0	19.9	19.9	19.8	19.7	0	21.0	18.7	18.7	18.7	18.6	0	19.4
	16QAM	1	0	19.8	19.9	19.8	19.7	0	21.0	18.6	19.0	19.1	19.0	0	19.4
		1	49	20.1	20.0	20.2	19.8	0	21.0	18.8	19.1	19.4	19.1	0	19.4
		1	99	20.0	19.9	19.8	19.6	0	21.0	18.7	19.1	18.9	18.9	0	19.4
		50	0	19.8	19.8	19.8	19.8	0	21.0	18.5	19.0	19.0	18.9	0	19.4
		50	24	19.9	19.9	19.8	19.8	0	21.0	18.6	19.0	19.0	18.9	0	19.4
		50	50	19.9	19.9	19.8	19.7	0	21.0	18.6	19.0	19.0	18.8	0	19.4
		100	0	19.9	19.8	19.8	19.7	0	21.0	18.6	19.0	19.0	18.9	0	19.4
	64QAM	1	0	19.5	19.6	19.4	19.5	0	21.0	18.3	18.8	18.8	18.8	0	19.4
		1	49	19.5	19.7	19.7	19.4	0	21.0	18.4	18.9	18.7	18.8	0	19.4
		1	99	19.5	19.6	19.5	19.4	0	21.0	18.4	19.0	18.7	18.6	0	19.4
		50	0	19.6	19.6	19.5	19.5	0	21.0	18.5	18.9	18.9	18.8	0	19.4
		50	24	19.6	19.6	19.5	19.5	0	21.0	18.5	18.9	18.9	18.8	0	19.4
		50	50	19.6	19.7	19.5	19.5	0	21.0	18.5	18.9	18.9	18.8	0	19.4
		100	0	19.6	19.6	19.5	19.5	0	21.0	18.5	18.9	18.9	18.8	0	19.4
	256QAM	1	0	19.5	19.5	19.3	19.6	0.4	20.6	18.4	18.8	19.0	19.0	0	19.4
		1	49	19.6	19.5	19.4	19.5	0.4	20.6	18.5	18.9	18.9	18.8	0	19.4
		1	99	19.6	19.6	19.5	19.4	0.4	20.6	18.6	19.0	19.0	18.7	0	19.4
		50	0	19.6	19.6	19.5	19.5	0.4	20.6	18.5	18.9	18.9	18.8	0	19.4
		50	24	19.6	19.7	19.5	19.5	0.4	20.6	18.5	19.0	18.9	18.8	0	19.4
		50	50	19.6	19.6	19.5	19.5	0.4	20.6	18.6	18.9	18.9	18.8	0	19.4
		100	0	19.6	19.6	19.5	19.5	0.4	20.6	18.5	18.9	18.9	18.8	0	19.4

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)						Mode B Power (dBm)					
				55315	55765	56215	56665	MPR	Max Power	55315	55765	56215	56665	MPR	Max 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	19.4	19.5	19.6	19.4	0	21.0	18.4	18.4	18.6	18.4	0	19.4
		1	37	19.5	19.5	19.6	19.4	0	21.0	18.5	18.5	18.6	18.4	0	19.4
		1	74	19.5	19.5	19.5	19.4	0	21.0	18.5	18.5	18.5	18.4	0	19.4
		36	0	19.5	19.6	19.6	19.5	0	21.0	18.6	18.6	18.7	18.5	0	19.4
		36	20	19.6	19.6	19.6	19.5	0	21.0	18.6	18.6	18.6	18.5	0	19.4
		36	39	19.6	19.6	19.6	19.5	0	21.0	18.6	18.6	18.6	18.5	0	19.4
		75	0	19.5	19.6	19.6	19.5	0	21.0	18.6	18.6	18.6	18.5	0	19.4
	16QAM	1	0	19.3	19.4	19.6	19.5	0	21.0	18.5	18.4	18.6	18.5	0	19.4
		1	37	19.4	19.5	19.6	19.4	0	21.0	18.6	18.5	18.7	18.5	0	19.4
		1	74	19.4	19.5	19.5	19.3	0	21.0	18.5	18.4	18.5	18.4	0	19.4
		36	0	19.6	19.5	19.6	19.5	0	21.0	18.6	18.6	18.7	18.5	0	19.4
		36	20	19.6	19.6	19.6	19.5	0	21.0	18.6	18.6	18.7	18.5	0	19.4
		36	39	19.6	19.6	19.6	19.4	0	21.0	18.6	18.6	18.7	18.5	0	19.4
		75	0	19.6	19.5	19.6	19.4	0	21.0	18.6	18.6	18.7	18.5	0	19.4
	64QAM	1	0	19.6	19.6	19.5	19.6	0	21.0	18.5	18.5	18.5	18.5	0	19.4
		1	37	19.7	19.7	19.5	19.5	0	21.0	18.5	18.5	18.4	18.5	0	19.4
		1	74	19.6	19.7	19.4	19.4	0	21.0	18.5	18.5	18.5	18.4	0	19.4
		36	0	19.7	19.8	19.6	19.5	0	21.0	18.6	18.5	18.7	18.5	0	19.4
		36	20	19.7	19.8	19.6	19.5	0	21.0	18.6	18.6	18.7	18.6	0	19.4
		36	39	19.7	19.8	19.6	19.5	0	21.0	18.6	18.6	18.6	18.5	0	19.4
		75	0	19.7	19.8	19.7	19.5	0	21.0	18.6	18.5	18.7	18.5	0	19.4
	256QAM	1	0	19.6	19.7	19.6	19.4	0.4	20.6	18.5	18.5	18.6	18.3	0	19.4
		1	37	19.6	19.8	19.6	19.3	0.4	20.6	18.6	18.6	18.7	18.4	0	19.4
		1	74	19.7	19.7	19.5	19.4	0.4	20.6	18.7	18.5	18.6	18.4	0	19.4
		36	0	19.7	19.7	19.7	19.5	0.4	20.6	18.6	18.5	18.7	18.6	0	19.4
		36	20	19.7	19.7	19.7	19.5	0.4	20.6	18.6	18.6	18.6	18.5	0	19.4
		36	39	19.7	19.7	19.6	19.5	0.4	20.6	18.6	18.5	18.7	18.5	0	19.4
		75	0	19.7	19.7	19.7	19.5	0.4	20.6	18.6	18.6	18.7	18.5	0	19.4

LTE Band 48 Measured Results (ANT8) (continued)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)						Mode B Power (dBm)					
				55290	55757	56223	56690	MPR	Max Power	55290	55757	56223	56690	MPR	Max 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	19.9	19.9	19.7	19.8	0	21.0	18.6	18.6	18.7	18.6	0	19.4
		1	25	19.9	20.0	19.7	19.8	0	21.0	18.7	18.7	18.8	18.7	0	19.4
		1	49	19.9	19.9	19.7	19.8	0	21.0	18.6	18.7	18.7	18.5	0	19.4
		25	0	19.9	19.9	19.7	19.9	0	21.0	18.7	18.7	18.8	18.6	0	19.4
		25	12	19.9	20.0	19.7	19.9	0	21.0	18.7	18.7	18.8	18.6	0	19.4
		25	25	19.9	20.0	19.8	19.8	0	21.0	18.7	18.7	18.8	18.6	0	19.4
		50	0	19.9	19.9	19.7	19.8	0	21.0	18.7	18.7	18.7	18.6	0	19.4
	16QAM	1	0	19.9	19.8	19.8	19.9	0	21.0	18.8	18.5	18.8	18.7	0	19.4
		1	25	20.0	19.9	19.8	19.9	0	21.0	18.8	18.7	18.7	18.7	0	19.4
		1	49	20.0	20.0	19.8	19.8	0	21.0	18.8	18.6	18.7	18.6	0	19.4
		25	0	19.9	19.9	19.7	19.9	0	21.0	18.7	18.7	18.7	18.6	0	19.4
		25	12	19.9	20.0	19.7	19.9	0	21.0	18.7	18.8	18.8	18.6	0	19.4
		25	25	19.9	19.9	19.7	19.9	0	21.0	18.7	18.7	18.7	18.6	0	19.4
		50	0	19.9	20.0	19.7	19.8	0	21.0	18.7	18.7	18.8	18.6	0	19.4
	64QAM	1	0	19.3	19.4	19.3	19.4	0	21.0	18.6	18.7	18.7	18.6	0	19.4
		1	25	19.4	19.5	19.3	19.4	0	21.0	18.7	18.7	18.7	18.8	0	19.4
		1	49	19.3	19.4	19.2	19.3	0	21.0	18.7	18.7	18.6	18.8	0	19.4
		25	0	19.4	19.5	19.3	19.3	0	21.0	18.7	18.7	18.7	18.6	0	19.4
		25	12	19.4	19.5	19.4	19.4	0	21.0	18.7	18.8	18.8	18.7	0	19.4
		25	25	19.4	19.5	19.3	19.3	0	21.0	18.7	18.7	18.8	18.6	0	19.4
		50	0	19.4	19.5	19.3	19.4	0	21.0	18.7	18.6	18.8	18.6	0	19.4
	256QAM	1	0	19.3	19.4	19.2	19.2	0.4	20.6	18.7	18.6	18.6	18.4	0	19.4
		1	25	19.4	19.4	19.3	19.3	0.4	20.6	18.8	18.7	18.8	18.4	0	19.4
		1	49	19.3	19.4	19.1	19.2	0.4	20.6	18.7	18.6	18.7	18.4	0	19.4
		25	0	19.4	19.5	19.4	19.4	0.4	20.6	18.8	18.7	18.8	18.7	0	19.4
		25	12	19.5	19.5	19.3	19.4	0.4	20.6	18.8	18.8	18.8	18.7	0	19.4
		25	25	19.5	19.5	19.3	19.3	0.4	20.6	18.8	18.7	18.8	18.6	0	19.4
		50	0	19.5	19.5	19.4	19.3	0.4	20.6	18.8	18.7	18.8	18.6	0	19.4

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)						Mode B Power (dBm)					
				55265	55748	56232	56715	MPR	Max Power	55265	55748	56232	56715	MPR	Max 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	19.9	19.8	19.6	19.8	0	21.0	18.6	18.6	18.5	18.5	0	19.4
		1	12	20.0	19.9	19.7	19.9	0	21.0	18.8	18.7	18.6	18.6	0	19.4
		1	24	19.9	19.9	19.7	19.8	0	21.0	18.7	18.7	18.5	18.6	0	19.4
		12	0	19.9	19.9	19.7	19.8	0	21.0	18.7	18.7	18.6	18.6	0	19.4
		12	7	20.0	19.9	19.8	19.9	0	21.0	18.7	18.7	18.6	18.6	0	19.4
		12	13	20.0	19.9	19.7	19.8	0	21.0	18.7	18.7	18.6	18.6	0	19.4
		25	0	19.9	19.9	19.7	19.8	0	21.0	18.7	18.7	18.6	18.6	0	19.4
	16QAM	1	0	19.9	20.0	19.7	19.8	0	21.0	18.6	18.8	18.5	18.6	0	19.4
		1	12	20.0	20.0	19.8	19.9	0	21.0	18.7	18.8	18.7	18.7	0	19.4
		1	24	19.9	20.0	19.6	19.8	0	21.0	18.7	18.7	18.5	18.6	0	19.4
		12	0	19.9	19.9	19.7	19.9	0	21.0	18.7	18.7	18.5	18.5	0	19.4
		12	7	19.9	19.9	19.7	19.9	0	21.0	18.7	18.7	18.6	18.5	0	19.4
		12	13	19.9	19.9	19.7	19.9	0	21.0	18.7	18.7	18.6	18.5	0	19.4
		25	0	20.0	19.9	19.7	19.8	0	21.0	18.7	18.7	18.6	18.6	0	19.4
	64QAM	1	0	19.6	19.5	19.3	19.3	0	21.0	18.8	18.7	18.5	18.6	0	19.4
		1	12	19.7	19.5	19.3	19.4	0	21.0	18.8	18.8	18.6	18.6	0	19.4
		1	24	19.6	19.5	19.2	19.3	0	21.0	18.7	18.6	18.6	18.6	0	19.4
		12	0	19.6	19.4	19.3	19.3	0	21.0	18.8	18.7	18.7	18.6	0	19.4
		12	7	19.3	19.5	19.4	19.3	0	21.0	18.8	18.7	18.7	18.6	0	19.4
		12	13	19.3	19.4	19.3	19.3	0	21.0	18.7	18.7	18.7	18.6	0	19.4
		25	0	19.2	19.5	19.3	19.3	0	21.0	18.8	18.7	18.7	18.6	0	19.4
	256QAM	1	0	19.3	19.4	19.3	19.2	0.4	20.6	18.7	18.6	18.6	18.6	0	19.4
		1	12	19.4	19.5	19.3	19.3	0.4	20.6	18.7	18.7	18.7	18.7	0	19.4
		1	24	19.4	19.4	19.3	19.3	0.4	20.6	18.7	18.6	18.7	18.6	0	19.4
		12	0	19.3	19.4	19.3	19.3	0.4	20.6	18.7	18.7	18.7	18.6	0	19.4
		12	7	19.3	19.4	19.3	19.4	0.4	20.6	18.8	18.7	18.8	18.6	0	19.4
		12	13	19.3	19.4	19.3	19.4	0.4	20.6	18.8	18.8	18.7	18.6	0	19.4
		25	0	19.4	19.4	19.3	19.4	0.4	20.6	18.7	18.7	18.7	18.6	0	19.4

LTE Band 48 Measured Results (ANT9)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)						Mode B Power (dBm)					
				55340	55773	56207	56640	MPR	Max Power	55340	55773	56207	56640	MPR	Max 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	20.5	20.4	20.4	20.5	0	21.7	16.7	16.6	16.6	16.6	0	17.9
		1	49	20.4	20.4	20.4	20.4	0	21.7	16.6	16.6	16.6	16.6	0	17.9
		1	99	20.4	20.4	20.4	20.4	0	21.7	16.6	16.6	16.6	16.5	0	17.9
		50	0	20.6	20.4	20.4	20.5	0	21.7	16.7	16.6	16.6	16.6	0	17.9
		50	24	20.6	20.4	20.5	20.5	0	21.7	16.7	16.7	16.7	16.7	0	17.9
		50	50	20.4	20.3	20.5	20.5	0	21.7	16.7	16.6	16.7	16.7	0	17.9
		100	0	20.4	20.4	20.5	20.5	0	21.7	16.7	16.7	16.7	16.7	0	17.9
	16QAM	1	0	20.6	20.6	20.8	20.7	0	21.7	16.9	17.0	17.0	17.1	0	17.9
		1	49	20.5	20.6	20.9	20.7	0	21.7	16.9	17.0	17.2	17.1	0	17.9
		1	99	20.8	20.4	20.7	20.5	0	21.7	16.9	17.0	17.1	17.1	0	17.9
		50	0	20.3	20.7	20.6	20.3	0	21.7	16.9	17.0	16.9	17.0	0	17.9
		50	24	20.6	20.7	20.5	20.8	0	21.7	17.0	17.0	17.1	17.1	0	17.9
		50	50	20.2	20.6	20.7	20.8	0	21.7	16.9	16.9	17.1	17.1	0	17.9
		100	0	20.2	20.7	20.7	20.8	0	21.7	16.8	17.0	17.0	17.1	0	17.9
	64QAM	1	0	20.7	20.5	20.8	20.5	0	21.7	16.9	17.0	16.9	16.9	0	17.9
		1	49	20.6	20.8	20.5	20.1	0	21.7	16.9	17.0	17.0	17.1	0	17.9
		1	99	20.4	20.7	20.4	20.3	0	21.7	16.8	16.9	16.9	17.0	0	17.9
		50	0	20.1	20.4	20.6	20.4	0	21.7	16.9	17.0	16.9	17.0	0	17.9
		50	24	20.4	20.7	20.7	20.5	0	21.7	16.9	17.0	17.0	17.1	0	17.9
		50	50	20.3	20.6	20.2	20.4	0	21.7	16.9	16.9	17.0	17.1	0	17.9
		100	0	20.5	20.7	20.6	20.4	0	21.7	16.9	17.0	17.0	17.1	0	17.9
	256QAM	1	0	20.2	19.6	20.0	19.7	0.7	21.0	17.0	17.1	17.0	17.1	0	17.9
		1	49	19.8	20.3	20.0	19.3	0.7	21.0	16.9	17.1	17.1	17.1	0	17.9
		1	99	19.7	20.0	19.9	19.6	0.7	21.0	17.0	17.1	17.1	17.2	0	17.9
		50	0	19.7	19.7	20.0	19.7	0.7	21.0	17.0	17.0	16.9	17.1	0	17.9
		50	24	19.7	19.5	20.0	19.8	0.7	21.0	17.0	17.0	17.1	17.1	0	17.9
		50	50	19.8	19.8	20.0	19.8	0.7	21.0	16.9	17.0	17.1	17.1	0	17.9
		100	0	19.5	20.0	20.1	19.8	0.7	21.0	16.9	17.0	17.0	17.1	0	17.9
BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)						Mode B Power (dBm)					
				55315	55765	56215	56665	MPR	Max Power	55315	55765	56215	56665	MPR	Max 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	20.5	20.5	20.8	20.7	0	21.7	16.8	16.9	16.9	17.0	0	17.9
		1	37	20.4	20.7	20.7	20.6	0	21.7	16.9	16.9	17.0	17.1	0	17.9
		1	74	20.4	20.6	20.6	20.6	0	21.7	16.9	16.9	16.9	17.0	0	17.9
		36	0	20.6	20.7	20.6	20.6	0	21.7	16.9	17.0	17.0	17.0	0	17.9
		36	20	20.6	20.6	20.5	20.7	0	21.7	16.9	17.0	17.0	17.0	0	17.9
		36	39	20.6	20.8	20.7	20.8	0	21.7	16.9	17.0	17.0	17.1	0	17.9
		75	0	20.6	20.6	20.6	20.6	0	21.7	16.9	17.0	16.9	17.0	0	17.9
	16QAM	1	0	20.4	20.4	20.5	20.4	0	21.7	16.8	16.8	16.9	16.9	0	17.9
		1	37	20.1	20.7	20.6	20.9	0	21.7	16.8	16.9	16.9	17.0	0	17.9
		1	74	20.8	20.7	20.6	20.8	0	21.7	16.9	16.9	16.8	16.9	0	17.9
		36	0	20.6	20.5	20.6	20.7	0	21.7	16.9	17.0	17.0	17.0	0	17.9
		36	20	20.7	20.7	20.7	20.6	0	21.7	16.9	17.0	17.0	17.0	0	17.9
		36	39	20.6	20.6	20.6	20.8	0	21.7	17.0	17.0	17.0	17.1	0	17.9
		75	0	20.6	20.7	20.5	20.8	0	21.7	16.9	17.0	16.9	17.0	0	17.9
	64QAM	1	0	20.5	20.6	20.2	20.8	0	21.7	16.8	16.9	16.9	17.0	0	17.9
		1	37	20.4	20.3	20.5	20.5	0	21.7	16.8	17.0	17.0	17.0	0	17.9
		1	74	20.4	20.7	20.3	20.6	0	21.7	16.9	16.8	16.9	17.0	0	17.9
		36	0	20.5	20.6	20.6	20.7	0	21.7	16.9	17.0	16.9	17.0	0	17.9
		36	20	20.5	20.7	20.2	20.7	0	21.7	16.9	17.0	17.0	17.0	0	17.9
		36	39	20.5	20.7	20.7	20.8	0	21.7	16.9	17.0	17.0	17.1	0	17.9
		75	0	20.6	20.7	20.6	20.7	0	21.7	16.9	17.0	17.0	17.0	0	17.9
	256QAM	1	0	19.5	20.1	20.0	20.2	0.7	21.0	16.9	17.0	17.0	16.9	0	17.9
		1	37	19.9	20.2	19.7	20.3	0.7	21.0	16.9	17.0	17.0	17.0	0	17.9
		1	74	20.1	20.2	19.8	20.3	0.7	21.0	17.0	17.1	17.1	17.1	0	17.9
		36	0	19.9	20.0	19.9	19.9	0.7	21.0	16.9	17.0	17.0	17.0	0	17.9
		36	20	20.0	19.9	19.8	20.0	0.7	21.0	16.9	17.0	17.0	17.1	0	17.9
		36	39	19.9	19.9	19.8	20.0	0.7	21.0	16.9	17.0	17.0	17.1	0	17.9
		75	0	19.9	20.0	19.9	20.0	0.7	21.0	16.9	17.0	17.0	17.0	0	17.9

LTE Band 48 Measured Results (ANT9) (continued)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)						Mode B Power (dBm)					
				55290	55757	56223	56690	MPR	Max Power	55290	55757	56223	56690	MPR	Max 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	20.7	20.8	20.8	20.8	0	21.7	16.9	17.0	17.1	17.1	0	17.9
		1	25	20.7	20.8	20.8	20.9	0	21.7	17.0	17.1	17.1	17.2	0	17.9
		1	49	20.7	20.7	20.8	20.9	0	21.7	16.9	17.0	17.1	17.2	0	17.9
		25	0	20.8	20.8	20.8	20.9	0	21.7	17.0	17.1	17.0	17.1	0	17.9
		25	12	20.7	20.8	20.8	20.9	0	21.7	17.0	17.0	17.1	17.2	0	17.9
		25	25	20.7	20.8	20.9	21.0	0	21.7	16.9	17.0	17.2	17.2	0	17.9
		50	0	20.7	20.8	20.8	20.9	0	21.7	16.9	17.0	17.1	17.1	0	17.9
	16QAM	1	0	20.8	20.9	20.8	20.8	0	21.7	17.0	17.0	17.0	17.1	0	17.9
		1	25	20.8	20.9	20.8	20.9	0	21.7	17.1	17.0	17.1	17.1	0	17.9
		1	49	20.8	20.9	20.8	20.9	0	21.7	17.0	16.9	17.0	17.1	0	17.9
		25	0	20.8	20.8	20.8	20.9	0	21.7	17.0	17.1	17.0	17.2	0	17.9
		25	12	20.7	20.8	20.8	20.9	0	21.7	17.0	17.0	17.1	17.2	0	17.9
		25	25	20.7	20.8	20.9	21.0	0	21.7	17.0	17.0	17.1	17.2	0	17.9
		50	0	20.7	20.8	20.8	20.9	0	21.7	16.9	17.0	17.0	17.2	0	17.9
	64QAM	1	0	20.8	20.8	20.8	21.0	0	21.7	17.0	17.1	17.1	17.1	0	17.9
		1	25	20.8	20.8	20.9	21.0	0	21.7	17.0	17.1	17.1	17.1	0	17.9
		1	49	20.7	20.7	20.9	21.0	0	21.7	17.0	17.1	17.1	17.2	0	17.9
		25	0	20.8	20.9	20.8	20.9	0	21.7	17.0	17.1	17.1	17.1	0	17.9
		25	12	20.7	20.8	20.8	20.9	0	21.7	17.0	17.1	17.1	17.2	0	17.9
		25	25	20.7	20.8	20.9	21.0	0	21.7	17.0	17.1	17.1	17.2	0	17.9
		50	0	20.7	20.8	20.8	20.9	0	21.7	17.0	17.1	17.1	17.1	0	17.9
	256QAM	1	0	20.0	20.0	20.1	20.1	0.7	21.0	16.9	17.1	17.0	17.1	0	17.9
		1	25	20.0	20.1	20.2	20.2	0.7	21.0	17.0	17.1	17.1	17.2	0	17.9
		1	49	19.9	20.0	20.2	20.1	0.7	21.0	16.9	17.0	17.1	17.2	0	17.9
		25	0	20.1	20.2	20.1	20.2	0.7	21.0	17.0	17.1	17.1	17.2	0	17.9
		25	12	20.0	20.1	20.2	20.2	0.7	21.0	17.0	17.1	17.1	17.2	0	17.9
		25	25	20.0	20.1	20.2	20.3	0.7	21.0	17.0	17.1	17.2	17.3	0	17.9
		50	0	20.0	20.1	20.1	20.2	0.7	21.0	17.0	17.1	17.1	17.2	0	17.9

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)						Mode B Power (dBm)					
				55265	55748	56232	56715	MPR	Max Power	55265	55748	56232	56715	MPR	Max 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	20.7	20.7	20.8	20.8	0	21.7	16.9	17.0	17.0	17.1	0	17.9
		1	12	20.8	20.8	20.9	20.9	0	21.7	17.0	17.1	17.1	17.2	0	17.9
		1	24	20.6	20.7	20.8	20.8	0	21.7	16.9	17.0	17.0	17.1	0	17.9
		12	0	20.7	20.8	20.9	21.0	0	21.7	17.0	17.1	17.1	17.2	0	17.9
		12	7	20.8	20.9	20.9	21.0	0	21.7	17.1	17.1	17.2	17.3	0	17.9
		12	13	20.8	20.8	20.9	20.9	0	21.7	17.0	17.0	17.1	17.2	0	17.9
		25	0	20.7	20.7	20.9	21.0	0	21.7	17.0	17.0	17.1	17.2	0	17.9
	16QAM	1	0	20.7	20.8	20.8	20.9	0	21.7	17.0	17.0	17.1	17.2	0	17.9
		1	12	20.7	20.9	20.9	21.1	0	21.7	17.0	17.1	17.2	17.3	0	17.9
		1	24	20.7	20.7	20.8	20.9	0	21.7	17.0	17.0	17.1	17.2	0	17.9
		12	0	20.8	20.9	21.0	21.1	0	21.7	17.0	17.2	17.1	17.3	0	17.9
		12	7	20.8	20.9	21.0	21.1	0	21.7	17.1	17.2	17.2	17.3	0	17.9
		12	13	20.8	20.8	20.9	21.1	0	21.7	17.1	17.1	17.1	17.3	0	17.9
		25	0	20.8	20.7	20.9	20.9	0	21.7	17.1	17.0	17.1	17.2	0	17.9
	64QAM	1	0	20.7	20.8	20.8	20.9	0	21.7	17.0	17.1	17.1	17.2	0	17.9
		1	12	20.8	20.9	20.8	20.9	0	21.7	17.0	17.2	17.1	17.2	0	17.9
		1	24	20.7	20.8	20.8	20.9	0	21.7	17.0	17.0	17.1	17.2	0	17.9
		12	0	20.8	20.8	20.8	21.0	0	21.7	17.0	17.1	17.1	17.2	0	17.9
		12	7	20.8	20.9	20.9	20.9	0	21.7	17.0	17.1	17.2	17.2	0	17.9
		12	13	20.8	20.7	20.9	21.0	0	21.7	17.0	17.0	17.1	17.2	0	17.9
		25	0	20.8	20.8	20.9	21.0	0	21.7	17.0	17.0	17.2	17.2	0	17.9
	256QAM	1	0	20.1	20.1	20.2	20.3	0.7	21.0	17.0	17.1	17.1	17.2	0	17.9
		1	12	20.1	20.2	20.2	20.3	0.7	21.0	17.1	17.1	17.2	17.3	0	17.9
		1	24	20.0	20.0	20.2	20.3	0.7	21.0	17.0	17.0	17.1	17.2	0	17.9
		12	0	20.0	20.1	20.2	20.2	0.7	21.0	17.0	17.1	17.2	17.2	0	17.9
		12	7	20.1	20.2	20.2	20.3	0.7	21.0	17.1	17.2	17.2	17.2	0	17.9
		12	13	20.1	20.1	20.2	20.3	0.7	21.0	17.1	17.0	17.2	17.2	0	17.9
		25	0	20.0	20.0	20.2	20.3	0.7	21.0	17.1	17.1	17.2	17.2	0	17.9

LTE Band 48 Measured Results (ANT4)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)						Mode B Power (dBm)					
				55340	55773	56207	56640	MPR	Max Power	55340	55773	56207	56640	MPR	Max 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	23.5	23.4	23.3	23.2	0	23.5	21.1	20.9	20.9	20.8	0	22.0
		1	49	23.5	23.5	23.3	23.2	0	23.5	21.0	20.9	20.9	20.7	0	22.0
		1	99	23.4	23.5	23.3	23.1	0	23.5	20.9	20.9	20.9	20.7	0	22.0
		50	0	22.8	22.8	22.7	22.6	0	23.5	21.1	21.0	20.9	20.8	0	22.0
		50	24	22.9	22.8	22.7	22.6	0	23.5	21.1	21.0	21.0	20.8	0	22.0
		50	50	22.8	22.7	22.6	22.5	0	23.5	21.0	20.9	20.8	20.7	0	22.0
		100	0	22.7	22.8	22.7	22.5	0	23.5	21.0	21.0	20.9	20.8	0	22.0
	16QAM	1	0	22.8	22.8	22.7	22.5	0	23.5	20.9	21.1	21.3	20.9	0	22.0
		1	49	22.8	23.2	22.7	22.5	0	23.5	21.2	21.2	21.0	20.9	0	22.0
		1	99	22.7	22.7	22.4	22.5	0	23.5	21.0	21.1	20.9	20.9	0	22.0
		50	0	21.7	21.8	21.8	21.3	0.8	22.7	20.8	21.1	21.0	20.7	0	22.0
		50	24	21.7	21.8	21.8	21.5	0.8	22.7	21.0	21.1	21.1	20.9	0	22.0
		50	50	21.6	21.8	21.6	21.5	0.8	22.7	21.0	20.8	20.9	20.7	0	22.0
		100	0	21.6	21.7	21.7	21.5	0.8	22.7	20.7	21.2	21.0	20.8	0	22.0
	64QAM	1	0	21.5	21.7	21.7	21.5	0.8	22.7	21.0	21.1	20.9	20.7	0	22.0
		1	49	21.3	21.7	21.5	21.5	0.8	22.7	20.8	21.3	21.3	20.6	0	22.0
		1	99	21.7	21.9	21.5	21.4	0.8	22.7	20.6	21.0	21.1	20.6	0	22.0
		50	0	20.6	20.7	20.7	20.4	1.8	21.7	20.5	20.7	20.7	20.0	0.3	21.7
		50	24	20.6	20.8	20.7	20.5	1.8	21.7	20.8	20.9	20.8	20.2	0.3	21.7
		50	50	20.5	20.8	20.6	20.3	1.8	21.7	20.4	20.8	20.2	20.2	0.3	21.7
		100	0	20.6	20.8	20.8	20.6	1.8	21.7	20.6	20.9	20.3	20.3	0.3	21.7
	256QAM	1	0	18.7	18.4	18.3	18.5	3.8	19.7	18.6	18.9	18.7	18.5	2.3	19.7
		1	49	18.7	18.7	18.9	18.6	3.8	19.7	18.7	18.7	18.6	18.2	2.3	19.7
		1	99	18.8	18.7	18.5	18.7	3.8	19.7	18.6	18.8	18.6	18.4	2.3	19.7
		50	0	18.6	18.7	18.6	18.4	3.8	19.7	18.6	18.8	18.2	18.3	2.3	19.7
		50	24	18.6	18.8	18.7	18.5	3.8	19.7	18.6	18.8	17.8	18.3	2.3	19.7
		50	50	18.6	18.8	18.6	18.4	3.8	19.7	18.6	18.8	18.5	18.0	2.3	19.7
		100	0	18.6	18.8	18.8	18.5	3.8	19.7	18.5	17.9	18.1	18.0	2.3	19.7

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)						Mode B Power (dBm)					
				55315	55765	56215	56665	MPR	Max Power	55315	55765	56215	56665	MPR	Max 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	23.4	23.3	23.4	23.1	0	23.5	20.8	21.0	20.9	20.7	0	22.0
		1	37	23.4	23.5	23.4	23.1	0	23.5	20.7	21.0	20.9	20.7	0	22.0
		1	74	23.3	23.5	23.3	23.0	0	23.5	21.0	21.0	20.9	20.7	0	22.0
		36	0	22.7	22.8	22.7	22.5	0	23.5	21.0	21.1	20.9	20.8	0	22.0
		36	20	22.8	22.8	22.7	22.5	0	23.5	20.9	21.0	20.9	20.8	0	22.0
		36	39	22.6	22.8	22.8	22.5	0	23.5	21.0	21.1	20.8	20.5	0	22.0
		75	0	22.7	22.8	22.8	22.5	0	23.5	20.9	21.1	21.0	20.7	0	22.0
	16QAM	1	0	22.7	22.7	22.8	22.3	0	23.5	20.9	21.1	20.8	20.8	0	22.0
		1	37	22.9	22.6	22.5	22.5	0	23.5	20.9	21.4	20.9	20.7	0	22.0
		1	74	22.6	22.6	22.6	22.3	0	23.5	20.7	20.9	20.9	20.8	0	22.0
		36	0	21.8	21.8	21.7	21.5	0.8	22.7	20.5	21.1	21.0	20.8	0	22.0
		36	20	21.7	21.8	21.7	21.6	0.8	22.7	20.9	21.2	21.0	20.8	0	22.0
		36	39	21.6	21.9	21.7	21.5	0.8	22.7	21.0	21.3	21.1	20.6	0	22.0
		75	0	21.6	21.8	21.7	21.6	0.8	22.7	21.0	21.1	21.0	20.7	0	22.0
	64QAM	1	0	21.5	21.5	21.9	21.4	0.8	22.7	20.8	20.7	20.8	20.7	0	22.0
		1	37	21.8	21.4	21.6	21.4	0.8	22.7	20.6	21.0	21.0	20.9	0	22.0
		1	74	21.7	21.9	21.4	21.4	0.8	22.7	20.7	21.0	20.9	20.5	0	22.0
		36	0	20.7	20.8	20.7	20.5	1.8	21.7	20.7	20.7	20.6	20.4	0.3	21.7
		36	20	20.7	20.8	20.9	20.3	1.8	21.7	20.7	20.8	20.7	20.5	0.3	21.7
		36	39	20.6	20.8	20.8	20.4	1.8	21.7	20.8	20.8	20.6	20.5	0.3	21.7
		75	0	20.7	20.9	20.8	20.5	1.8	21.7	20.7	20.8	20.6	20.5	0.3	21.7
	256QAM	1	0	18.7	18.9	18.6	18.6	3.8	19.7	18.5	18.7	18.7	18.1	2.3	19.7
		1	37	18.8	19.0	18.7	18.3	3.8	19.7	18.7	18.7	18.5	18.4	2.3	19.7
		1	74	18.7	18.9	18.7	18.5	3.8	19.7	18.4	18.7	18.6	18.7	2.3	19.7
		36	0	18.6	18.7	18.8	18.4	3.8	19.7	18.6	18.8	18.7	18.3	2.3	19.7
		36	20	18.7	18.7	18.8	18.5	3.8	19.7	18.7	18.8	18.7	18.6	2.3	19.7
		36	39	18.6	18.8	18.7	18.4	3.8	19.7	18.8	18.7	18.4	18.2	2.3	19.7
		75	0	18.7	18.7	18.7	18.5	3.8	19.7	18.6	18.6	18.6	18.5	2.3	19.7

LTE Band 48 Measured Results (ANT4) (continued)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)						Mode B Power (dBm)					
				55290	55757	56223	56690	MPR	Max Power	55290	55757	56223	56690	MPR	Max 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	23.5	23.5	23.5	23.3	0	23.5	21.1	21.2	21.2	20.9	0	22.0
		1	25	23.4	23.5	23.5	23.4	0	23.5	21.1	21.2	21.2	20.9	0	22.0
		1	49	23.5	23.5	23.5	23.3	0	23.5	21.1	21.2	21.1	21.0	0	22.0
		25	0	22.9	23.0	22.9	22.7	0	23.5	21.2	21.3	21.2	21.0	0	22.0
		25	12	22.9	23.0	23.0	22.7	0	23.5	21.1	21.2	21.2	21.0	0	22.0
		25	25	22.8	23.0	22.9	22.7	0	23.5	21.1	21.2	21.2	21.0	0	22.0
		50	0	22.8	22.9	22.9	22.7	0	23.5	21.1	21.2	21.2	21.0	0	22.0
	16QAM	1	0	23.0	22.9	23.0	22.7	0	23.5	21.2	21.2	21.1	20.9	0	22.0
		1	25	22.9	23.0	23.0	22.6	0	23.5	21.3	21.2	21.0	20.8	0	22.0
		1	49	22.9	22.9	22.9	22.6	0	23.5	21.2	21.2	21.0	21.0	0	22.0
		25	0	21.9	22.0	22.0	21.7	0.8	22.7	21.2	21.3	21.2	21.0	0	22.0
		25	12	21.8	21.9	22.0	21.7	0.8	22.7	21.1	21.2	21.2	21.0	0	22.0
		25	25	21.8	21.9	21.9	21.7	0.8	22.7	21.2	21.2	21.2	21.0	0	22.0
		50	0	21.8	21.9	21.9	21.7	0.8	22.7	21.1	21.2	21.2	21.0	0	22.0
	64QAM	1	0	21.8	21.9	21.9	21.7	0.8	22.7	21.1	21.3	21.1	20.9	0	22.0
		1	25	21.8	21.9	21.9	21.7	0.8	22.7	21.2	21.3	21.2	20.9	0	22.0
		1	49	21.7	21.9	21.9	21.7	0.8	22.7	21.1	21.3	21.1	21.0	0	22.0
		25	0	20.9	21.0	20.9	20.7	1.8	21.7	20.9	21.0	20.9	20.7	0.3	21.7
		25	12	20.8	20.9	21.0	20.7	1.8	21.7	20.8	21.0	20.9	20.7	0.3	21.7
		25	25	20.8	20.9	20.9	20.7	1.8	21.7	20.8	20.9	20.9	20.7	0.3	21.7
		50	0	20.8	20.9	20.9	20.7	1.8	21.7	20.8	20.9	20.9	20.7	0.3	21.7
	256QAM	1	0	18.8	18.9	18.9	18.6	3.8	19.7	18.8	18.8	18.8	18.6	2.3	19.7
		1	25	18.8	19.0	19.0	18.6	3.8	19.7	18.8	19.0	18.9	18.6	2.3	19.7
		1	49	18.7	18.9	18.9	18.6	3.8	19.7	18.7	18.8	18.7	18.6	2.3	19.7
		25	0	18.9	19.0	18.9	18.7	3.8	19.7	18.9	19.0	18.9	18.7	2.3	19.7
		25	12	18.8	18.9	19.0	18.7	3.8	19.7	18.8	18.9	18.9	18.7	2.3	19.7
		25	25	18.8	18.9	18.9	18.7	3.8	19.7	18.8	18.9	18.9	18.7	2.3	19.7
		50	0	18.8	18.9	18.9	18.7	3.8	19.7	18.8	18.9	18.9	18.7	2.3	19.7

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)						Mode B Power (dBm)					
				55265	55748	56232	56715	MPR	Max Power	55265	55748	56232	56715	MPR	Max 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	23.5	23.4	23.5	23.3	0	23.5	21.1	21.2	21.1	20.8	0	22.0
		1	12	23.5	23.5	23.5	23.4	0	23.5	21.1	21.3	21.2	20.9	0	22.0
		1	24	23.5	23.4	23.5	23.3	0	23.5	21.1	21.2	21.1	20.9	0	22.0
		12	0	22.9	23.0	22.9	22.7	0	23.5	21.2	21.3	21.2	20.9	0	22.0
		12	7	22.9	23.0	22.9	22.7	0	23.5	21.2	21.3	21.2	21.0	0	22.0
		12	13	22.9	22.9	22.9	22.7	0	23.5	21.1	21.2	21.2	21.0	0	22.0
		25	0	22.9	22.9	22.9	22.7	0	23.5	21.1	21.2	21.2	21.0	0	22.0
	16QAM	1	0	22.8	23.0	22.9	22.6	0	23.5	21.2	21.3	21.2	20.9	0	22.0
		1	12	22.9	23.1	23.0	22.8	0	23.5	21.2	21.3	21.2	21.0	0	22.0
		1	24	22.9	23.0	22.9	22.7	0	23.5	21.1	21.2	21.1	20.9	0	22.0
		12	0	21.8	22.1	22.0	21.6	0.8	22.7	21.2	21.3	21.3	21.1	0	22.0
		12	7	21.9	22.1	22.0	21.6	0.8	22.7	21.2	21.3	21.4	21.1	0	22.0
		12	13	21.8	22.0	22.0	21.6	0.8	22.7	21.1	21.2	21.3	21.0	0	22.0
		25	0	21.9	21.9	21.9	21.6	0.8	22.7	21.1	21.2	21.2	20.9	0	22.0
	64QAM	1	0	21.9	22.0	21.9	21.6	0.8	22.7	20.8	21.1	21.1	20.9	0	22.0
		1	12	21.9	22.1	22.0	21.7	0.8	22.7	21.2	21.2	21.2	21.0	0	22.0
		1	24	21.9	22.0	21.9	21.7	0.8	22.7	21.2	21.2	21.1	21.0	0	22.0
		12	0	20.9	21.0	20.9	20.6	1.8	21.7	20.9	20.9	20.9	20.6	0.3	21.7
		12	7	20.9	21.0	20.9	20.7	1.8	21.7	20.9	21.0	20.9	20.7	0.3	21.7
		12	13	20.9	20.9	20.9	20.7	1.8	21.7	20.9	20.9	20.9	20.7	0.3	21.7
		25	0	20.9	20.9	20.9	20.7	1.8	21.7	20.9	20.9	20.9	20.7	0.3	21.7
	256QAM	1	0	18.9	18.9	18.9	18.7	3.8	19.7	18.8	19.0	18.9	18.6	2.3	19.7
		1	12	18.9	19.0	19.0	18.7	3.8	19.7	18.9	19.0	18.9	18.6	2.3	19.7
		1	24	18.9	18.9	18.9	18.7	3.8	19.7	18.8	18.8	18.8	18.6	2.3	19.7
		12	0	18.8	19.0	18.9	18.6	3.8	19.7	18.8	19.0	18.9	18.7	2.3	19.7
		12	7	18.9	19.0	18.9	18.7	3.8	19.7	18.9	19.0	18.9	18.7	2.3	19.7
		12	13	18.9	18.9	18.9	18.7	3.8	19.7	18.9	18.9	18.9	18.7	2.3	19.7
		25	0	18.9	18.9	18.9	18.6	3.8	19.7	18.9	18.9	18.9	18.7	2.3	19.7

LTE Band 53 Measured Results (ANT1)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)			Mode B Power (dBm)		
				60197	MPR	Max Power	60197	MPR	Max Power
				2489.2 MHz			2489.2 MHz		
10	QPSK	1	0	19.6	0	20.7	19.6	0	20.7
		1	25	19.6	0	20.7	19.6	0	20.7
		1	49	19.7	0	20.7	19.7	0	20.7
		25	0	19.6	0	20.7	19.6	0	20.7
		25	12	19.7	0	20.7	19.7	0	20.7
		25	25	19.7	0	20.7	19.7	0	20.7
		50	0	19.7	0	20.7	19.7	0	20.7
	16QAM	1	0	19.8	0	20.7	19.8	0	20.7
		1	25	19.9	0	20.7	19.9	0	20.7
		1	49	19.9	0	20.7	19.9	0	20.7
		25	0	19.7	0	20.7	19.7	0	20.7
		25	12	19.8	0	20.7	19.8	0	20.7
		25	25	19.9	0	20.7	19.9	0	20.7
		50	0	19.7	0	20.7	19.7	0	20.7
	64QAM	1	0	19.7	0	20.7	19.7	0	20.7
		1	25	19.7	0	20.7	19.7	0	20.7
		1	49	19.7	0	20.7	19.7	0	20.7
		25	0	19.7	0	20.7	19.7	0	20.7
		25	12	19.7	0	20.7	19.7	0	20.7
		25	25	19.8	0	20.7	19.8	0	20.7
		50	0	19.7	0	20.7	19.7	0	20.7
	256QAM	1	0	19.7	0	20.7	19.7	0	20.7
		1	25	19.8	0	20.7	19.8	0	20.7
		1	49	19.7	0	20.7	19.7	0	20.7
		25	0	19.7	0	20.7	19.7	0	20.7
		25	12	19.8	0	20.7	19.8	0	20.7
		25	25	19.8	0	20.7	19.8	0	20.7
		50	0	19.7	0	20.7	19.7	0	20.7

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)			Mode B Power (dBm)		
				60197	MPR	Max Power	60197	MPR	Max Power
				2489.2 MHz			2489.2 MHz		
5	QPSK	1	0	19.7	0	20.7	19.7	0	20.7
		1	12	19.9	0	20.7	19.9	0	20.7
		1	24	19.8	0	20.7	19.8	0	20.7
		12	0	19.7	0	20.7	19.7	0	20.7
		12	7	19.8	0	20.7	19.8	0	20.7
		12	13	19.8	0	20.7	19.8	0	20.7
		25	0	19.7	0	20.7	19.7	0	20.7
	16QAM	1	0	19.8	0	20.7	19.8	0	20.7
		1	12	19.9	0	20.7	19.9	0	20.7
		1	24	19.8	0	20.7	19.8	0	20.7
		12	0	19.7	0	20.7	19.7	0	20.7
		12	7	19.8	0	20.7	19.8	0	20.7
		12	13	19.8	0	20.7	19.8	0	20.7
		25	0	19.7	0	20.7	19.7	0	20.7
	64QAM	1	0	19.7	0	20.7	19.7	0	20.7
		1	12	19.8	0	20.7	19.8	0	20.7
		1	24	19.8	0	20.7	19.8	0	20.7
		12	0	19.7	0	20.7	19.7	0	20.7
		12	7	19.7	0	20.7	19.7	0	20.7
		12	13	19.8	0	20.7	19.8	0	20.7
		25	0	19.7	0	20.7	19.7	0	20.7
	256QAM	1	0	19.8	0	20.7	19.8	0	20.7
		1	12	19.8	0	20.7	19.8	0	20.7
		1	24	19.8	0	20.7	19.8	0	20.7
		12	0	19.7	0	20.7	19.7	0	20.7
		12	7	19.7	0	20.7	19.7	0	20.7
		12	13	19.8	0	20.7	19.8	0	20.7
		25	0	19.7	0	20.7	19.7	0	20.7

LTE Band 53 Measured Results (ANT1) (continued)

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

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				60147	60197	60248	MPR	Max Power	60147	60197	60248	MPR	Max 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	19.7	19.9	0	20.7	19.6	19.7	19.9	0	20.7
		1	3	19.7	19.8	19.8	0	20.7	19.7	19.8	19.8	0	20.7
		1	5	19.5	19.7	19.8	0	20.7	19.5	19.7	19.8	0	20.7
		3	0	19.7	19.7	20.0	0	20.7	19.7	19.7	20.0	0	20.7
		3	1	19.7	19.8	19.9	0	20.7	19.7	19.8	19.9	0	20.7
		3	3	19.7	19.7	19.9	0	20.7	19.7	19.7	19.9	0	20.7
		6	0	19.6	19.7	19.9	0	20.7	19.6	19.7	19.9	0	20.7
	16QAM	1	0	19.6	19.7	19.8	0	20.7	19.6	19.7	19.8	0	20.7
		1	3	19.8	19.7	20.1	0	20.7	19.8	19.7	20.1	0	20.7
		1	5	19.7	19.7	20.0	0	20.7	19.7	19.7	20.0	0	20.7
		3	0	19.6	19.6	19.9	0	20.7	19.6	19.6	19.9	0	20.7
		3	1	19.5	19.7	19.8	0	20.7	19.5	19.7	19.8	0	20.7
		3	3	19.7	19.8	20.0	0	20.7	19.7	19.8	20.0	0	20.7
		6	0	19.7	19.7	19.9	0	20.7	19.7	19.7	19.9	0	20.7
	64QAM	1	0	19.8	19.8	19.7	0	20.7	19.8	19.8	19.7	0	20.7
		1	3	19.5	19.5	19.9	0	20.7	19.5	19.5	19.9	0	20.7
		1	5	19.5	19.4	19.5	0	20.7	19.5	19.4	19.5	0	20.7
		3	0	19.7	19.8	19.9	0	20.7	19.7	19.8	19.9	0	20.7
		3	1	19.8	19.7	19.7	0	20.7	19.8	19.7	19.7	0	20.7
		3	3	19.6	19.8	19.7	0	20.7	19.6	19.8	19.7	0	20.7
		6	0	19.7	19.6	19.7	0	20.7	19.7	19.6	19.7	0	20.7
	256QAM	1	0	19.2	19.7	19.8	0	20.7	19.2	19.7	19.8	0	20.7
		1	3	19.6	19.8	19.9	0	20.7	19.6	19.8	19.9	0	20.7
		1	5	19.5	19.8	19.7	0	20.7	19.5	19.8	19.7	0	20.7
		3	0	19.7	19.7	19.8	0	20.7	19.7	19.7	19.8	0	20.7
		3	1	19.7	19.7	19.9	0	20.7	19.7	19.7	19.9	0	20.7
		3	3	19.8	19.8	19.6	0	20.7	19.8	19.8	19.6	0	20.7
		6	0	19.7	19.7	19.7	0	20.7	19.7	19.7	19.7	0	20.7

LTE Band 53 Measured Results (ANT2)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)			Mode B Power (dBm)		
				60197	MPR	Max Power	60197	MPR	Max Power
				2489.2 MHz			2489.2 MHz		
10	QPSK	1	0	18.7	0	19.9	19.5	0	20.7
		1	25	18.8	0	19.9	19.5	0	20.7
		1	49	18.7	0	19.9	19.5	0	20.7
		25	0	18.8	0	19.9	19.6	0	20.7
		25	12	18.8	0	19.9	19.5	0	20.7
		25	25	18.7	0	19.9	19.5	0	20.7
		50	0	18.7	0	19.9	19.5	0	20.7
	16QAM	1	0	18.9	0	19.9	19.8	0	20.7
		1	25	19.0	0	19.9	19.8	0	20.7
		1	49	18.9	0	19.9	19.8	0	20.7
		25	0	19.0	0	19.9	19.8	0	20.7
		25	12	19.1	0	19.9	19.7	0	20.7
		25	25	19.0	0	19.9	19.6	0	20.7
		50	0	19.0	0	19.9	19.7	0	20.7
	64QAM	1	0	18.9	0	19.9	19.7	0	20.7
		1	25	19.0	0	19.9	19.8	0	20.7
		1	49	18.9	0	19.9	19.8	0	20.7
		25	0	19.0	0	19.9	19.8	0	20.7
		25	12	19.0	0	19.9	19.8	0	20.7
		25	25	18.9	0	19.9	19.7	0	20.7
		50	0	19.0	0	19.9	19.8	0	20.7
	256QAM	1	0	17.9	1.2	18.7	17.9	2	18.7
		1	25	18.0	1.2	18.7	17.9	2	18.7
		1	49	17.8	1.2	18.7	17.8	2	18.7
		25	0	18.1	1.2	18.7	18.1	2	18.7
		25	12	18.1	1.2	18.7	18.2	2	18.7
		25	25	18.0	1.2	18.7	18.1	2	18.7
		50	0	18.1	1.2	18.7	18.1	2	18.7

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)			Mode B Power (dBm)		
				60197	MPR	Max Power	60197	MPR	Max Power
				2489.2 MHz			2489.2 MHz		
5	QPSK	1	0	18.8	0	19.9	19.7	0	20.7
		1	12	18.9	0	19.9	19.8	0	20.7
		1	24	18.8	0	19.9	19.7	0	20.7
		12	0	18.9	0	19.9	19.7	0	20.7
		12	7	18.9	0	19.9	19.8	0	20.7
		12	13	18.9	0	19.9	19.7	0	20.7
		25	0	18.9	0	19.9	19.8	0	20.7
	16QAM	1	0	18.9	0	19.9	19.7	0	20.7
		1	12	19.0	0	19.9	19.9	0	20.7
		1	24	18.9	0	19.9	19.7	0	20.7
		12	0	18.8	0	19.9	19.8	0	20.7
		12	7	18.9	0	19.9	19.9	0	20.7
		12	13	18.8	0	19.9	19.8	0	20.7
		25	0	18.9	0	19.9	19.8	0	20.7
	64QAM	1	0	19.0	0	19.9	19.7	0	20.7
		1	12	19.0	0	19.9	19.8	0	20.7
		1	24	18.9	0	19.9	19.7	0	20.7
		12	0	18.9	0	19.9	19.7	0	20.7
		12	7	19.0	0	19.9	19.8	0	20.7
		12	13	19.0	0	19.9	19.8	0	20.7
		25	0	19.0	0	19.9	19.8	0	20.7
	256QAM	1	0	18.1	1.2	18.7	18.0	2	18.7
		1	12	18.1	1.2	18.7	18.1	2	18.7
		1	24	18.0	1.2	18.7	18.0	2	18.7
		12	0	18.1	1.2	18.7	18.1	2	18.7
		12	7	18.1	1.2	18.7	18.1	2	18.7
		12	13	18.1	1.2	18.7	18.1	2	18.7
		25	0	18.1	1.2	18.7	18.1	2	18.7

LTE Band 53 Measured Results (ANT2) (continued)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				60155	60197	60240	MPR	Max Power	60155	60197	60240	MPR	Max Power
				2485 MHz	2489.2 MHz	2493.5 MHz			2485 MHz	2489.2 MHz	2493.5 MHz		
3	QPSK	1	0	18.8	18.8	18.8	0	19.9	19.7	19.7	19.7	0	20.7
		1	8	18.9	18.9	18.9	0	19.9	19.8	19.8	19.8	0	20.7
		1	14	18.8	18.8	18.8	0	19.9	19.7	19.7	19.7	0	20.7
		8	0	18.9	18.9	18.9	0	19.9	19.8	19.8	19.8	0	20.7
		8	4	19.0	18.9	18.9	0	19.9	19.8	19.8	19.8	0	20.7
		8	7	18.9	18.9	18.9	0	19.9	19.8	19.8	19.8	0	20.7
		15	0	18.9	18.9	18.9	0	19.9	19.8	19.8	19.8	0	20.7
	16QAM	1	0	18.9	18.7	18.8	0	19.9	19.9	19.7	19.7	0	20.7
		1	8	19.0	18.8	18.9	0	19.9	19.9	19.8	19.8	0	20.7
		1	14	18.9	18.7	18.8	0	19.9	19.8	19.7	19.8	0	20.7
		8	0	19.0	18.9	18.9	0	19.9	19.8	19.8	19.7	0	20.7
		8	4	19.0	19.0	18.9	0	19.9	19.9	19.9	19.9	0	20.7
		8	7	18.9	19.0	18.9	0	19.9	19.8	19.9	19.8	0	20.7
		15	0	18.9	18.9	18.9	0	19.9	19.8	19.8	19.8	0	20.7
	64QAM	1	0	18.9	18.9	18.9	0	19.9	19.7	19.6	19.7	0	20.7
		1	8	19.0	19.0	19.0	0	19.9	19.8	19.7	19.9	0	20.7
		1	14	18.8	18.9	18.9	0	19.9	19.7	19.6	19.6	0	20.7
		8	0	19.0	18.9	19.0	0	19.9	19.8	19.8	19.8	0	20.7
		8	4	19.1	19.0	19.0	0	19.9	19.8	19.8	19.9	0	20.7
		8	7	19.0	19.0	19.0	0	19.9	19.8	19.8	19.8	0	20.7
		15	0	19.0	19.0	19.0	0	19.9	19.8	19.8	19.7	0	20.7
	256QAM	1	0	17.8	18.0	17.9	1.2	18.7	18.0	18.0	17.9	2	18.7
		1	8	18.0	18.1	18.0	1.2	18.7	18.0	18.0	18.1	2	18.7
		1	14	17.8	18.1	17.9	1.2	18.7	17.9	18.0	17.9	2	18.7
		8	0	18.0	18.1	18.0	1.2	18.7	18.0	18.0	18.1	2	18.7
		8	4	18.1	18.1	18.1	1.2	18.7	18.1	18.1	18.2	2	18.7
		8	7	18.1	18.1	18.1	1.2	18.7	18.1	18.1	18.1	2	18.7
		15	0	18.1	18.1	18.1	1.2	18.7	18.1	18.1	18.1	2	18.7

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				60147	60197	60248	MPR	Max Power	60147	60197	60248	MPR	Max Power
				2484.2 MHz	2489.2 MHz	2494.3 MHz			2484.2 MHz	2489.2 MHz	2494.3 MHz		
1.4	QPSK	1	0	19.0	18.8	18.9	0	19.9	19.8	19.8	19.8	0	20.7
		1	3	19.0	18.8	18.9	0	19.9	19.9	19.8	19.7	0	20.7
		1	5	18.8	18.8	18.9	0	19.9	19.8	19.7	19.7	0	20.7
		3	0	18.9	18.9	18.9	0	19.9	19.8	19.8	19.7	0	20.7
		3	1	18.9	18.9	18.9	0	19.9	19.8	19.8	19.8	0	20.7
		3	3	19.0	18.9	18.9	0	19.9	19.9	19.9	19.7	0	20.7
		6	0	18.8	18.9	18.9	0	19.9	19.7	19.8	19.7	0	20.7
	16QAM	1	0	18.8	18.9	18.9	0	19.9	19.8	19.9	19.8	0	20.7
		1	3	18.9	19.0	18.9	0	19.9	19.7	19.9	19.9	0	20.7
		1	5	18.9	18.9	18.8	0	19.9	19.7	19.8	19.7	0	20.7
		3	0	18.9	18.9	18.9	0	19.9	19.8	19.9	19.8	0	20.7
		3	1	18.9	18.8	18.8	0	19.9	19.8	19.9	19.7	0	20.7
		3	3	18.9	18.9	18.9	0	19.9	19.8	19.8	19.7	0	20.7
		6	0	18.7	18.9	18.9	0	19.9	19.7	19.9	19.8	0	20.7
	64QAM	1	0	18.8	18.9	18.9	0	19.9	19.7	19.6	19.8	0	20.7
		1	3	18.9	19.0	19.0	0	19.9	19.7	19.7	19.8	0	20.7
		1	5	18.8	18.9	18.9	0	19.9	19.7	19.7	19.7	0	20.7
		3	0	18.9	19.0	18.9	0	19.9	19.7	19.7	19.8	0	20.7
		3	1	18.9	19.0	18.9	0	19.9	19.7	19.6	19.8	0	20.7
		3	3	18.9	19.0	19.0	0	19.9	19.7	19.7	19.7	0	20.7
		6	0	18.9	18.9	18.9	0	19.9	19.5	19.7	19.6	0	20.7
	256QAM	1	0	17.9	18.0	18.0	1.2	18.7	17.9	18.0	18.1	2	18.7
		1	3	18.0	17.9	18.1	1.2	18.7	17.9	18.1	18.2	2	18.7
		1	5	17.9	17.9	18.0	1.2	18.7	17.9	18.0	18.0	2	18.7
		3	0	17.8	18.0	18.0	1.2	18.7	18.0	18.1	18.0	2	18.7
		3	1	17.9	18.0	18.0	1.2	18.7	18.0	18.1	18.1	2	18.7
		3	3	17.8	18.1	18.1	1.2	18.7	18.0	18.1	18.1	2	18.7
		6	0	17.9	18.1	18.0	1.2	18.7	18.0	18.0	17.9	2	18.7

LTE Band 66 Measured Results (ANT1)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				132072	132322	132572	MPR	Max Power	132072	132322	132572	MPR	Max Power
				1720 MHz	1745 MHz	1770 MHz			1720 MHz	1745 MHz	1770 MHz		
20	QPSK	1	0	24.2	24.1	24.0	0	25.0	19.9	19.8	19.8	0	20.8
		1	49	24.1	24.1	24.0	0	25.0	19.9	19.9	19.7	0	20.8
		1	99	24.2	24.0	23.8	0	25.0	19.9	19.8	19.7	0	20.8
		50	0	24.1	24.1	24.0	0.3	24.7	19.9	19.9	19.8	0	20.8
		50	24	24.2	24.1	24.0	0.3	24.7	20.0	19.9	19.8	0	20.8
		50	50	24.1	24.0	24.0	0.3	24.7	19.9	19.8	19.8	0	20.8
		100	0	24.1	24.1	24.0	0.3	24.7	19.6	19.8	19.8	0	20.8
	16QAM	1	0	24.4	24.4	24.3	0.3	24.7	20.1	20.2	20.0	0	20.8
		1	49	24.4	24.5	24.4	0.3	24.7	20.2	20.2	20.1	0	20.8
		1	99	24.4	24.4	24.2	0.3	24.7	20.1	20.2	19.9	0	20.8
		50	0	23.1	23.2	23.1	1.3	23.7	19.8	19.9	19.8	0	20.8
		50	24	23.2	23.2	23.1	1.3	23.7	19.9	19.9	19.8	0	20.8
		50	50	23.2	23.2	23.1	1.3	23.7	19.9	19.9	19.8	0	20.8
		100	0	23.2	23.1	23.1	1.3	23.7	19.9	19.9	19.8	0	20.8
	64QAM	1	0	23.2	23.3	23.2	1.3	23.7	20.0	20.0	19.9	0	20.8
		1	49	23.3	23.5	23.4	1.3	23.7	20.0	20.1	20.0	0	20.8
		1	99	23.3	23.4	23.3	1.3	23.7	20.0	20.1	19.9	0	20.8
		50	0	22.1	22.1	22.1	2.3	22.7	19.9	19.9	19.8	0	20.8
		50	24	22.2	22.2	22.1	2.3	22.7	20.0	19.9	19.8	0	20.8
		50	50	22.2	22.2	22.1	2.3	22.7	19.9	19.9	19.8	0	20.8
		100	0	22.2	22.1	22.1	2.3	22.7	19.9	19.8	19.8	0	20.8
	256QAM	1	0	20.3	20.3	20.1	4.3	20.7	20.0	20.0	20.0	0.1	20.7
		1	49	20.3	20.4	20.1	4.3	20.7	20.0	20.0	19.9	0.1	20.7
		1	99	20.3	20.4	20.2	4.3	20.7	20.1	20.1	20.0	0.1	20.7
		50	0	20.1	20.1	20.1	4.3	20.7	19.8	19.8	19.8	0.1	20.7
		50	24	20.2	20.1	20.1	4.3	20.7	19.9	19.9	19.8	0.1	20.7
		50	50	20.2	20.2	20.1	4.3	20.7	19.9	19.9	19.8	0.1	20.7
		100	0	20.2	20.1	20.1	4.3	20.7	19.9	19.8	19.8	0.1	20.7

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				132047	132322	132597	MPR	Max Power	132047	132322	132597	MPR	Max Power
				1717.5 MHz	1745 MHz	1772.5 MHz			1717.5 MHz	1745 MHz	1772.5 MHz		
15	QPSK	1	0	24.1	24.1	24.0	0	25.0	19.8	19.9	19.8	0	20.8
		1	37	24.1	24.1	24.0	0	25.0	19.8	19.9	19.7	0	20.8
		1	74	24.1	24.2	24.0	0	25.0	19.9	19.9	19.6	0	20.8
		36	0	24.1	24.1	24.1	0.3	24.7	19.8	19.8	19.8	0	20.8
		36	20	24.2	24.1	24.1	0.3	24.7	19.9	19.8	19.8	0	20.8
		36	39	24.2	24.2	24.1	0.3	24.7	19.9	19.9	19.8	0	20.8
		75	0	24.2	24.1	24.1	0.3	24.7	19.9	19.8	19.8	0	20.8
	16QAM	1	0	24.3	24.4	24.4	0.3	24.7	20.1	20.0	19.9	0	20.8
		1	37	24.4	24.5	24.4	0.3	24.7	20.1	20.2	20.0	0	20.8
		1	74	24.4	24.4	24.3	0.3	24.7	20.1	20.2	19.9	0	20.8
		36	0	23.1	23.2	23.1	1.3	23.7	19.8	19.9	19.8	0	20.8
		36	20	23.2	23.2	23.1	1.3	23.7	19.9	19.9	19.8	0	20.8
		36	39	23.2	23.2	23.1	1.3	23.7	19.9	19.9	19.8	0	20.8
		75	0	23.2	23.1	23.1	1.3	23.7	19.9	19.8	19.8	0	20.8
	64QAM	1	0	23.3	23.3	23.2	1.3	23.7	20.0	20.0	19.9	0	20.8
		1	37	23.3	23.3	23.2	1.3	23.7	20.0	20.0	19.9	0	20.8
		1	74	23.4	23.3	23.2	1.3	23.7	20.1	20.0	19.9	0	20.8
		36	0	22.1	22.1	22.1	2.3	22.7	19.8	19.8	19.8	0	20.8
		36	20	22.2	22.1	22.1	2.3	22.7	19.9	19.8	19.8	0	20.8
		36	39	22.2	22.2	22.1	2.3	22.7	19.9	19.9	19.8	0	20.8
		75	0	22.2	22.1	22.1	2.3	22.7	19.9	19.8	19.8	0	20.8
	256QAM	1	0	20.1	20.1	20.1	4.3	20.7	19.8	19.8	19.8	0.1	20.7
		1	37	20.2	20.2	20.1	4.3	20.7	19.9	19.9	19.8	0.1	20.7
		1	74	20.2	20.2	20.1	4.3	20.7	19.9	19.9	19.8	0.1	20.7
		36	0	20.1	20.1	20.1	4.3	20.7	19.8	19.8	19.8	0.1	20.7
		36	20	20.2	20.1	20.1	4.3	20.7	19.9	19.8	19.8	0.1	20.7
		36	39	20.2	20.2	20.1	4.3	20.7	19.9	19.9	19.8	0.1	20.7
		75	0	20.2	20.1	20.1	4.3	20.7	19.9	19.8	19.8	0.1	20.7

LTE Band 66 Measured Results (ANT1) (continued)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				132022	132322	132622	MPR	Max Power	132022	132322	132622	MPR	Max Power
				1715 MHz	1745 MHz	1775 MHz			1715 MHz	1745 MHz	1775 MHz		
10	QPSK	1	0	24.2	24.3	24.2	0	25.0	19.9	20.0	19.9	0	20.8
		1	25	24.3	24.3	24.2	0	25.0	20.0	20.0	19.9	0	20.8
		1	49	24.2	24.3	24.2	0	25.0	19.9	20.0	19.8	0	20.8
		25	0	24.2	24.3	24.2	0.3	24.7	19.9	20.0	19.9	0	20.8
		25	12	24.3	24.3	24.2	0.3	24.7	20.0	20.0	19.9	0	20.8
		25	25	24.3	24.4	24.2	0.3	24.7	20.0	20.0	19.9	0	20.8
		50	0	24.3	24.3	24.2	0.3	24.7	20.0	19.9	19.9	0	20.8
	16QAM	1	0	24.6	24.7	24.5	0.3	24.7	20.3	20.3	20.2	0	20.8
		1	25	24.6	24.6	24.5	0.3	24.7	20.2	20.2	20.2	0	20.8
		1	49	24.6	24.6	24.5	0.3	24.7	20.3	20.2	20.2	0	20.8
		25	0	23.3	23.3	23.3	1.3	23.7	19.9	20.0	19.9	0	20.8
		25	12	23.4	23.3	23.3	1.3	23.7	20.0	20.0	19.9	0	20.8
		25	25	23.4	23.4	23.3	1.3	23.7	20.0	20.0	19.9	0	20.8
		50	0	23.3	23.3	23.2	1.3	23.7	20.0	19.9	19.9	0	20.8
	64QAM	1	0	23.4	23.5	23.3	1.3	23.7	20.1	20.2	20.0	0	20.8
		1	25	23.5	23.5	23.3	1.3	23.7	20.2	20.2	20.0	0	20.8
		1	49	23.5	23.5	23.3	1.3	23.7	20.1	20.2	20.0	0	20.8
		25	0	22.3	22.3	22.2	2.3	22.7	19.9	20.0	19.9	0	20.8
		25	12	22.3	22.3	22.2	2.3	22.7	20.0	20.0	19.9	0	20.8
		25	25	22.3	22.4	22.2	2.3	22.7	20.0	20.0	19.9	0	20.8
		50	0	22.3	22.2	22.2	2.3	22.7	20.0	20.0	19.9	0	20.8
	256QAM	1	0	20.4	20.4	20.3	4.3	20.7	20.0	20.0	20.0	0.1	20.7
		1	25	20.5	20.5	20.3	4.3	20.7	20.1	20.1	20.0	0.1	20.7
		1	49	20.4	20.5	20.3	4.3	20.7	20.1	20.1	20.0	0.1	20.7
		25	0	20.2	20.3	20.2	4.3	20.7	19.9	19.9	19.9	0.1	20.7
		25	12	20.3	20.3	20.2	4.3	20.7	20.0	20.0	19.9	0.1	20.7
		25	25	20.3	20.3	20.2	4.3	20.7	20.0	20.0	19.9	0.1	20.7
		50	0	20.3	20.2	20.2	4.3	20.7	20.0	19.9	19.9	0.1	20.7

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				131997	132322	132647	MPR	Max Power	131997	132322	132647	MPR	Max Power
				1712.5 MHz	1745 MHz	1777.5 MHz			1712.5 MHz	1745 MHz	1777.5 MHz		
5	QPSK	1	0	24.2	24.2	24.1	0	25.0	19.9	19.9	19.8	0	20.8
		1	12	24.3	24.4	24.3	0	25.0	20.1	20.1	19.9	0	20.8
		1	24	24.2	24.3	24.2	0	25.0	19.9	20.0	19.8	0	20.8
		12	0	24.2	24.2	24.2	0.3	24.7	19.9	19.9	19.9	0	20.8
		12	7	24.3	24.3	24.3	0.3	24.7	20.0	19.9	19.9	0	20.8
		12	13	24.3	24.3	24.2	0.3	24.7	20.0	20.0	19.9	0	20.8
		25	0	24.3	24.2	24.2	0.3	24.7	20.0	19.9	19.9	0	20.8
	16QAM	1	0	24.6	24.6	24.5	0.3	24.7	20.3	20.3	20.2	0	20.8
		1	12	24.7	24.7	24.7	0.3	24.7	20.4	20.4	20.3	0	20.8
		1	24	24.6	24.7	24.6	0.3	24.7	20.3	20.4	20.2	0	20.8
		12	0	23.2	23.3	23.3	1.3	23.7	19.8	19.9	20.0	0	20.8
		12	7	23.3	23.3	23.4	1.3	23.7	19.9	19.9	20.0	0	20.8
		12	13	23.3	23.4	23.3	1.3	23.7	19.9	20.0	20.0	0	20.8
		25	0	23.3	23.3	23.2	1.3	23.7	20.0	19.9	19.9	0	20.8
	64QAM	1	0	23.3	23.3	23.2	1.3	23.7	20.0	20.1	19.9	0	20.8
		1	12	23.4	23.4	23.3	1.3	23.7	20.1	20.2	20.0	0	20.8
		1	24	23.4	23.4	23.3	1.3	23.7	20.1	20.1	19.9	0	20.8
		12	0	22.2	22.3	22.2	2.3	22.7	19.9	19.9	19.9	0	20.8
		12	7	22.4	22.3	22.3	2.3	22.7	20.0	20.0	19.9	0	20.8
		12	13	22.3	22.4	22.2	2.3	22.7	20.0	20.0	19.9	0	20.8
		25	0	22.3	22.3	22.2	2.3	22.7	20.0	19.9	19.9	0	20.8
	256QAM	1	0	20.2	20.3	20.3	4.3	20.7	20.0	20.0	19.9	0.1	20.7
		1	12	20.4	20.5	20.4	4.3	20.7	20.1	20.1	19.9	0.1	20.7
		1	24	20.4	20.4	20.3	4.3	20.7	20.0	20.0	19.9	0.1	20.7
		12	0	20.2	20.2	20.2	4.3	20.7	19.9	19.9	19.8	0.1	20.7
		12	7	20.3	20.3	20.2	4.3	20.7	20.0	20.0	19.9	0.1	20.7
		12	13	20.3	20.3	20.2	4.3	20.7	20.0	20.0	19.9	0.1	20.7
		25	0	20.3	20.2	20.2	4.3	20.7	20.0	19.9	19.9	0.1	20.7

LTE Band 66 Measured Results (ANT1) (continued)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				131987	132322	132657	MPR	Max Power	131987	132322	132657	MPR	Max Power
				1711.5 MHz	1745 MHz	1778.5 MHz			1711.5 MHz	1745 MHz	1778.5 MHz		
3	QPSK	1	0	24.2	24.2	24.1	0	25.0	19.9	19.9	19.8	0	20.8
		1	8	24.3	24.3	24.2	0	25.0	20.0	20.0	19.9	0	20.8
		1	14	24.2	24.2	24.1	0	25.0	19.9	19.9	19.8	0	20.8
		8	0	24.3	24.2	24.2	0.3	24.7	19.9	19.9	19.9	0	20.8
		8	4	24.3	24.3	24.2	0.3	24.7	20.0	20.0	19.9	0	20.8
		8	7	24.3	24.3	24.2	0.3	24.7	20.0	20.0	19.9	0	20.8
		15	0	24.3	24.2	24.2	0.3	24.7	20.0	19.9	19.8	0	20.8
	16QAM	1	0	24.5	24.6	24.5	0.3	24.7	20.1	20.2	20.1	0	20.8
		1	8	24.6	24.7	24.5	0.3	24.7	20.3	20.3	20.2	0	20.8
		1	14	24.5	24.7	24.5	0.3	24.7	20.2	20.3	20.1	0	20.8
		8	0	23.4	23.3	23.2	1.3	23.7	20.0	19.9	19.9	0	20.8
		8	4	23.4	23.4	23.3	1.3	23.7	20.1	20.1	19.9	0	20.8
		8	7	23.4	23.4	23.3	1.3	23.7	20.0	20.1	19.9	0	20.8
		15	0	23.3	23.3	23.2	1.3	23.7	20.0	19.9	19.9	0	20.8
	64QAM	1	0	23.4	23.3	23.3	1.3	23.7	20.0	20.1	20.0	0	20.8
		1	8	23.5	23.5	23.4	1.3	23.7	20.1	20.2	20.1	0	20.8
		1	14	23.4	23.4	23.4	1.3	23.7	20.1	20.1	20.0	0	20.8
		8	0	22.3	22.2	22.2	2.3	22.7	20.0	19.9	19.9	0	20.8
		8	4	22.3	22.4	22.2	2.3	22.7	20.0	20.0	19.9	0	20.8
		8	7	22.3	22.4	22.2	2.3	22.7	20.0	20.0	19.9	0	20.8
		15	0	22.3	22.3	22.2	2.3	22.7	20.0	19.9	19.9	0	20.8
	256QAM	1	0	20.3	20.3	20.2	4.3	20.7	20.0	20.0	19.9	0.1	20.7
		1	8	20.5	20.5	20.3	4.3	20.7	20.2	20.2	20.0	0.1	20.7
		1	14	20.4	20.4	20.2	4.3	20.7	20.0	20.1	19.9	0.1	20.7
		8	0	20.3	20.2	20.1	4.3	20.7	20.0	19.9	19.9	0.1	20.7
		8	4	20.3	20.4	20.2	4.3	20.7	20.0	20.0	19.9	0.1	20.7
		8	7	20.3	20.4	20.2	4.3	20.7	20.0	20.0	19.9	0.1	20.7
		15	0	20.3	20.2	20.1	4.3	20.7	20.0	19.9	19.8	0.1	20.7

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				131979	132322	132665	MPR	Max Power	131979	132322	132665	MPR	Max Power
				1710.7 MHz	1745 MHz	1779.3 MHz			1710.7 MHz	1745 MHz	1779.3 MHz		
1.4	QPSK	1	0	24.2	24.2	24.1	0	25.0	19.9	19.9	19.7	0	20.8
		1	3	24.2	24.3	24.1	0	25.0	19.9	20.0	19.8	0	20.8
		1	5	24.2	24.2	24.1	0	25.0	19.9	19.9	19.7	0	20.8
		3	0	24.2	24.2	24.1	0	25.0	19.9	19.9	19.7	0	20.8
		3	1	24.2	24.2	24.1	0	25.0	19.9	19.9	19.8	0	20.8
		3	3	24.2	24.2	24.1	0	25.0	19.9	19.9	19.8	0	20.8
		6	0	24.2	24.2	24.1	0.3	24.7	19.9	19.9	19.8	0	20.8
	16QAM	1	0	24.4	24.4	24.3	0.3	24.7	20.2	20.3	20.0	0	20.8
		1	3	24.4	24.5	24.3	0.3	24.7	20.2	20.2	20.0	0	20.8
		1	5	24.4	24.5	24.3	0.3	24.7	20.2	20.2	20.0	0	20.8
		3	0	24.4	24.4	24.2	0.3	24.7	20.1	20.1	19.9	0	20.8
		3	1	24.4	24.4	24.3	0.3	24.7	20.1	20.1	19.9	0	20.8
		3	3	24.4	24.4	24.3	0.3	24.7	20.1	20.0	19.9	0	20.8
		6	0	23.3	23.3	23.2	1.3	23.7	20.0	19.9	19.8	0	20.8
	64QAM	1	0	23.4	23.4	23.2	1.3	23.7	20.0	20.1	19.9	0	20.8
		1	3	23.4	23.5	23.3	1.3	23.7	20.0	20.1	20.0	0	20.8
		1	5	23.4	23.4	23.3	1.3	23.7	20.1	20.2	20.0	0	20.8
		3	0	23.3	23.3	23.2	1.3	23.7	19.9	20.0	19.9	0	20.8
		3	1	23.3	23.4	23.2	1.3	23.7	19.9	20.0	19.9	0	20.8
		3	3	23.3	23.3	23.2	1.3	23.7	19.9	20.0	19.9	0	20.8
		6	0	22.2	22.3	22.0	2.3	22.7	19.9	19.9	19.8	0	20.8
	256QAM	1	0	20.3	20.4	20.2	4.3	20.7	19.9	20.0	19.9	0.1	20.7
		1	3	20.3	20.4	20.2	4.3	20.7	20.0	20.1	19.9	0.1	20.7
		1	5	20.3	20.4	20.2	4.3	20.7	20.0	20.0	19.9	0.1	20.7
		3	0	20.2	20.3	20.1	4.3	20.7	19.9	20.0	19.8	0.1	20.7
		3	1	20.3	20.3	20.1	4.3	20.7	19.9	20.0	19.8	0.1	20.7
		3	3	20.3	20.3	20.1	4.3	20.7	19.9	20.0	19.8	0.1	20.7
		6	0	20.3	20.3	20.1	4.3	20.7	19.9	19.8	19.7	0.1	20.7

LTE Band 66 Measured Results (ANT2)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				132072	132322	132572	MPR	Max Power	132072	132322	132572	MPR	Max Power
				1720 MHz	1745 MHz	1770 MHz			1720 MHz	1745 MHz	1770 MHz		
20	QPSK	1	0	17.2	17.3	17.3	0	18.7	16.3	16.4	16.4	0	17.8
		1	49	17.3	17.3	17.4	0	18.7	16.4	16.4	16.4	0	17.8
		1	99	17.2	17.3	17.2	0	18.7	16.4	16.4	16.3	0	17.8
		50	0	17.3	17.3	17.3	0	18.7	16.4	16.4	16.4	0	17.8
		50	24	17.4	17.3	17.3	0	18.7	16.5	16.4	16.4	0	17.8
		50	50	17.3	17.3	17.3	0	18.7	16.5	16.4	16.5	0	17.8
		100	0	17.3	17.3	17.3	0	18.7	16.6	16.5	16.4	0	17.8
	16QAM	1	0	17.6	17.6	17.6	0	18.7	16.3	16.3	16.3	0	17.8
		1	49	17.6	17.6	17.6	0	18.7	16.3	16.3	16.4	0	17.8
		1	99	17.5	17.6	17.5	0	18.7	16.3	16.4	16.3	0	17.8
		50	0	17.2	17.3	17.3	0	18.7	16.0	16.0	16.0	0	17.8
		50	24	17.3	17.3	17.3	0	18.7	16.1	16.1	16.1	0	17.8
		50	50	17.3	17.3	17.3	0	18.7	16.1	16.1	16.1	0	17.8
		100	0	17.3	17.3	17.3	0	18.7	16.1	16.1	16.1	0	17.8
	64QAM	1	0	17.4	17.4	17.4	0	18.7	16.2	16.2	16.2	0	17.8
		1	49	17.4	17.5	17.5	0	18.7	16.2	16.2	16.3	0	17.8
		1	99	17.4	17.5	17.3	0	18.7	16.3	16.3	16.2	0	17.8
		50	0	17.3	17.3	17.3	0	18.7	16.0	16.0	16.1	0	17.8
		50	24	17.3	17.3	17.3	0	18.7	16.1	16.1	16.1	0	17.8
		50	50	17.3	17.3	17.3	0	18.7	16.1	16.1	16.1	0	17.8
		100	0	17.3	17.3	17.3	0	18.7	16.1	16.1	16.0	0	17.8
	256QAM	1	0	17.3	17.4	17.5	0	18.7	16.1	16.1	16.1	0	17.8
		1	49	17.3	17.4	17.5	0	18.7	16.2	16.2	16.2	0	17.8
		1	99	17.4	17.5	17.4	0	18.7	16.2	16.3	16.3	0	17.8
		50	0	17.3	17.3	17.3	0	18.7	16.0	16.0	16.0	0	17.8
		50	24	17.3	17.3	17.3	0	18.7	16.1	16.1	16.1	0	17.8
		50	50	17.3	17.3	17.3	0	18.7	16.1	16.1	16.1	0	17.8
		100	0	17.3	17.3	17.3	0	18.7	16.1	16.1	16.1	0	17.8

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				132047	132322	132597	MPR	Max Power	132047	132322	132597	MPR	Max Power
				1717.5 MHz	1745 MHz	1772.5 MHz			1717.5 MHz	1745 MHz	1772.5 MHz		
15	QPSK	1	0	17.2	17.2	17.2	0	18.7	16.0	16.1	16.1	0	17.8
		1	37	17.3	17.2	17.2	0	18.7	16.0	16.1	16.1	0	17.8
		1	74	17.3	17.3	17.2	0	18.7	16.0	16.1	16.0	0	17.8
		36	0	17.2	17.2	17.3	0	18.7	16.0	16.0	16.1	0	17.8
		36	20	17.3	17.2	17.3	0	18.7	16.1	16.1	16.2	0	17.8
		36	39	17.3	17.3	17.3	0	18.7	16.1	16.1	16.2	0	17.8
		75	0	17.3	17.3	17.2	0	18.7	16.1	16.1	16.1	0	17.8
	16QAM	1	0	17.6	17.5	17.5	0	18.7	16.2	16.4	16.5	0	17.8
		1	37	17.6	17.5	17.5	0	18.7	16.2	16.4	16.4	0	17.8
		1	74	17.6	17.5	17.4	0	18.7	16.3	16.5	16.3	0	17.8
		36	0	17.3	17.2	17.3	0	18.7	16.0	16.1	16.1	0	17.8
		36	20	17.3	17.2	17.4	0	18.7	16.1	16.1	16.2	0	17.8
		36	39	17.3	17.3	17.3	0	18.7	16.1	16.1	16.1	0	17.8
		75	0	17.3	17.3	17.3	0	18.7	16.1	16.1	16.1	0	17.8
	64QAM	1	0	17.5	17.4	17.4	0	18.7	16.2	16.2	16.3	0	17.8
		1	37	17.5	17.4	17.5	0	18.7	16.2	16.3	16.3	0	17.8
		1	74	17.6	17.4	17.3	0	18.7	16.3	16.3	16.2	0	17.8
		36	0	17.2	17.3	17.3	0	18.7	16.0	16.0	16.0	0	17.8
		36	20	17.3	17.2	17.4	0	18.7	16.1	16.0	16.1	0	17.8
		36	39	17.3	17.3	17.3	0	18.7	16.1	16.1	16.1	0	17.8
		75	0	17.3	17.3	17.3	0	18.7	16.1	16.1	16.0	0	17.8
	256QAM	1	0	17.4	17.3	17.4	0	18.7	16.1	16.0	16.1	0	17.8
		1	37	17.3	17.3	17.4	0	18.7	16.1	16.1	16.2	0	17.8
		1	74	17.5	17.4	17.4	0	18.7	16.2	16.3	16.3	0	17.8
		36	0	17.2	17.3	17.3	0	18.7	16.0	16.0	16.0	0	17.8
		36	20	17.3	17.2	17.4	0	18.7	16.1	16.0	16.1	0	17.8
		36	39	17.3	17.3	17.3	0	18.7	16.1	16.1	16.1	0	17.8
		75	0	17.3	17.3	17.3	0	18.7	16.1	16.1	16.0	0	17.8

LTE Band 66 Measured Results (ANT2) (continued)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)			MPR	Max Power	Mode B Power (dBm)			MPR	Max Power
				132022	132322	132622			132022	132322	132622		
				1715 MHz	1745 MHz	1775 MHz			1715 MHz	1745 MHz	1775 MHz		
10	QPSK	1	0	17.3	17.3	17.3	0	18.7	16.1	16.2	16.2	0	17.8
		1	25	17.4	17.4	17.4	0	18.7	16.2	16.2	16.3	0	17.8
		1	49	17.3	17.3	17.3	0	18.7	16.1	16.2	16.2	0	17.8
		25	0	17.3	17.3	17.3	0	18.7	16.1	16.1	16.2	0	17.8
		25	12	17.4	17.4	17.3	0	18.7	16.2	16.3	16.2	0	17.8
		25	25	17.3	17.3	17.3	0	18.7	16.1	16.2	16.3	0	17.8
		50	0	17.4	17.3	17.3	0	18.7	16.1	16.2	16.2	0	17.8
	16QAM	1	0	17.6	17.6	17.6	0	18.7	16.4	16.5	16.6	0	17.8
		1	25	17.6	17.6	17.6	0	18.7	16.4	16.6	16.6	0	17.8
		1	49	17.6	17.6	17.6	0	18.7	16.4	16.6	16.6	0	17.8
		25	0	17.3	17.3	17.3	0	18.7	16.1	16.1	16.2	0	17.8
		25	12	17.4	17.4	17.4	0	18.7	16.2	16.3	16.2	0	17.8
		25	25	17.4	17.4	17.4	0	18.7	16.2	16.3	16.3	0	17.8
		50	0	17.4	17.3	17.3	0	18.7	16.2	16.2	16.2	0	17.8
	64QAM	1	0	17.6	17.4	17.6	0	18.7	16.3	16.3	16.4	0	17.8
		1	25	17.5	17.5	17.7	0	18.7	16.4	16.4	16.5	0	17.8
		1	49	17.4	17.4	17.6	0	18.7	16.4	16.4	16.4	0	17.8
		25	0	17.3	17.3	17.3	0	18.7	16.1	16.1	16.1	0	17.8
		25	12	17.4	17.4	17.3	0	18.7	16.2	16.2	16.2	0	17.8
		25	25	17.4	17.3	17.4	0	18.7	16.2	16.2	16.2	0	17.8
		50	0	17.4	17.4	17.3	0	18.7	16.2	16.2	16.2	0	17.8
	256QAM	1	0	17.5	17.3	17.5	0	18.7	16.1	16.1	16.2	0	17.8
		1	25	17.6	17.4	17.6	0	18.7	16.3	16.3	16.4	0	17.8
		1	49	17.6	17.4	17.4	0	18.7	16.2	16.3	16.3	0	17.8
		25	0	17.3	17.3	17.3	0	18.7	16.1	16.1	16.2	0	17.8
		25	12	17.4	17.4	17.3	0	18.7	16.2	16.2	16.2	0	17.8
		25	25	17.4	17.3	17.4	0	18.7	16.2	16.2	16.2	0	17.8
		50	0	17.4	17.3	17.3	0	18.7	16.2	16.2	16.1	0	17.8

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)			MPR	Max Power	Mode B Power (dBm)			MPR	Max Power
				131997	132322	132647			131997	132322	132647		
				1712.5 MHz	1745 MHz	1777.5 MHz			1712.5 MHz	1745 MHz	1777.5 MHz		
5	QPSK	1	0	17.2	17.2	17.3	0	18.7	16.0	16.1	16.2	0	17.8
		1	12	17.3	17.3	17.3	0	18.7	16.1	16.3	16.3	0	17.8
		1	24	17.2	17.2	17.3	0	18.7	16.0	16.2	16.2	0	17.8
		12	0	17.3	17.2	17.4	0	18.7	16.1	16.1	16.3	0	17.8
		12	7	17.4	17.2	17.4	0	18.7	16.1	16.1	16.3	0	17.8
		12	13	17.3	17.3	17.3	0	18.7	16.1	16.2	16.3	0	17.8
		25	0	17.3	17.3	17.4	0	18.7	16.1	16.2	16.3	0	17.8
	16QAM	1	0	17.6	17.6	17.6	0	18.7	16.4	16.4	16.6	0	17.8
		1	12	17.7	17.7	17.7	0	18.7	16.5	16.6	16.6	0	17.8
		1	24	17.6	17.6	17.6	0	18.7	16.4	16.5	16.5	0	17.8
		12	0	17.4	17.2	17.4	0	18.7	16.1	16.1	16.4	0	17.8
		12	7	17.5	17.2	17.5	0	18.7	16.1	16.2	16.4	0	17.8
		12	13	17.4	17.3	17.4	0	18.7	16.1	16.2	16.4	0	17.8
		25	0	17.3	17.3	17.4	0	18.7	16.1	16.2	16.2	0	17.8
	64QAM	1	0	17.4	17.3	17.3	0	18.7	16.3	16.2	16.2	0	17.8
		1	12	17.4	17.4	17.4	0	18.7	16.4	16.3	16.3	0	17.8
		1	24	17.4	17.4	17.3	0	18.7	16.3	16.2	16.2	0	17.8
		12	0	17.4	17.3	17.3	0	18.7	16.2	16.1	16.3	0	17.8
		12	7	17.4	17.3	17.4	0	18.7	16.2	16.1	16.3	0	17.8
		12	13	17.3	17.3	17.4	0	18.7	16.2	16.2	16.2	0	17.8
		25	0	17.4	17.3	17.4	0	18.7	16.2	16.2	16.2	0	17.8
	256QAM	1	0	17.4	17.3	17.4	0	18.7	16.3	16.2	16.3	0	17.8
		1	12	17.5	17.5	17.5	0	18.7	16.4	16.3	16.4	0	17.8
		1	24	17.4	17.4	17.4	0	18.7	16.4	16.4	16.3	0	17.8
		12	0	17.4	17.2	17.4	0	18.7	16.2	16.1	16.2	0	17.8
		12	7	17.4	17.3	17.4	0	18.7	16.2	16.1	16.3	0	17.8
		12	13	17.3	17.3	17.4	0	18.7	16.2	16.2	16.2	0	17.8
		25	0	17.3	17.3	17.4	0	18.7	16.2	16.2	16.2	0	17.8

LTE Band 66 Measured Results (ANT2) (continued)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				131987	132322	132657	MPR	Max Power	131987	132322	132657	MPR	Max Power
				1711.5 MHz	1745 MHz	1778.5 MHz			1711.5 MHz	1745 MHz	1778.5 MHz		
3	QPSK	1	0	17.2	17.2	17.3	0	18.7	16.0	16.1	16.1	0	17.8
		1	8	17.4	17.4	17.3	0	18.7	16.1	16.2	16.2	0	17.8
		1	14	17.3	17.2	17.3	0	18.7	16.0	16.1	16.1	0	17.8
		8	0	17.3	17.2	17.3	0	18.7	16.1	16.1	16.2	0	17.8
		8	4	17.3	17.3	17.4	0	18.7	16.1	16.2	16.2	0	17.8
		8	7	17.3	17.3	17.3	0	18.7	16.1	16.2	16.2	0	17.8
		15	0	17.3	17.3	17.3	0	18.7	16.1	16.1	16.2	0	17.8
	16QAM	1	0	17.5	17.5	17.6	0	18.7	16.3	16.4	16.5	0	17.8
		1	8	17.7	17.6	17.6	0	18.7	16.4	16.5	16.6	0	17.8
		1	14	17.6	17.5	17.6	0	18.7	16.3	16.4	16.4	0	17.8
		8	0	17.3	17.2	17.3	0	18.7	16.1	16.1	16.3	0	17.8
		8	4	17.4	17.3	17.4	0	18.7	16.2	16.2	16.3	0	17.8
		8	7	17.4	17.3	17.4	0	18.7	16.2	16.2	16.3	0	17.8
		15	0	17.4	17.3	17.4	0	18.7	16.1	16.2	16.2	0	17.8
	64QAM	1	0	17.5	17.4	17.6	0	18.7	16.2	16.3	16.4	0	17.8
		1	8	17.6	17.5	17.7	0	18.7	16.3	16.4	16.5	0	17.8
		1	14	17.5	17.5	17.5	0	18.7	16.2	16.3	16.4	0	17.8
		8	0	17.3	17.2	17.4	0	18.7	16.1	16.1	16.2	0	17.8
		8	4	17.4	17.4	17.4	0	18.7	16.2	16.2	16.2	0	17.8
		8	7	17.4	17.4	17.4	0	18.7	16.2	16.2	16.2	0	17.8
		15	0	17.3	17.3	17.4	0	18.7	16.1	16.2	16.2	0	17.8
	256QAM	1	0	17.3	17.3	17.4	0	18.7	16.1	16.1	16.2	0	17.8
		1	8	17.5	17.4	17.5	0	18.7	16.3	16.3	16.3	0	17.8
		1	14	17.4	17.4	17.4	0	18.7	16.2	16.2	16.2	0	17.8
		8	0	17.3	17.3	17.4	0	18.7	16.1	16.1	16.2	0	17.8
		8	4	17.4	17.4	17.4	0	18.7	16.1	16.2	16.2	0	17.8
		8	7	17.4	17.3	17.4	0	18.7	16.1	16.2	16.2	0	17.8
		15	0	17.3	17.3	17.4	0	18.7	16.1	16.1	16.2	0	17.8

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				131979	132322	132665	MPR	Max Power	131979	132322	132665	MPR	Max Power
				1710.7 MHz	1745 MHz	1779.3 MHz			1710.7 MHz	1745 MHz	1779.3 MHz		
1.4	QPSK	1	0	17.3	17.3	17.3	0	18.7	16.1	16.1	16.1	0	17.8
		1	3	17.3	17.3	17.3	0	18.7	16.1	16.1	16.2	0	17.8
		1	5	17.3	17.3	17.3	0	18.7	16.1	16.1	16.1	0	17.8
		3	0	17.3	17.2	17.3	0	18.7	16.1	16.1	16.1	0	17.8
		3	1	17.3	17.3	17.3	0	18.7	16.1	16.1	16.1	0	17.8
		3	3	17.3	17.3	17.3	0	18.7	16.1	16.1	16.1	0	17.8
		6	0	17.3	17.3	17.3	0	18.7	16.1	16.1	16.1	0	17.8
	16QAM	1	0	17.6	17.6	17.5	0	18.7	16.3	16.3	16.3	0	17.8
		1	3	17.6	17.5	17.7	0	18.7	16.4	16.3	16.4	0	17.8
		1	5	17.6	17.6	17.6	0	18.7	16.3	16.2	16.3	0	17.8
		3	0	17.4	17.4	17.5	0	18.7	16.2	16.2	16.2	0	17.8
		3	1	17.5	17.4	17.5	0	18.7	16.2	16.2	16.3	0	17.8
		3	3	17.5	17.4	17.5	0	18.7	16.2	16.2	16.3	0	17.8
		6	0	17.4	17.4	17.4	0	18.7	16.1	16.1	16.2	0	17.8
	64QAM	1	0	17.6	17.5	17.5	0	18.7	16.2	16.3	16.4	0	17.8
		1	3	17.6	17.6	17.6	0	18.7	16.2	16.3	16.3	0	17.8
		1	5	17.6	17.5	17.5	0	18.7	16.2	16.3	16.3	0	17.8
		3	0	17.4	17.3	17.4	0	18.7	16.1	16.2	16.2	0	17.8
		3	1	17.4	17.4	17.4	0	18.7	16.1	16.2	16.2	0	17.8
		3	3	17.4	17.4	17.4	0	18.7	16.1	16.2	16.2	0	17.8
		6	0	17.3	17.3	17.3	0	18.7	16.1	16.1	16.1	0	17.8
	256QAM	1	0	17.4	17.3	17.4	0	18.7	16.2	16.1	16.3	0	17.8
		1	3	17.4	17.4	17.4	0	18.7	16.2	16.1	16.3	0	17.8
		1	5	17.4	17.4	17.4	0	18.7	16.2	16.1	16.2	0	17.8
		3	0	17.4	17.3	17.3	0	18.7	16.1	16.1	16.1	0	17.8
		3	1	17.4	17.4	17.3	0	18.7	16.1	16.2	16.2	0	17.8
		3	3	17.3	17.4	17.3	0	18.7	16.1	16.2	16.2	0	17.8
		6	0	17.4	17.2	17.3	0	18.7	15.9	16.1	16.1	0	17.8

LTE Band 66 Measured Results (ANT3)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				132072	132322	132572	MPR	Max Power	132072	132322	132572	MPR	Max Power
				1720 MHz	1745 MHz	1770 MHz			1720 MHz	1745 MHz	1770 MHz		
20	QPSK	1	0	21.7	21.8	21.6	0	22.9	18.9	19.0	18.8	0	20.0
		1	49	21.8	21.8	21.6	0	22.9	18.9	18.9	18.7	0	20.0
		1	99	21.8	21.8	21.6	0	22.9	18.9	19.0	18.6	0	20.0
		50	0	21.8	21.8	21.7	0	22.9	18.9	18.9	18.7	0	20.0
		50	24	21.9	21.8	21.7	0	22.9	19.0	18.9	18.9	0	20.0
		50	50	21.9	21.8	21.7	0	22.9	19.1	18.9	18.9	0	20.0
		100	0	21.9	21.8	21.7	0	22.9	19.0	18.9	18.9	0	20.0
	16QAM	1	0	22.2	22.1	21.9	0	22.9	19.4	19.3	19.0	0	20.0
		1	49	22.4	22.4	22.1	0	22.9	19.5	19.5	19.1	0	20.0
		1	99	22.2	22.2	21.9	0	22.9	19.2	19.2	19.1	0	20.0
		50	0	22.0	22.0	21.9	0	22.9	19.1	19.1	19.1	0	20.0
		50	24	22.1	22.0	21.9	0	22.9	19.2	19.1	19.0	0	20.0
		50	50	22.1	22.0	21.8	0	22.9	19.2	19.1	18.9	0	20.0
		100	0	22.1	22.0	21.9	0	22.9	19.2	19.1	19.0	0	20.0
	64QAM	1	0	22.2	22.2	22.0	0	22.9	19.3	19.3	19.1	0	20.0
		1	49	22.2	22.4	22.1	0	22.9	19.1	19.3	19.1	0	20.0
		1	99	22.2	22.2	21.9	0	22.9	19.3	19.3	19.0	0	20.0
		50	0	21.9	21.9	21.8	0.4	22.5	19.1	19.0	19.0	0	20.0
		50	24	22.0	21.9	21.8	0.4	22.5	19.2	19.0	19.0	0	20.0
		50	50	22.0	21.9	21.7	0.4	22.5	19.1	19.0	18.9	0	20.0
		100	0	22.0	21.9	21.8	0.4	22.5	19.2	19.0	19.0	0	20.0
	256QAM	1	0	20.0	19.9	20.0	2.4	20.5	19.2	19.2	19.1	0	20.0
		1	49	20.1	20.0	19.9	2.4	20.5	19.3	19.2	19.1	0	20.0
		1	99	20.1	20.0	19.9	2.4	20.5	19.4	19.3	19.1	0	20.0
		50	0	19.9	19.9	19.8	2.4	20.5	19.1	19.1	19.0	0	20.0
		50	24	20.0	19.9	19.8	2.4	20.5	19.2	19.1	19.0	0	20.0
		50	50	20.0	19.9	19.7	2.4	20.5	19.2	19.1	19.0	0	20.0
		100	0	20.0	19.9	19.8	2.4	20.5	19.2	19.0	19.0	0	20.0

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				132047	132322	132597	MPR	Max Power	132047	132322	132597	MPR	Max Power
				1717.5 MHz	1745 MHz	1772.5 MHz			1717.5 MHz	1745 MHz	1772.5 MHz		
15	QPSK	1	0	22.0	21.9	21.7	0	22.9	19.1	19.0	18.9	0	20.0
		1	37	22.0	22.0	21.7	0	22.9	19.0	19.0	18.8	0	20.0
		1	74	22.0	22.0	21.7	0	22.9	19.1	19.1	18.7	0	20.0
		36	0	22.0	21.9	21.8	0	22.9	19.1	19.0	19.0	0	20.0
		36	20	22.0	22.0	21.8	0	22.9	19.2	19.1	18.9	0	20.0
		36	39	22.0	21.9	21.8	0	22.9	19.2	19.1	18.9	0	20.0
		75	0	22.0	21.9	21.8	0	22.9	19.1	19.1	18.9	0	20.0
	16QAM	1	0	22.2	22.0	21.8	0	22.9	19.3	19.2	19.0	0	20.0
		1	37	22.2	22.0	21.8	0	22.9	19.2	19.3	19.1	0	20.0
		1	74	22.3	22.0	21.7	0	22.9	19.4	19.3	18.9	0	20.0
		36	0	22.0	22.0	21.8	0	22.9	19.1	19.1	19.0	0	20.0
		36	20	22.1	22.0	21.8	0	22.9	19.2	19.1	18.9	0	20.0
		36	39	22.0	21.9	21.8	0	22.9	19.1	19.1	19.0	0	20.0
		75	0	22.0	22.0	21.8	0	22.9	19.2	19.1	19.0	0	20.0
	64QAM	1	0	22.2	22.1	21.9	0	22.9	19.2	19.2	19.1	0	20.0
		1	37	22.3	22.2	21.9	0	22.9	19.2	19.1	19.0	0	20.0
		1	74	22.2	22.2	21.9	0	22.9	19.4	19.2	18.9	0	20.0
		36	0	21.9	21.8	21.7	0.4	22.5	19.1	19.1	19.0	0	20.0
		36	20	22.0	21.8	21.7	0.4	22.5	19.2	19.1	18.9	0	20.0
		36	39	22.0	21.8	21.7	0.4	22.5	19.2	19.0	18.9	0	20.0
		75	0	22.0	21.8	21.7	0.4	22.5	19.2	19.1	19.0	0	20.0
	256QAM	1	0	20.0	20.0	19.8	2.4	20.5	19.0	19.1	19.1	0	20.0
		1	37	20.1	20.0	19.8	2.4	20.5	19.2	19.0	19.0	0	20.0
		1	74	20.0	20.0	19.7	2.4	20.5	19.2	19.1	18.9	0	20.0
		36	0	19.9	19.8	19.7	2.4	20.5	19.1	19.0	19.0	0	20.0
		36	20	19.9	19.8	19.7	2.4	20.5	19.2	19.0	18.9	0	20.0
		36	39	19.9	19.8	19.7	2.4	20.5	19.2	19.1	18.9	0	20.0
		75	0	20.0	19.8	19.7	2.4	20.5	19.2	19.0	18.9	0	20.0

LTE Band 66 Measured Results (ANT3) (continued)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				132022	132322	132622	MPR	Max Power	132022	132322	132622	MPR	Max Power
				1715 MHz	1745 MHz	1775 MHz			1715 MHz	1745 MHz	1775 MHz		
10	QPSK	1	0	22.1	22.1	21.9	0	22.9	19.3	19.2	19.1	0	20.0
		1	25	22.1	22.1	21.9	0	22.9	19.3	19.3	19.0	0	20.0
		1	49	22.1	22.1	21.9	0	22.9	19.3	19.2	19.0	0	20.0
		25	0	22.1	22.0	21.9	0	22.9	19.2	19.2	19.1	0	20.0
		25	12	22.2	22.1	22.0	0	22.9	19.4	19.2	19.1	0	20.0
		25	25	22.2	22.1	21.9	0	22.9	19.3	19.3	19.1	0	20.0
		50	0	22.2	22.0	21.9	0	22.9	19.3	19.2	19.1	0	20.0
	16QAM	1	0	22.3	22.3	22.0	0	22.9	19.5	19.3	19.2	0	20.0
		1	25	22.2	22.3	22.1	0	22.9	19.4	19.3	19.1	0	20.0
		1	49	22.3	22.2	22.0	0	22.9	19.3	19.4	19.2	0	20.0
		25	0	22.1	22.1	22.0	0	22.9	19.3	19.2	19.1	0	20.0
		25	12	22.2	22.1	22.0	0	22.9	19.3	19.2	19.1	0	20.0
		25	25	22.2	22.1	22.0	0	22.9	19.3	19.2	19.1	0	20.0
		50	0	22.2	22.1	21.9	0	22.9	19.3	19.2	19.0	0	20.0
	64QAM	1	0	22.3	22.3	22.1	0	22.9	19.4	19.3	19.3	0	20.0
		1	25	22.3	22.3	22.2	0	22.9	19.4	19.5	19.2	0	20.0
		1	49	22.3	22.2	22.1	0	22.9	19.4	19.5	19.1	0	20.0
		25	0	22.0	22.0	21.9	0.4	22.5	19.3	19.2	19.1	0	20.0
		25	12	22.2	22.0	21.9	0.4	22.5	19.4	19.3	19.1	0	20.0
		25	25	22.1	22.0	21.9	0.4	22.5	19.3	19.2	19.1	0	20.0
		50	0	22.1	22.0	21.9	0.4	22.5	19.3	19.2	19.1	0	20.0
	256QAM	1	0	20.1	20.1	19.9	2.4	20.5	19.3	19.3	19.2	0	20.0
		1	25	20.1	20.2	20.0	2.4	20.5	19.4	19.5	19.1	0	20.0
		1	49	20.1	20.1	19.9	2.4	20.5	19.4	19.3	19.1	0	20.0
		25	0	20.0	19.9	19.8	2.4	20.5	19.2	19.2	19.1	0	20.0
		25	12	20.1	19.9	19.9	2.4	20.5	19.3	19.2	19.1	0	20.0
		25	25	20.1	19.9	19.8	2.4	20.5	19.3	19.2	19.1	0	20.0
		50	0	20.1	19.9	19.8	2.4	20.5	19.3	19.1	19.0	0	20.0

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				131997	132322	132647	MPR	Max Power	131997	132322	132647	MPR	Max Power
				1712.5 MHz	1745 MHz	1777.5 MHz			1712.5 MHz	1745 MHz	1777.5 MHz		
5	QPSK	1	0	22.1	22.1	21.9	0	22.9	19.2	19.2	19.0	0	20.0
		1	12	22.2	22.2	22.0	0	22.9	19.3	19.2	19.1	0	20.0
		1	24	22.2	22.1	21.9	0	22.9	19.3	19.2	19.0	0	20.0
		12	0	22.2	22.1	21.9	0	22.9	19.3	19.2	19.1	0	20.0
		12	7	22.2	22.1	22.0	0	22.9	19.4	19.2	19.1	0	20.0
		12	13	22.2	22.1	21.9	0	22.9	19.3	19.2	19.1	0	20.0
		25	0	22.2	22.1	21.9	0	22.9	19.3	19.2	19.0	0	20.0
	16QAM	1	0	22.3	22.3	22.1	0	22.9	19.3	19.4	19.2	0	20.0
		1	12	22.5	22.4	22.2	0	22.9	19.7	19.3	19.2	0	20.0
		1	24	22.4	22.3	22.1	0	22.9	19.4	19.4	19.2	0	20.0
		12	0	22.2	22.1	21.9	0	22.9	19.4	19.1	19.0	0	20.0
		12	7	22.2	22.1	22.0	0	22.9	19.4	19.1	19.1	0	20.0
		12	13	22.2	22.1	21.9	0	22.9	19.4	19.1	19.1	0	20.0
		25	0	22.2	22.1	21.9	0	22.9	19.3	19.2	19.1	0	20.0
	64QAM	1	0	22.1	22.1	22.1	0	22.9	19.4	19.3	19.1	0	20.0
		1	12	22.2	22.2	22.1	0	22.9	19.4	19.4	19.1	0	20.0
		1	24	22.2	22.1	22.0	0	22.9	19.4	19.3	19.1	0	20.0
		12	0	22.1	22.0	21.8	0.4	22.5	19.3	19.2	19.1	0	20.0
		12	7	22.2	22.0	21.9	0.4	22.5	19.4	19.2	19.1	0	20.0
		12	13	22.1	22.0	21.8	0.4	22.5	19.4	19.2	19.1	0	20.0
		25	0	22.1	22.0	21.8	0.4	22.5	19.3	19.2	19.1	0	20.0
	256QAM	1	0	20.1	20.1	19.9	2.4	20.5	19.3	19.3	19.1	0	20.0
		1	12	20.3	20.3	19.9	2.4	20.5	19.4	19.4	19.2	0	20.0
		1	24	20.2	20.0	19.9	2.4	20.5	19.4	19.2	19.0	0	20.0
		12	0	20.1	20.0	19.8	2.4	20.5	19.3	19.1	19.0	0	20.0
		12	7	20.1	19.9	19.8	2.4	20.5	19.3	19.2	19.1	0	20.0
		12	13	20.1	20.0	19.8	2.4	20.5	19.3	19.2	19.0	0	20.0
		25	0	20.1	20.0	19.8	2.4	20.5	19.3	19.2	19.0	0	20.0

LTE Band 66 Measured Results (ANT3) (continued)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				131987	132322	132657	MPR	Max Power	131987	132322	132657	MPR	Max Power
				1711.5 MHz	1745 MHz	1778.5 MHz			1711.5 MHz	1745 MHz	1778.5 MHz		
3	QPSK	1	0	22.1	22.0	21.8	0	22.9	19.2	19.1	18.9	0	20.0
		1	8	22.2	22.2	21.9	0	22.9	19.3	19.2	19.0	0	20.0
		1	14	22.1	22.1	21.9	0	22.9	19.3	19.1	18.9	0	20.0
		8	0	22.2	22.0	21.9	0	22.9	19.3	19.1	19.0	0	20.0
		8	4	22.2	22.2	21.9	0	22.9	19.3	19.3	19.0	0	20.0
		8	7	22.2	22.2	21.9	0	22.9	19.3	19.3	19.0	0	20.0
		15	0	22.1	22.0	21.9	0	22.9	19.3	19.1	19.0	0	20.0
	16QAM	1	0	22.2	22.2	21.9	0	22.9	19.4	19.3	19.0	0	20.0
		1	8	22.4	22.3	22.1	0	22.9	19.4	19.4	19.1	0	20.0
		1	14	22.2	22.2	22.0	0	22.9	19.3	19.3	19.1	0	20.0
		8	0	22.2	22.1	21.9	0	22.9	19.3	19.2	19.0	0	20.0
		8	4	22.2	22.2	22.0	0	22.9	19.4	19.3	19.0	0	20.0
		8	7	22.2	22.2	22.0	0	22.9	19.4	19.4	19.1	0	20.0
		15	0	22.1	22.1	21.9	0	22.9	19.3	19.1	19.0	0	20.0
	64QAM	1	0	22.4	22.3	22.1	0	22.9	19.5	19.5	19.1	0	20.0
		1	8	22.5	22.4	22.1	0	22.9	19.6	19.5	19.3	0	20.0
		1	14	22.4	22.3	22.1	0	22.9	19.6	19.5	19.2	0	20.0
		8	0	22.1	22.0	21.9	0.4	22.5	19.3	19.2	19.0	0	20.0
		8	4	22.1	22.1	21.9	0.4	22.5	19.4	19.3	19.1	0	20.0
		8	7	22.1	22.1	21.9	0.4	22.5	19.3	19.3	19.1	0	20.0
		15	0	22.1	22.0	21.8	0.4	22.5	19.3	19.2	19.0	0	20.0
	256QAM	1	0	20.0	20.0	19.8	2.4	20.5	19.2	19.2	19.1	0	20.0
		1	8	20.2	20.2	20.0	2.4	20.5	19.4	19.3	19.0	0	20.0
		1	14	20.2	20.1	19.9	2.4	20.5	19.4	19.2	19.3	0	20.0
		8	0	20.1	20.0	19.8	2.4	20.5	19.3	19.2	19.0	0	20.0
		8	4	20.1	20.1	19.9	2.4	20.5	19.3	19.3	19.0	0	20.0
		8	7	20.1	20.1	19.9	2.4	20.5	19.3	19.3	19.1	0	20.0
		15	0	20.1	19.9	19.8	2.4	20.5	19.3	19.2	19.0	0	20.0

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				131979	132322	132665	MPR	Max Power	131979	132322	132665	MPR	Max Power
				1710.7 MHz	1745 MHz	1779.3 MHz			1710.7 MHz	1745 MHz	1779.3 MHz		
1.4	QPSK	1	0	22.1	22.0	21.8	0	22.9	19.1	19.2	19.0	0	20.0
		1	3	22.2	22.1	21.9	0	22.9	19.2	19.2	18.9	0	20.0
		1	5	22.1	22.1	21.9	0	22.9	19.1	19.1	19.0	0	20.0
		3	0	22.1	22.0	21.8	0	22.9	19.1	19.1	18.9	0	20.0
		3	1	22.1	22.1	21.8	0	22.9	19.2	19.2	18.9	0	20.0
		3	3	22.1	22.1	21.9	0	22.9	19.2	19.1	18.9	0	20.0
		6	0	22.1	22.1	21.8	0	22.9	19.1	19.1	19.0	0	20.0
	16QAM	1	0	22.4	22.2	22.0	0	22.9	19.3	19.2	19.1	0	20.0
		1	3	22.4	22.3	22.0	0	22.9	19.3	19.3	19.1	0	20.0
		1	5	22.3	22.1	22.0	0	22.9	19.2	19.4	19.1	0	20.0
		3	0	22.2	22.2	21.9	0	22.9	19.2	19.2	19.0	0	20.0
		3	1	22.1	22.2	22.0	0	22.9	19.2	19.2	19.0	0	20.0
		3	3	22.2	22.2	22.0	0	22.9	19.2	19.1	19.2	0	20.0
		6	0	22.2	22.1	21.8	0	22.9	19.2	19.1	19.0	0	20.0
	64QAM	1	0	22.3	22.2	22.1	0	22.9	19.5	19.2	18.9	0	20.0
		1	3	22.3	22.3	22.1	0	22.9	19.4	19.2	19.1	0	20.0
		1	5	22.4	22.3	22.1	0	22.9	19.4	19.2	19.1	0	20.0
		3	0	22.2	22.2	22.0	0	22.9	19.2	19.2	19.0	0	20.0
		3	1	22.2	22.2	22.0	0	22.9	19.3	19.2	19.0	0	20.0
		3	3	22.2	22.2	22.0	0	22.9	19.2	19.2	19.0	0	20.0
		6	0	22.1	22.0	21.7	0.4	22.5	19.1	19.2	19.0	0	20.0
	256QAM	1	0	20.2	20.1	19.9	2.4	20.5	19.1	19.2	19.2	0	20.0
		1	3	20.1	20.1	19.9	2.4	20.5	19.2	19.2	19.1	0	20.0
		1	5	20.1	20.1	19.9	2.4	20.5	19.1	19.4	19.0	0	20.0
		3	0	20.1	20.0	19.9	2.4	20.5	19.1	19.2	19.1	0	20.0
		3	1	20.1	20.0	19.9	2.4	20.5	19.1	19.1	19.0	0	20.0
		3	3	20.1	20.0	19.9	2.4	20.5	19.1	19.2	19.0	0	20.0
		6	0	20.1	19.8	19.7	2.4	20.5	19.2	19.2	18.9	0	20.0

LTE Band 66 Measured Results (ANT4)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				132072	132322	132572	MPR	Max Power	132072	132322	132572	MPR	Max Power
				1720 MHz	1745 MHz	1770 MHz			1720 MHz	1745 MHz	1770 MHz		
20	QPSK	1	0	18.2	18.0	17.9	0	18.7	18.7	18.6	18.5	0	20.0
		1	49	18.1	17.9	18.0	0	18.7	18.6	18.6	18.4	0	20.0
		1	99	18.1	18.0	17.9	0	18.7	18.6	18.6	18.3	0	20.0
		50	0	18.2	18.0	17.9	0	18.7	18.6	18.6	18.6	0	20.0
		50	24	18.2	18.0	17.9	0	18.7	18.7	18.7	18.5	0	20.0
		50	50	18.1	18.0	18.0	0	18.7	18.6	18.6	18.5	0	20.0
		100	0	18.1	18.0	17.9	0	18.7	18.6	18.6	18.5	0	20.0
	16QAM	1	0	18.3	18.3	18.2	0	18.7	19.1	19.1	18.9	0	20.0
		1	49	18.3	18.4	18.3	0	18.7	19.0	19.1	18.8	0	20.0
		1	99	18.3	18.2	18.0	0	18.7	19.1	19.0	18.7	0	20.0
		50	0	17.9	18.0	17.9	0	18.7	18.6	18.7	18.6	0	20.0
		50	24	18.0	18.0	17.9	0	18.7	18.7	18.7	18.5	0	20.0
		50	50	18.0	18.0	17.8	0	18.7	18.7	18.7	18.5	0	20.0
		100	0	18.0	18.0	17.9	0	18.7	18.7	18.7	18.5	0	20.0
	64QAM	1	0	18.1	18.3	18.1	0	18.7	18.9	19.0	18.7	0	20.0
		1	49	18.1	18.3	18.0	0	18.7	18.9	18.9	18.7	0	20.0
		1	99	18.1	18.1	17.8	0	18.7	18.9	18.8	18.5	0	20.0
		50	0	17.9	18.0	17.9	0	18.7	18.6	18.7	18.6	0	20.0
		50	24	18.0	18.0	17.9	0	18.7	18.7	18.7	18.5	0	20.0
		50	50	18.0	18.0	17.8	0	18.7	18.6	18.7	18.5	0	20.0
		100	0	18.0	18.0	17.9	0	18.7	18.7	18.7	18.6	0	20.0
	256QAM	1	0	18.1	18.2	18.1	0	18.7	18.7	18.9	18.8	0	20.0
		1	49	18.0	18.2	18.0	0	18.7	18.8	18.9	18.7	0	20.0
		1	99	18.1	18.1	17.9	0	18.7	18.8	18.8	18.6	0	20.0
		50	0	17.9	18.0	17.9	0	18.7	18.6	18.7	18.6	0	20.0
		50	24	18.0	18.0	17.9	0	18.7	18.6	18.7	18.6	0	20.0
		50	50	18.0	18.0	17.8	0	18.7	18.6	18.7	18.5	0	20.0
		100	0	18.0	18.0	17.9	0	18.7	18.7	18.7	18.6	0	20.0

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				132047	132322	132597	MPR	Max Power	132047	132322	132597	MPR	Max Power
				1717.5 MHz	1745 MHz	1772.5 MHz			1717.5 MHz	1745 MHz	1772.5 MHz		
15	QPSK	1	0	17.9	18.0	17.8	0	18.7	18.5	18.7	18.5	0	20.0
		1	37	17.9	18.0	17.8	0	18.7	18.6	18.6	18.5	0	20.0
		1	74	17.9	17.9	17.7	0	18.7	18.6	18.6	18.3	0	20.0
		36	0	17.9	18.0	17.9	0	18.7	18.6	18.7	18.5	0	20.0
		36	20	18.0	18.0	17.8	0	18.7	18.6	18.7	18.5	0	20.0
		36	39	17.9	18.0	17.8	0	18.7	18.6	18.6	18.5	0	20.0
		75	0	18.0	18.0	17.8	0	18.7	18.6	18.6	18.5	0	20.0
	16QAM	1	0	18.2	18.3	18.1	0	18.7	18.8	19.0	18.9	0	20.0
		1	37	18.2	18.3	18.1	0	18.7	18.9	19.0	18.9	0	20.0
		1	74	18.2	18.3	18.0	0	18.7	18.9	18.9	18.7	0	20.0
		36	0	17.9	18.0	17.9	0	18.7	18.6	18.7	18.6	0	20.0
		36	20	18.0	18.0	17.9	0	18.7	18.6	18.6	18.5	0	20.0
		36	39	18.0	18.0	17.9	0	18.7	18.6	18.6	18.5	0	20.0
		75	0	18.0	18.0	17.9	0	18.7	18.6	18.6	18.5	0	20.0
	64QAM	1	0	18.1	18.3	18.1	0	18.7	18.8	18.9	18.7	0	20.0
		1	37	18.1	18.3	18.1	0	18.7	18.9	18.9	18.6	0	20.0
		1	74	18.2	18.2	18.0	0	18.7	18.8	18.9	18.6	0	20.0
		36	0	17.9	18.0	17.9	0	18.7	18.6	18.7	18.6	0	20.0
		36	20	18.0	18.0	17.9	0	18.7	18.6	18.6	18.5	0	20.0
		36	39	18.0	18.0	17.9	0	18.7	18.6	18.6	18.5	0	20.0
		75	0	18.0	18.0	17.9	0	18.7	18.6	18.6	18.6	0	20.0
	256QAM	1	0	18.0	18.2	17.9	0	18.7	18.6	18.8	18.7	0	20.0
		1	37	18.1	18.2	17.9	0	18.7	18.7	18.9	18.6	0	20.0
		1	74	18.1	18.0	17.9	0	18.7	18.7	18.7	18.6	0	20.0
		36	0	17.9	18.0	17.9	0	18.7	18.5	18.7	18.6	0	20.0
		36	20	18.0	18.0	17.9	0	18.7	18.6	18.7	18.6	0	20.0
		36	39	18.0	17.9	17.9	0	18.7	18.6	18.6	18.5	0	20.0
		75	0	18.0	18.0	17.9	0	18.7	18.6	18.7	18.5	0	20.0

LTE Band 66 Measured Results (ANT4) (continued)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				132022	132322	132622	MPR	Max Power	132022	132322	132622	MPR	Max Power
				1715 MHz	1745 MHz	1775 MHz			1715 MHz	1745 MHz	1775 MHz		
10	QPSK	1	0	18.0	18.1	18.0	0	18.7	18.8	18.8	18.7	0	20.0
		1	25	18.1	18.2	18.0	0	18.7	18.8	18.9	18.6	0	20.0
		1	49	18.0	18.1	17.9	0	18.7	18.7	18.8	18.6	0	20.0
		25	0	18.0	18.1	18.0	0	18.7	18.7	18.8	18.6	0	20.0
		25	12	18.1	18.1	18.0	0	18.7	18.8	18.8	18.7	0	20.0
		25	25	18.1	18.1	17.9	0	18.7	18.8	18.8	18.6	0	20.0
		50	0	18.1	18.1	18.0	0	18.7	18.8	18.8	18.6	0	20.0
	16QAM	1	0	18.3	18.4	18.2	0	18.7	19.0	19.1	18.9	0	20.0
		1	25	18.4	18.5	18.2	0	18.7	19.0	19.2	18.9	0	20.0
		1	49	18.3	18.4	18.1	0	18.7	19.0	19.0	18.8	0	20.0
		25	0	18.0	18.1	18.0	0	18.7	18.7	18.8	18.7	0	20.0
		25	12	18.1	18.1	18.0	0	18.7	18.8	18.8	18.7	0	20.0
		25	25	18.1	18.1	18.0	0	18.7	18.8	18.8	18.6	0	20.0
		50	0	18.1	18.1	18.0	0	18.7	18.8	18.8	18.6	0	20.0
	64QAM	1	0	18.2	18.4	18.1	0	18.7	19.0	19.0	18.8	0	20.0
		1	25	18.3	18.5	18.1	0	18.7	19.0	19.1	18.8	0	20.0
		1	49	18.2	18.3	18.0	0	18.7	18.9	18.9	18.7	0	20.0
		25	0	18.0	18.1	18.0	0	18.7	18.7	18.8	18.6	0	20.0
		25	12	18.1	18.1	18.0	0	18.7	18.8	18.8	18.6	0	20.0
		25	25	18.1	18.1	18.0	0	18.7	18.8	18.8	18.6	0	20.0
		50	0	18.1	18.1	18.0	0	18.7	18.8	18.8	18.6	0	20.0
	256QAM	1	0	18.1	18.3	18.1	0	18.7	18.8	18.8	18.8	0	20.0
		1	25	18.2	18.4	18.1	0	18.7	18.9	19.0	18.8	0	20.0
		1	49	18.1	18.2	18.0	0	18.7	18.9	18.8	18.7	0	20.0
		25	0	18.0	18.1	18.0	0	18.7	18.7	18.8	18.7	0	20.0
		25	12	18.1	18.1	18.0	0	18.7	18.8	18.8	18.7	0	20.0
		25	25	18.1	18.1	17.9	0	18.7	18.8	18.8	18.6	0	20.0
		50	0	18.1	18.1	17.9	0	18.7	18.8	18.8	18.6	0	20.0

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				131997	132322	132647	MPR	Max Power	131997	132322	132647	MPR	Max Power
				1712.5 MHz	1745 MHz	1777.5 MHz			1712.5 MHz	1745 MHz	1777.5 MHz		
5	QPSK	1	0	17.9	18.1	17.9	0	18.7	18.6	18.7	18.5	0	20.0
		1	12	18.1	18.2	18.0	0	18.7	18.8	18.9	18.6	0	20.0
		1	24	18.0	18.1	17.9	0	18.7	18.7	18.7	18.5	0	20.0
		12	0	18.0	18.1	17.9	0	18.7	18.7	18.8	18.6	0	20.0
		12	7	18.1	18.1	18.0	0	18.7	18.8	18.8	18.6	0	20.0
		12	13	18.1	18.2	18.0	0	18.7	18.7	18.9	18.6	0	20.0
		25	0	18.0	18.1	17.9	0	18.7	18.8	18.8	18.6	0	20.0
	16QAM	1	0	18.4	18.4	18.2	0	18.7	19.1	19.1	18.9	0	20.0
		1	12	18.4	18.6	18.3	0	18.7	19.1	19.2	18.9	0	20.0
		1	24	18.4	18.4	18.2	0	18.7	19.1	19.1	18.9	0	20.0
		12	0	18.1	18.1	18.0	0	18.7	18.7	18.8	18.7	0	20.0
		12	7	18.1	18.2	18.0	0	18.7	18.8	18.8	18.7	0	20.0
		12	13	18.1	18.2	18.0	0	18.7	18.7	18.9	18.6	0	20.0
		25	0	18.1	18.1	18.0	0	18.7	18.8	18.8	18.6	0	20.0
	64QAM	1	0	18.0	18.2	18.0	0	18.7	18.8	18.9	18.6	0	20.0
		1	12	18.1	18.3	18.0	0	18.7	18.9	19.0	18.7	0	20.0
		1	24	18.0	18.1	18.0	0	18.7	18.8	18.9	18.6	0	20.0
		12	0	18.0	18.1	18.0	0	18.7	18.7	18.8	18.6	0	20.0
		12	7	18.1	18.2	18.0	0	18.7	18.8	18.8	18.7	0	20.0
		12	13	18.1	18.2	18.0	0	18.7	18.8	18.8	18.6	0	20.0
		25	0	18.1	18.1	18.0	0	18.7	18.7	18.8	18.6	0	20.0
	256QAM	1	0	18.1	18.2	18.0	0	18.7	18.8	18.8	18.7	0	20.0
		1	12	18.3	18.3	18.0	0	18.7	18.9	19.0	18.7	0	20.0
		1	24	18.2	18.1	17.9	0	18.7	18.8	18.8	18.6	0	20.0
		12	0	18.0	18.1	17.9	0	18.7	18.7	18.8	18.6	0	20.0
		12	7	18.1	18.1	18.0	0	18.7	18.8	18.8	18.6	0	20.0
		12	13	18.1	18.2	17.9	0	18.7	18.8	18.9	18.6	0	20.0
		25	0	18.1	18.1	17.9	0	18.7	18.8	18.8	18.6	0	20.0

LTE Band 66 Measured Results (ANT4) (continued)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				131987	132322	132657	MPR	Max Power	131987	132322	132657	MPR	Max Power
				1711.5 MHz	1745 MHz	1778.5 MHz			1711.5 MHz	1745 MHz	1778.5 MHz		
3	QPSK	1	0	18.0	18.1	17.9	0	18.7	18.7	18.8	18.6	0	20.0
		1	8	18.1	18.2	18.0	0	18.7	18.8	18.9	18.7	0	20.0
		1	14	18.0	18.1	17.9	0	18.7	18.7	18.8	18.6	0	20.0
		8	0	18.0	18.1	17.9	0	18.7	18.7	18.7	18.6	0	20.0
		8	4	18.1	18.1	18.0	0	18.7	18.8	18.8	18.7	0	20.0
		8	7	18.1	18.2	17.9	0	18.7	18.7	18.9	18.7	0	20.0
		15	0	18.1	18.1	17.9	0	18.7	18.7	18.7	18.7	0	20.0
	16QAM	1	0	18.2	18.3	18.1	0	18.7	18.9	19.0	18.8	0	20.0
		1	8	18.3	18.5	18.2	0	18.7	19.0	19.2	18.9	0	20.0
		1	14	18.3	18.4	18.2	0	18.7	18.9	19.1	18.8	0	20.0
		8	0	18.1	18.1	17.9	0	18.7	18.7	18.8	18.6	0	20.0
		8	4	18.1	18.2	18.0	0	18.7	18.8	18.9	18.7	0	20.0
		8	7	18.2	18.2	18.0	0	18.7	18.8	18.9	18.7	0	20.0
		15	0	18.1	18.1	17.9	0	18.7	18.7	18.8	18.6	0	20.0
	64QAM	1	0	18.2	18.3	18.1	0	18.7	18.9	19.0	18.8	0	20.0
		1	8	18.2	18.4	18.1	0	18.7	19.0	19.0	18.8	0	20.0
		1	14	18.1	18.4	18.1	0	18.7	18.9	19.0	18.8	0	20.0
		8	0	18.1	18.1	17.9	0	18.7	18.7	18.8	18.6	0	20.0
		8	4	18.1	18.1	18.0	0	18.7	18.7	18.8	18.7	0	20.0
		8	7	18.1	18.2	18.0	0	18.7	18.7	18.9	18.7	0	20.0
		15	0	18.1	18.1	17.9	0	18.7	18.7	18.8	18.6	0	20.0
	256QAM	1	0	18.0	18.1	18.0	0	18.7	18.7	18.9	18.6	0	20.0
		1	8	18.3	18.3	18.1	0	18.7	18.9	19.1	18.7	0	20.0
		1	14	18.1	18.1	18.0	0	18.7	18.8	18.9	18.6	0	20.0
		8	0	18.1	18.1	17.9	0	18.7	18.8	18.7	18.6	0	20.0
		8	4	18.1	18.1	17.9	0	18.7	18.8	18.8	18.6	0	20.0
		8	7	18.1	18.2	17.9	0	18.7	18.8	18.9	18.6	0	20.0
		15	0	18.1	18.1	17.9	0	18.7	18.7	18.8	18.6	0	20.0

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				131979	132322	132665	MPR	Max Power	131979	132322	132665	MPR	Max Power
				1710.7 MHz	1745 MHz	1779.3 MHz			1710.7 MHz	1745 MHz	1779.3 MHz		
1.4	QPSK	1	0	18.1	18.2	17.9	0	18.7	18.7	18.8	18.6	0	20.0
		1	3	18.1	18.2	17.9	0	18.7	18.8	18.9	18.6	0	20.0
		1	5	18.1	18.1	17.9	0	18.7	18.7	18.8	18.6	0	20.0
		3	0	18.0	18.2	17.9	0	18.7	18.7	18.9	18.6	0	20.0
		3	1	18.0	18.1	17.9	0	18.7	18.7	18.8	18.6	0	20.0
		3	3	18.0	18.1	17.9	0	18.7	18.7	18.8	18.6	0	20.0
		6	0	18.0	18.2	17.9	0	18.7	18.7	18.8	18.6	0	20.0
	16QAM	1	0	18.3	18.4	18.1	0	18.7	19.0	19.1	18.7	0	20.0
		1	3	18.3	18.5	18.2	0	18.7	19.0	19.1	18.8	0	20.0
		1	5	18.3	18.5	18.1	0	18.7	19.0	19.2	18.8	0	20.0
		3	0	18.2	18.3	18.0	0	18.7	18.9	18.9	18.6	0	20.0
		3	1	18.2	18.3	18.1	0	18.7	18.9	19.0	18.7	0	20.0
		3	3	18.2	18.3	18.1	0	18.7	18.9	19.0	18.7	0	20.0
		6	0	18.2	18.2	18.0	0	18.7	18.8	19.0	18.7	0	20.0
	64QAM	1	0	18.1	18.5	18.1	0	18.7	18.8	19.1	18.7	0	20.0
		1	3	18.2	18.5	18.2	0	18.7	18.9	19.1	18.8	0	20.0
		1	5	18.1	18.3	18.1	0	18.7	18.9	19.0	18.7	0	20.0
		3	0	18.2	18.2	17.9	0	18.7	18.8	18.9	18.6	0	20.0
		3	1	18.2	18.3	17.9	0	18.7	18.8	18.9	18.6	0	20.0
		3	3	18.2	18.2	17.9	0	18.7	18.8	18.9	18.6	0	20.0
		6	0	18.1	18.2	17.9	0	18.7	18.7	18.9	18.6	0	20.0
	256QAM	1	0	18.0	18.3	17.9	0	18.7	18.8	18.9	18.7	0	20.0
		1	3	18.2	18.3	18.0	0	18.7	18.9	18.9	18.7	0	20.0
		1	5	18.0	18.1	18.0	0	18.7	18.9	18.9	18.7	0	20.0
		3	0	18.0	18.2	17.9	0	18.7	18.7	18.9	18.6	0	20.0
		3	1	18.1	18.2	17.9	0	18.7	18.8	18.9	18.7	0	20.0
		3	3	18.1	18.2	17.9	0	18.7	18.7	18.9	18.6	0	20.0
		6	0	18.0	18.2	17.8	0	18.7	18.7	19.0	18.5	0	20.0

LTE Band 71 Measured Results (ANT1)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)			Mode B Power (dBm)		
				133297 / 680.5 MHz	MPR	Max Power	133297 / 680.5 MHz	MPR	Max Power
20	QPSK	1	0	24.8	0	25.7	24.8	0	25.7
		1	49	24.9	0	25.7	24.9	0	25.7
		1	99	24.8	0	25.7	24.8	0	25.7
		50	0	24.2	1	24.7	24.2	1	24.7
		50	24	24.3	1	24.7	24.3	1	24.7
		50	50	24.3	1	24.7	24.3	1	24.7
		100	0	24.3	1	24.7	24.3	1	24.7
	16QAM	1	0	23.9	1	24.7	23.9	1	24.7
		1	49	24.1	1	24.7	24.1	1	24.7
		1	99	24.0	1	24.7	24.0	1	24.7
		50	0	22.8	2	23.7	22.8	2	23.7
		50	24	22.9	2	23.7	22.9	2	23.7
		50	50	22.9	2	23.7	22.9	2	23.7
		100	0	22.9	2	23.7	22.9	2	23.7
	64QAM	1	0	22.8	2	23.7	22.8	2	23.7
		1	49	22.9	2	23.7	22.9	2	23.7
		1	99	23.0	2	23.7	23.0	2	23.7
		50	0	21.8	3	22.7	21.8	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	19.9	5	20.7	19.9	5	20.7
		1	49	20.0	5	20.7	20.0	5	20.7
		1	99	20.2	5	20.7	20.2	5	20.7
		50	0	19.8	5	20.7	19.8	5	20.7
		50	24	19.8	5	20.7	19.8	5	20.7
		50	50	19.9	5	20.7	19.9	5	20.7
		100	0	19.8	5	20.7	19.8	5	20.7

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)			Mode B Power (dBm)		
				133297 / 680.5 MHz	MPR	Max Power	133297 / 680.5 MHz	MPR	Max Power
15	QPSK	1	0	24.3	0	25.7	24.3	0	25.7
		1	37	24.4	0	25.7	24.4	0	25.7
		1	74	24.4	0	25.7	24.4	0	25.7
		36	0	23.7	1	24.7	23.7	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	23.9	1	24.7	23.9	1	24.7
		1	37	24.0	1	24.7	24.0	1	24.7
		1	74	23.9	1	24.7	23.9	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	22.8	2	23.7	22.8	2	23.7
		75	0	22.8	2	23.7	22.8	2	23.7
	64QAM	1	0	22.8	2	23.7	22.8	2	23.7
		1	37	23.0	2	23.7	23.0	2	23.7
		1	74	22.9	2	23.7	22.9	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	19.7	5	20.7	19.7	5	20.7
		1	37	19.8	5	20.7	19.8	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	19.7	5	20.7	19.7	5	20.7
		36	39	19.8	5	20.7	19.8	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	Mode A Power (dBm)			Mode B Power (dBm)		
				133297	MPR	Max Power	133297	MPR	Max Power
				680.5 MHz			680.5 MHz		
10	QPSK	1	0	24.6	0	25.7	24.6	0	25.7
		1	25	24.6	0	25.7	24.6	0	25.7
		1	49	24.6	0	25.7	24.6	0	25.7
		25	0	23.9	1	24.7	23.9	1	24.7
		25	12	23.9	1	24.7	23.9	1	24.7
		25	25	23.9	1	24.7	23.9	1	24.7
		50	0	24.0	1	24.7	24.0	1	24.7
	16QAM	1	0	24.2	1	24.7	24.2	1	24.7
		1	25	24.2	1	24.7	24.2	1	24.7
		1	49	24.3	1	24.7	24.3	1	24.7
		25	0	22.9	2	23.7	22.9	2	23.7
		25	12	23.0	2	23.7	23.0	2	23.7
		25	25	23.0	2	23.7	23.0	2	23.7
		50	0	23.0	2	23.7	23.0	2	23.7
	64QAM	1	0	23.0	2	23.7	23.0	2	23.7
		1	25	23.1	2	23.7	23.1	2	23.7
		1	49	23.1	2	23.7	23.1	2	23.7
		25	0	21.9	3	22.7	21.9	3	22.7
		25	12	21.9	3	22.7	21.9	3	22.7
		25	25	22.0	3	22.7	22.0	3	22.7
		50	0	21.9	3	22.7	21.9	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	20.1	5	20.7	20.1	5	20.7
		25	0	19.9	5	20.7	19.9	5	20.7
		25	12	19.9	5	20.7	19.9	5	20.7
		25	25	20.0	5	20.7	20.0	5	20.7
		50	0	20.0	5	20.7	20.0	5	20.7

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				133147	133297	133447	MPR	Max Power	133147	133297	133447	MPR	Max Power
				665.5 MHz	680.5 MHz	695.5 MHz			665.5 MHz	680.5 MHz	695.5 MHz		
5	QPSK	1	0	24.5	24.5	24.6	0	25.7	24.5	24.5	24.6	0	25.7
		1	12	24.6	24.7	24.7	0	25.7	24.6	24.7	24.7	0	25.7
		1	24	24.5	24.6	24.6	0	25.7	24.5	24.6	24.6	0	25.7
		12	0	23.8	23.8	24.0	1	24.7	23.8	23.8	24.0	1	24.7
		12	7	23.9	23.8	24.0	1	24.7	23.9	23.8	24.0	1	24.7
		12	13	23.8	23.9	24.0	1	24.7	23.8	23.9	24.0	1	24.7
		25	0	23.8	23.9	24.0	1	24.7	23.8	23.9	24.0	1	24.7
	16QAM	1	0	24.1	24.2	24.3	1	24.7	24.1	24.2	24.3	1	24.7
		1	12	24.3	24.3	24.3	1	24.7	24.3	24.3	24.3	1	24.7
		1	24	24.1	24.2	24.2	1	24.7	24.1	24.2	24.2	1	24.7
		12	0	22.8	22.9	23.0	2	23.7	22.8	22.9	23.0	2	23.7
		12	7	22.9	22.9	23.0	2	23.7	22.9	22.9	23.0	2	23.7
		12	13	22.8	22.9	23.0	2	23.7	22.8	22.9	23.0	2	23.7
		25	0	22.8	22.9	23.0	2	23.7	22.8	22.9	23.0	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	12	22.9	23.1	23.1	2	23.7	22.9	23.1	23.1	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	21.8	21.8	22.0	3	22.7	21.8	21.8	22.0	3	22.7
		12	7	21.9	21.8	22.0	3	22.7	21.9	21.8	22.0	3	22.7
		12	13	21.9	21.9	22.0	3	22.7	21.9	21.9	22.0	3	22.7
		25	0	21.8	21.9	21.9	3	22.7	21.8	21.9	21.9	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	20.0	5	20.7	19.9	20.0	20.0	5	20.7
		12	0	19.8	19.8	19.9	5	20.7	19.8	19.8	19.9	5	20.7
		12	7	19.9	19.8	20.0	5	20.7	19.9	19.8	20.0	5	20.7
		12	13	19.8	19.9	19.9	5	20.7	19.8	19.9	19.9	5	20.7
		25	0	19.8	19.9	19.9	5	20.7	19.8	19.9	19.9	5	20.7

LTE Band 71 Measured Results (ANT2)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)			Mode B Power (dBm)		
				133297 / 680.5 MHz	MPR	Max Power	133297 / 680.5 MHz	MPR	Max Power
20	QPSK	1	0	24.0	0	25.2	24.0	0	25.2
		1	49	24.0	0	25.2	24.0	0	25.2
		1	99	23.9	0	25.2	23.9	0	25.2
		50	0	23.3	1	24.2	23.3	1	24.2
		50	24	23.4	1	24.2	23.4	1	24.2
		50	50	23.3	1	24.2	23.3	1	24.2
		100	0	23.3	1	24.2	23.3	1	24.2
	16QAM	1	0	23.4	1	24.2	23.4	1	24.2
		1	49	23.7	1	24.2	23.7	1	24.2
		1	99	23.4	1	24.2	23.4	1	24.2
		50	0	22.3	2	23.2	22.3	2	23.2
		50	24	22.4	2	23.2	22.4	2	23.2
		50	50	22.4	2	23.2	22.4	2	23.2
		100	0	22.4	2	23.2	22.4	2	23.2
	64QAM	1	0	22.4	2	23.2	22.4	2	23.2
		1	49	22.6	2	23.2	22.6	2	23.2
		1	99	22.6	2	23.2	22.6	2	23.2
		50	0	21.3	3	22.2	21.3	3	22.2
		50	24	21.4	3	22.2	21.4	3	22.2
		50	50	21.4	3	22.2	21.4	3	22.2
		100	0	21.4	3	22.2	21.4	3	22.2
	256QAM	1	0	19.5	5	20.2	19.5	5	20.2
		1	49	19.6	5	20.2	19.6	5	20.2
		1	99	19.6	5	20.2	19.6	5	20.2
		50	0	19.3	5	20.2	19.3	5	20.2
		50	24	19.4	5	20.2	19.4	5	20.2
		50	50	19.4	5	20.2	19.4	5	20.2
		100	0	19.4	5	20.2	19.4	5	20.2

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)			Mode B Power (dBm)		
				133297 / 680.5 MHz	MPR	Max Power	133297 / 680.5 MHz	MPR	Max Power
15	QPSK	1	0	23.9	0	25.2	23.9	0	25.2
		1	37	24.0	0	25.2	24.0	0	25.2
		1	74	24.0	0	25.2	24.0	0	25.2
		36	0	23.3	1	24.2	23.3	1	24.2
		36	20	23.3	1	24.2	23.3	1	24.2
		36	39	23.3	1	24.2	23.3	1	24.2
		75	0	23.4	1	24.2	23.4	1	24.2
	16QAM	1	0	23.4	1	24.2	23.4	1	24.2
		1	37	23.5	1	24.2	23.5	1	24.2
		1	74	23.5	1	24.2	23.5	1	24.2
		36	0	22.3	2	23.2	22.3	2	23.2
		36	20	22.3	2	23.2	22.3	2	23.2
		36	39	22.3	2	23.2	22.3	2	23.2
		75	0	22.4	2	23.2	22.4	2	23.2
	64QAM	1	0	22.4	2	23.2	22.4	2	23.2
		1	37	22.4	2	23.2	22.4	2	23.2
		1	74	22.4	2	23.2	22.4	2	23.2
		36	0	21.3	3	22.2	21.3	3	22.2
		36	20	21.3	3	22.2	21.3	3	22.2
		36	39	21.4	3	22.2	21.4	3	22.2
		75	0	21.4	3	22.2	21.4	3	22.2
	256QAM	1	0	19.4	5	20.2	19.4	5	20.2
		1	37	19.4	5	20.2	19.4	5	20.2
		1	74	19.6	5	20.2	19.6	5	20.2
		36	0	19.3	5	20.2	19.3	5	20.2
		36	20	19.3	5	20.2	19.3	5	20.2
		36	39	19.4	5	20.2	19.4	5	20.2
		75	0	19.4	5	20.2	19.4	5	20.2

LTE Band 71 Measured Results (ANT2) (continued)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)				Mode B Power (dBm)			
				133297	MPR	Max Power		133297	MPR	Max Power	
				680.5 MHz				680.5 MHz			
10	QPSK	1	0	24.2	0	25.2		24.2	0	25.2	
		1	25	24.1	0	25.2		24.1	0	25.2	
		1	49	24.2	0	25.2		24.2	0	25.2	
		25	0	23.4	1	24.2		23.4	1	24.2	
		25	12	23.5	1	24.2		23.5	1	24.2	
		25	25	23.5	1	24.2		23.5	1	24.2	
		50	0	23.5	1	24.2		23.5	1	24.2	
	16QAM	1	0	23.6	1	24.2		23.6	1	24.2	
		1	25	23.6	1	24.2		23.6	1	24.2	
		1	49	23.7	1	24.2		23.7	1	24.2	
		25	0	22.5	2	23.2		22.5	2	23.2	
		25	12	22.5	2	23.2		22.5	2	23.2	
		25	25	22.5	2	23.2		22.5	2	23.2	
		50	0	22.5	2	23.2		22.5	2	23.2	
	64QAM	1	0	22.6	2	23.2		22.6	2	23.2	
		1	25	22.6	2	23.2		22.6	2	23.2	
		1	49	22.6	2	23.2		22.6	2	23.2	
		25	0	21.5	3	22.2		21.5	3	22.2	
		25	12	21.5	3	22.2		21.5	3	22.2	
		25	25	21.5	3	22.2		21.5	3	22.2	
		50	0	21.5	3	22.2		21.5	3	22.2	
	256QAM	1	0	19.6	5	20.2		19.6	5	20.2	
		1	25	19.6	5	20.2		19.6	5	20.2	
		1	49	19.7	5	20.2		19.7	5	20.2	
		25	0	19.5	5	20.2		19.5	5	20.2	
		25	12	19.6	5	20.2		19.6	5	20.2	
		25	25	19.5	5	20.2		19.5	5	20.2	
		50	0	19.5	5	20.2		19.5	5	20.2	

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				133147	133297	133447	MPR	Max Power	133147	133297	133447	MPR	Max Power
				665.5 MHz	680.5 MHz	695.5 MHz			665.5 MHz	680.5 MHz	695.5 MHz		
5	QPSK	1	0	24.3	24.2	24.2	0	25.2	24.3	24.2	24.2	0	25.2
		1	12	24.4	24.3	24.3	0	25.2	24.4	24.3	24.3	0	25.2
		1	24	24.3	24.2	24.2	0	25.2	24.3	24.2	24.2	0	25.2
		12	0	23.6	23.5	23.5	1	24.2	23.6	23.5	23.5	1	24.2
		12	7	23.6	23.5	23.5	1	24.2	23.6	23.5	23.5	1	24.2
		12	13	23.6	23.6	23.5	1	24.2	23.6	23.6	23.5	1	24.2
		25	0	23.6	23.6	23.5	1	24.2	23.6	23.6	23.5	1	24.2
	16QAM	1	0	23.7	23.7	23.7	1	24.2	23.7	23.7	23.7	1	24.2
		1	12	23.8	23.8	23.8	1	24.2	23.8	23.8	23.8	1	24.2
		1	24	23.7	23.7	23.6	1	24.2	23.7	23.7	23.6	1	24.2
		12	0	22.5	22.5	22.5	2	23.2	22.5	22.5	22.5	2	23.2
		12	7	22.6	22.5	22.5	2	23.2	22.6	22.5	22.5	2	23.2
		12	13	22.6	22.5	22.5	2	23.2	22.6	22.5	22.5	2	23.2
		25	0	22.6	22.6	22.5	2	23.2	22.6	22.6	22.5	2	23.2
	64QAM	1	0	22.7	22.6	22.7	2	23.2	22.7	22.6	22.7	2	23.2
		1	12	22.8	22.7	22.7	2	23.2	22.8	22.7	22.7	2	23.2
		1	24	22.7	22.7	22.7	2	23.2	22.7	22.7	22.7	2	23.2
		12	0	21.5	21.5	21.6	3	22.2	21.5	21.5	21.6	3	22.2
		12	7	21.6	21.5	21.6	3	22.2	21.6	21.5	21.6	3	22.2
		12	13	21.6	21.6	21.6	3	22.2	21.6	21.6	21.6	3	22.2
		25	0	21.6	21.6	21.5	3	22.2	21.6	21.6	21.5	3	22.2
	256QAM	1	0	19.7	19.6	19.7	5	20.2	19.7	19.6	19.7	5	20.2
		1	12	19.7	19.7	19.7	5	20.2	19.7	19.7	19.7	5	20.2
		1	24	19.6	19.7	19.6	5	20.2	19.6	19.7	19.6	5	20.2
		12	0	19.5	19.5	19.6	5	20.2	19.5	19.5	19.6	5	20.2
		12	7	19.6	19.5	19.6	5	20.2	19.6	19.5	19.6	5	20.2
		12	13	19.6	19.5	19.5	5	20.2	19.6	19.5	19.5	5	20.2
		25	0	19.6	19.6	19.5	5	20.2	19.6	19.6	19.5	5	20.2

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

RF Air interface	Mode	Maximum Output Power (dBm)							
		ANT7		ANT8		ANT9		ANT4	
		Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B
CA_5B	QPSK	25.7	25.7	23.4	25.2				
CA_7C	QPSK	22.0	20.8	17.7	18.3	21.4	19.3	18.7	20.0
CA_41C (PC3)	QPSK	23.4	20.9	19.9	20.3	24.2	21.5	21.0	21.5
CA_41C (PC2)	QPSK	25.0	22.5	21.5	21.9	25.8	23.1	22.6	23.1
RF Air interface	Mode	Maximum Output Power (dBm)							
		ANT7		ANT8		ANT9		ANT4	
		Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B
CA_48C	QPSK	24.2	21.2	21.0	19.4	21.7	17.9	23.5	22.0

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

LTE CA_5B Measured Results

UL CA Combination	Antenna	Power Mode(s)	Modulation	PCC					SCC					Standalone Power		(PCC + SCC) UL CA Power		
				BW (MHz)	Channel	Frequency (MHz)	RB	Offset	BW (MHz)	Channel	Frequency (MHz)	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	20476	831.6	1	49	10	20575	841.5	1	0	25.7	24.7	25.7	24.7	0.0
CA_5B	ANT 1	Mode B	QPSK	10	20476	831.6	1	49	10	20575	841.5	1	0	25.7	24.6	25.7	24.7	0.0
CA_5B	ANT 2	Mode A	QPSK	10	20476	831.6	1	49	10	20575	841.5	1	0	23.4	22.3	23.4	22.2	-0.1
CA_5B	ANT 2	Mode B	QPSK	10	20476	831.6	1	49	10	20575	841.5	1	0	25.2	24.1	25.2	24.0	0.0

LTE CA_7C Measured Results

UL CA Combination	Antenna	Power Mode(s)	Modulation	PCC					SCC					Standalone Power		(PCC + SCC) UL CA Power		
				BW (MHz)	Channel	Frequency (MHz)	RB	Offset	BW (MHz)	Channel	Frequency (MHz)	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	21001	2525.1	1	99	20	21199	2544.9	1	0	22.0	21.0	22.0	21.0	0.0
CA_7C	ANT 1	Mode B	QPSK	20	21001	2525.1	1	99	20	21199	2544.9	1	0	20.8	19.8	20.8	19.8	0.1
CA_7C	ANT 2	Mode A	QPSK	20	21001	2525.1	1	99	20	21199	2544.9	1	0	17.7	16.4	17.7	16.5	0.1
CA_7C	ANT 2	Mode B	QPSK	20	21001	2525.1	1	99	20	21199	2544.9	1	0	18.3	17.0	18.3	17.1	0.1
CA_7C	ANT 2	Mode B	QPSK	20	21152	2540.2	1	99	20	21350	2560.0	1	0	18.3	17.0	18.3	17.1	0.1
CA_7C	ANT 3	Mode A	QPSK	20	21001	2525.1	1	99	20	21199	2544.9	1	0	21.4	20.3	21.4	20.3	0.0
CA_7C	ANT 3	Mode B	QPSK	20	21001	2525.1	1	99	20	21199	2544.9	1	0	19.3	18.1	19.3	18.2	0.1
CA_7C	ANT 4	Mode A	QPSK	20	21001	2525.1	1	99	20	21199	2544.9	1	0	18.7	17.5	18.7	17.6	0.1
CA_7C	ANT 4	Mode B	QPSK	20	20850	2510.0	1	99	20	21048	2529.8	1	0	20.0	18.9	20.0	19.0	0.1
CA_7C	ANT 4	Mode B	QPSK	20	21001	2525.1	1	99	20	21199	2544.9	1	0	20.0	19.0	20.0	19.0	0.0

LTE CA_41C (PC3) Measured Results

UL CA Combination	Antenna	Power Mode(s)	Modulation	PCC					SCC					Standalone Power		(PCC + SCC) UL CA Power		
				BW (MHz)	Channel	Frequency (MHz)	RB	Offset	BW (MHz)	Channel	Frequency (MHz)	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	40521	2583.1	1	99	20	40719	2602.9	1	0	23.4	22.5	23.4	22.4	-0.1
CA_41C	ANT 1	Mode B	QPSK	20	40521	2583.1	1	99	20	40719	2602.9	1	0	20.9	19.9	20.9	19.8	-0.1
CA_41C	ANT 2	Mode A	QPSK	20	40521	2583.1	1	99	20	40719	2602.9	1	0	19.9	18.6	19.9	18.6	0.0
CA_41C	ANT 2	Mode B	QPSK	20	40521	2583.1	1	99	20	40719	2602.9	1	0	20.3	18.9	20.3	18.9	0.0
CA_41C	ANT 2	Mode B	QPSK	20	41292	2660.2	1	99	20	41490	2680.0	1	0	20.3	18.9	20.3	18.8	0.0
CA_41C	ANT 3	Mode A	QPSK	20	40521	2583.1	1	99	20	40719	2602.9	1	0	24.2	23.2	24.2	23.2	0.0
CA_41C	ANT 3	Mode B	QPSK	20	40521	2583.1	1	99	20	40719	2602.9	1	0	21.5	20.8	21.5	20.9	0.1
CA_41C	ANT 4	Mode A	QPSK	20	40521	2583.1	1	99	20	40719	2602.9	1	0	21.0	20.2	21.0	20.3	0.1
CA_41C	ANT 4	Mode B	QPSK	20	39750	2506.0	1	99	20	39948	2525.8	1	0	21.5	20.8	21.5	20.8	0.0

Note(s):

1. Additional SAR for UL CA PC2 is not required. Test reduction has been applied based on standalone SAR.
2. SAR evaluation for PC2 is only required when its Maximum output power is higher from PC3.

LTE CA_48C Measured Results

UL CA Combination	Antenna	Power Mode(s)	Modulation	PCC					SCC					Standalone Power		(PCC + SCC) UL CA Power		
				BW (MHz)	Channel	Frequency (MHz)	RB	Offset	BW (MHz)	Channel	Frequency (MHz)	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	55891	3615.1	1	99	20	56089	3634.9	1	0	24.2	23.0	24.2	23.0	0.1
CA_48C	ANT 7	Mode B	QPSK	20	55340	3560.0	1	99	20	55538	3579.8	1	0	21.2	19.6	21.2	19.7	0.1
CA_48C	ANT 7	Mode B	QPSK	20	55891	3615.1	1	99	20	56089	3634.9	1	0	21.2	19.6	21.2	19.8	0.2
CA_48C	ANT 8	Mode A	QPSK	20	55891	3615.1	1	99	20	56089	3634.9	1	0	21.0	19.0	21.0	19.0	0.0
CA_48C	ANT 8	Mode B	QPSK	20	55891	3615.1	1	99	20	56089	3634.9	1	0	19.4	17.6	19.4	17.5	-0.1
CA_48C	ANT 9	Mode A	QPSK	20	55891	3615.1	1	99	20	56089	3634.9	1	0	21.7	20.5	21.7	20.5	0.0
CA_48C	ANT 9	Mode B	QPSK	20	55891	3615.1	1	99	20	56089	3634.9	1	0	17.9	16.8	17.9	16.9	0.1
CA_48C	ANT 4	Mode A	QPSK	20	55340	3560.0	1	99	20	55538	3579.8	1	0	23.5	22.3	23.5	22.3	0.0
CA_48C	ANT 4	Mode B	QPSK	20	55891	3615.1	1	99	20	56089	3634.9	1	0	22.0	20.9	22.0	20.8	-0.1

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 showing 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 (dBm)							
		ANT1		ANT2		ANT3		ANT4	
		Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B
NR n2	π/2 BPSK & QPSK	24.0	21.7	19.5	19.7	21.3	20.7	19.1	19.1
NR n5	π/2 BPSK & QPSK	25.7	25.7	23.4	25.2				
NR n7	π/2 BPSK & QPSK	22.0	20.8	17.7	18.3	21.4	19.3	18.7	19.6
NR n12	π/2 BPSK & QPSK	25.7	25.7	25.2	25.2				
NR n14	π/2 BPSK & QPSK	25.7	25.7	25.2	25.2				
NR n25	π/2 BPSK & QPSK	24.0	21.7	19.5	19.7	21.3	20.7	19.1	19.1
NR n26	π/2 BPSK & QPSK	25.7	25.7	23.4	25.2				
NR n30	π/2 BPSK & QPSK	22.1	20.5	18.6	18.7	21.7	19.2	18.5	20.2
NR n41 (PC3)	π/2 BPSK & QPSK	21.4	18.9	17.9	18.3	22.2	19.5	19.0	19.5
NR n41 (PC2)	π/2 BPSK & QPSK	24.4	21.9	20.9	21.3	25.2	22.5	22.0	22.5
NR n53	π/2 BPSK & QPSK	20.7	20.7	17.9	19.3				
NR n66	π/2 BPSK & QPSK	25.0	20.8	18.7	17.8	22.9	20.0	18.7	20.0
NR n70	π/2 BPSK & QPSK	25.0	20.8	18.7	17.8	22.9	20.0	18.7	20.0
NR n71	π/2 BPSK & QPSK	25.7	25.7	25.2	25.2				
RF Air interface	Mode	Maximum Output Power (dBm)							
		ANT7		ANT8		ANT9		ANT4	
		Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B
NR n48	π/2 BPSK & QPSK	22.2	19.2	19.0	17.4	19.7	15.9	21.5	20.0
NR n77 (PC3)	π/2 BPSK & QPSK	19.6	18.6	18.3	16.3	19.0	16.3	19.8	20.4
NR n77 (PC2)	π/2 BPSK & QPSK	22.6	21.6	21.3	19.3	22.0	19.3	22.8	23.4

NR Band 5 Measured Results (ANT1)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				166800	167300	167800	MPR	Max Power	166800	167300	167800	MPR	Max Power
				834 MHz	836.5 MHz	839 MHz			834 MHz	836.5 MHz	839 MHz		
20	π/2 BPSK	1	1		25.1		0	25.7		25.1		0	25.7
		1	104		24.9		0	25.7		24.9		0	25.7
		50	28		24.9		0	25.7		24.9		0	25.7
	QPSK	1	1		24.9		0	25.7		24.9		0	25.7
		1	104		24.7		0	25.7		24.7		0	25.7
		50	28		24.8		0	25.7		24.8		0	25.7
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				166300	167300	168300	MPR	Max Power	166300	167300	168300	MPR	Max Power
				831.5 MHz	836.5 MHz	841.5 MHz			831.5 MHz	836.5 MHz	841.5 MHz		
15	π/2 BPSK	1	1		25.1		0	25.7		25.1		0	25.7
		1	77		24.9		0	25.7		24.9		0	25.7
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				165800	167300	168800	MPR	Max Power	165800	167300	168800	MPR	Max Power
				829 MHz	836.5 MHz	844 MHz			829 MHz	836.5 MHz	844 MHz		
10	π/2 BPSK	1	1		24.8		0	25.7		24.8		0	25.7
		1	50		24.8		0	25.7		24.8		0	25.7
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				165300	167300	169300	MPR	Max Power	165300	167300	169300	MPR	Max Power
				826.5 MHz	836.5 MHz	846.5 MHz			826.5 MHz	836.5 MHz	846.5 MHz		
5	π/2 BPSK	1	1	24.8	24.9	24.8	0	25.7	24.8	24.9	24.8	0	25.7
		1	23	24.8	25.0	25.0	0	25.7	24.8	25.0	25.0	0	25.7

NR Band 5 Measured Results (ANT2)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				166800	167300	167800	MPR	Max Power	166800	167300	167800	MPR	Max Power
				834 MHz	836.5 MHz	839 MHz			834 MHz	836.5 MHz	839 MHz		
20	π/2 BPSK	1	1		22.5		0	23.4		24.2		0	25.2
		1	104		22.2		0	23.4		24.1		0	25.2
		50	28		22.3		0	23.4		24.1		0	25.2
	QPSK	1	1		22.4		0	23.4		24.2		0	25.2
		1	104		22.2		0	23.4		24.0		0	25.2
		50	28		22.3		0	23.4		24.0		0	25.2
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				166300	167300	168300	MPR	Max Power	166300	167300	168300	MPR	Max Power
				831.5 MHz	836.5 MHz	841.5 MHz			831.5 MHz	836.5 MHz	841.5 MHz		
15	π/2 BPSK	1	1		22.4		0	23.4		24.2		0	25.2
		1	77		22.3		0	23.4		24.1		0	25.2
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				165800	167300	168800	MPR	Max Power	165800	167300	168800	MPR	Max Power
				829 MHz	836.5 MHz	844 MHz			829 MHz	836.5 MHz	844 MHz		
10	π/2 BPSK	1	1		22.2		0	23.4		24.0		0	25.2
		1	50		22.0		0	23.4		23.8		0	25.2
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				165300	167300	169300	MPR	Max Power	165300	167300	169300	MPR	Max Power
				826.5 MHz	836.5 MHz	846.5 MHz			826.5 MHz	836.5 MHz	846.5 MHz		
5	π/2 BPSK	1	1	22.3	22.2	22.2	0	23.4	24.1	24.1	23.9	0	25.2
		1	23	22.3	22.2	22.1	0	23.4	24.0	24.0	23.9	0	25.2

NR Band 7 Measured Results (ANT1)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				504000	507000	510000	MPR	Max Power	504000	507000	510000	MPR	Max Power
				2520 MHz	2535 MHz	2550 MHz			2520 MHz	2535 MHz	2550 MHz		
40	π/2 BPSK	1	1		21.1		0	22		19.7		0	20.8
		1	214		21.2		0	22		20.0		0	20.8
		108	54		21.0		0	22		19.8		0	20.8
	QPSK	1	1		21.1		0	22		20.0		0	20.8
		1	214		21.2		0	22		20.0		0	20.8
		108	54		21.1		0	22		19.9		0	20.8
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				503500	507000	510500	MPR	Max Power	503500	507000	510500	MPR	Max Power
				2517.5 MHz	2535 MHz	2552.5 MHz			2517.5 MHz	2535 MHz	2552.5 MHz		
35	π/2 BPSK	1	1		21.1		0	22		19.9		0	20.8
		1	186		21.3		0	22		20.0		0	20.8
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				503000	507000	511000	MPR	Max Power	503000	507000	511000	MPR	Max Power
				2515 MHz	2535 MHz	2555 MHz			2515 MHz	2535 MHz	2555 MHz		
30	π/2 BPSK	1	1		21.1		0	22		20.0		0	20.8
		1	158		21.2		0	22		20.0		0	20.8
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				502500	507000	511500	MPR	Max Power	502500	507000	511500	MPR	Max Power
				2512.5 MHz	2535 MHz	2557.5 MHz			2512.5 MHz	2535 MHz	2557.5 MHz		
25	π/2 BPSK	1	1		21.3		0	22		20.0		0	20.8
		1	131		21.2		0	22		20.0		0	20.8
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				502000	507000	512000	MPR	Max Power	502000	507000	512000	MPR	Max Power
				2510 MHz	2535 MHz	2560 MHz			2510 MHz	2535 MHz	2560 MHz		
20	π/2 BPSK	1	1	21.2	21.2	21.1	0	22	20.0	20.1	20.0	0	20.8
		1	104	21.2	21.2	21.2	0	22	20.1	20.0	20.0	0	20.8
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				501500	507000	512500	MPR	Max Power	501500	507000	512500	MPR	Max Power
				2507.5 MHz	2535 MHz	2562.5 MHz			2507.5 MHz	2535 MHz	2562.5 MHz		
15	π/2 BPSK	1	1	21.2	21.2	21.2	0	22	19.9	20.0	20.0	0	20.8
		1	77	21.2	21.1	21.3	0	22	19.9	20.0	19.9	0	20.8
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				501000	507000	513000	MPR	Max Power	501000	507000	513000	MPR	Max Power
				2505 MHz	2535 MHz	2565 MHz			2505 MHz	2535 MHz	2565 MHz		
10	π/2 BPSK	1	1	21.0	20.9	20.9	0	22	19.7	19.7	19.7	0	20.8
		1	50	21.0	21.0	21.0	0	22	19.8	19.8	19.8	0	20.8
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				500500	507000	513500	MPR	Max Power	500500	507000	513500	MPR	Max Power
				2502.5 MHz	2535 MHz	2567.5 MHz			2502.5 MHz	2535 MHz	2567.5 MHz		
5	π/2 BPSK	1	1	21.0	20.8	20.8	0	22	19.9	19.9	19.7	0	20.8
		1	23	21.0	21.0	21.0	0	22	19.8	19.9	19.8	0	20.8

NR Band 7 Measured Results (ANT2)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				504000	507000	510000	MPR	Max Power	504000	507000	510000	MPR	Max Power
				2520 MHz	2535 MHz	2550 MHz			2520 MHz	2535 MHz	2550 MHz		
40	π/2 BPSK	1	1		16.6		0	17.7		17.1		0	18.3
		1	214		16.6		0	17.7		17.3		0	18.3
		108	54		16.3		0	17.7		17.1		0	18.3
	QPSK	1	1		16.5		0	17.7		17.3		0	18.3
		1	214		16.7		0	17.7		17.5		0	18.3
		108	54		16.4		0	17.7		17.2		0	18.3
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				503500	507000	510500	MPR	Max Power	503500	507000	510500	MPR	Max Power
				2517.5 MHz	2535 MHz	2552.5 MHz			2517.5 MHz	2535 MHz	2552.5 MHz		
35	π/2 BPSK	1	1		16.8		0	17.7		17.3		0	18.3
		1	186		16.7		0	17.7		17.2		0	18.3
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				503000	507000	511000	MPR	Max Power	503000	507000	511000	MPR	Max Power
				2515 MHz	2535 MHz	2555 MHz			2515 MHz	2535 MHz	2555 MHz		
30	π/2 BPSK	1	1		16.8		0	17.7		17.3		0	18.3
		1	158		16.6		0	17.7		17.3		0	18.3
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				502500	507000	511500	MPR	Max Power	502500	507000	511500	MPR	Max Power
				2512.5 MHz	2535 MHz	2557.5 MHz			2512.5 MHz	2535 MHz	2557.5 MHz		
25	π/2 BPSK	1	1		16.8		0	17.7		17.5		0	18.3
		1	131		16.7		0	17.7		17.3		0	18.3
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				502000	507000	512000	MPR	Max Power	502000	507000	512000	MPR	Max Power
				2510 MHz	2535 MHz	2560 MHz			2510 MHz	2535 MHz	2560 MHz		
20	π/2 BPSK	1	1	16.8	16.8	16.7	0	17.7	17.5	17.4	17.2	0	18.3
		1	104	16.8	16.8	16.6	0	17.7	17.3	17.3	17.3	0	18.3
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				501500	507000	512500	MPR	Max Power	501500	507000	512500	MPR	Max Power
				2507.5 MHz	2535 MHz	2562.5 MHz			2507.5 MHz	2535 MHz	2562.5 MHz		
15	π/2 BPSK	1	1	16.8	16.9	16.7	0	17.7	17.4	17.4	17.3	0	18.3
		1	77	16.9	16.8	16.6	0	17.7	17.4	17.4	17.2	0	18.3
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				501000	507000	513000	MPR	Max Power	501000	507000	513000	MPR	Max Power
				2505 MHz	2535 MHz	2565 MHz			2505 MHz	2535 MHz	2565 MHz		
10	π/2 BPSK	1	1	16.6	16.6	16.5	0	17.7	17.2	17.2	17.2	0	18.3
		1	50	16.7	16.5	16.6	0	17.7	17.2	17.2	17.2	0	18.3
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				500500	507000	513500	MPR	Max Power	500500	507000	513500	MPR	Max Power
				2502.5 MHz	2535 MHz	2567.5 MHz			2502.5 MHz	2535 MHz	2567.5 MHz		
5	π/2 BPSK	1	1	16.6	16.5	16.6	0	17.7	17.2	17.0	17.1	0	18.3
		1	23	16.7	16.6	16.5	0	17.7	17.2	17.2	17.1	0	18.3

NR Band 7 Measured Results (ANT3)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				504000	507000	510000	MPR	Max Power	504000	507000	510000	MPR	Max Power
				2520 MHz	2535 MHz	2550 MHz			2520 MHz	2535 MHz	2550 MHz		
40	π/2 BPSK	1	1		20.4		0	21.4		18.4		0	19.3
		1	214		20.6		0	21.4		18.3		0	19.3
		108	54		20.4		0	21.4		18.2		0	19.3
	QPSK	1	1		20.6		0	21.4		18.4		0	19.3
		1	214		20.8		0	21.4		18.5		0	19.3
		108	54		20.4		0	21.4		18.3		0	19.3
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				503500	507000	510500	MPR	Max Power	503500	507000	510500	MPR	Max Power
				2517.5 MHz	2535 MHz	2552.5 MHz			2517.5 MHz	2535 MHz	2552.5 MHz		
35	π/2 BPSK	1	1		20.5		0	21.4		18.4		0	19.3
		1	186		20.4		0	21.4		18.5		0	19.3
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				503000	507000	511000	MPR	Max Power	503000	507000	511000	MPR	Max Power
				2515 MHz	2535 MHz	2555 MHz			2515 MHz	2535 MHz	2555 MHz		
30	π/2 BPSK	1	1		20.4		0	21.4		18.4		0	19.3
		1	158		20.4		0	21.4		18.2		0	19.3
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				502500	507000	511500	MPR	Max Power	502500	507000	511500	MPR	Max Power
				2512.5 MHz	2535 MHz	2557.5 MHz			2512.5 MHz	2535 MHz	2557.5 MHz		
25	π/2 BPSK	1	1		20.7		0	21.4		18.4		0	19.3
		1	131		20.6		0	21.4		18.5		0	19.3
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				502000	507000	512000	MPR	Max Power	502000	507000	512000	MPR	Max Power
				2510 MHz	2535 MHz	2560 MHz			2510 MHz	2535 MHz	2560 MHz		
20	π/2 BPSK	1	1	20.3	20.6	20.7	0	21.4	18.2	18.5	18.6	0	19.3
		1	104	20.6	20.7	20.7	0	21.4	18.6	18.6	18.5	0	19.3
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				501500	507000	512500	MPR	Max Power	501500	507000	512500	MPR	Max Power
				2507.5 MHz	2535 MHz	2562.5 MHz			2507.5 MHz	2535 MHz	2562.5 MHz		
15	π/2 BPSK	1	1	20.4	20.5	20.7	0	21.4	18.2	18.5	18.5	0	19.3
		1	77	20.6	20.5	20.5	0	21.4	18.6	18.6	18.5	0	19.3
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				501000	507000	513000	MPR	Max Power	501000	507000	513000	MPR	Max Power
				2505 MHz	2535 MHz	2565 MHz			2505 MHz	2535 MHz	2565 MHz		
10	π/2 BPSK	1	1	20.1	20.3	20.5	0	21.4	18.0	18.2	18.3	0	19.3
		1	50	20.4	20.4	20.5	0	21.4	18.3	18.3	18.3	0	19.3
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				500500	507000	513500	MPR	Max Power	500500	507000	513500	MPR	Max Power
				2502.5 MHz	2535 MHz	2567.5 MHz			2502.5 MHz	2535 MHz	2567.5 MHz		
5	π/2 BPSK	1	1	20.0	20.2	20.4	0	21.4	17.9	18.1	18.3	0	19.3
		1	23	20.3	20.5	20.4	0	21.4	18.2	18.5	18.5	0	19.3

NR Band 7 Measured Results (ANT4)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				504000	507000	510000	MPR	Max Power	504000	507000	510000	MPR	Max Power
				2520 MHz	2535 MHz	2550 MHz			2520 MHz	2535 MHz	2550 MHz		
40	π/2 BPSK	1	1		18.1		0	18.7		19.1		0	19.6
		1	214		17.9		0	18.7		19.1		0	19.6
		108	54		17.8		0	18.7		19.1		0	19.6
	QPSK	1	1		18.0		0	18.7		19.2		0	19.6
		1	214		18.0		0	18.7		19.3		0	19.6
		108	54		17.9		0	18.7		19.1		0	19.6
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				503500	507000	510500	MPR	Max Power	503500	507000	510500	MPR	Max Power
				2517.5 MHz	2535 MHz	2552.5 MHz			2517.5 MHz	2535 MHz	2552.5 MHz		
35	π/2 BPSK	1	1		18.3		0	18.7		19.4		0	19.6
		1	186		18.2		0	18.7		19.3		0	19.6
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				503000	507000	511000	MPR	Max Power	503000	507000	511000	MPR	Max Power
				2515 MHz	2535 MHz	2555 MHz			2515 MHz	2535 MHz	2555 MHz		
30	π/2 BPSK	1	1		18.0		0	18.7		19.1		0	19.6
		1	158		18.1		0	18.7		19.0		0	19.6
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				502500	507000	511500	MPR	Max Power	502500	507000	511500	MPR	Max Power
				2512.5 MHz	2535 MHz	2557.5 MHz			2512.5 MHz	2535 MHz	2557.5 MHz		
25	π/2 BPSK	1	1		18.3		0	18.7		19.4		0	19.6
		1	131		18.2		0	18.7		19.2		0	19.6
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				502000	507000	512000	MPR	Max Power	502000	507000	512000	MPR	Max Power
				2510 MHz	2535 MHz	2560 MHz			2510 MHz	2535 MHz	2560 MHz		
20	π/2 BPSK	1	1	17.7	18.2	18.0	0	18.7	19.3	19.3	19.3	0	19.6
		1	104	18.0	18.3	18.0	0	18.7	19.3	19.3	19.3	0	19.6
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				501500	507000	512500	MPR	Max Power	501500	507000	512500	MPR	Max Power
				2507.5 MHz	2535 MHz	2562.5 MHz			2507.5 MHz	2535 MHz	2562.5 MHz		
15	π/2 BPSK	1	1	17.6	18.1	17.8	0	18.7	19.3	19.3	19.3	0	19.6
		1	77	18.2	18.2	18.7	0	18.7	19.3	19.3	19.3	0	19.6
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				501000	507000	513000	MPR	Max Power	501000	507000	513000	MPR	Max Power
				2505 MHz	2535 MHz	2565 MHz			2505 MHz	2535 MHz	2565 MHz		
10	π/2 BPSK	1	1	17.7	18.0	17.7	0	18.7	19.1	19.1	19.1	0	19.6
		1	50	17.8	18.0	17.9	0	18.7	19.0	19.0	19.0	0	19.6
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				500500	507000	513500	MPR	Max Power	500500	507000	513500	MPR	Max Power
				2502.5 MHz	2535 MHz	2567.5 MHz			2502.5 MHz	2535 MHz	2567.5 MHz		
5	π/2 BPSK	1	1	17.8	17.9	17.9	0	18.7	19.0	19.0	19.0	0	19.6
		1	23	17.9	18.2	18.0	0	18.7	19.2	19.2	19.2	0	19.6

NR Band 12 Measured Results (ANT1)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				141300	141500	141700	MPR	Max Power	141300	141500	141700	MPR	Max Power
				706.5 MHz	707.5 MHz	708.5 MHz			706.5 MHz	707.5 MHz	708.5 MHz		
15	π/2 BPSK	1	1		25.2		0	25.7		25.2		0	25.7
		1	77		25.2		0	25.7		25.2		0	25.7
		36	22		25.0		0	25.7		25.0		0	25.7
	QPSK	1	1		25.2		0	25.7		25.2		0	25.7
		1	77		25.2		0	25.7		25.2		0	25.7
		36	22		25.1		0	25.7		25.1		0	25.7
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				140800	141500	142200	MPR	Max Power	140800	141500	142200	MPR	Max Power
				704 MHz	707.5 MHz	711 MHz			704 MHz	707.5 MHz	711 MHz		
10	π/2 BPSK	1	1		25.1		0	25.7		25.1		0	25.7
		1	50		25.0		0	25.7		25.0		0	25.7
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				140300	141500	142700	MPR	Max Power	140300	141500	142700	MPR	Max Power
				701.5 MHz	707.5 MHz	713.5 MHz			701.5 MHz	707.5 MHz	713.5 MHz		
5	π/2 BPSK	1	1	25.0	25.1	25.1	0	25.7	25.0	25.1	25.1	0	25.7
		1	23	25.0	25.1	25.0	0	25.7	25.0	25.1	25.0	0	25.7

NR Band 12 Measured Results (ANT2)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				141300	141500	141700	MPR	Max Power	141300	141500	141700	MPR	Max Power
				706.5 MHz	707.5 MHz	708.5 MHz			706.5 MHz	707.5 MHz	708.5 MHz		
15	π/2 BPSK	1	1		24.2		0	25.2		24.2		0	25.2
		1	77		24.2		0	25.2		24.2		0	25.2
		36	22		24.0		0	25.2		24.0		0	25.2
	QPSK	1	1		24.3		0	25.2		24.3		0	25.2
		1	77		24.2		0	25.2		24.2		0	25.2
		36	22		24.3		0	25.2		24.3		0	25.2
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				140800	141500	142200	MPR	Max Power	140800	141500	142200	MPR	Max Power
				704 MHz	707.5 MHz	711 MHz			704 MHz	707.5 MHz	711 MHz		
10	π/2 BPSK	1	1		24.2		0	25.2		24.2		0	25.2
		1	50		24.1		0	25.2		24.1		0	25.2
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				140300	141500	142700	MPR	Max Power	140300	141500	142700	MPR	Max Power
				701.5 MHz	707.5 MHz	713.5 MHz			701.5 MHz	707.5 MHz	713.5 MHz		
5	π/2 BPSK	1	1	24.3	24.2	24.2	0	25.2	24.3	24.2	24.2	0	25.2
		1	23	24.3	24.3	24.0	0	25.2	24.3	24.3	24.0	0	25.2

NR Band 14 Measured Results (ANT1)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				158600	158600	158600	MPR	Max Power	158600	158600	158600	MPR	Max Power
				793 MHz	793 MHz	793 MHz			793 MHz	793 MHz	793 MHz		
10	π/2 BPSK	1	1		24.8		0	25.7		24.8		0	25.7
		1	50		24.8		0	25.7		24.8		0	25.7
		25	14		24.8		0	25.7		24.8		0	25.7
	QPSK	1	1		24.8		0	25.7		24.8		0	25.7
		1	50		24.9		0	25.7		24.9		0	25.7
		25	14		24.9		0	25.7		24.9		0	25.7
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				158100	158600	159100	MPR	Max Power	158100	158600	159100	MPR	Max Power
				790.5 MHz	793 MHz	795.5 MHz			790.5 MHz	793 MHz	795.5 MHz		
5	π/2 BPSK	1	1		24.9		0	25.7		24.9		0	25.7
		1	23		24.9		0	25.7		24.9		0	25.7

NR Band 14 Measured Results (ANT2)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				158600	158600	158600	MPR	Max Power	158600	158600	158600	MPR	Max Power
				793 MHz	793 MHz	793 MHz			793 MHz	793 MHz	793 MHz		
10	π/2 BPSK	1	1		24.0		0	25.2		24.0		0	25.2
		1	50		24.0		0	25.2		24.0		0	25.2
		25	14		23.8		0	25.2		23.8		0	25.2
	QPSK	1	1		24.2		0	25.2		24.2		0	25.2
		1	50		24.4		0	25.2		24.4		0	25.2
		25	14		24.2		0	25.2		24.2		0	25.2
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				158100	158600	159100	MPR	Max Power	158100	158600	159100	MPR	Max Power
				790.5 MHz	793 MHz	795.5 MHz			790.5 MHz	793 MHz	795.5 MHz		
5	π/2 BPSK	1	1		24.3		0	25.2		24.3		0	25.2
		1	23		24.3		0	25.2		24.3		0	25.2

NR Band 25 Measured Results (ANT1)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				374000	376500	379000	MPR	Max Power	374000	376500	379000	MPR	Max Power
				1870 MHz	1882.5 MHz	1895 MHz			1870 MHz	1882.5 MHz	1895 MHz		
40	π/2 BPSK	1	1		23.4		0	24		21.0		0	21.7
		1	214		23.3		0	24		21.1		0	21.7
		108	54		23.2		0	24		20.9		0	21.7
	QPSK	1	1		23.4		0	24		21.0		0	21.7
		1	214		23.4		0	24		21.1		0	21.7
		108	54		23.4		0	24		21.0		0	21.7
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				373500	376500	379500	MPR	Max Power	373500	376500	379500	MPR	Max Power
				1867.5 MHz	1882.5 MHz	1897.5 MHz			1867.5 MHz	1882.5 MHz	1897.5 MHz		
35	π/2 BPSK	1	1		23.5		0	24		21.2		0	21.7
		1	186		23.5		0	24		21.1		0	21.7
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				373000	376500	380000	MPR	Max Power	373000	376500	380000	MPR	Max Power
				1865 MHz	1882.5 MHz	1900 MHz			1865 MHz	1882.5 MHz	1900 MHz		
30	π/2 BPSK	1	1		23.5		0	24		21.1		0	21.7
		1	158		23.5		0	24		21.0		0	21.7
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				372500	376500	380500	MPR	Max Power	372500	376500	380500	MPR	Max Power
				1862.5 MHz	1882.5 MHz	1902.5 MHz			1862.5 MHz	1882.5 MHz	1902.5 MHz		
25	π/2 BPSK	1	1		23.6		0	24		21.2		0	21.7
		1	131		23.5		0	24		21.2		0	21.7
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				372000	376500	381000	MPR	Max Power	372000	376500	381000	MPR	Max Power
				1860 MHz	1882.5 MHz	1905 MHz			1860 MHz	1882.5 MHz	1905 MHz		
20	π/2 BPSK	1	1	23.7	23.5	23.4	0	24	21.3	21.0	21.1	0	21.7
		1	104	23.5	23.4	23.4	0	24	21.3	21.1	21.0	0	21.7
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				371500	376500	381500	MPR	Max Power	371500	376500	381500	MPR	Max Power
				1857.5 MHz	1882.5 MHz	1907.5 MHz			1857.5 MHz	1882.5 MHz	1907.5 MHz		
15	π/2 BPSK	1	1	23.6	23.6	23.5	0	24	21.3	21.2	21.1	0	21.7
		1	77	23.5	23.5	23.5	0	24	21.3	21.2	20.9	0	21.7
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				371000	376500	382000	MPR	Max Power	371000	376500	382000	MPR	Max Power
				1855 MHz	1882.5 MHz	1910 MHz			1855 MHz	1882.5 MHz	1910 MHz		
10	π/2 BPSK	1	1	23.4	23.3	23.3	0	24	21.0	21.0	21.0	0	21.7
		1	50	23.3	23.3	23.2	0	24	21.0	21.0	20.9	0	21.7
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				370500	376500	382500	MPR	Max Power	370500	376500	382500	MPR	Max Power
				1852.5 MHz	1882.5 MHz	1912.5 MHz			1852.5 MHz	1882.5 MHz	1912.5 MHz		
5	π/2 BPSK	1	1	23.4	23.3	23.2	0	24	21.2	21.0	21.0	0	21.7
		1	23	23.5	23.4	23.3	0	24	21.1	21.1	21.1	0	21.7

NR Band 25 Measured Results (ANT2)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				374000	376500	379000	MPR	Max Power	374000	376500	379000	MPR	Max Power
				1870 MHz	1882.5 MHz	1895 MHz			1870 MHz	1882.5 MHz	1895 MHz		
40	π/2 BPSK	1	1		18.3		0	19.5		18.5		0	19.7
		1	214		18.5		0	19.5		18.7		0	19.7
		108	54		18.3		0	19.5		18.5		0	19.7
	QPSK	1	1		18.3		0	19.5		18.5		0	19.7
		1	214		18.4		0	19.5		18.7		0	19.7
		108	54		18.4		0	19.5		18.6		0	19.7
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				373500	376500	379500	MPR	Max Power	373500	376500	379500	MPR	Max Power
				1867.5 MHz	1882.5 MHz	1897.5 MHz			1867.5 MHz	1882.5 MHz	1897.5 MHz		
35	π/2 BPSK	1	1		18.3		0	19.5		18.6		0	19.7
		1	186		18.4		0	19.5		18.6		0	19.7
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				373000	376500	380000	MPR	Max Power	373000	376500	380000	MPR	Max Power
				1865 MHz	1882.5 MHz	1900 MHz			1865 MHz	1882.5 MHz	1900 MHz		
30	π/2 BPSK	1	1		18.4		0	19.5		18.5		0	19.7
		1	158		18.6		0	19.5		18.8		0	19.7
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				372500	376500	380500	MPR	Max Power	372500	376500	380500	MPR	Max Power
				1862.5 MHz	1882.5 MHz	1902.5 MHz			1862.5 MHz	1882.5 MHz	1902.5 MHz		
25	π/2 BPSK	1	1		18.4		0	19.5		18.5		0	19.7
		1	131		18.5		0	19.5		18.7		0	19.7
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				372000	376500	381000	MPR	Max Power	372000	376500	381000	MPR	Max Power
				1860 MHz	1882.5 MHz	1905 MHz			1860 MHz	1882.5 MHz	1905 MHz		
20	π/2 BPSK	1	1	18.4	18.4	18.5	0	19.5	18.5	18.5	18.7	0	19.7
		1	104	18.5	18.6	18.5	0	19.5	18.6	18.8	18.6	0	19.7
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				371500	376500	381500	MPR	Max Power	371500	376500	381500	MPR	Max Power
				1857.5 MHz	1882.5 MHz	1907.5 MHz			1857.5 MHz	1882.5 MHz	1907.5 MHz		
15	π/2 BPSK	1	1	18.3	18.3	18.4	0	19.5	18.5	18.5	18.6	0	19.7
		1	77	18.3	18.4	18.3	0	19.5	18.4	18.7	18.6	0	19.7
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				371000	376500	382000	MPR	Max Power	371000	376500	382000	MPR	Max Power
				1855 MHz	1882.5 MHz	1910 MHz			1855 MHz	1882.5 MHz	1910 MHz		
10	π/2 BPSK	1	1	18.1	18.2	18.2	0	19.5	18.4	18.3	18.4	0	19.7
		1	50	18.1	18.1	18.2	0	19.5	18.3	18.4	18.3	0	19.7
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				370500	376500	382500	MPR	Max Power	370500	376500	382500	MPR	Max Power
				1852.5 MHz	1882.5 MHz	1912.5 MHz			1852.5 MHz	1882.5 MHz	1912.5 MHz		
5	π/2 BPSK	1	1	18.2	18.3	18.2	0	19.5	18.4	18.3	18.4	0	19.7
		1	23	18.3	18.2	18.3	0	19.5	18.6	18.4	18.4	0	19.7

NR Band 25 Measured Results (ANT3)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				374000	376500	379000	MPR	Max Power	374000	376500	379000	MPR	Max Power
				1870 MHz	1882.5 MHz	1895 MHz			1870 MHz	1882.5 MHz	1895 MHz		
40	π/2 BPSK	1	1		20.7		0	21.3		20.1		0	20.7
		1	214		20.7		0	21.3		20.1		0	20.7
		108	54		20.7		0	21.3		20.1		0	20.7
	QPSK	1	1		20.6		0	21.3		20.0		0	20.7
		1	214		20.6		0	21.3		20.1		0	20.7
		108	54		20.6		0	21.3		20.1		0	20.7
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				373500	376500	379500	MPR	Max Power	373500	376500	379500	MPR	Max Power
				1867.5 MHz	1882.5 MHz	1897.5 MHz			1867.5 MHz	1882.5 MHz	1897.5 MHz		
35	π/2 BPSK	1	1		20.7		0	21.3		20.0		0	20.7
		1	186		20.7		0	21.3		20.1		0	20.7
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				373000	376500	380000	MPR	Max Power	373000	376500	380000	MPR	Max Power
				1865 MHz	1882.5 MHz	1900 MHz			1865 MHz	1882.5 MHz	1900 MHz		
30	π/2 BPSK	1	1		20.7		0	21.3		20.1		0	20.7
		1	158		20.7		0	21.3		20.1		0	20.7
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				372500	376500	380500	MPR	Max Power	372500	376500	380500	MPR	Max Power
				1862.5 MHz	1882.5 MHz	1902.5 MHz			1862.5 MHz	1882.5 MHz	1902.5 MHz		
25	π/2 BPSK	1	1		20.6		0	21.3		20.1		0	20.7
		1	131		20.7		0	21.3		20.2		0	20.7
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				372000	376500	381000	MPR	Max Power	372000	376500	381000	MPR	Max Power
				1860 MHz	1882.5 MHz	1905 MHz			1860 MHz	1882.5 MHz	1905 MHz		
20	π/2 BPSK	1	1	20.7	20.6	20.7	0	21.3	20.1	20.1	20.1	0	20.7
		1	104	20.7	20.7	20.6	0	21.3	20.1	20.1	20.1	0	20.7
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				371500	376500	381500	MPR	Max Power	371500	376500	381500	MPR	Max Power
				1857.5 MHz	1882.5 MHz	1907.5 MHz			1857.5 MHz	1882.5 MHz	1907.5 MHz		
15	π/2 BPSK	1	1	20.7	20.7	20.8	0	21.3	20.0	20.1	20.1	0	20.7
		1	77	20.7	20.8	20.7	0	21.3	20.1	20.1	20.1	0	20.7
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				371000	376500	382000	MPR	Max Power	371000	376500	382000	MPR	Max Power
				1855 MHz	1882.5 MHz	1910 MHz			1855 MHz	1882.5 MHz	1910 MHz		
10	π/2 BPSK	1	1	20.4	20.5	20.5	0	21.3	19.9	19.8	19.9	0	20.7
		1	50	20.4	20.5	20.4	0	21.3	19.8	19.9	19.9	0	20.7
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				370500	376500	382500	MPR	Max Power	370500	376500	382500	MPR	Max Power
				1852.5 MHz	1882.5 MHz	1912.5 MHz			1852.5 MHz	1882.5 MHz	1912.5 MHz		
5	π/2 BPSK	1	1	20.5	20.6	20.5	0	21.3	19.9	19.9	19.9	0	20.7
		1	23	20.4	20.5	20.4	0	21.3	19.9	20.0	19.9	0	20.7

NR Band 25 Measured Results (ANT4)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				374000	376500	379000	MPR	Max Power	374000	376500	379000	MPR	Max Power
				1870 MHz	1882.5 MHz	1895 MHz			1870 MHz	1882.5 MHz	1895 MHz		
40	π/2 BPSK	1	1		18.2		0	19.1		18.2		0	19.1
		1	214		18.5		0	19.1		18.5		0	19.1
		108	54		18.4		0	19.1		18.4		0	19.1
	QPSK	1	1		18.3		0	19.1		18.3		0	19.1
		1	214		18.3		0	19.1		18.3		0	19.1
		108	54		18.3		0	19.1		18.3		0	19.1
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				373500	376500	379500	MPR	Max Power	373500	376500	379500	MPR	Max Power
				1867.5 MHz	1882.5 MHz	1897.5 MHz			1867.5 MHz	1882.5 MHz	1897.5 MHz		
35	π/2 BPSK	1	1		18.2		0	19.1		18.2		0	19.1
		1	186		18.4		0	19.1		18.4		0	19.1
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				373000	376500	380000	MPR	Max Power	373000	376500	380000	MPR	Max Power
				1865 MHz	1882.5 MHz	1900 MHz			1865 MHz	1882.5 MHz	1900 MHz		
30	π/2 BPSK	1	1		18.2		0	19.1		18.2		0	19.1
		1	158		18.3		0	19.1		18.3		0	19.1
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				372500	376500	380500	MPR	Max Power	372500	376500	380500	MPR	Max Power
				1862.5 MHz	1882.5 MHz	1902.5 MHz			1862.5 MHz	1882.5 MHz	1902.5 MHz		
25	π/2 BPSK	1	1		18.2		0	19.1		18.2		0	19.1
		1	131		18.4		0	19.1		18.4		0	19.1
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				372000	376500	381000	MPR	Max Power	372000	376500	381000	MPR	Max Power
				1860 MHz	1882.5 MHz	1905 MHz			1860 MHz	1882.5 MHz	1905 MHz		
20	π/2 BPSK	1	1	18.1	18.2	18.2	0	19.1	18.1	18.2	18.2	0	19.1
		1	104	18.1	18.2	18.2	0	19.1	18.1	18.2	18.2	0	19.1
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				371500	376500	381500	MPR	Max Power	371500	376500	381500	MPR	Max Power
				1857.5 MHz	1882.5 MHz	1907.5 MHz			1857.5 MHz	1882.5 MHz	1907.5 MHz		
15	π/2 BPSK	1	1	18.1	18.3	18.2	0	19.1	18.1	18.3	18.2	0	19.1
		1	77	18.1	18.3	18.3	0	19.1	18.1	18.3	18.3	0	19.1
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				371000	376500	382000	MPR	Max Power	371000	376500	382000	MPR	Max Power
				1855 MHz	1882.5 MHz	1910 MHz			1855 MHz	1882.5 MHz	1910 MHz		
10	π/2 BPSK	1	1	17.9	18.1	18.1	0	19.1	17.9	18.1	18.1	0	19.1
		1	50	17.9	18.1	18.1	0	19.1	17.9	18.1	18.1	0	19.1
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				370500	376500	382500	MPR	Max Power	370500	376500	382500	MPR	Max Power
				1852.5 MHz	1882.5 MHz	1912.5 MHz			1852.5 MHz	1882.5 MHz	1912.5 MHz		
5	π/2 BPSK	1	1	18.0	18.0	18.1	0	19.1	18.0	18.0	18.1	0	19.1
		1	23	18.0	18.1	18.2	0	19.1	18.0	18.1	18.2	0	19.1

NR Band 26 Measured Results (ANT1)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				164800	166300	167800	MPR	Max Power	164800	166300	167800	MPR	Max Power
				824 MHz	831.5 MHz	839 MHz			824 MHz	831.5 MHz	839 MHz		
20	π/2 BPSK	1	1		25.0		0	25.7		25.0		0	25.7
		1	104		25.0		0	25.7		25.0		0	25.7
		50	28		25.1		0	25.7		25.1		0	25.7
	QPSK	1	1		25.0		0	25.7		25.0		0	25.7
		1	104		25.0		0	25.7		25.0		0	25.7
		50	28		25.0		0	25.7		25.0		0	25.7
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				164300	166300	168300	MPR	Max Power	164300	166300	168300	MPR	Max Power
				821.5 MHz	831.5 MHz	841.5 MHz			821.5 MHz	831.5 MHz	841.5 MHz		
15	π/2 BPSK	1	1	25.1	25.0	25.0	0	25.7	25.1	25.0	25.0	0	25.7
		1	77	25.2	25.1	25.1	0	25.7	25.2	25.1	25.1	0	25.7
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				163800	166300	168800	MPR	Max Power	163800	166300	168800	MPR	Max Power
				819 MHz	831.5 MHz	844 MHz			819 MHz	831.5 MHz	844 MHz		
10	π/2 BPSK	1	1	25.1	24.8	24.9	0	25.7	25.1	24.8	24.9	0	25.7
		1	50	24.9	25.0	24.9	0	25.7	24.9	25.0	24.9	0	25.7
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				163300	166300	169300	MPR	Max Power	163300	166300	169300	MPR	Max Power
				816.5 MHz	831.5 MHz	846.5 MHz			816.5 MHz	831.5 MHz	846.5 MHz		
5	π/2 BPSK	1	1	25.1	24.8	24.9	0	25.7	25.1	24.8	24.9	0	25.7
		1	23	25.1	24.9	24.8	0	25.7	25.1	24.9	24.8	0	25.7

NR Band 26 Measured Results (ANT2)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				164800	166300	167800	MPR	Max Power	164800	166300	167800	MPR	Max Power
				824 MHz	831.5 MHz	839 MHz			824 MHz	831.5 MHz	839 MHz		
20	π/2 BPSK	1	1		22.4		0	23.4		24.0		0	25.2
		1	104		22.4		0	23.4		24.2		0	25.2
		50	28		22.3		0	23.4		24.1		0	25.2
	QPSK	1	1		22.2		0	23.4		24.1		0	25.2
		1	104		22.2		0	23.4		24.1		0	25.2
		50	28		22.3		0	23.4		24.1		0	25.2
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				164300	166300	168300	MPR	Max Power	164300	166300	168300	MPR	Max Power
				821.5 MHz	831.5 MHz	841.5 MHz			821.5 MHz	831.5 MHz	841.5 MHz		
15	π/2 BPSK	1	1	22.6	22.5	22.6	0	23.4	24.3	24.3	24.4	0	25.2
		1	77	22.7	22.6	22.3	0	23.4	24.5	24.3	24.3	0	25.2
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				163800	166300	168800	MPR	Max Power	163800	166300	168800	MPR	Max Power
				819 MHz	831.5 MHz	844 MHz			819 MHz	831.5 MHz	844 MHz		
10	π/2 BPSK	1	1	22.3	22.3	22.5	0	23.4	24.2	24.2	24.2	0	25.2
		1	50	22.4	22.4	22.2	0	23.4	24.2	24.2	24.0	0	25.2
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				163300	166300	169300	MPR	Max Power	163300	166300	169300	MPR	Max Power
				816.5 MHz	831.5 MHz	846.5 MHz			816.5 MHz	831.5 MHz	846.5 MHz		
5	π/2 BPSK	1	1	22.5	22.3	22.3	0	23.4	24.3	24.3	24.1	0	25.2
		1	23	22.4	22.4	22.1	0	23.4	24.2	24.2	24.0	0	25.2

NR Band 30 Measured Results (ANT1)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				462000	462000	462000	MPR	Max Power	462000	462000	462000	MPR	Max Power
				2310 MHz	2310 MHz	2310 MHz			2310 MHz	2310 MHz	2310 MHz		
10	π/2 BPSK	1	1		20.8		0	22.1		19.5		0	20.5
		1	50		20.9		0	22.1		19.5		0	20.5
		25	14		20.8		0	22.1		19.4		0	20.5
	QPSK	1	1		20.8		0	22.1		19.4		0	20.5
		1	50		20.8		0	22.1		19.5		0	20.5
		25	14		20.9		0	22.1		19.4		0	20.5
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				461500	462000	462500	MPR	Max Power	461500	462000	462500	MPR	Max Power
				2307.5 MHz	2310 MHz	2312.5 MHz			2307.5 MHz	2310 MHz	2312.5 MHz		
5	π/2 BPSK	1	1		21.2		0	22.1		19.9		0	20.5
		1	23		21.2		0	22.1		19.8		0	20.5

NR Band 30 Measured Results (ANT2)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				462000	462000	462000	MPR	Max Power	462000	462000	462000	MPR	Max Power
				2310 MHz	2310 MHz	2310 MHz			2310 MHz	2310 MHz	2310 MHz		
10	π/2 BPSK	1	1		17.7		0	18.6		17.7		0	18.7
		1	50		17.5		0	18.6		17.7		0	18.7
		25	14		17.7		0	18.6		18.0		0	18.7
	QPSK	1	1		18.0		0	18.6		17.9		0	18.7
		1	50		17.9		0	18.6		17.8		0	18.7
		25	14		17.8		0	18.6		17.7		0	18.7
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				461500	462000	462500	MPR	Max Power	461500	462000	462500	MPR	Max Power
				2307.5 MHz	2310 MHz	2312.5 MHz			2307.5 MHz	2310 MHz	2312.5 MHz		
5	π/2 BPSK	1	1		17.8		0	18.6		17.6		0	18.7
		1	23		17.9		0	18.6		17.8		0	18.7

NR Band 30 Measured Results (ANT3)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				462000	462000	462000	MPR	Max Power	462000	462000	462000	MPR	Max Power
				2310 MHz	2310 MHz	2310 MHz			2310 MHz	2310 MHz	2310 MHz		
10	π/2 BPSK	1	1		20.3		0	21.7		18.1		0	19.2
		1	50		20.3		0	21.7		17.9		0	19.2
		25	14		20.5		0	21.7		18.0		0	19.2
	QPSK	1	1		20.4		0	21.7		17.9		0	19.2
		1	50		20.5		0	21.7		18.1		0	19.2
		25	14		20.5		0	21.7		18.0		0	19.2
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				461500	462000	462500	MPR	Max Power	461500	462000	462500	MPR	Max Power
				2307.5 MHz	2310 MHz	2312.5 MHz			2307.5 MHz	2310 MHz	2312.5 MHz		
5	π/2 BPSK	1	1		20.8		0	21.7		18.3		0	19.2
		1	23		20.8		0	21.7		18.2		0	19.2

NR Band 30 Measured Results (ANT4)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				462000	462000	462000	MPR	Max Power	462000	462000	462000	MPR	Max Power
				2310 MHz	2310 MHz	2310 MHz			2310 MHz	2310 MHz	2310 MHz		
10	π/2 BPSK	1	1		17.5		0	18.5		18.9		0	20.2
		1	50		17.6		0	18.5		19.3		0	20.2
		25	14		17.5		0	18.5		19.1		0	20.2
	QPSK	1	1		17.5		0	18.5		19.2		0	20.2
		1	50		17.5		0	18.5		19.4		0	20.2
		25	14		17.5		0	18.5		19.1		0	20.2
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				461500	462000	462500	MPR	Max Power	461500	462000	462500	MPR	Max Power
				2307.5 MHz	2310 MHz	2312.5 MHz			2307.5 MHz	2310 MHz	2312.5 MHz		
5	π/2 BPSK	1	1		17.5		0	18.5		19.3		0	20.2
		1	23		17.7		0	18.5		19.4		0	20.2

NR Band 41 Measured Results (ANT1)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
										MPR	Max Power							MPR	Max Power
100	π/2 BPSK	1	1				20.2			0	21.4				18.1			0	18.9
		1	271				20.3			0	21.4				18.2			0	18.9
		135	69				20.1			0	21.4				18.1			0	18.9
	QPSK	1	1				20.3			0	21.4				18.3			0	18.9
		1	271				20.2			0	21.4				18.2			0	18.9
		135	69				20.1			0	21.4				18.1			0	18.9
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				508200	509004	513402	518598	523800	528996	MPR	Max Power	508200	509004	513402	518598	523800	528996	MPR	Max Power
				2541 MHz	2545.02 MHz	2567.01 MHz	2592.99 MHz	2619 MHz	2644.98 MHz			2541 MHz	2545.02 MHz	2567.01 MHz	2592.99 MHz	2619 MHz	2644.98 MHz		
90	π/2 BPSK	1	1				20.2			0	21.4				18.3			0	18.9
		1	243				20.3			0	21.4				18.3			0	18.9
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				507204	508002	512904	518598	524298	529992	MPR	Max Power	507204	508002	512904	518598	524298	529992	MPR	Max Power
				2536.02 MHz	2540.01 MHz	2564.52 MHz	2592.99 MHz	2621.49 MHz	2649.96 MHz			2536.02 MHz	2540.01 MHz	2564.52 MHz	2592.99 MHz	2621.49 MHz	2649.96 MHz		
80	π/2 BPSK	1	1				20.2			0	21.4				18.5			0	18.9
		1	215				20.3			0	21.4				18.3			0	18.9
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				506202	507000	512400	518598	524802	530994	MPR	Max Power	506202	507000	512400	518598	524802	530994	MPR	Max Power
				2531.01 MHz	2535 MHz	2562 MHz	2592.99 MHz	2624.01 MHz	2654.97 MHz			2531.01 MHz	2535 MHz	2562 MHz	2592.99 MHz	2624.01 MHz	2654.97 MHz		
70	π/2 BPSK	1	1				20.4			0	21.4				18.5			0	18.9
		1	187				20.3			0	21.4				18.3			0	18.9
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				505200	506004	511902	518598	525300	531996	MPR	Max Power	505200	506004	511902	518598	525300	531996	MPR	Max Power
				2526 MHz	2530.02 MHz	2559.51 MHz	2592.99 MHz	2626.5 MHz	2659.98 MHz			2526 MHz	2530.02 MHz	2559.51 MHz	2592.99 MHz	2626.5 MHz	2659.98 MHz		
60	π/2 BPSK	1	1				20.4			0	21.4				18.4			0	18.9
		1	160				20.2			0	21.4				18.3			0	18.9
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				504204	505002	511404	518598	525798	532992	MPR	Max Power	504204	505002	511404	518598	525798	532992	MPR	Max Power
				2521.02 MHz	2525.01 MHz	2557.02 MHz	2592.99 MHz	2628.99 MHz	2664.96 MHz			2521.02 MHz	2525.01 MHz	2557.02 MHz	2592.99 MHz	2628.99 MHz	2664.96 MHz		
50	π/2 BPSK	1	1				20.4			0	21.4				18.3			0	18.9
		1	131				20.4			0	21.4				18.3			0	18.9
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				503202	504000	510900	518598	526302	533994	MPR	Max Power	503202	504000	510900	518598	526302	533994	MPR	Max Power
				2516.01 MHz	2520 MHz	2554.5 MHz	2592.99 MHz	2631.51 MHz	2669.97 MHz			2516.01 MHz	2520 MHz	2554.5 MHz	2592.99 MHz	2631.51 MHz	2669.97 MHz		
40	π/2 BPSK	1	1	20.6	20.6	20.6	20.5	20.5	20.5	0	21.4	18.7	18.6	18.6	18.6	18.5	18.5	0	18.9
		1	104	20.7	20.6	20.5	20.5	20.5	20.7	0	21.4	18.6	18.6	18.6	18.6	18.6	18.7	0	18.9
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				502200	503004	510402	518598	526800	534996	MPR	Max Power	502200	503004	510402	518598	526800	534996	MPR	Max Power
				2511 MHz	2515.02 MHz	2552.01 MHz	2592.99 MHz	2634 MHz	2674.98 MHz			2511 MHz	2515.02 MHz	2552.01 MHz	2592.99 MHz	2634 MHz	2674.98 MHz		
30	π/2 BPSK	1	1	20.6	20.5	20.5	20.5	20.4	20.5	0	21.4	18.6	18.6	18.5	18.5	18.5	18.5	0	18.9
		1	76	20.6	20.6	20.5	20.5	20.6	20.7	0	21.4	18.6	18.6	18.6	18.6	18.6	18.7	0	18.9
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				501204	502002	509904	518598	527298	535992	MPR	Max Power	501204	502002	509904	518598	527298	535992	MPR	Max Power
				2506.02 MHz	2510.01 MHz	2549.52 MHz	2592.99 MHz	2636.49 MHz	2679.96 MHz			2506.02 MHz	2510.01 MHz	2549.52 MHz	2592.99 MHz	2636.49 MHz	2679.96 MHz		
20	π/2 BPSK	1	1	20.6	20.6	20.4	20.5	20.4	20.6	0	21.4	18.6	18.6	18.5	18.5	18.4	18.5	0	18.9
		1	49	20.5	20.4	20.5	20.4	20.4	20.5	0	21.4	18.5	18.5	18.5	18.5	18.4	18.5	0	18.9
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				500700	501504	509652	518598	527550	536496	MPR	Max Power	500700	501504	509652	518598	527550	536496	MPR	Max Power
				2503.5 MHz	2507.52 MHz	2548.26 MHz	2592.99 MHz	2637.75 MHz	2682.48 MHz			2503.5 MHz	2507.52 MHz	2548.26 MHz	2592.99 MHz	2637.75 MHz	2682.48 MHz		
15	π/2 BPSK	1	1	20.6	20.5	20.5	20.4	20.5	20.5	0	21.4	18.7	18.5	18.4	18.5	18.5	18.5	0	18.9
		1	36	20.5	20.5	20.4	20.5	20.5	20.6	0	21.4	18.5	18.6	18.5	18.6	18.5	18.6	0	18.9
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				500202	501000	509400	518598	527802	536994	MPR	Max Power	500202	501000	509400	518598	527802	536994	MPR	Max Power
				2501.01 MHz	2505 MHz	2547 MHz	2592.99 MHz	2639.01 MHz	2684.97 MHz			2501.01 MHz	2505 MHz	2547 MHz	2592.99 MHz	2639.01 MHz	2684.97 MHz		
10	π/2 BPSK	1	1	20.4	20.4	20.3	20.3	20.3	20.4	0	21.4	18.6	18.4	18.3	18.3	18.3	18.3	0	18.9
		1	22	20.5	20.4	20.4	20.3	20.3	20.5	0	21.4	18.4	18.4	18.3	18.4	18.3	18.5	0	18.9

NR Band 41 Measured Results (ANT2)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				509202	510000	513900	518598	523302	527994	MPR	Max Power	509202	510000	513900	518598	523302	527994	MPR	Max Power
				2546.01 MHz	2550 MHz	2569.5 MHz	2592.99 MHz	2616.51 MHz	2639.97 MHz			2546.01 MHz	2550 MHz	2569.5 MHz	2592.99 MHz	2616.51 MHz	2639.97 MHz		
100	π/2 BPSK	1	1				16.6			0	17.9				17.0			0	18.3
		1	271				16.6			0	17.9				16.9			0	18.3
		135	69				16.6			0	17.9				16.9			0	18.3
	QPSK	1	1				16.6			0	17.9				17.1			0	18.3
		1	271				16.5			0	17.9				16.9			0	18.3
		135	69				16.5			0	17.9				16.9			0	18.3
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				508200	509004	513402	518598	523800	528996	MPR	Max Power	508200	509004	513402	518598	523800	528996	MPR	Max Power
				2541 MHz	2545.02 MHz	2567.01 MHz	2592.99 MHz	2619 MHz	2644.98 MHz			2541 MHz	2545.02 MHz	2567.01 MHz	2592.99 MHz	2619 MHz	2644.98 MHz		
90	π/2 BPSK	1	1				16.6			0	17.9				17.1			0	18.3
		1	243				16.7			0	17.9				17.1			0	18.3
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				507204	508002	512904	518598	524298	529992	MPR	Max Power	507204	508002	512904	518598	524298	529992	MPR	Max Power
				2536.02 MHz	2540.01 MHz	2564.52 MHz	2592.99 MHz	2621.49 MHz	2649.96 MHz			2536.02 MHz	2540.01 MHz	2564.52 MHz	2592.99 MHz	2621.49 MHz	2649.96 MHz		
80	π/2 BPSK	1	1				16.7			0	17.9				17.0			0	18.3
		1	215				16.6			0	17.9				17.0			0	18.3
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				506202	507000	512400	518598	524802	530994	MPR	Max Power	506202	507000	512400	518598	524802	530994	MPR	Max Power
				2531.01 MHz	2535 MHz	2562 MHz	2592.99 MHz	2624.01 MHz	2654.97 MHz			2531.01 MHz	2535 MHz	2562 MHz	2592.99 MHz	2624.01 MHz	2654.97 MHz		
70	π/2 BPSK	1	1				16.6			0	17.9				17.1			0	18.3
		1	187				16.7			0	17.9				17.1			0	18.3
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				505200	506004	511902	518598	525300	531996	MPR	Max Power	505200	506004	511902	518598	525300	531996	MPR	Max Power
				2526 MHz	2530.02 MHz	2559.51 MHz	2592.99 MHz	2626.5 MHz	2659.98 MHz			2526 MHz	2530.02 MHz	2559.51 MHz	2592.99 MHz	2626.5 MHz	2659.98 MHz		
60	π/2 BPSK	1	1				16.8			0	17.9				17.2			0	18.3
		1	160				16.7			0	17.9				17.1			0	18.3
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				504204	505002	511404	518598	525798	532992	MPR	Max Power	504204	505002	511404	518598	525798	532992	MPR	Max Power
				2521.02 MHz	2525.01 MHz	2557.02 MHz	2592.99 MHz	2628.99 MHz	2664.96 MHz			2521.02 MHz	2525.01 MHz	2557.02 MHz	2592.99 MHz	2628.99 MHz	2664.96 MHz		
50	π/2 BPSK	1	1				16.9			0	17.9				17.2			0	18.3
		1	131				16.7			0	17.9				17.1			0	18.3
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				503202	504000	510900	518598	526302	533994	MPR	Max Power	503202	504000	510900	518598	526302	533994	MPR	Max Power
				2516.01 MHz	2520 MHz	2554.5 MHz	2592.99 MHz	2631.51 MHz	2669.97 MHz			2516.01 MHz	2520 MHz	2554.5 MHz	2592.99 MHz	2631.51 MHz	2669.97 MHz		
40	π/2 BPSK	1	1	17.0	16.8	16.9	16.8	16.7	16.8	0	17.9	17.4	17.3	17.3	17.2	17.2	17.1	0	18.3
		1	104	16.9	16.8	16.8	16.8	16.8	16.8	0	17.9	17.4	17.3	17.2	17.2	17.2	17.2	0	18.3
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				502200	503004	510402	518598	526800	534996	MPR	Max Power	502200	503004	510402	518598	526800	534996	MPR	Max Power
				2511 MHz	2515.02 MHz	2552.01 MHz	2592.99 MHz	2634 MHz	2674.98 MHz			2511 MHz	2515.02 MHz	2552.01 MHz	2592.99 MHz	2634 MHz	2674.98 MHz		
30	π/2 BPSK	1	1	16.9	16.8	16.8	16.7	16.6	16.5	0	17.9	17.2	17.3	17.3	17.2	17.1	17.1	0	18.3
		1	76	16.9	16.9	16.9	16.8	16.8	16.8	0	17.9	17.3	17.4	17.2	17.2	17.1	17.2	0	18.3
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				501204	502002	509904	518598	527298	535992	MPR	Max Power	501204	502002	509904	518598	527298	535992	MPR	Max Power
				2506.02 MHz	2510.01 MHz	2549.52 MHz	2592.99 MHz	2636.49 MHz	2679.96 MHz			2506.02 MHz	2510.01 MHz	2549.52 MHz	2592.99 MHz	2636.49 MHz	2679.96 MHz		
20	π/2 BPSK	1	1	17.0	16.9	16.8	16.8	16.6		0	17.9	17.3	17.2	17.3	17.2	17.1	17.1	0	18.3
		1	49	17.0	16.9	16.8	16.8	16.6	16.7	0	17.9	17.3	17.4	17.2	17.2	17.0	17.1	0	18.3
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				500700	501504	509652	518598	527550	536496	MPR	Max Power	500700	501504	509652	518598	527550	536496	MPR	Max Power
				2503.5 MHz	2507.52 MHz	2548.26 MHz	2592.99 MHz	2637.75 MHz	2682.48 MHz			2503.5 MHz	2507.52 MHz	2548.26 MHz	2592.99 MHz	2637.75 MHz	2682.48 MHz		
15	π/2 BPSK	1	1	17.1	16.9	16.9	16.9	16.8	16.6	0	17.9	17.4	17.2	17.3	17.2	17.2	17.1	0	18.3
		1	36	17.0	16.9	16.9	16.8	16.9	16.7	0	17.9	17.4	17.4	17.3	17.2	17.3	17.1	0	18.3
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				500202	501000	509400	518598	527802	536994	MPR	Max Power	500202	501000	509400	518598	527802	536994	MPR	Max Power
				2501.01 MHz	2505 MHz	2547 MHz	2592.99 MHz	2639.01 MHz	2684.97 MHz			2501.01 MHz	2505 MHz	2547 MHz	2592.99 MHz	2639.01 MHz	2684.97 MHz		
10	π/2 BPSK	1	1	17.0	16.7	16.6	17.0	16.5	16.5	0	17.9	17.2	17.0	17.1	17.0	17.0	17.0	0	18.3
		1	22	16.8	16.7	16.7	16.6	16.6	16.6	0	17.9	17.2	17.1	17.1	17.0	17.0	17.0	0	18.3

NR Band 41 Measured Results (ANT3)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				509202	510000	513900	518598	523302	527994	MPR	Max Power	509202	510000	513900	518598	523302	527994	MPR	Max Power
				2546.01 MHz	2550 MHz	2569.5 MHz	2592.99 MHz	2616.51 MHz	2639.97 MHz			2546.01 MHz	2550 MHz	2569.5 MHz	2592.99 MHz	2616.51 MHz	2639.97 MHz		
100	π/2 BPSK	1	1				21.2			0	22.2				18.7			0	19.5
		1	271				21.1			0	22.2				18.4			0	19.5
		135	69				21.3			0	22.2				18.6			0	19.5
	QPSK	1	1				21.3			0	22.2				18.6			0	19.5
		1	271				21.2			0	22.2				18.4			0	19.5
		135	69				21.3			0	22.2				18.5			0	19.5
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				508200	509004	513402	518598	523800	528996	MPR	Max Power	508200	509004	513402	518598	523800	528996	MPR	Max Power
				2541 MHz	2545.02 MHz	2567.01 MHz	2592.99 MHz	2619 MHz	2644.98 MHz			2541 MHz	2545.02 MHz	2567.01 MHz	2592.99 MHz	2619 MHz	2644.98 MHz		
90	π/2 BPSK	1	1				21.4			0	22.2				18.7			0	19.5
		1	243				21.4			0	22.2				18.8			0	19.5
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				507204	508002	512904	518598	524298	529992	MPR	Max Power	507204	508002	512904	518598	524298	529992	MPR	Max Power
				2536.02 MHz	2540.01 MHz	2564.52 MHz	2592.99 MHz	2621.49 MHz	2649.96 MHz			2536.02 MHz	2540.01 MHz	2564.52 MHz	2592.99 MHz	2621.49 MHz	2649.96 MHz		
80	π/2 BPSK	1	1				21.5			0	22.2				18.7			0	19.5
		1	215				21.5			0	22.2				18.8			0	19.5
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				506202	507000	512400	518598	524802	530994	MPR	Max Power	506202	507000	512400	518598	524802	530994	MPR	Max Power
				2531.01 MHz	2535 MHz	2562 MHz	2592.99 MHz	2624.01 MHz	2654.97 MHz			2531.01 MHz	2535 MHz	2562 MHz	2592.99 MHz	2624.01 MHz	2654.97 MHz		
70	π/2 BPSK	1	1				21.4			0	22.2				18.8			0	19.5
		1	187				21.5			0	22.2				18.9			0	19.5
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				505200	506004	511902	518598	525300	531996	MPR	Max Power	505200	506004	511902	518598	525300	531996	MPR	Max Power
				2526 MHz	2530.02 MHz	2559.51 MHz	2592.99 MHz	2626.5 MHz	2659.98 MHz			2526 MHz	2530.02 MHz	2559.51 MHz	2592.99 MHz	2626.5 MHz	2659.98 MHz		
60	π/2 BPSK	1	1				21.5			0	22.2				18.8			0	19.5
		1	160				21.6			0	22.2				18.8			0	19.5
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				504204	505002	511404	518598	525798	532992	MPR	Max Power	504204	505002	511404	518598	525798	532992	MPR	Max Power
				2521.02 MHz	2525.01 MHz	2557.02 MHz	2592.99 MHz	2628.99 MHz	2664.96 MHz			2521.02 MHz	2525.01 MHz	2557.02 MHz	2592.99 MHz	2628.99 MHz	2664.96 MHz		
50	π/2 BPSK	1	1				21.6			0	22.2				18.8			0	19.5
		1	131				21.7			0	22.2				19.0			0	19.5
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				503202	504000	510900	518598	526302	533994	MPR	Max Power	503202	504000	510900	518598	526302	533994	MPR	Max Power
				2516.01 MHz	2520 MHz	2554.5 MHz	2592.99 MHz	2631.51 MHz	2669.97 MHz			2516.01 MHz	2520 MHz	2554.5 MHz	2592.99 MHz	2631.51 MHz	2669.97 MHz		
40	π/2 BPSK	1	1	20.8	21.2	21.6	21.9	21.7	21.5	0	22.2	18.1	18.5	18.8	19.0	19.0	18.9	0	19.5
		1	104	21.6	21.6	21.8	21.9	21.6	21.6	0	22.2	19.0	19.0	19.0	19.2	18.9	18.9	0	19.5
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				502200	503004	510402	518598	526800	534996	MPR	Max Power	502200	503004	510402	518598	526800	534996	MPR	Max Power
				2511 MHz	2515.02 MHz	2552.01 MHz	2592.99 MHz	2634 MHz	2674.98 MHz			2511 MHz	2515.02 MHz	2552.01 MHz	2592.99 MHz	2634 MHz	2674.98 MHz		
30	π/2 BPSK	1	1	20.7	21.1	21.5	21.8	21.7	21.5	0	22.2	17.9	18.5	18.8	19.0	19.0	18.8	0	19.5
		1	76	21.6	21.7	21.8	21.8	21.6	21.6	0	22.2	18.9	18.9	19.1	19.2	18.8	18.9	0	19.5
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				501204	502002	509904	518598	527298	535992	MPR	Max Power	501204	502002	509904	518598	527298	535992	MPR	Max Power
				2506.02 MHz	2510.01 MHz	2549.52 MHz	2592.99 MHz	2636.49 MHz	2679.96 MHz			2506.02 MHz	2510.01 MHz	2549.52 MHz	2592.99 MHz	2636.49 MHz	2679.96 MHz		
20	π/2 BPSK	1	1	20.7	21.1	21.5	21.7	21.6	21.5	0	22.2	18.0	18.3	18.7	19.0	18.8	18.6	0	19.5
		1	49	21.3	21.5	21.5	21.7	21.5	21.4	0	22.2	18.7	18.7	18.8	19.0	18.8	18.6	0	19.5
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				500700	501504	509652	518598	527550	536496	MPR	Max Power	500700	501504	509652	518598	527550	536496	MPR	Max Power
				2503.5 MHz	2507.52 MHz	2548.26 MHz	2592.99 MHz	2637.75 MHz	2682.48 MHz			2503.5 MHz	2507.52 MHz	2548.26 MHz	2592.99 MHz	2637.75 MHz	2682.48 MHz		
15	π/2 BPSK	1	1	20.6	21.1	21.6	21.7	21.5	21.4	0	22.2	18.0	18.4	18.8	19.0	18.9	18.8	0	19.5
		1	36	21.3	21.4	21.6	21.8	21.5	21.4	0	22.2	18.7	18.7	18.9	19.0	18.7	18.7	0	19.5
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				500202	501000	509400	518598	527802	536994	MPR	Max Power	500202	501000	509400	518598	527802	536994	MPR	Max Power
				2501.01 MHz	2505 MHz	2547 MHz	2592.99 MHz	2639.01 MHz	2684.97 MHz			2501.01 MHz	2505 MHz	2547 MHz	2592.99 MHz	2639.01 MHz	2684.97 MHz		
10	π/2 BPSK	1	1	20.6	20.9	21.4	21.4	21.4	21.3	0	22.2	17.8	18.2	18.8	18.8	18.7	18.7	0	19.5
		1	22	21.2	21.3	21.4	21.7	21.3	21.4	0	22.2	18.4	18.6	18.7	18.9	18.7	18.6	0	19.5

NR Band 41 Measured Results (ANT4)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				509202	510000	513900	518598	523302	527994	MPR	Max Power	509202	510000	513900	518598	523302	527994	MPR	Max Power
				2546.01 MHz	2550 MHz	2569.5 MHz	2592.99 MHz	2616.51 MHz	2639.97 MHz			2546.01 MHz	2550 MHz	2569.5 MHz	2592.99 MHz	2616.51 MHz	2639.97 MHz		
100	π/2 BPSK	1	1				18.2			0	19				18.8			0	19.5
		1	271				18.5			0	19				18.9			0	19.5
		135	69				18.4			0	19				18.6			0	19.5
	QPSK	1	1				18.3			0	19				18.9			0	19.5
		1	271				18.3			0	19				18.9			0	19.5
		135	69				18.1			0	19				18.6			0	19.5
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				508200	509004	513402	518598	523800	528996	MPR	Max Power	508200	509004	513402	518598	523800	528996	MPR	Max Power
				2541 MHz	2545.02 MHz	2567.01 MHz	2592.99 MHz	2619 MHz	2644.98 MHz			2541 MHz	2545.02 MHz	2567.01 MHz	2592.99 MHz	2619 MHz	2644.98 MHz		
90	π/2 BPSK	1	1				18.2			0	19				18.7			0	19.5
		1	243				18.2			0	19				18.7			0	19.5
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				507204	508002	512904	518598	524298	529992	MPR	Max Power	507204	508002	512904	518598	524298	529992	MPR	Max Power
				2536.02 MHz	2540.01 MHz	2564.52 MHz	2592.99 MHz	2621.49 MHz	2649.96 MHz			2536.02 MHz	2540.01 MHz	2564.52 MHz	2592.99 MHz	2621.49 MHz	2649.96 MHz		
80	π/2 BPSK	1	1				18.1			0	19				18.7			0	19.5
		1	215				18.1			0	19				18.6			0	19.5
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				506202	507000	512400	518598	524802	530994	MPR	Max Power	506202	507000	512400	518598	524802	530994	MPR	Max Power
				2531.01 MHz	2535 MHz	2562 MHz	2592.99 MHz	2624.01 MHz	2654.97 MHz			2531.01 MHz	2535 MHz	2562 MHz	2592.99 MHz	2624.01 MHz	2654.97 MHz		
70	π/2 BPSK	1	1				18.1			0	19				18.7			0	19.5
		1	187				18.1			0	19				18.5			0	19.5
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				505200	506004	511902	518598	525300	531996	MPR	Max Power	505200	506004	511902	518598	525300	531996	MPR	Max Power
				2526 MHz	2530.02 MHz	2559.51 MHz	2592.99 MHz	2626.5 MHz	2659.98 MHz			2526 MHz	2530.02 MHz	2559.51 MHz	2592.99 MHz	2626.5 MHz	2659.98 MHz		
60	π/2 BPSK	1	1				18.1			0	19				18.7			0	19.5
		1	160				18.2			0	19				18.7			0	19.5
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				504204	505002	511404	518598	525798	532992	MPR	Max Power	504204	505002	511404	518598	525798	532992	MPR	Max Power
				2521.02 MHz	2525.01 MHz	2557.02 MHz	2592.99 MHz	2628.99 MHz	2664.96 MHz			2521.02 MHz	2525.01 MHz	2557.02 MHz	2592.99 MHz	2628.99 MHz	2664.96 MHz		
50	π/2 BPSK	1	1				18.1			0	19				18.7			0	19.5
		1	131				18.2			0	19				18.7			0	19.5
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				503202	504000	510900	518598	526302	533994	MPR	Max Power	503202	504000	510900	518598	526302	533994	MPR	Max Power
				2516.01 MHz	2520 MHz	2554.5 MHz	2592.99 MHz	2631.51 MHz	2669.97 MHz			2516.01 MHz	2520 MHz	2554.5 MHz	2592.99 MHz	2631.51 MHz	2669.97 MHz		
40	π/2 BPSK	1	1	18.5	18.4	18.4	18.4	18.3	18.4	0	19	18.9	18.9	18.9	18.9	18.9	18.9	0	19.5
		1	104	18.5	18.5	18.5	18.2	18.5	18.6	0	19	19.0	19.0	18.9	18.8	18.9	19.1	0	19.5
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				502200	503004	510402	518598	526800	534996	MPR	Max Power	502200	503004	510402	518598	526800	534996	MPR	Max Power
				2511 MHz	2515.02 MHz	2552.01 MHz	2592.99 MHz	2634 MHz	2674.98 MHz			2511 MHz	2515.02 MHz	2552.01 MHz	2592.99 MHz	2634 MHz	2674.98 MHz		
30	π/2 BPSK	1	1	18.2	18.9	18.5	18.4	18.3	18.6	0	19	18.8	18.3	19.0	18.7	18.8	18.9	0	19.5
		1	76	18.6	19.0	18.4	18.3	18.5	18.7	0	19	19.1	18.5	19.0	18.9	19.0	19.1	0	19.5
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				501204	502002	509904	518598	527298	535992	MPR	Max Power	501204	502002	509904	518598	527298	535992	MPR	Max Power
				2506.02 MHz	2510.01 MHz	2549.52 MHz	2592.99 MHz	2636.49 MHz	2679.96 MHz			2506.02 MHz	2510.01 MHz	2549.52 MHz	2592.99 MHz	2636.49 MHz	2679.96 MHz		
20	π/2 BPSK	1	1	18.1	18.8	18.4	18.2	18.2	18.4	0	19	18.7	18.2	18.7	18.6	18.8	18.9	0	19.5
		1	49	18.3	18.8	18.2	18.2	18.3	18.5	0	19	18.4	18.3	18.8	18.6	18.8	18.9	0	19.5
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				500700	501504	509652	518598	527550	536496	MPR	Max Power	500700	501504	509652	518598	527550	536496	MPR	Max Power
				2503.5 MHz	2507.52 MHz	2548.26 MHz	2592.99 MHz	2637.75 MHz	2682.48 MHz			2503.5 MHz	2507.52 MHz	2548.26 MHz	2592.99 MHz	2637.75 MHz	2682.48 MHz		
15	π/2 BPSK	1	1	18.1	18.2	18.4	18.2	18.2	18.5	0	19	18.5	18.7	18.8	18.8	18.9	19.0	0	19.5
		1	36	18.3	18.4	18.2	18.2	18.2	18.5	0	19	18.8	18.9	18.8	18.7	18.8	19.0	0	19.5
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				500202	501000	509400	518598	527802	536994	MPR	Max Power	500202	501000	509400	518598	527802	536994	MPR	Max Power
				2501.01 MHz	2505 MHz	2547 MHz	2592.99 MHz	2639.01 MHz	2684.97 MHz			2501.01 MHz	2505 MHz	2547 MHz	2592.99 MHz	2639.01 MHz	2684.97 MHz		
10	π/2 BPSK	1	1	18.0	18.0	18.2	18.0	18.1	18.4	0	19	18.5	18.6	18.6	18.5	18.6	18.8	0	19.5
		1	22	18.2	18.2	18.1	18.0	18.2	18.4	0	19	18.7	18.7	18.7	18.5	18.7	18.9	0	19.5

NR Band 48 Measured Results (ANT7)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)						Mode B Power (dBm)					
				638002	640446	642890	645332	MPR	Max Power	638002	640446	642890	645332	MPR	Max Power
				3570.03 MHz	3606.69 MHz	3643.35 MHz	3679.98 MHz			3570.03 MHz	3606.69 MHz	3643.35 MHz	3679.98 MHz		
40	π/2 BPSK	1	1			21.4		0	22.2			18.8		0	19.2
		1	104			21.5		0	22.2			18.8		0	19.2
		50	28			21.4		0	22.2			18.6		0	19.2
	QPSK	1	1			21.4		0	22.2			18.8		0	19.2
		1	104			21.7		0	22.2			18.7		0	19.2
		50	28			21.4		0	22.2			18.7		0	19.2
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)						Mode B Power (dBm)					
				637668	640334	643000	645666	MPR	Max Power	637668	640334	643000	645666	MPR	Max Power
				3565.02 MHz	3605.01 MHz	3645 MHz	3684.99 MHz			3565.02 MHz	3605.01 MHz	3645 MHz	3684.99 MHz		
30	π/2 BPSK	1	1	21.4	21.5	21.6	21.6	0	22.2	18.4	18.5	18.4	18.5	0	19.2
		1	76	21.3	21.5	21.4	21.5	0	22.2	18.5	18.4	18.4	18.3	0	19.2
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)						Mode B Power (dBm)					
				637336	640224	643112	645998	MPR	Max Power	637336	640224	643112	645998	MPR	Max Power
				3560.04 MHz	3603.36 MHz	3646.68 MHz	3689.97 MHz			3560.04 MHz	3603.36 MHz	3646.68 MHz	3689.97 MHz		
20	π/2 BPSK	1	1	21.3	21.4	21.5	21.5	0	22.2	18.3	18.5	18.4	18.3	0	19.2
		1	49	21.3	21.5	21.5	21.5	0	22.2	18.3	18.4	18.4	18.2	0	19.2
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)						Mode B Power (dBm)					
				637168	640168	643168	646166	MPR	Max Power	637168	640168	643168	646166	MPR	Max Power
				3557.52 MHz	3602.52 MHz	3647.52 MHz	3692.49 MHz			3557.52 MHz	3602.52 MHz	3647.52 MHz	3692.49 MHz		
15	π/2 BPSK	1	1	21.2	21.4	21.5	21.3	0	22.2	18.4	18.4	18.4	18.3	0	19.2
		1	36	21.3	21.5	21.5	21.5	0	22.2	18.4	18.4	18.4	18.2	0	19.2
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)						Mode B Power (dBm)					
				637002	640112	643224	646332	MPR	Max Power	637002	640112	643224	646332	MPR	Max Power
				3555.03 MHz	3601.68 MHz	3648.36 MHz	3694.98 MHz			3555.03 MHz	3601.68 MHz	3648.36 MHz	3694.98 MHz		
10	π/2 BPSK	1	1	21.1	21.2	21.3	21.2	0	22.2	18.2	18.2	18.2	18.2	0	19.2
		1	22	21.3	21.3	21.3	21.2	0	22.2	18.2	18.2	18.2	18.2	0	19.2

NR Band 48 Measured Results (ANT8)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)						Mode B Power (dBm)					
				638002	640446	642890	645332	MPR	Max Power	638002	640446	642890	645332	MPR	Max Power
				3570.03 MHz	3606.69 MHz	3643.35 MHz	3679.98 MHz			3570.03 MHz	3606.69 MHz	3643.35 MHz	3679.98 MHz		
40	π/2 BPSK	1	1			17.1		0	18.5			15.9		0	17.4
		1	104			17.2		0	18.5			16.1		0	17.4
		50	28			17.1		0	18.5			15.9		0	17.4
	QPSK	1	1			17.1		0	18.5			16.0		0	17.4
		1	104			17.2		0	18.5			16.0		0	17.4
		50	28			17.0		0	18.5			15.9		0	17.4
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)						Mode B Power (dBm)					
				637668	640334	643000	645666	MPR	Max Power	637668	640334	643000	645666	MPR	Max Power
				3565.02 MHz	3605.01 MHz	3645 MHz	3684.99 MHz			3565.02 MHz	3605.01 MHz	3645 MHz	3684.99 MHz		
30	π/2 BPSK	1	1	17.5	17.5	17.5	17.4	0	18.5	16.3	16.4	16.5	16.3	0	17.4
		1	76	17.4	17.4	17.4	17.3	0	18.5	16.3	16.3	16.2	16.3	0	17.4
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)						Mode B Power (dBm)					
				637336	640224	643112	645998	MPR	Max Power	637336	640224	643112	645998	MPR	Max Power
				3560.04 MHz	3603.36 MHz	3646.68 MHz	3689.97 MHz			3560.04 MHz	3603.36 MHz	3646.68 MHz	3689.97 MHz		
20	π/2 BPSK	1	1	17.4	17.5	17.5	17.4	0	18.5	16.3	16.3	16.4	16.3	0	17.4
		1	49	17.3	17.5	17.4	17.3	0	18.5	16.4	16.3	16.4	16.3	0	17.4
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)						Mode B Power (dBm)					
				637168	640168	643168	646166	MPR	Max Power	637168	640168	643168	646166	MPR	Max Power
				3557.52 MHz	3602.52 MHz	3647.52 MHz	3692.49 MHz			3557.52 MHz	3602.52 MHz	3647.52 MHz	3692.49 MHz		
15	π/2 BPSK	1	1	17.5	17.5	17.4	17.3	0	18.5	16.4	16.4	16.4	16.3	0	17.4
		1	36	17.4	17.4	17.4	17.4	0	18.5	16.4	16.3	16.3	16.4	0	17.4
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)						Mode B Power (dBm)					
				637002	640112	643224	646332	MPR	Max Power	637002	640112	643224	646332	MPR	Max Power
				3555.03 MHz	3601.68 MHz	3648.36 MHz	3694.98 MHz			3555.03 MHz	3601.68 MHz	3648.36 MHz	3694.98 MHz		
10	π/2 BPSK	1	1	17.3	17.3	17.3	17.2	0	18.5	16.2	16.2	16.2	16.2	0	17.4
		1	22	17.3	17.3	17.3	17.2	0	18.5	16.2	16.2	16.2	16.1	0	17.4

NR Band 48 Measured Results (ANT9)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)						Mode B Power (dBm)					
				638002	640446	642890	645332	MPR	Max Power	638002	640446	642890	645332	MPR	Max Power
				3570.03 MHz	3606.69 MHz	3643.35 MHz	3679.98 MHz			3570.03 MHz	3606.69 MHz	3643.35 MHz	3679.98 MHz		
40	π/2 BPSK	1	1			18.6		0	19.7			14.7		0	15.9
		1	104			18.5		0	19.7			14.7		0	15.9
		50	28			18.4		0	19.7			14.7		0	15.9
	QPSK	1	1			18.5		0	19.7			14.6		0	15.9
		1	104			18.5		0	19.7			14.7		0	15.9
		50	28			18.6		0	19.7			14.6		0	15.9
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)						Mode B Power (dBm)					
				637668	640334	643000	645666	MPR	Max Power	637668	640334	643000	645666	MPR	Max Power
				3565.02 MHz	3605.01 MHz	3645 MHz	3684.99 MHz			3565.02 MHz	3605.01 MHz	3645 MHz	3684.99 MHz		
30	π/2 BPSK	1	1	19.3	19.3	19.3	19.3	0	19.7	15.5	15.5	15.6	15.8	0	15.9
		1	76	19.1	19.3	19.2	19.2	0	19.7	15.4	15.7	15.5	15.7	0	15.9
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)						Mode B Power (dBm)					
				637336	640224	643112	645998	MPR	Max Power	637336	640224	643112	645998	MPR	Max Power
				3560.04 MHz	3603.36 MHz	3646.68 MHz	3689.97 MHz			3560.04 MHz	3603.36 MHz	3646.68 MHz	3689.97 MHz		
20	π/2 BPSK	1	1	19.1	19.2	19.3	19.3	0	19.7	15.4	15.3	15.5	15.5	0	15.9
		1	49	19.2	19.2	19.3	19.2	0	19.7	15.3	15.4	15.4	15.4	0	15.9
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)						Mode B Power (dBm)					
				637168	640168	643168	646166	MPR	Max Power	637168	640168	643168	646166	MPR	Max Power
				3557.52 MHz	3602.52 MHz	3647.52 MHz	3692.49 MHz			3557.52 MHz	3602.52 MHz	3647.52 MHz	3692.49 MHz		
15	π/2 BPSK	1	1	19.2	19.2	19.3	19.2	0	19.7	15.3	15.4	15.5	15.4	0	15.9
		1	36	19.2	19.2	19.2	19.2	0	19.7	15.2	15.5	15.5	15.5	0	15.9
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)						Mode B Power (dBm)					
				637002	640112	643224	646332	MPR	Max Power	637002	640112	643224	646332	MPR	Max Power
				3555.03 MHz	3601.68 MHz	3648.36 MHz	3694.98 MHz			3555.03 MHz	3601.68 MHz	3648.36 MHz	3694.98 MHz		
10	π/2 BPSK	1	1	18.9	19.0	19.0	19.0	0	19.7	15.0	15.3	15.3	15.2	0	15.9
		1	22	18.9	19.0	19.0	19.0	0	19.7	15.1	15.3	15.3	15.2	0	15.9

NR Band 48 Measured Results (ANT4)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)						Mode B Power (dBm)					
				638002	640446	642890	645332	MPR	Max Power	638002	640446	642890	645332	MPR	Max Power
				3570.03 MHz	3606.69 MHz	3643.35 MHz	3679.98 MHz			3570.03 MHz	3606.69 MHz	3643.35 MHz	3679.98 MHz		
40	π/2 BPSK	1	1			20.7		0	21.5			19.3		0	20
		1	104			20.8		0	21.5			19.4		0	20
		50	28			20.6		0	21.5			19.3		0	20
	QPSK	1	1			20.6		0	21.5			19.4		0	20
		1	104			20.8		0	21.5			19.7		0	20
		50	28			20.6		0	21.5			19.3		0	20
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)						Mode B Power (dBm)					
				637668	640334	643000	645666	MPR	Max Power	637668	640334	643000	645666	MPR	Max Power
				3565.02 MHz	3605.01 MHz	3645 MHz	3684.99 MHz			3565.02 MHz	3605.01 MHz	3645 MHz	3684.99 MHz		
30	π/2 BPSK	1	1	20.6	20.6	20.7	20.6	0	21.5	19.4	19.3	19.4	19.3	0	20
		1	76	20.6	20.7	20.7	20.5	0	21.5	19.3	19.3	19.3	19.3	0	20
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)						Mode B Power (dBm)					
				637336	640224	643112	645998	MPR	Max Power	637336	640224	643112	645998	MPR	Max Power
				3560.04 MHz	3603.36 MHz	3646.68 MHz	3689.97 MHz			3560.04 MHz	3603.36 MHz	3646.68 MHz	3689.97 MHz		
20	π/2 BPSK	1	1	20.5	20.6	20.7	20.6	0	21.5	19.2	19.2	19.3	19.2	0	20
		1	49	20.5	20.7	20.7	20.5	0	21.5	19.2	19.3	19.2	19.0	0	20
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)						Mode B Power (dBm)					
				637168	640168	643168	646166	MPR	Max Power	637168	640168	643168	646166	MPR	Max Power
				3557.52 MHz	3602.52 MHz	3647.52 MHz	3692.49 MHz			3557.52 MHz	3602.52 MHz	3647.52 MHz	3692.49 MHz		
15	π/2 BPSK	1	1	20.5	20.6	20.6	20.5	0	21.5	19.2	19.2	19.2	19.1	0	20
		1	36	20.5	20.7	20.6	20.5	0	21.5	19.2	19.2	19.2	19.2	0	20
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)						Mode B Power (dBm)					
				637002	640112	643224	646332	MPR	Max Power	637002	640112	643224	646332	MPR	Max Power
				3555.03 MHz	3601.68 MHz	3648.36 MHz	3694.98 MHz			3555.03 MHz	3601.68 MHz	3648.36 MHz	3694.98 MHz		
10	π/2 BPSK	1	1	20.4	20.4	20.6	20.5	0	21.5	19.2	19.0	19.0	19.1	0	20
		1	22	20.4	20.4	20.5	20.5	0	21.5	19.2	19.0	19.1	19.0	0	20

NR Band 53 Measured Results (ANT1)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				497700	497860	498000	MPR	Max Power	497700	497860	498000	MPR	Max Power
				2488.5 MHz	2489.3 MHz	2490 MHz			2488.5 MHz	2489.3 MHz	2490 MHz		
10	π/2 BPSK	1	1		19.7		0	20.7		19.7		0	20.7
		1	22		20.1		0	20.7		20.1		0	20.7
		12	6		19.6		0	20.7		19.6		0	20.7
	QPSK	1	1		19.6		0	20.7		19.6		0	20.7
		1	22		19.7		0	20.7		19.7		0	20.7
		12	6		19.6		0	20.7		19.6		0	20.7

NR Band 53 Measured Results (ANT2)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				497700	497860	498000	MPR	Max Power	497700	497860	498000	MPR	Max Power
				2488.5 MHz	2489.3 MHz	2490 MHz			2488.5 MHz	2489.3 MHz	2490 MHz		
10	π/2 BPSK	1	1		16.7		0	17.9		18.2		0	19.3
		1	22		16.9		0	17.9		18.2		0	19.3
		12	6		16.6		0	17.9		18.0		0	19.3
	QPSK	1	1		16.8		0	17.9		18.1		0	19.3
		1	22		16.8		0	17.9		18.2		0	19.3
		12	6		16.7		0	17.9		18.1		0	19.3

NR Band 66 Measured Results (ANT1)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				346000	349000	352000	MPR	Max Power	346000	349000	352000	MPR	Max Power
				1730 MHz	1745 MHz	1760 MHz			1730 MHz	1745 MHz	1760 MHz		
40	π/2 BPSK	1	1		24.0		0	25		19.7		0	20.8
		1	214		24.1		0	25		19.9		0	20.8
		108	54		24.2		0	25		20.0		0	20.8
	QPSK	1	1		24.0		0	25		19.7		0	20.8
		1	214		24.1		0	25		19.7		0	20.8
		108	54		24.0		0	25		19.9		0	20.8
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				345500	349000	352500	MPR	Max Power	345500	349000	352500	MPR	Max Power
				1727.5 MHz	1745 MHz	1762.5 MHz			1727.5 MHz	1745 MHz	1762.5 MHz		
35	π/2 BPSK	1	1		24.2		0	25		20.1		0	20.8
		1	186		24.2		0	25		20.1		0	20.8
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				345000	349000	353000	MPR	Max Power	345000	349000	353000	MPR	Max Power
				1725 MHz	1745 MHz	1765 MHz			1725 MHz	1745 MHz	1765 MHz		
30	π/2 BPSK	1	1		24.1		0	25		19.8		0	20.8
		1	158		24.1		0	25		19.8		0	20.8
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				344500	349000	353500	MPR	Max Power	344500	349000	353500	MPR	Max Power
				1722.5 MHz	1745 MHz	1767.5 MHz			1722.5 MHz	1745 MHz	1767.5 MHz		
25	π/2 BPSK	1	1		24.2		0	25		20.1		0	20.8
		1	131		24.2		0	25		20.0		0	20.8
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				344000	349000	354000	MPR	Max Power	344000	349000	354000	MPR	Max Power
				1720 MHz	1745 MHz	1770 MHz			1720 MHz	1745 MHz	1770 MHz		
20	π/2 BPSK	1	1	24.0	24.3	24.1	0	25	20.0	20.0	19.9	0	20.8
		1	104	24.1	24.2	24.1	0	25	19.9	19.9	19.9	0	20.8
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				343500	349000	354500	MPR	Max Power	343500	349000	354500	MPR	Max Power
				1717.5 MHz	1745 MHz	1772.5 MHz			1717.5 MHz	1745 MHz	1772.5 MHz		
15	π/2 BPSK	1	1	24.1	24.3	24.1	0	25	20.0	20.0	19.9	0	20.8
		1	77	24.1	24.3	24.0	0	25	20.0	20.1	19.8	0	20.8
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				343000	349000	355000	MPR	Max Power	343000	349000	355000	MPR	Max Power
				1715 MHz	1745 MHz	1775 MHz			1715 MHz	1745 MHz	1775 MHz		
10	π/2 BPSK	1	1	24.0	24.0	23.9	0	25	19.8	19.7	19.7	0	20.8
		1	50	24.0	23.9	23.9	0	25	19.7	19.8	19.7	0	20.8
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				342500	349000	355500	MPR	Max Power	342500	349000	355500	MPR	Max Power
				1712.5 MHz	1745 MHz	1777.5 MHz			1712.5 MHz	1745 MHz	1777.5 MHz		
5	π/2 BPSK	1	1	24.1	24.1	24.0	0	25	19.8	19.8	19.8	0	20.8
		1	23	24.0	24.1	24.0	0	25	19.8	19.8	19.9	0	20.8

NR Band 66 Measured Results (ANT2)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				346000	349000	352000	MPR	Max Power	346000	349000	352000	MPR	Max Power
				1730 MHz	1745 MHz	1760 MHz			1730 MHz	1745 MHz	1760 MHz		
40	π/2 BPSK	1	1		17.6		0	18.7		16.6		0	17.8
		1	214		17.6		0	18.7		16.6		0	17.8
		108	54		17.5		0	18.7		16.6		0	17.8
	QPSK	1	1		17.6		0	18.7		16.6		0	17.8
		1	214		17.6		0	18.7		16.8		0	17.8
		108	54		17.5		0	18.7		16.7		0	17.8
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				345500	349000	352500	MPR	Max Power	345500	349000	352500	MPR	Max Power
				1727.5 MHz	1745 MHz	1762.5 MHz			1727.5 MHz	1745 MHz	1762.5 MHz		
35	π/2 BPSK	1	1		17.5		0	18.7		16.8		0	17.8
		1	186		17.8		0	18.7		16.9		0	17.8
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				345000	349000	353000	MPR	Max Power	345000	349000	353000	MPR	Max Power
				1725 MHz	1745 MHz	1765 MHz			1725 MHz	1745 MHz	1765 MHz		
30	π/2 BPSK	1	1		17.6		0	18.7		16.4		0	17.8
		1	158		17.8		0	18.7		16.6		0	17.8
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				344500	349000	353500	MPR	Max Power	344500	349000	353500	MPR	Max Power
				1722.5 MHz	1745 MHz	1767.5 MHz			1722.5 MHz	1745 MHz	1767.5 MHz		
25	π/2 BPSK	1	1		17.8		0	18.7		16.8		0	17.8
		1	131		17.6		0	18.7		16.8		0	17.8
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				344000	349000	354000	MPR	Max Power	344000	349000	354000	MPR	Max Power
				1720 MHz	1745 MHz	1770 MHz			1720 MHz	1745 MHz	1770 MHz		
20	π/2 BPSK	1	1	17.6	17.6	17.6	0	18.7	16.8	16.8	16.8	0	17.8
		1	104	17.6	17.7	17.6	0	18.7	16.7	16.8	16.7	0	17.8
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				343500	349000	354500	MPR	Max Power	343500	349000	354500	MPR	Max Power
				1717.5 MHz	1745 MHz	1772.5 MHz			1717.5 MHz	1745 MHz	1772.5 MHz		
15	π/2 BPSK	1	1	17.2	17.5	17.7	0	18.7	16.3	16.7	16.7	0	17.8
		1	77	17.7	17.7	17.6	0	18.7	16.7	16.8	16.7	0	17.8
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				343000	349000	355000	MPR	Max Power	343000	349000	355000	MPR	Max Power
				1715 MHz	1745 MHz	1775 MHz			1715 MHz	1745 MHz	1775 MHz		
10	π/2 BPSK	1	1	17.5	17.4	17.4	0	18.7	16.7	16.4	16.3	0	17.8
		1	50	17.5	17.2	17.6	0	18.7	16.7	16.3	16.5	0	17.8
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				342500	349000	355500	MPR	Max Power	342500	349000	355500	MPR	Max Power
				1712.5 MHz	1745 MHz	1777.5 MHz			1712.5 MHz	1745 MHz	1777.5 MHz		
5	π/2 BPSK	1	1	17.6	17.4	17.5	0	18.7	16.6	16.4	16.4	0	17.8
		1	23	17.7	17.4	17.4	0	18.7	16.7	16.4	16.5	0	17.8

NR Band 66 Measured Results (ANT3)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				346000	349000	352000	MPR	Max Power	346000	349000	352000	MPR	Max Power
				1730 MHz	1745 MHz	1760 MHz			1730 MHz	1745 MHz	1760 MHz		
40	π/2 BPSK	1	1		22.0		0	22.9		19.2		0	20
		1	214		21.9		0	22.9		19.0		0	20
		108	54		22.0		0	22.9		19.1		0	20
	QPSK	1	1		22.0		0	22.9		19.1		0	20
		1	214		22.0		0	22.9		19.0		0	20
		108	54		22.1		0	22.9		19.2		0	20
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				345500	349000	352500	MPR	Max Power	345500	349000	352500	MPR	Max Power
				1727.5 MHz	1745 MHz	1762.5 MHz			1727.5 MHz	1745 MHz	1762.5 MHz		
35	π/2 BPSK	1	1		22.2		0	22.9		19.3		0	20
		1	186		22.1		0	22.9		19.3		0	20
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				345000	349000	353000	MPR	Max Power	345000	349000	353000	MPR	Max Power
				1725 MHz	1745 MHz	1765 MHz			1725 MHz	1745 MHz	1765 MHz		
30	π/2 BPSK	1	1		22.1		0	22.9		19.2		0	20
		1	158		21.9		0	22.9		19.1		0	20
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				344500	349000	353500	MPR	Max Power	344500	349000	353500	MPR	Max Power
				1722.5 MHz	1745 MHz	1767.5 MHz			1722.5 MHz	1745 MHz	1767.5 MHz		
25	π/2 BPSK	1	1		22.3		0	22.9		19.4		0	20
		1	131		22.1		0	22.9		19.3		0	20
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				344000	349000	354000	MPR	Max Power	344000	349000	354000	MPR	Max Power
				1720 MHz	1745 MHz	1770 MHz			1720 MHz	1745 MHz	1770 MHz		
20	π/2 BPSK	1	1	22.2	22.2	22.1	0	22.9	19.2	19.2	19.1	0	20
		1	104	22.2	22.1	22.0	0	22.9	19.3	19.3	19.0	0	20
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				343500	349000	354500	MPR	Max Power	343500	349000	354500	MPR	Max Power
				1717.5 MHz	1745 MHz	1772.5 MHz			1717.5 MHz	1745 MHz	1772.5 MHz		
15	π/2 BPSK	1	1	22.2	22.1	22.0	0	22.9	19.3	19.3	19.2	0	20
		1	77	22.2	22.2	22.0	0	22.9	19.3	19.2	19.1	0	20
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				343000	349000	355000	MPR	Max Power	343000	349000	355000	MPR	Max Power
				1715 MHz	1745 MHz	1775 MHz			1715 MHz	1745 MHz	1775 MHz		
10	π/2 BPSK	1	1	21.9	21.9	21.8	0	22.9	19.0	19.0	18.9	0	20
		1	50	21.9	21.9	21.7	0	22.9	19.1	19.0	18.8	0	20
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				342500	349000	355500	MPR	Max Power	342500	349000	355500	MPR	Max Power
				1712.5 MHz	1745 MHz	1777.5 MHz			1712.5 MHz	1745 MHz	1777.5 MHz		
5	π/2 BPSK	1	1	22.1	21.9	21.9	0	22.9	19.1	19.1	19.0	0	20
		1	23	22.1	21.9	21.8	0	22.9	19.1	19.1	19.0	0	20

NR Band 66 Measured Results (ANT4)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				346000	349000	352000	MPR	Max Power	346000	349000	352000	MPR	Max Power
				1730 MHz	1745 MHz	1760 MHz			1730 MHz	1745 MHz	1760 MHz		
40	π/2 BPSK	1	1		17.9		0	18.7		18.8		0	20
		1	214		17.8		0	18.7		18.8		0	20
		108	54		17.9		0	18.7		18.8		0	20
	QPSK	1	1		17.9		0	18.7		18.9		0	20
		1	214		17.8		0	18.7		18.9		0	20
		108	54		17.9		0	18.7		18.9		0	20
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				345500	349000	352500	MPR	Max Power	345500	349000	352500	MPR	Max Power
				1727.5 MHz	1745 MHz	1762.5 MHz			1727.5 MHz	1745 MHz	1762.5 MHz		
35	π/2 BPSK	1	1		18.1		0	18.7		19.0		0	20
		1	186		17.9		0	18.7		19.0		0	20
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				345000	349000	353000	MPR	Max Power	345000	349000	353000	MPR	Max Power
				1725 MHz	1745 MHz	1765 MHz			1725 MHz	1745 MHz	1765 MHz		
30	π/2 BPSK	1	1		17.8		0	18.7		19.0		0	20
		1	158		17.8		0	18.7		18.5		0	20
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				344500	349000	353500	MPR	Max Power	344500	349000	353500	MPR	Max Power
				1722.5 MHz	1745 MHz	1767.5 MHz			1722.5 MHz	1745 MHz	1767.5 MHz		
25	π/2 BPSK	1	1		18.2		0	18.7		19.0		0	20
		1	131		18.0		0	18.7		18.8		0	20
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				344000	349000	354000	MPR	Max Power	344000	349000	354000	MPR	Max Power
				1720 MHz	1745 MHz	1770 MHz			1720 MHz	1745 MHz	1770 MHz		
20	π/2 BPSK	1	1	18.1	18.0	17.8	0	18.7	19.0	18.9	18.7	0	20
		1	104	18.1	17.9	17.7	0	18.7	18.8	18.9	18.7	0	20
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				343500	349000	354500	MPR	Max Power	343500	349000	354500	MPR	Max Power
				1717.5 MHz	1745 MHz	1772.5 MHz			1717.5 MHz	1745 MHz	1772.5 MHz		
15	π/2 BPSK	1	1	18.1	18.0	17.8	0	18.7	19.0	19.2	18.7	0	20
		1	77	18.1	18.0	17.6	0	18.7	18.9	18.9	18.7	0	20
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				343000	349000	355000	MPR	Max Power	343000	349000	355000	MPR	Max Power
				1715 MHz	1745 MHz	1775 MHz			1715 MHz	1745 MHz	1775 MHz		
10	π/2 BPSK	1	1	17.9	17.8	17.6	0	18.7	18.9	18.8	18.4	0	20
		1	50	17.8	17.5	17.4	0	18.7	18.7	18.6	18.4	0	20
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				342500	349000	355500	MPR	Max Power	342500	349000	355500	MPR	Max Power
				1712.5 MHz	1745 MHz	1777.5 MHz			1712.5 MHz	1745 MHz	1777.5 MHz		
5	π/2 BPSK	1	1	17.9	17.9	17.6	0	18.7	18.9	18.7	18.4	0	20
		1	23	18.0	17.6	17.6	0	18.7	18.9	18.7	18.4	0	20

NR Band 70 Measured Results (ANT1)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				340500	340500	340500	MPR	Max Power	340500	340500	340500	MPR	Max Power
				1702.5 MHz	1702.5 MHz	1702.5 MHz			1702.5 MHz	1702.5 MHz	1702.5 MHz		
15	π/2 BPSK	1	1		24.0		0	25		20.4		0	20.8
		1	77		24.2		0	25		20.1		0	20.8
		36	22		24.2		0	25		20.2		0	20.8
	QPSK	1	1		24.0		0	25		20.0		0	20.8
		1	77		23.9		0	25		20.0		0	20.8
		36	22		23.8		0	25		20.1		0	20.8
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				340000	340500	341000	MPR	Max Power	340000	340500	341000	MPR	Max Power
				1700 MHz	1702.5 MHz	1705 MHz			1700 MHz	1702.5 MHz	1705 MHz		
10	π/2 BPSK	1	1		24.2		0	25		19.8		0	20.8
		1	50		24.2		0	25		19.8		0	20.8
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				339500	340500	341500	MPR	Max Power	339500	340500	341500	MPR	Max Power
				1697.5 MHz	1702.5 MHz	1707.5 MHz			1697.5 MHz	1702.5 MHz	1707.5 MHz		
5	π/2 BPSK	1	1	24.1	23.9	24.4	0	25	19.8	20.0	20.2	0	20.8
		1	23	24.2	24.4	24.2	0	25	20.0	20.2	19.8	0	20.8

NR Band 70 Measured Results (ANT2)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				340500	340500	340500	MPR	Max Power	340500	340500	340500	MPR	Max Power
				1702.5 MHz	1702.5 MHz	1702.5 MHz			1702.5 MHz	1702.5 MHz	1702.5 MHz		
15	π/2 BPSK	1	1		17.8		0	18.7		16.7		0	17.8
		1	77		17.6		0	18.7		16.5		0	17.8
		36	22		17.7		0	18.7		16.6		0	17.8
	QPSK	1	1		17.6		0	18.7		16.8		0	17.8
		1	77		17.6		0	18.7		16.6		0	17.8
		36	22		17.6		0	18.7		16.7		0	17.8
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				340000	340500	341000	MPR	Max Power	340000	340500	341000	MPR	Max Power
				1700 MHz	1702.5 MHz	1705 MHz			1700 MHz	1702.5 MHz	1705 MHz		
10	π/2 BPSK	1	1		17.5		0	18.7		16.4		0	17.8
		1	50		17.4		0	18.7		16.4		0	17.8
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				339500	340500	341500	MPR	Max Power	339500	340500	341500	MPR	Max Power
				1697.5 MHz	1702.5 MHz	1707.5 MHz			1697.5 MHz	1702.5 MHz	1707.5 MHz		
5	π/2 BPSK	1	1	17.4	17.4	17.4	0	18.7	16.6	16.5	16.5	0	17.8
		1	23	17.4	17.4	17.4	0	18.7	16.5	16.5	16.4	0	17.8

NR Band 70 Measured Results (ANT3)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				340500	340500	340500	MPR	Max Power	340500	340500	340500	MPR	Max Power
				1702.5 MHz	1702.5 MHz	1702.5 MHz			1702.5 MHz	1702.5 MHz	1702.5 MHz		
15	π/2 BPSK	1	1		22.0		0	22.9		19.0		0	20
		1	77		22.0		0	22.9		19.2		0	20
		36	22		22.0		0	22.9		19.1		0	20
	QPSK	1	1		22.0		0	22.9		19.3		0	20
		1	77		21.9		0	22.9		19.1		0	20
		36	22		22.1		0	22.9		19.2		0	20
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				340000	340500	341000	MPR	Max Power	340000	340500	341000	MPR	Max Power
				1700 MHz	1702.5 MHz	1705 MHz			1700 MHz	1702.5 MHz	1705 MHz		
10	π/2 BPSK	1	1		22.0		0	22.9		19.0		0	20
		1	50		21.9		0	22.9		19.1		0	20
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				339500	340500	341500	MPR	Max Power	339500	340500	341500	MPR	Max Power
				1697.5 MHz	1702.5 MHz	1707.5 MHz			1697.5 MHz	1702.5 MHz	1707.5 MHz		
5	π/2 BPSK	1	1	21.8	21.8	21.9	0	22.9	19.2	19.1	19.0	0	20
		1	23	22.0	21.8	21.9	0	22.9	19.0	19.2	18.9	0	20

NR Band 70 Measured Results (ANT4)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				340500	340500	340500	MPR	Max Power	340500	340500	340500	MPR	Max Power
				1702.5 MHz	1702.5 MHz	1702.5 MHz			1702.5 MHz	1702.5 MHz	1702.5 MHz		
15	π/2 BPSK	1	1		18.4		0	18.7		18.6		0	20
		1	77		18.4		0	18.7		18.6		0	20
		36	22		18.3		0	18.7		18.6		0	20
	QPSK	1	1		18.5		0	18.7		18.8		0	20
		1	77		18.4		0	18.7		18.8		0	20
		36	22		18.5		0	18.7		18.7		0	20
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				340000	340500	341000	MPR	Max Power	340000	340500	341000	MPR	Max Power
				1700 MHz	1702.5 MHz	1705 MHz			1700 MHz	1702.5 MHz	1705 MHz		
10	π/2 BPSK	1	1		18.5		0	18.7		18.7		0	20
		1	50		18.5		0	18.7		18.4		0	20
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				339500	340500	341500	MPR	Max Power	339500	340500	341500	MPR	Max Power
				1697.5 MHz	1702.5 MHz	1707.5 MHz			1697.5 MHz	1702.5 MHz	1707.5 MHz		
5	π/2 BPSK	1	1	18.4	18.4	18.3	0	18.7	18.8	18.7	18.6	0	20
		1	23	18.4	18.4	18.2	0	18.7	18.8	18.8	18.6	0	20

NR Band 71 Measured Results (ANT1)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				134600	136100	137600	MPR	Max Power	134600	136100	137600	MPR	Max Power
				673 MHz	680.5 MHz	688 MHz			673 MHz	680.5 MHz	688 MHz		
20	π/2 BPSK	1	1		24.9		0	25.7		24.9		0	25.7
		1	104		25.0		0	25.7		25.0		0	25.7
		50	28		24.8		0	25.7		24.8		0	25.7
	QPSK	1	1		24.8		0	25.7		24.8		0	25.7
		1	104		24.9		0	25.7		24.9		0	25.7
		50	28		24.9		0	25.7		24.9		0	25.7
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				134100	136100	138100	MPR	Max Power	134100	136100	138100	MPR	Max Power
				670.5 MHz	680.5 MHz	690.5 MHz			670.5 MHz	680.5 MHz	690.5 MHz		
15	π/2 BPSK	1	1		24.9		0	25.7		24.9		0	25.7
		1	77		24.9		0	25.7		24.9		0	25.7
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				133600	136100	138600	MPR	Max Power	133600	136100	138600	MPR	Max Power
				668 MHz	680.5 MHz	693 MHz			668 MHz	680.5 MHz	693 MHz		
10	π/2 BPSK	1	1	24.7	24.8	24.8	0	25.7	24.7	24.8	24.8	0	25.7
		1	50	24.7	24.8	24.8	0	25.7	24.7	24.8	24.8	0	25.7
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				133100	136100	139100	MPR	Max Power	133100	136100	139100	MPR	Max Power
				665.5 MHz	680.5 MHz	695.5 MHz			665.5 MHz	680.5 MHz	695.5 MHz		
5	π/2 BPSK	1	1	24.9	24.6	24.6	0	25.7	24.9	24.6	24.6	0	25.7
		1	23	24.8	24.6	24.6	0	25.7	24.8	24.6	24.6	0	25.7

NR Band 71 Measured Results (ANT2)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				134600	136100	137600	MPR	Max Power	134600	136100	137600	MPR	Max Power
				673 MHz	680.5 MHz	688 MHz			673 MHz	680.5 MHz	688 MHz		
20	π/2 BPSK	1	1		24.5		0	25.2		24.5		0	25.2
		1	104		24.5		0	25.2		24.5		0	25.2
		50	28		24.5		0	25.2		24.5		0	25.2
	QPSK	1	1		24.1		0	25.2		24.1		0	25.2
		1	104		24.1		0	25.2		24.1		0	25.2
		50	28		24.1		0	25.2		24.1		0	25.2
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				134100	136100	138100	MPR	Max Power	134100	136100	138100	MPR	Max Power
				670.5 MHz	680.5 MHz	690.5 MHz			670.5 MHz	680.5 MHz	690.5 MHz		
15	π/2 BPSK	1	1		24.1		0	25.2		24.1		0	25.2
		1	77		24.2		0	25.2		24.2		0	25.2
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				133600	136100	138600	MPR	Max Power	133600	136100	138600	MPR	Max Power
				668 MHz	680.5 MHz	693 MHz			668 MHz	680.5 MHz	693 MHz		
10	π/2 BPSK	1	1	24.1	24.1	24.0	0	25.2	24.1	24.1	24.0	0	25.2
		1	50	24.0	24.1	24.0	0	25.2	24.0	24.1	24.0	0	25.2
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				133100	136100	139100	MPR	Max Power	133100	136100	139100	MPR	Max Power
				665.5 MHz	680.5 MHz	695.5 MHz			665.5 MHz	680.5 MHz	695.5 MHz		
5	π/2 BPSK	1	1	24.1	24.0	24.0	0	25.2	24.1	24.0	24.0	0	25.2
		1	23	24.0	24.1	23.8	0	25.2	24.0	24.1	23.8	0	25.2

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

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				633334	633334	633332	MPR	Max Power	633334	633334	633332	MPR	Max Power
				3500.01 MHz	3500.01 MHz	3499.98 MHz			3500.01 MHz	3500.01 MHz	3499.98 MHz		
100	π/2 BPSK	1	1		18.8		0	19.6		16.8		0	17.6
		1	271		18.6		0	19.6		16.6		0	17.6
		135	69		18.6		0	19.6		16.7		0	17.6
	QPSK	1	1		18.8		0	19.6		16.8		0	17.6
		1	271		18.8		0	19.6		16.7		0	17.6
		135	69		18.6		0	19.6		16.6		0	17.6
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				633000	633334	633666	MPR	Max Power	633000	633334	633666	MPR	Max Power
				3495 MHz	3500.01 MHz	3504.99 MHz			3495 MHz	3500.01 MHz	3504.99 MHz		
90	π/2 BPSK	1	1		18.4		0	19.6		16.3		0	17.6
		1	243		18.3		0	19.6		16.3		0	17.6
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				632668	633334	633998	MPR	Max Power	632668	633334	633998	MPR	Max Power
				3490.02 MHz	3500.01 MHz	3509.97 MHz			3490.02 MHz	3500.01 MHz	3509.97 MHz		
80	π/2 BPSK	1	1		18.4		0	19.6		16.4		0	17.6
		1	215		18.2		0	19.6		16.2		0	17.6
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				632334	633334	634332	MPR	Max Power	632334	633334	634332	MPR	Max Power
				3485.01 MHz	3500.01 MHz	3514.98 MHz			3485.01 MHz	3500.01 MHz	3514.98 MHz		
70	π/2 BPSK	1	1		18.4		0	19.6		16.4		0	17.6
		1	187		18.3		0	19.6		16.3		0	17.6
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				632000	633334	634666	MPR	Max Power	632000	633334	634666	MPR	Max Power
				3480 MHz	3500.01 MHz	3519.99 MHz			3480 MHz	3500.01 MHz	3519.99 MHz		
60	π/2 BPSK	1	1		18.5		0	19.6		16.4		0	17.6
		1	160		18.3		0	19.6		16.2		0	17.6
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				631668	633334	634998	MPR	Max Power	631668	633334	634998	MPR	Max Power
				3475.02 MHz	3500.01 MHz	3524.97 MHz			3475.02 MHz	3500.01 MHz	3524.97 MHz		
50	π/2 BPSK	1	1		18.5		0	19.6		16.5		0	17.6
		1	131		18.2		0	19.6		16.2		0	17.6
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				631334	633334	635332	MPR	Max Power	631334	633334	635332	MPR	Max Power
				3470.01 MHz	3500.01 MHz	3529.98 MHz			3470.01 MHz	3500.01 MHz	3529.98 MHz		
40	π/2 BPSK	1	1		18.8		0	19.6		16.8		0	17.6
		1	104		18.7		0	19.6		16.6		0	17.6
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				631000	633334	635666	MPR	Max Power	631000	633334	635666	MPR	Max Power
				3465 MHz	3500.01 MHz	3534.99 MHz			3465 MHz	3500.01 MHz	3534.99 MHz		
30	π/2 BPSK	1	1	18.8	18.7	18.7	0	19.6	16.8	16.7	16.7	0	17.6
		1	76	18.8	18.6	18.6	0	19.6	16.7	16.6	16.6	0	17.6
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				630668	633334	635998	MPR	Max Power	630668	633334	635998	MPR	Max Power
				3460.02 MHz	3500.01 MHz	3539.97 MHz			3460.02 MHz	3500.01 MHz	3539.97 MHz		
20	π/2 BPSK	1	1	18.7	18.7	18.5	0	19.6	16.7	16.6	16.6	0	17.6
		1	49	18.6	18.7	18.5	0	19.6	16.7	16.6	16.6	0	17.6
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				630500	633334	636166	MPR	Max Power	630500	633334	636166	MPR	Max Power
				3457.5 MHz	3500.01 MHz	3542.49 MHz			3457.5 MHz	3500.01 MHz	3542.49 MHz		
15	π/2 BPSK	1	1	18.7	18.7	18.6	0	19.6	16.7	16.6	16.6	0	17.6
		1	36	18.6	18.7	18.6	0	19.6	16.7	16.6	16.6	0	17.6
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				630334	633334	636332	MPR	Max Power	630334	633334	636332	MPR	Max Power
				3455.01 MHz	3500.01 MHz	3544.98 MHz			3455.01 MHz	3500.01 MHz	3544.98 MHz		
10	π/2 BPSK	1	1	18.5	18.4	18.4	0	19.6	16.5	16.4	16.4	0	17.6
		1	22	18.5	18.4	18.4	0	19.6	16.5	16.4	16.4	0	17.6

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

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)						MPR	Max Power	Mode B Power (dBm)						MPR	Max Power
				650002	652402	654802	657202	659600	661998			650002	652402	654802	657202	659600	661998		
				3750.03 MHz	3786.03 MHz	3822.03 MHz	3858.03 MHz	3894 MHz	3929.97 MHz			3750.03 MHz	3786.03 MHz	3822.03 MHz	3858.03 MHz	3894 MHz	3929.97 MHz		
100	π/2 BPSK	1	1				19.0			0	19.6				17.0			0	17.6
		1	271				18.8			0	19.6				17.0			0	17.6
		135	69				18.8			0	19.6				16.7			0	17.6
	QPSK	1	1				19.0			0	19.6				16.9			0	17.6
		1	271				19.0			0	19.6				16.9			0	17.6
		135	69				18.8			0	19.6				16.7			0	17.6
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)						MPR	Max Power	Mode B Power (dBm)						MPR	Max Power
				649668	652202	654734	657268	659800	662332			649668	652202	654734	657268	659800	662332		
				3745.02 MHz	3783.03 MHz	3821.01 MHz	3859.02 MHz	3897 MHz	3934.98 MHz			3745.02 MHz	3783.03 MHz	3821.01 MHz	3859.02 MHz	3897 MHz	3934.98 MHz		
90	π/2 BPSK	1	1				18.6			0	19.6				16.6			0	17.6
		1	243				18.4			0	19.6				16.4			0	17.6
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)						MPR	Max Power	Mode B Power (dBm)						MPR	Max Power
				649336	652002	654668	657334	660000	662666			649336	652002	654668	657334	660000	662666		
				3740.04 MHz	3780.03 MHz	3820.02 MHz	3860.01 MHz	3900 MHz	3939.99 MHz			3740.04 MHz	3780.03 MHz	3820.02 MHz	3860.01 MHz	3900 MHz	3939.99 MHz		
80	π/2 BPSK	1	1				18.4			0	19.6				16.4			0	17.6
		1	215				18.4			0	19.6				16.3			0	17.6
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)						MPR	Max Power	Mode B Power (dBm)						MPR	Max Power
				649002	651802	654602	657402	660200	662998			649002	651802	654602	657402	660200	662998		
				3735.03 MHz	3777.03 MHz	3819.03 MHz	3861.03 MHz	3903 MHz	3944.97 MHz			3735.03 MHz	3777.03 MHz	3819.03 MHz	3861.03 MHz	3903 MHz	3944.97 MHz		
70	π/2 BPSK	1	1				18.6			0	19.6				16.4			0	17.6
		1	187				18.3			0	19.6				16.3			0	17.6
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)						MPR	Max Power	Mode B Power (dBm)						MPR	Max Power
				648668	651602	654534	657468	660400	663332			648668	651602	654534	657468	660400	663332		
				3730.02 MHz	3774.03 MHz	3818.01 MHz	3862.02 MHz	3906 MHz	3949.98 MHz			3730.02 MHz	3774.03 MHz	3818.01 MHz	3862.02 MHz	3906 MHz	3949.98 MHz		
60	π/2 BPSK	1	1				18.6			0	19.6				16.5			0	17.6
		1	160				18.5			0	19.6				16.5			0	17.6
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)						MPR	Max Power	Mode B Power (dBm)						MPR	Max Power
				648336	651402	654468	657534	660600	663666			648336	651402	654468	657534	660600	663666		
				3725.04 MHz	3771.03 MHz	3817.02 MHz	3863.01 MHz	3909 MHz	3954.99 MHz			3725.04 MHz	3771.03 MHz	3817.02 MHz	3863.01 MHz	3909 MHz	3954.99 MHz		
50	π/2 BPSK	1	1				18.6			0	19.6				16.7			0	17.6
		1	131				18.6			0	19.6				16.6			0	17.6
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)						MPR	Max Power	Mode B Power (dBm)						MPR	Max Power
				648002	651202	654402	657602	660800	663998			648002	651202	654402	657602	660800	663998		
				3720.03 MHz	3768.03 MHz	3816.03 MHz	3864.03 MHz	3912 MHz	3959.97 MHz			3720.03 MHz	3768.03 MHz	3816.03 MHz	3864.03 MHz	3912 MHz	3959.97 MHz		
40	π/2 BPSK	1	1	19.1	19.2	19.0	18.9	18.9	18.7	0	19.6	17.1	17.1	17.0	16.9	16.9	16.7	0	17.6
		1	104	18.8	18.9	18.8	18.9	18.7	18.7	0	19.6	16.9	16.9	16.7	16.7	16.6	16.6	0	17.6
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)						MPR	Max Power	Mode B Power (dBm)						MPR	Max Power
				647668	651002	654334	657668	661000	664332			647668	651002	654334	657668	661000	664332		
				3715.02 MHz	3765.03 MHz	3815.01 MHz	3865.02 MHz	3915 MHz	3964.98 MHz			3715.02 MHz	3765.03 MHz	3815.01 MHz	3865.02 MHz	3915 MHz	3964.98 MHz		
30	π/2 BPSK	1	1	18.9	19.0	18.9	18.8	18.8	18.6	0	19.6	16.9	17.0	16.8	16.7	16.8	16.6	0	17.6
		1	76	18.8	18.9	18.8	18.7	18.7	18.6	0	19.6	16.8	16.8	16.8	16.7	16.6	16.5	0	17.6
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)						MPR	Max Power	Mode B Power (dBm)						MPR	Max Power
				647336	650802	654268	657734	661200	664666			647336	650802	654268	657734	661200	664666		
				3710.04 MHz	3762.03 MHz	3814.02 MHz	3866.01 MHz	3918 MHz	3969.99 MHz			3710.04 MHz	3762.03 MHz	3814.02 MHz	3866.01 MHz	3918 MHz	3969.99 MHz		
20	π/2 BPSK	1	1	18.9	18.8	18.8	18.7	18.7	18.5	0	19.6	17.0	16.8	16.8	16.7	16.6	16.5	0	17.6
		1	49	19.1	18.8	18.7	18.7	18.7	18.6	0	19.6	17.0	16.8	16.8	16.7	16.6	16.5	0	17.6
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)						MPR	Max Power	Mode B Power (dBm)						MPR	Max Power
				647168	650702	654234	657768	661300	664832			647168	650702	654234	657768	661300	664832		
				3707.52 MHz	3760.53 MHz	3813.51 MHz	3866.52 MHz	3919.5 MHz	3972.48 MHz			3707.52 MHz	3760.53 MHz	3813.51 MHz	3866.52 MHz	3919.5 MHz	3972.48 MHz		
15	π/2 BPSK	1	1	18.9	18.8	18.8	18.7	18.7	18.6	0	19.6	16.8	16.7	16.7	16.7	16.7	16.6	0	17.6
		1	36	18.9	19.0	18.9	18.7	18.7	18.5	0	19.6	16.8	16.9	16.8	16.6	16.7	16.5	0	17.6
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)						MPR	Max Power	Mode B Power (dBm)						MPR	Max Power
				647002	650602	654202	657802	661400	664998			647002	650602	654202	657802	661400	664998		
				3705.03 MHz	3759.03 MHz	3813.03 MHz	3867.03 MHz	3921 MHz	3974.97 MHz			3705.03 MHz	3759.03 MHz	3813.03 MHz	3867.03 MHz	3921 MHz	3974.97 MHz		
10	π/2 BPSK	1	1	18.6	18.7	18.5	18.5	18.5	18.4	0	19.6	16.5	16.7	16.5	16.5	16.5	16.2	0	17.6
		1	22	18.6	18.6	18.5	18.4	18.4	18.4	0	19.6	16.6	16.7	16.5	16.4	16.3	16.4	0	17.6

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

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				633334	633334	633332	MPR	Max Power	633334	633334	633332	MPR	Max Power
				3500.01 MHz	3500.01 MHz	3499.98 MHz			3500.01 MHz	3500.01 MHz	3499.98 MHz		
100	π/2 BPSK	1	1		17.3		0	18.3		15.0		0	16.3
		1	271		17.1		0	18.3		14.8		0	16.3
		135	69		17.1		0	18.3		14.9		0	16.3
	QPSK	1	1		17.6		0	18.3		15.1		0	16.3
		1	271		17.2		0	18.3		14.8		0	16.3
		135	69		17.2		0	18.3		14.8		0	16.3
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				633000	633334	633666	MPR	Max Power	633000	633334	633666	MPR	Max Power
				3495 MHz	3500.01 MHz	3504.99 MHz			3495 MHz	3500.01 MHz	3504.99 MHz		
90	π/2 BPSK	1	1		17.5		0	18.3		15.0		0	16.3
		1	243		17.2		0	18.3		14.9		0	16.3
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				632668	633334	633998	MPR	Max Power	632668	633334	633998	MPR	Max Power
				3490.02 MHz	3500.01 MHz	3509.97 MHz			3490.02 MHz	3500.01 MHz	3509.97 MHz		
80	π/2 BPSK	1	1		17.5		0	18.3		15.1		0	16.3
		1	215		17.1		0	18.3		14.8		0	16.3
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				632334	633334	634332	MPR	Max Power	632334	633334	634332	MPR	Max Power
				3485.01 MHz	3500.01 MHz	3514.98 MHz			3485.01 MHz	3500.01 MHz	3514.98 MHz		
70	π/2 BPSK	1	1		17.5		0	18.3		15.1		0	16.3
		1	187		17.2		0	18.3		14.8		0	16.3
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				632000	633334	634666	MPR	Max Power	632000	633334	634666	MPR	Max Power
				3480 MHz	3500.01 MHz	3519.99 MHz			3480 MHz	3500.01 MHz	3519.99 MHz		
60	π/2 BPSK	1	1		17.5		0	18.3		15.0		0	16.3
		1	160		17.3		0	18.3		14.9		0	16.3
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				631668	633334	634998	MPR	Max Power	631668	633334	634998	MPR	Max Power
				3475.02 MHz	3500.01 MHz	3524.97 MHz			3475.02 MHz	3500.01 MHz	3524.97 MHz		
50	π/2 BPSK	1	1		17.5		0	18.3		15.1		0	16.3
		1	131		17.2		0	18.3		14.9		0	16.3
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				631334	633334	635332	MPR	Max Power	631334	633334	635332	MPR	Max Power
				3470.01 MHz	3500.01 MHz	3529.98 MHz			3470.01 MHz	3500.01 MHz	3529.98 MHz		
40	π/2 BPSK	1	1		17.7		0	18.3		15.4		0	16.3
		1	104		17.4		0	18.3		15.2		0	16.3
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				631000	633334	635666	MPR	Max Power	631000	633334	635666	MPR	Max Power
				3465 MHz	3500.01 MHz	3534.99 MHz			3465 MHz	3500.01 MHz	3534.99 MHz		
30	π/2 BPSK	1	1	17.7	17.6	17.5	0	18.3	15.4	15.1	15.0	0	16.3
		1	76	17.6	17.4	17.4	0	18.3	15.2	15.2	15.0	0	16.3
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				630668	633334	635998	MPR	Max Power	630668	633334	635998	MPR	Max Power
				3460.02 MHz	3500.01 MHz	3539.97 MHz			3460.02 MHz	3500.01 MHz	3539.97 MHz		
20	π/2 BPSK	1	1	17.4	17.6	17.5	0	18.3	15.3	15.1	15.1	0	16.3
		1	49	17.4	17.5	17.3	0	18.3	15.3	15.0	15.1	0	16.3
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				630500	633334	636166	MPR	Max Power	630500	633334	636166	MPR	Max Power
				3457.5 MHz	3500.01 MHz	3542.49 MHz			3457.5 MHz	3500.01 MHz	3542.49 MHz		
15	π/2 BPSK	1	1	17.5	17.6	17.3	0	18.3	15.3	15.2	15.0	0	16.3
		1	36	17.4	17.5	17.3	0	18.3	15.3	15.1	15.0	0	16.3
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				630334	633334	636332	MPR	Max Power	630334	633334	636332	MPR	Max Power
				3455.01 MHz	3500.01 MHz	3544.98 MHz			3455.01 MHz	3500.01 MHz	3544.98 MHz		
10	π/2 BPSK	1	1	17.3	17.4	17.3	0	18.3	15.0	15.1	14.9	0	16.3
		1	22	17.3	17.4	17.3	0	18.3	15.0	15.1	14.8	0	16.3

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

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)						MPR	Max Power	Mode B Power (dBm)						MPR	Max Power
				650002	652402	654802	657202	659600	661998			650002	652402	654802	657202	659600	661998		
				3750.03 MHz	3786.03 MHz	3822.03 MHz	3858.03 MHz	3894 MHz	3929.97 MHz			3750.03 MHz	3786.03 MHz	3822.03 MHz	3858.03 MHz	3894 MHz	3929.97 MHz		
100	π/2 BPSK	1	1				16.8			0	18.3				14.5			0	16.3
		1	271				16.6			0	18.3				14.4			0	16.3
		135	69				16.5			0	18.3				14.3			0	16.3
	QPSK	1	1				16.6			0	18.3				14.4			0	16.3
		1	271				16.7			0	18.3				14.4			0	16.3
		135	69				16.5			0	18.3				14.3			0	16.3
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)						MPR	Max Power	Mode B Power (dBm)						MPR	Max Power
				649668	652202	654734	657268	659800	662332			649668	652202	654734	657268	659800	662332		
				3745.02 MHz	3783.03 MHz	3821.01 MHz	3859.02 MHz	3897 MHz	3934.98 MHz			3745.02 MHz	3783.03 MHz	3821.01 MHz	3859.02 MHz	3897 MHz	3934.98 MHz		
90	π/2 BPSK	1	1				16.8			0	18.3				14.6			0	16.3
		1	243				16.6			0	18.3				14.4			0	16.3
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)						MPR	Max Power	Mode B Power (dBm)						MPR	Max Power
				649336	652002	654668	657334	660000	662666			649336	652002	654668	657334	660000	662666		
				3740.04 MHz	3780.03 MHz	3820.02 MHz	3860.01 MHz	3900 MHz	3939.99 MHz			3740.04 MHz	3780.03 MHz	3820.02 MHz	3860.01 MHz	3900 MHz	3939.99 MHz		
80	π/2 BPSK	1	1				16.7			0	18.3				14.6			0	16.3
		1	215				16.6			0	18.3				14.4			0	16.3
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)						MPR	Max Power	Mode B Power (dBm)						MPR	Max Power
				649002	651802	654602	657402	660200	662998			649002	651802	654602	657402	660200	662998		
				3735.03 MHz	3777.03 MHz	3819.03 MHz	3861.03 MHz	3903 MHz	3944.97 MHz			3735.03 MHz	3777.03 MHz	3819.03 MHz	3861.03 MHz	3903 MHz	3944.97 MHz		
70	π/2 BPSK	1	1				16.8			0	18.3				14.5			0	16.3
		1	187				16.5			0	18.3				14.4			0	16.3
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)						MPR	Max Power	Mode B Power (dBm)						MPR	Max Power
				648668	651602	654534	657468	660400	663332			648668	651602	654534	657468	660400	663332		
				3730.02 MHz	3774.03 MHz	3818.01 MHz	3862.02 MHz	3906 MHz	3949.98 MHz			3730.02 MHz	3774.03 MHz	3818.01 MHz	3862.02 MHz	3906 MHz	3949.98 MHz		
60	π/2 BPSK	1	1				16.9			0	18.3				14.4			0	16.3
		1	160				16.5			0	18.3				14.3			0	16.3
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)						MPR	Max Power	Mode B Power (dBm)						MPR	Max Power
				648336	651402	654468	657534	660600	663666			648336	651402	654468	657534	660600	663666		
				3725.04 MHz	3771.03 MHz	3817.02 MHz	3863.01 MHz	3909 MHz	3954.99 MHz			3725.04 MHz	3771.03 MHz	3817.02 MHz	3863.01 MHz	3909 MHz	3954.99 MHz		
50	π/2 BPSK	1	1				16.7			0	18.3				14.4			0	16.3
		1	131				16.7			0	18.3				14.3			0	16.3
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)						MPR	Max Power	Mode B Power (dBm)						MPR	Max Power
				648002	651202	654402	657602	660800	663998			648002	651202	654402	657602	660800	663998		
				3720.03 MHz	3768.03 MHz	3816.03 MHz	3864.03 MHz	3912 MHz	3959.97 MHz			3720.03 MHz	3768.03 MHz	3816.03 MHz	3864.03 MHz	3912 MHz	3959.97 MHz		
40	π/2 BPSK	1	1	17.7	17.5	17.3	17.0	17.1	17.1	0	18.3	15.4	15.4	15.0	14.7	14.8	14.8	0	16.3
		1	104	17.6	17.2	17.0	17.0	17.0	17.0	0	18.3	15.3	14.8	14.5	14.6	14.8	14.8	0	16.3
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)						MPR	Max Power	Mode B Power (dBm)						MPR	Max Power
				647668	651002	654334	657668	661000	664332			647668	651002	654334	657668	661000	664332		
				3715.02 MHz	3765.03 MHz	3815.01 MHz	3865.02 MHz	3915 MHz	3964.98 MHz			3715.02 MHz	3765.03 MHz	3815.01 MHz	3865.02 MHz	3915 MHz	3964.98 MHz		
30	π/2 BPSK	1	1	17.4	17.3	17.1	16.8	16.9	17.0	0	18.3	15.3	15.2	14.7	14.5	14.6	14.7	0	16.3
		1	76	17.5	17.2	17.0	16.9	17.0	16.9	0	18.3	15.3	15.2	14.6	14.4	14.7	14.7	0	16.3
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)						MPR	Max Power	Mode B Power (dBm)						MPR	Max Power
				647336	650802	654268	657734	661200	664666			647336	650802	654268	657734	661200	664666		
				3710.04 MHz	3762.03 MHz	3814.02 MHz	3866.01 MHz	3918 MHz	3969.99 MHz			3710.04 MHz	3762.03 MHz	3814.02 MHz	3866.01 MHz	3918 MHz	3969.99 MHz		
20	π/2 BPSK	1	1	17.5	17.3	16.9	16.8	16.9	16.9	0	18.3	15.2	14.9	14.6	14.6	14.5	14.7	0	16.3
		1	49	17.5	17.1	16.9	16.8	16.9	17.0	0	18.3	15.1	14.9	14.6	14.5	14.7	14.6	0	16.3
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)						MPR	Max Power	Mode B Power (dBm)						MPR	Max Power
				647168	650702	654234	657768	661300	664832			647168	650702	654234	657768	661300	664832		
				3707.52 MHz	3760.53 MHz	3813.51 MHz	3866.52 MHz	3919.5 MHz	3972.48 MHz			3707.52 MHz	3760.53 MHz	3813.51 MHz	3866.52 MHz	3919.5 MHz	3972.48 MHz		
15	π/2 BPSK	1	1	17.5	17.2	17.0	16.9	16.8	16.9	0	18.3	15.1	15.0	14.7	14.6	14.6	14.7	0	16.3
		1	36	17.4	17.1	16.9	16.8	16.8	17.0	0	18.3	15.1	14.9	14.7	14.6	14.6	14.6	0	16.3
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)						MPR	Max Power	Mode B Power (dBm)						MPR	Max Power
				647002	650602	654202	657802	661400	664998			647002	650602	654202	657802	661400	664998		
				3705.03 MHz	3759.03 MHz	3813.03 MHz	3867.03 MHz	3921 MHz	3974.97 MHz			3705.03 MHz	3759.03 MHz	3813.03 MHz	3867.03 MHz	3921 MHz	3974.97 MHz		
10	π/2 BPSK	1	1	17.1	17.2	16.8	16.7	16.7	16.8	0	18.3	14.9	14.9	14.5	14.3	14.5	14.5	0	16.3
		1	22	17.3	17.1	16.7	16.6	16.6	16.7	0	18.3	14.9	14.8	14.5	14.3	14.5	14.5	0	16.3

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

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)			MPR	Max Power	Mode B Power (dBm)			MPR	Max Power
				633334	633334	633332			633334	633334	633332		
				3500.01 MHz	3500.01 MHz	3499.98 MHz			3500.01 MHz	3500.01 MHz	3499.98 MHz		
100	π/2 BPSK	1	1		18.2		0	19		15.4		0	16.3
		1	271		18.2		0	19		15.5		0	16.3
		135	69		18.0		0	19		15.3		0	16.3
	QPSK	1	1		18.1		0	19		15.3		0	16.3
		1	271		18.3		0	19		15.4		0	16.3
		135	69		18.0		0	19		15.2		0	16.3
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)			MPR	Max Power	Mode B Power (dBm)			MPR	Max Power
				633000	633334	633666			633000	633334	633666		
				3495 MHz	3500.01 MHz	3504.99 MHz			3495 MHz	3500.01 MHz	3504.99 MHz		
90	π/2 BPSK	1	1		18.3		0	19		15.6		0	16.3
		1	243		18.4		0	19		15.6		0	16.3
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)			MPR	Max Power	Mode B Power (dBm)			MPR	Max Power
				632668	633334	633998			632668	633334	633998		
				3490.02 MHz	3500.01 MHz	3509.97 MHz			3490.02 MHz	3500.01 MHz	3509.97 MHz		
80	π/2 BPSK	1	1		18.3		0	19		15.4		0	16.3
		1	215		18.3		0	19		15.4		0	16.3
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)			MPR	Max Power	Mode B Power (dBm)			MPR	Max Power
				632334	633334	634332			632334	633334	634332		
				3485.01 MHz	3500.01 MHz	3514.98 MHz			3485.01 MHz	3500.01 MHz	3514.98 MHz		
70	π/2 BPSK	1	1		18.4		0	19		15.4		0	16.3
		1	187		18.4		0	19		15.4		0	16.3
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)			MPR	Max Power	Mode B Power (dBm)			MPR	Max Power
				632000	633334	634666			632000	633334	634666		
				3480 MHz	3500.01 MHz	3519.99 MHz			3480 MHz	3500.01 MHz	3519.99 MHz		
60	π/2 BPSK	1	1		18.4		0	19		15.4		0	16.3
		1	160		18.4		0	19		15.4		0	16.3
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)			MPR	Max Power	Mode B Power (dBm)			MPR	Max Power
				631668	633334	634998			631668	633334	634998		
				3475.02 MHz	3500.01 MHz	3524.97 MHz			3475.02 MHz	3500.01 MHz	3524.97 MHz		
50	π/2 BPSK	1	1		18.4		0	19		15.3		0	16.3
		1	131		18.3		0	19		15.3		0	16.3
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)			MPR	Max Power	Mode B Power (dBm)			MPR	Max Power
				631334	633334	635332			631334	633334	635332		
				3470.01 MHz	3500.01 MHz	3529.98 MHz			3470.01 MHz	3500.01 MHz	3529.98 MHz		
40	π/2 BPSK	1	1		18.7		0	19		15.6		0	16.3
		1	104		18.7		0	19		15.8		0	16.3
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)			MPR	Max Power	Mode B Power (dBm)			MPR	Max Power
				631000	633334	635666			631000	633334	635666		
				3465 MHz	3500.01 MHz	3534.99 MHz			3465 MHz	3500.01 MHz	3534.99 MHz		
30	π/2 BPSK	1	1	18.7	18.8	18.7	0	19	15.7	15.7	15.8	0	16.3
		1	76	18.7	18.7	18.6	0	19	15.7	15.7	15.7	0	16.3
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)			MPR	Max Power	Mode B Power (dBm)			MPR	Max Power
				630668	633334	635998			630668	633334	635998		
				3460.02 MHz	3500.01 MHz	3539.97 MHz			3460.02 MHz	3500.01 MHz	3539.97 MHz		
20	π/2 BPSK	1	1	18.6	18.5	18.6	0	19	15.5	15.5	15.6	0	16.3
		1	49	18.5	18.8	18.7	0	19	15.5	15.7	15.6	0	16.3
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)			MPR	Max Power	Mode B Power (dBm)			MPR	Max Power
				630500	633334	636166			630500	633334	636166		
				3457.5 MHz	3500.01 MHz	3542.49 MHz			3457.5 MHz	3500.01 MHz	3542.49 MHz		
15	π/2 BPSK	1	1	18.5	18.5	18.6	0	19	15.4	15.5	15.6	0	16.3
		1	36	18.6	18.6	18.5	0	19	15.4	15.5	15.5	0	16.3
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)			MPR	Max Power	Mode B Power (dBm)			MPR	Max Power
				630334	633334	636332			630334	633334	636332		
				3455.01 MHz	3500.01 MHz	3544.98 MHz			3455.01 MHz	3500.01 MHz	3544.98 MHz		
10	π/2 BPSK	1	1	18.4	18.3	18.3	0	19	15.3	15.3	15.4	0	16.3
		1	22	18.3	18.4	18.4	0	19	15.5	15.4	15.4	0	16.3

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

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				650002	652402	654802	657202	659600	661998	MPR	Max Power	650002	652402	654802	657202	659600	661998	MPR	Max Power
				3750.03 MHz	3786.03 MHz	3822.03 MHz	3858.03 MHz	3894 MHz	3929.97 MHz			3750.03 MHz	3786.03 MHz	3822.03 MHz	3858.03 MHz	3894 MHz	3929.97 MHz		
100	π/2 BPSK	1	1				17.9			0	19				15.2			0	16.3
		1	271				18.0			0	19				15.1			0	16.3
		135	69				17.9			0	19				15.2			0	16.3
	QPSK	1	1				18.1			0	19				15.1			0	16.3
		1	271				18.0			0	19				15.3			0	16.3
		135	69				17.9			0	19				15.2			0	16.3
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				649668	652202	654734	657268	659800	662332	MPR	Max Power	649668	652202	654734	657268	659800	662332	MPR	Max Power
				3745.02 MHz	3783.03 MHz	3821.01 MHz	3859.02 MHz	3897 MHz	3934.98 MHz			3745.02 MHz	3783.03 MHz	3821.01 MHz	3859.02 MHz	3897 MHz	3934.98 MHz		
90	π/2 BPSK	1	1				18.1			0	19				15.6			0	16.3
		1	243				17.9			0	19				15.5			0	16.3
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				649336	652002	654668	657334	660000	662666	MPR	Max Power	649336	652002	654668	657334	660000	662666	MPR	Max Power
				3740.04 MHz	3780.03 MHz	3820.02 MHz	3860.01 MHz	3900 MHz	3939.99 MHz			3740.04 MHz	3780.03 MHz	3820.02 MHz	3860.01 MHz	3900 MHz	3939.99 MHz		
80	π/2 BPSK	1	1				18.3			0	19				15.5			0	16.3
		1	215				18.0			0	19				15.4			0	16.3
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				649002	651802	654602	657402	660200	662998	MPR	Max Power	649002	651802	654602	657402	660200	662998	MPR	Max Power
				3735.03 MHz	3777.03 MHz	3819.03 MHz	3861.03 MHz	3903 MHz	3944.97 MHz			3735.03 MHz	3777.03 MHz	3819.03 MHz	3861.03 MHz	3903 MHz	3944.97 MHz		
70	π/2 BPSK	1	1				18.3			0	19				15.6			0	16.3
		1	187				18.1			0	19				15.4			0	16.3
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				648668	651602	654534	657468	660400	663332	MPR	Max Power	648668	651602	654534	657468	660400	663332	MPR	Max Power
				3730.02 MHz	3774.03 MHz	3818.01 MHz	3862.02 MHz	3906 MHz	3949.98 MHz			3730.02 MHz	3774.03 MHz	3818.01 MHz	3862.02 MHz	3906 MHz	3949.98 MHz		
60	π/2 BPSK	1	1				18.2			0	19				15.5			0	16.3
		1	160				18.1			0	19				15.5			0	16.3
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				648336	651402	654468	657534	660600	663666	MPR	Max Power	648336	651402	654468	657534	660600	663666	MPR	Max Power
				3725.04 MHz	3771.03 MHz	3817.02 MHz	3863.01 MHz	3909 MHz	3954.99 MHz			3725.04 MHz	3771.03 MHz	3817.02 MHz	3863.01 MHz	3909 MHz	3954.99 MHz		
50	π/2 BPSK	1	1				18.7			0	19				15.6			0	16.3
		1	131				18.4			0	19				15.5			0	16.3
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				648002	651202	654402	657602	660800	663998	MPR	Max Power	648002	651202	654402	657602	660800	663998	MPR	Max Power
				3720.03 MHz	3768.03 MHz	3816.03 MHz	3864.03 MHz	3912 MHz	3959.97 MHz			3720.03 MHz	3768.03 MHz	3816.03 MHz	3864.03 MHz	3912 MHz	3959.97 MHz		
40	π/2 BPSK	1	1	18.9	18.9	18.7	18.6	18.5	18.5	0	19	16.1	15.9	15.9	15.8	15.8	16.0	0	16.3
		1	104	18.8	18.6	18.5	18.4	18.4	18.4	0	19	15.9	15.7	15.8	15.7	15.7	16.0	0	16.3
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				647668	651002	654334	657668	661000	664332	MPR	Max Power	647668	651002	654334	657668	661000	664332	MPR	Max Power
				3715.02 MHz	3765.03 MHz	3815.01 MHz	3865.02 MHz	3915 MHz	3964.98 MHz			3715.02 MHz	3765.03 MHz	3815.01 MHz	3865.02 MHz	3915 MHz	3964.98 MHz		
30	π/2 BPSK	1	1	18.8	18.8	18.7	18.4	18.4	18.4	0	19	15.9	15.6	15.8	15.8	15.8	15.9	0	16.3
		1	76	18.7	18.7	18.5	18.4	18.3	18.3	0	19	15.9	15.7	15.7	15.8	15.8	15.9	0	16.3
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				647336	650802	654268	657734	661200	664666	MPR	Max Power	647336	650802	654268	657734	661200	664666	MPR	Max Power
				3710.04 MHz	3762.03 MHz	3814.02 MHz	3866.01 MHz	3918 MHz	3969.99 MHz			3710.04 MHz	3762.03 MHz	3814.02 MHz	3866.01 MHz	3918 MHz	3969.99 MHz		
20	π/2 BPSK	1	1	18.7	18.5	18.5	18.4	18.3	18.2	0	19	15.9	15.6	15.7	15.8	15.8	15.9	0	16.3
		1	49	18.7	18.6	18.5	18.4	18.4	18.3	0	19	15.9	15.5	15.6	15.7	15.7	15.8	0	16.3
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				647168	650702	654234	657768	661300	664832	MPR	Max Power	647168	650702	654234	657768	661300	664832	MPR	Max Power
				3707.52 MHz	3760.53 MHz	3813.51 MHz	3866.52 MHz	3919.5 MHz	3972.48 MHz			3707.52 MHz	3760.53 MHz	3813.51 MHz	3866.52 MHz	3919.5 MHz	3972.48 MHz		
15	π/2 BPSK	1	1	18.8	18.6	18.5	18.4	18.4	18.3	0	19	15.8	15.6	15.7	15.9	15.7	16.0	0	16.3
		1	36	18.8	18.6	18.4	18.2	18.3	18.2	0	19	15.9	15.6	15.6	15.6	15.6	15.8	0	16.3
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				647002	650602	654202	657802	661400	664998	MPR	Max Power	647002	650602	654202	657802	661400	664998	MPR	Max Power
				3705.03 MHz	3759.03 MHz	3813.03 MHz	3867.03 MHz	3921 MHz	3974.97 MHz			3705.03 MHz	3759.03 MHz	3813.03 MHz	3867.03 MHz	3921 MHz	3974.97 MHz		
10	π/2 BPSK	1	1	18.5	18.5	18.3	18.2	18.1	18.0	0	19	15.8	15.4	15.4	15.5	15.5	15.7	0	16.3
		1	22	18.5	18.3	18.2	18.2	18.1	18.1	0	19	15.7	15.4	15.4	15.5	15.4	15.5	0	16.3

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

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)			MPR	Max Power	Mode B Power (dBm)			MPR	Max Power
				633334	633334	633332			633334	633334	633332		
				3500.01 MHz	3500.01 MHz	3499.98 MHz			3500.01 MHz	3500.01 MHz	3499.98 MHz		
100	π/2 BPSK	1	1		19.2		0	19.8		19.6		0	20.4
		1	271		19.2		0	19.8		19.6		0	20.4
		135	69		19.1		0	19.8		19.5		0	20.4
	QPSK	1	1		19.5		0	19.8		19.7		0	20.4
		1	271		19.2		0	19.8		19.5		0	20.4
		135	69		19.0		0	19.8		19.5		0	20.4
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)			MPR	Max Power	Mode B Power (dBm)			MPR	Max Power
				633000	633334	633666			633000	633334	633666		
				3495 MHz	3500.01 MHz	3504.99 MHz			3495 MHz	3500.01 MHz	3504.99 MHz		
90	π/2 BPSK	1	1		19.2		0	19.8		19.6		0	20.4
		1	243		19.0		0	19.8		19.5		0	20.4
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)			MPR	Max Power	Mode B Power (dBm)			MPR	Max Power
				632668	633334	633998			632668	633334	633998		
				3490.02 MHz	3500.01 MHz	3509.97 MHz			3490.02 MHz	3500.01 MHz	3509.97 MHz		
80	π/2 BPSK	1	1		19.2		0	19.8		19.5		0	20.4
		1	215		19.0		0	19.8		19.3		0	20.4
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)			MPR	Max Power	Mode B Power (dBm)			MPR	Max Power
				632334	633334	634332			632334	633334	634332		
				3485.01 MHz	3500.01 MHz	3514.98 MHz			3485.01 MHz	3500.01 MHz	3514.98 MHz		
70	π/2 BPSK	1	1		19.2		0	19.8		19.6		0	20.4
		1	187		18.9		0	19.8		19.3		0	20.4
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)			MPR	Max Power	Mode B Power (dBm)			MPR	Max Power
				632000	633334	634666			632000	633334	634666		
				3480 MHz	3500.01 MHz	3519.99 MHz			3480 MHz	3500.01 MHz	3519.99 MHz		
60	π/2 BPSK	1	1		19.2		0	19.8		19.5		0	20.4
		1	160		19.1		0	19.8		19.4		0	20.4
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)			MPR	Max Power	Mode B Power (dBm)			MPR	Max Power
				631668	633334	634998			631668	633334	634998		
				3475.02 MHz	3500.01 MHz	3524.97 MHz			3475.02 MHz	3500.01 MHz	3524.97 MHz		
50	π/2 BPSK	1	1		19.2		0	19.8		19.7		0	20.4
		1	131		18.9		0	19.8		19.4		0	20.4
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)			MPR	Max Power	Mode B Power (dBm)			MPR	Max Power
				631334	633334	635332			631334	633334	635332		
				3470.01 MHz	3500.01 MHz	3529.98 MHz			3470.01 MHz	3500.01 MHz	3529.98 MHz		
40	π/2 BPSK	1	1		19.4		0	19.8		19.8		0	20.4
		1	104		19.3		0	19.8		19.7		0	20.4
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)			MPR	Max Power	Mode B Power (dBm)			MPR	Max Power
				631000	633334	635666			631000	633334	635666		
				3465 MHz	3500.01 MHz	3534.99 MHz			3465 MHz	3500.01 MHz	3534.99 MHz		
30	π/2 BPSK	1	1	19.3	19.4	19.2	0	19.8	19.8	19.8	19.6	0	20.4
		1	76	19.2	19.3	19.2	0	19.8	19.7	19.7	19.7	0	20.4
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)			MPR	Max Power	Mode B Power (dBm)			MPR	Max Power
				630668	633334	635998			630668	633334	635998		
				3460.02 MHz	3500.01 MHz	3539.97 MHz			3460.02 MHz	3500.01 MHz	3539.97 MHz		
20	π/2 BPSK	1	1	19.4	19.3	19.2	0	19.8	19.8	19.7	19.6	0	20.4
		1	49	19.3	19.2	19.2	0	19.8	19.8	19.7	19.6	0	20.4
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)			MPR	Max Power	Mode B Power (dBm)			MPR	Max Power
				630500	633334	636166			630500	633334	636166		
				3457.5 MHz	3500.01 MHz	3542.49 MHz			3457.5 MHz	3500.01 MHz	3542.49 MHz		
15	π/2 BPSK	1	1	19.4	19.3	19.2	0	19.8	19.8	19.6	19.6	0	20.4
		1	36	19.3	19.2	19.3	0	19.8	19.7	19.7	19.6	0	20.4
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)			MPR	Max Power	Mode B Power (dBm)			MPR	Max Power
				630334	633334	636332			630334	633334	636332		
				3455.01 MHz	3500.01 MHz	3544.98 MHz			3455.01 MHz	3500.01 MHz	3544.98 MHz		
10	π/2 BPSK	1	1	19.3	19.1	19.0	0	19.8	19.7	19.6	19.4	0	20.4
		1	22	19.2	19.1	19.0	0	19.8	19.6	19.6	19.4	0	20.4

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

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				650002	652402	654802	657202	659600	661998	MPR	Max Power	650002	652402	654802	657202	659600	661998	MPR	Max Power
				3750.03 MHz	3786.03 MHz	3822.03 MHz	3858.03 MHz	3894 MHz	3929.97 MHz			3750.03 MHz	3786.03 MHz	3822.03 MHz	3858.03 MHz	3894 MHz	3929.97 MHz		
100	π/2 BPSK	1	1				18.9			0	19.8				19.3			0	20.4
		1	271				18.9			0	19.8				19.3			0	20.4
		135	69				18.9			0	19.8				19.5			0	20.4
	QPSK	1	1				18.9			0	19.8				19.4			0	20.4
		1	271				18.9			0	19.8				19.3			0	20.4
		135	69				18.8			0	19.8				19.3			0	20.4
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				649668	652202	654734	657268	659800	662332	MPR	Max Power	649668	652202	654734	657268	659800	662332	MPR	Max Power
				3745.02 MHz	3783.03 MHz	3821.01 MHz	3859.02 MHz	3897 MHz	3934.98 MHz			3745.02 MHz	3783.03 MHz	3821.01 MHz	3859.02 MHz	3897 MHz	3934.98 MHz		
90	π/2 BPSK	1	1				19.0			0	19.8				19.4			0	20.4
		1	243				18.9			0	19.8				19.3			0	20.4
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				649336	652002	654668	657334	660000	662666	MPR	Max Power	649336	652002	654668	657334	660000	662666	MPR	Max Power
				3740.04 MHz	3780.03 MHz	3820.02 MHz	3860.01 MHz	3900 MHz	3939.99 MHz			3740.04 MHz	3780.03 MHz	3820.02 MHz	3860.01 MHz	3900 MHz	3939.99 MHz		
80	π/2 BPSK	1	1				19.0			0	19.8				19.4			0	20.4
		1	215				18.9			0	19.8				19.3			0	20.4
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				649002	651802	654602	657402	660200	662998	MPR	Max Power	649002	651802	654602	657402	660200	662998	MPR	Max Power
				3735.03 MHz	3777.03 MHz	3819.03 MHz	3861.03 MHz	3903 MHz	3944.97 MHz			3735.03 MHz	3777.03 MHz	3819.03 MHz	3861.03 MHz	3903 MHz	3944.97 MHz		
70	π/2 BPSK	1	1				19.1			0	19.8				19.4			0	20.4
		1	187				18.9			0	19.8				19.2			0	20.4
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				648668	651602	654534	657468	660400	663332	MPR	Max Power	648668	651602	654534	657468	660400	663332	MPR	Max Power
				3730.02 MHz	3774.03 MHz	3818.01 MHz	3862.02 MHz	3906 MHz	3949.98 MHz			3730.02 MHz	3774.03 MHz	3818.01 MHz	3862.02 MHz	3906 MHz	3949.98 MHz		
60	π/2 BPSK	1	1				18.9			0	19.8				19.3			0	20.4
		1	160				18.9			0	19.8				19.2			0	20.4
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				648336	651402	654468	657534	660600	663666	MPR	Max Power	648336	651402	654468	657534	660600	663666	MPR	Max Power
				3725.04 MHz	3771.03 MHz	3817.02 MHz	3863.01 MHz	3909 MHz	3954.99 MHz			3725.04 MHz	3771.03 MHz	3817.02 MHz	3863.01 MHz	3909 MHz	3954.99 MHz		
50	π/2 BPSK	1	1				18.9			0	19.8				19.4			0	20.4
		1	131				18.9			0	19.8				19.3			0	20.4
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				648002	651202	654402	657602	660800	663998	MPR	Max Power	648002	651202	654402	657602	660800	663998	MPR	Max Power
				3720.03 MHz	3768.03 MHz	3816.03 MHz	3864.03 MHz	3912 MHz	3959.97 MHz			3720.03 MHz	3768.03 MHz	3816.03 MHz	3864.03 MHz	3912 MHz	3959.97 MHz		
40	π/2 BPSK	1	1	19.8	19.4	19.3	19.2	19.2	19.2	0	19.8	20.2	19.9	19.8	19.7	19.7	19.6	0	20.4
		1	104	19.7	19.3	19.1	19.1	19.1	19.2	0	19.8	20.1	19.7	19.5	19.5	19.5	19.6	0	20.4
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				647668	651002	654334	657668	661000	664332	MPR	Max Power	647668	651002	654334	657668	661000	664332	MPR	Max Power
				3715.02 MHz	3765.03 MHz	3815.01 MHz	3865.02 MHz	3915 MHz	3964.98 MHz			3715.02 MHz	3765.03 MHz	3815.01 MHz	3865.02 MHz	3915 MHz	3964.98 MHz		
30	π/2 BPSK	1	1	19.6	19.4	19.3	19.1	19.1	19.2	0	19.8	20.0	19.7	19.7	19.5	19.5	19.7	0	20.4
		1	76	19.6	19.3	19.1	19.1	19.1	19.1	0	19.8	20.0	19.7	19.6	19.5	19.5	19.6	0	20.4
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				647336	650802	654268	657734	661200	664666	MPR	Max Power	647336	650802	654268	657734	661200	664666	MPR	Max Power
				3710.04 MHz	3762.03 MHz	3814.02 MHz	3866.01 MHz	3918 MHz	3969.99 MHz			3710.04 MHz	3762.03 MHz	3814.02 MHz	3866.01 MHz	3918 MHz	3969.99 MHz		
20	π/2 BPSK	1	1	19.7	19.1	19.2	19.1	19.1	19.2	0	19.8	20.1	19.5	19.6	19.5	19.4	19.5	0	20.4
		1	49	19.6	19.3	19.0	19.1	19.2	19.1	0	19.8	20.1	19.6	19.7	19.4	19.5	19.5	0	20.4
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				647168	650702	654234	657768	661300	664832	MPR	Max Power	647168	650702	654234	657768	661300	664832	MPR	Max Power
				3707.52 MHz	3760.53 MHz	3813.51 MHz	3866.52 MHz	3919.5 MHz	3972.48 MHz			3707.52 MHz	3760.53 MHz	3813.51 MHz	3866.52 MHz	3919.5 MHz	3972.48 MHz		
15	π/2 BPSK	1	1	19.7	19.4	19.3	19.1	19.1	19.2	0	19.8	20.1	19.7	19.7	19.6	19.5	19.6	0	20.4
		1	36	19.7	19.4	19.1	19.1	19.1	19.1	0	19.8	20.1	19.7	19.6	19.5	19.6	19.5	0	20.4
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				647002	650602	654202	657802	661400	664998	MPR	Max Power	647002	650602	654202	657802	661400	664998	MPR	Max Power
				3705.03 MHz	3759.03 MHz	3813.03 MHz	3867.03 MHz	3921 MHz	3974.97 MHz			3705.03 MHz	3759.03 MHz	3813.03 MHz	3867.03 MHz	3921 MHz	3974.97 MHz		
10	π/2 BPSK	1	1	19.7	19.2	19.0	18.9	19.0	18.9	0	19.8	19.9	19.6	19.4	19.3	19.4	19.3	0	20.4
		1	22	19.5	19.1	19.0	18.8	18.9	19.0	0	19.8	19.9	19.6	19.3	19.2	19.3	19.3	0	20.4

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/be modes, the channel in the lower order/sequence 802.11 mode (i.e. g, n, ac, ax, then be) is selected. Therefore, the SAR measurements performed for the 802.11b as the lowest order modulation, cover 802.11n/ac/ax/be modes.

When multiple channel bandwidth configurations in a frequency band have the same specified maximum output power, the initial test configuration is determined by applying the following steps sequentially.

1) The largest channel bandwidth configuration is selected among the multiple configurations in a frequency band with the same specified maximum output power.
2) If multiple configurations have the same specified maximum output power and largest channel bandwidth, the lowest order modulation among the largest channel bandwidth configurations is selected.
3) If multiple configurations have the same specified maximum output power, largest channel bandwidth and lowest order modulation, the lowest data rate configuration among these configurations is selected.
4) When multiple transmission modes (802.11g/n/ac/ax/be) have the same specified maximum output power, largest channel bandwidth, lowest order modulation and lowest data rate, the lowest order 802.11 mode is selected.

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 indicate 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/11be HE20 (SISO) Low Rate	11ax/11be HE20 (SISO) Mid Rate	11ax/11be HE20 (SISO) High Rate	11ax/11be HE20 RU242 (SISO)	11ax/11be HE20 RU106 (SISO)	11ax/11be HE20 RU52 (SISO)	11ax/11be HE20 RU26 (SISO)	11be HE20 MRU106_26 (SISO)	11be HE20 MRU52_26 (SISO)	11n/11ac HT20 (2Tx, nonTXBF) Low Rate	11n/11ac HT20 (2Tx, nonTXBF) Mid Rate	11n/11ac HT20 (2Tx, nonTXBF) High Rate	11ax/11be HE20 (2Tx, nonTXBF) Low Rate	11ax/11be HE20 (2Tx, nonTXBF) Mid Rate	11ax/11be HE20 (2Tx, nonTXBF) High Rate	11ax/11be HE20 RU242 (2Tx, nonTxBF)	11ax/11be HE20 RU106 (2Tx, nonTxBF)	11ax/11be HE20 RU52 (2Tx, nonTxBF)	11ax/11be HE20 RU26 (2Tx, nonTxBF)	11be HE20 MRU106_26 (2Tx, nonTxBF)	11be HE20 MRU52_26 (2Tx, nonTxBF)
1	2412	**21.50**	17.50	17.00	16.50	17.50	17.00	16.50	17.00	16.50	16.00	16.00	16.00	15.25	12.25	16.00	16.00	17.00	16.50	16.00	16.00	15.50	15.00	15.00	15.00	15.00	12.25	15.00	15.00
2	2417	**21.50**	20.50	20.00	19.50	20.50	20.00	19.50	19.00	18.50	18.00	18.00	18.00	15.25	12.25	18.00	17.00	19.50	19.00	18.50	18.00	17.50	17.00	17.00	17.00	15.25	12.25	17.00	17.00
3	2422	**21.50**	21.50	21.50	21.00	21.50	21.50	21.00	21.00	20.50	20.00	20.00	18.25	15.25	12.25	19.25	17.00	21.00	20.50	20.00	20.00	19.50	19.00	19.00	18.25	15.25	12.25	19.00	17.00
4	2427	**21.50**	21.50	21.50	21.50	21.50	21.50	21.50	21.50	21.50	21.50	21.50	18.25	15.25	12.25	19.25	17.00	21.50	21.50	21.50	21.50	21.50	21.50	21.50	18.25	15.25	12.25	19.25	17.00
5	2432	**21.50**	21.50	21.50	21.50	21.50	21.50	21.50	21.50	21.50	21.50	21.50	18.25	15.25	12.25	19.25	17.00	21.50	21.50	21.50	21.50	21.50	21.50	21.50	18.25	15.25	12.25	19.25	17.00
6	2437	**21.50**	21.50	21.50	21.50	21.50	21.50	21.50	21.50	21.50	21.50	21.50	18.25	15.25	12.25	19.25	17.00	21.50	21.50	21.50	21.50	21.50	21.50	21.50	18.25	15.25	12.25	19.25	17.00
7	2442	**21.50**	21.50	21.50	21.50	21.50	21.50	21.50	21.50	21.50	21.50	21.50	18.25	15.25	12.25	19.25	17.00	21.50	21.50	21.50	21.50	21.50	21.50	21.50	18.25	15.25	12.25	19.25	17.00
8	2447	**21.50**	21.50	21.50	21.50	21.50	21.50	21.50	21.50	21.50	21.50	21.50	18.25	15.25	12.25	19.25	17.00	21.50	21.50	21.50	21.50	21.50	21.50	21.50	18.25	15.25	12.25	19.25	17.00
9	2452	**21.50**	21.50	21.00	20.50	21.50	21.00	20.50	21.00	20.50	20.00	20.00	18.25	15.25	12.25	19.25	17.00	20.50	20.00	19.50	19.50	19.00	18.50	18.50	18.25	15.25	12.25	18.50	17.00
10	2457	**21.50**	20.50	20.00	19.50	20.50	20.00	19.50	19.00	18.50	18.00	18.00	18.00	15.25	12.25	18.00	17.00	19.50	19.00	18.50	18.00	17.50	17.00	17.00	17.00	15.25	12.25	17.00	17.00
11	2462	**21.50**	18.50	18.00	17.50	18.50	18.00	17.50	17.00	16.50	16.00	16.00	16.00	15.25	12.25	16.00	16.00	17.50	17.00	16.50	16.00	15.50	15.00	15.00	15.00	15.00	12.25	15.00	15.00
12	2467	**21.00**	16.50	16.00	15.50	16.50	16.00	15.50	15.00	14.50	14.00	14.00	14.00	14.00	12.25	14.00	14.00	15.00	14.50	14.00	13.50	13.00	12.50	12.50	12.50	12.50	12.25	12.50	12.50
13	2472	**18.50**	13.50	13.50	13.50	13.50	13.50	13.50	10.00	10.00	10.00	7.00	4.00	1.00	-2.00	5.00	2.50	13.00	13.00	13.00	9.00	9.00	9.00	6.00	3.00	0.00	-3.00	4.00	1.50

Wi-Fi 2.4 GHz(Power States)

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

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

Antenna	Mode	Channel	Frequency (MHz)	Maximum Output Power (dBm)											
				Power States 1		Power States 2		Power States 3		Power States 4		Power States 5		Power States 6	
				Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B
ANT3	802.11b DSSS (SISO)	1	2412	**21.50**	**21.00**	**21.50**	**21.00**	**21.50**	**21.00**	**17.75**	**17.00**	**21.25**	**20.50**	**16.75**	**16.00**
		2	2417	21.50	21.00	21.50	21.00	21.50	21.00	17.75	17.00	21.25	20.50	16.75	16.00
		3	2422	21.50	21.00	21.50	21.00	21.50	21.00	17.75	17.00	21.25	20.50	16.75	16.00
		4	2427	21.50	21.00	21.50	21.00	21.50	21.00	17.75	17.00	21.25	20.50	16.75	16.00
		5	2432	21.50	21.00	21.50	21.00	21.50	21.00	17.75	17.00	21.25	20.50	16.75	16.00
		6	2437	**21.50**	**21.00**	**21.50**	**21.00**	**21.50**	**21.00**	**17.75**	**17.00**	**21.25**	**20.50**	**16.75**	**16.00**
		7	2442	21.50	21.00	21.50	21.00	21.50	21.00	17.75	17.00	21.25	20.50	16.75	16.00
		8	2447	21.50	21.00	21.50	21.00	21.50	21.00	17.75	17.00	21.25	20.50	16.75	16.00
		9	2452	21.50	21.00	21.50	21.00	21.50	21.00	17.75	17.00	21.25	20.50	16.75	16.00
		10	2457	21.50	21.00	21.50	21.00	21.50	21.00	17.75	17.00	21.25	20.50	16.75	16.00
		11	2462	**21.50**	**21.00**	**21.50**	**21.00**	**21.50**	**21.00**	**17.75**	**17.00**	**21.25**	**20.50**	**16.75**	**16.00**
		12	2467	21.00	21.00	21.00	21.00	21.00	21.00	17.75	17.00	21.00	20.50	16.75	16.00
		13	2472	18.50	18.50	18.50	18.50	18.50	18.50	17.75	17.00	18.50	18.50	16.75	16.00

Antenna	Mode	Channel	Frequency (MHz)	Maximum Output Power (dBm)											
				Power States 1		Power States 2		Power States 3		Power States 4		Power States 5		Power States 6	
				Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B
ANT4	802.11b DSSS (SISO)	1	2412	**19.25**	**20.50**	**19.25**	**20.50**	**19.25**	**20.50**	**15.25**	**16.50**	**18.75**	**20.00**	**14.25**	**15.50**
		2	2417	19.25	20.50	19.25	20.50	19.25	20.50	15.25	16.50	18.75	20.00	14.25	15.50
		3	2422	19.25	20.50	19.25	20.50	19.25	20.50	15.25	16.50	18.75	20.00	14.25	15.50
		4	2427	19.25	20.50	19.25	20.50	19.25	20.50	15.25	16.50	18.75	20.00	14.25	15.50
		5	2432	19.25	20.50	19.25	20.50	19.25	20.50	15.25	16.50	18.75	20.00	14.25	15.50
		6	2437	**19.25**	**20.50**	**19.25**	**20.50**	**19.25**	**20.50**	**15.25**	**16.50**	**18.75**	**20.00**	**14.25**	**15.50**
		7	2442	19.25	20.50	19.25	20.50	19.25	20.50	15.25	16.50	18.75	20.00	14.25	15.50
		8	2447	19.25	20.50	19.25	20.50	19.25	20.50	15.25	16.50	18.75	20.00	14.25	15.50
		9	2452	19.25	20.50	19.25	20.50	19.25	20.50	15.25	16.50	18.75	20.00	14.25	15.50
		10	2457	19.25	20.50	19.25	20.50	19.25	20.50	15.25	16.50	18.75	20.00	14.25	15.50
		11	2462	**19.25**	**20.50**	**19.25**	**20.50**	**19.25**	**20.50**	**15.25**	**16.50**	**18.75**	**20.00**	**14.25**	**15.50**
		12	2467	19.25	20.50	19.25	20.50	19.25	20.50	15.25	16.50	18.75	20.00	14.25	15.50
		13	2472	18.50	18.50	18.50	18.50	18.50	18.50	15.25	16.50	18.50	18.50	14.25	15.50

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)	Ch #	Freq. (MHz)	Meas Pwr (dBm)	Max Output Pwr (dBm)
Power States 1 & Power States 2 & Power States 3	ANT3	DSSS 802.11b	1	2412	20.40	21.50	1	2412	19.60	21.00
			6	2437	20.30	21.50	6	2437	19.60	21.00
			11	2462	20.30	21.50	11	2462	19.50	21.00
	ANT4	DSSS 802.11b	1	2412	18.40	19.25	1	2412	19.50	20.50
			6	2437	18.50	19.25	6	2437	19.50	20.50
			11	2462	18.50	19.25	11	2462	19.50	20.50
Power Mode	Antenna	Mode	Power Mode A				Power Mode B			
			Ch #	Freq. (MHz)	Meas Pwr (dBm)	Max Output Pwr (dBm)	Ch #	Freq. (MHz)	Meas Pwr (dBm)	Max Output Pwr (dBm)
Power States 4	ANT3	DSSS 802.11b	1	2412	16.70	17.75	1	2412	15.80	17.00
			6	2437	16.70	17.75	6	2437	15.80	17.00
			11	2462	16.70	17.75	11	2462	15.60	17.00
	ANT4	DSSS 802.11b	1	2412	14.25	15.25	1	2412	15.50	16.50
			6	2437	14.25	15.25	6	2437	15.50	16.50
			11	2462	14.25	15.25	11	2462	15.30	16.50
Power Mode	Antenna	Mode	Power Mode A				Power Mode B			
			Ch #	Freq. (MHz)	Meas Pwr (dBm)	Max Output Pwr (dBm)	Ch #	Freq. (MHz)	Meas Pwr (dBm)	Max Output Pwr (dBm)
Power States 5	ANT3	DSSS 802.11b	1	2412	20.40	21.25	1	2412	19.60	20.50
			6	2437	20.30	21.25	6	2437	19.60	20.50
			11	2462	20.30	21.25	11	2462	19.50	20.50
	ANT4	DSSS 802.11b	1	2412	18.40	18.75	1	2412	19.50	20.00
			6	2437	18.50	18.75	6	2437	19.50	20.00
			11	2462	18.50	18.75	11	2462	19.50	20.00
Power Mode	Antenna	Mode	Power Mode A				Power Mode B			
			Ch #	Freq. (MHz)	Meas Pwr (dBm)	Max Output Pwr (dBm)	Ch #	Freq. (MHz)	Meas Pwr (dBm)	Max Output Pwr (dBm)
Power States 6	ANT3	DSSS 802.11b	1	2412	16.70	16.75	1	2412	15.80	16.00
			6	2437	16.70	16.75	6	2437	15.80	16.00
			11	2462	16.70	16.75	11	2462	15.60	16.00
	ANT4	DSSS 802.11b	1	2412	14.25	14.25	1	2412	15.50	15.50
			6	2437	14.25	14.25	6	2437	15.50	15.50
			11	2462	14.25	14.25	11	2462	15.30	15.50

Note(s):

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

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

When multiple channel bandwidth configurations in a frequency band have the same specified maximum output power, the initial test configuration is determined by applying the following steps sequentially.

1) The largest channel bandwidth configuration is selected among the multiple configurations in a frequency band with the same specified maximum output power.
2) If multiple configurations have the same specified maximum output power and largest channel bandwidth, the lowest order modulation among the largest channel bandwidth configurations is selected.
3) If multiple configurations have the same specified maximum output power, largest channel bandwidth and lowest order modulation, the lowest data rate configuration among these configurations is selected.
4) When multiple transmission modes (802.11a/n/ac/ax/be) have the same specified maximum output power, largest channel bandwidth, lowest order modulation and lowest data rate, the lowest order 802.11 mode is selected.

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.

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.

Maximum Output Power for Wi-Fi 5 GHz

The table below is the maximum output power for this device. The highlighted values indicate 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														
				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/11be HE20 (SISO) Low Rate	11ax/11be HE20 (SISO) Mid Rate	11ax/11be HE20 (SISO) High Rate	11ax/11be HE20 RU242 (SISO)	11ax/11be HE20 RU106 (SISO)	11ax/11be HE20 RU52 (SISO)	11ax/11be HE20 RU26 (SISO)	11be HE20 MRU106_26 (SISO)	11be HE20 MRU52_26 (SISO)
20 MHz	U-NII-1	36	5180	19.00	19.00	19.00	19.00	19.00	19.00	18.00	18.00	18.00	18.00	17.25	14.25	11.25	18.00	16.00
		40	5200	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	17.25	14.25	11.25	18.25	16.00
		44	5220	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	17.25	14.25	11.25	18.25	16.00
		48	5240	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	17.25	14.25	11.25	18.25	16.00
	U-NII-2A	52	5260	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	17.25	14.25	Disabled	Disabled	Disabled
		56	5280	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	17.25	14.25	Disabled	Disabled	Disabled
		60	5300	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	17.25	14.25	Disabled	Disabled	Disabled
		64	5320	19.00	19.00	19.00	19.00	19.00	19.00	18.00	18.00	18.00	18.00	17.25	14.25	Disabled	Disabled	Disabled
	U-NII-2C	100	5500	20.00	19.50	19.00	20.00	19.50	19.00	19.00	18.50	18.00	18.00	17.25	14.25	Disabled	Disabled	Disabled
		104	5520	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	17.25	14.25	Disabled	Disabled	Disabled
		108	5540	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	17.25	14.25	Disabled	Disabled	Disabled
		112	5560	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	17.25	14.25	Disabled	Disabled	Disabled
		116	5580	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	17.25	14.25	Disabled	Disabled	Disabled
		120	5600	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	17.25	14.25	Disabled	Disabled	Disabled
		124	5620	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	17.25	14.25	Disabled	Disabled	Disabled
		128	5640	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	17.25	14.25	Disabled	Disabled	Disabled
		132	5660	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	17.25	14.25	Disabled	Disabled	Disabled
		136	5680	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	17.25	14.25	Disabled	Disabled	Disabled
		140	5700	17.00	16.50	16.00	17.00	16.50	16.00	16.50	16.00	15.50	15.50	15.50	14.25	Disabled	Disabled	Disabled
		144	5720	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	17.25	14.25	Disabled	Disabled	Disabled
	U-NII-3	149	5745	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	17.25	14.25	11.25	18.25	16.00
		153	5765	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	17.25	14.25	11.25	18.25	16.00
		157	5785	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	17.25	14.25	11.25	18.25	16.00
		161	5805	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	17.25	14.25	11.25	18.25	16.00
		165	5825	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	20.50	17.25	14.25	11.25	18.25	16.00

Bandwidth	Band	Channel	Frequency (MHz)	11n/11ac HT40 (SISO) Low Rate	11n/11ac HT40 (SISO) Mid Rate	11n/11ac HT40 (SISO) High Rate	11ax/11be HE40 (SISO) Low Rate	11ax/11be HE40 (SISO) Mid Rate	11ax/11be HE40 (SISO) High Rate	11ax/11be HE40 RU484 (SISO)	11ax/11be HE40 RU106 (SISO)	11ax/11be HE40 RU52 (SISO)	11ax/11be HE40 RU26 (SISO)	11be HE40 MRU106_26 (SISO)	11be HE40 MRU52_26 (SISO)
40 MHz	U-NII-1	38	5190	16.50	16.00	15.50	16.00	15.50	15.00	15.00	14.25	11.25	8.25	15.00	13.00
		46	5230	20.50	20.50	20.50	20.50	20.50	20.50	20.50	14.25	11.25	8.25	15.25	13.00
	U-NII-2A	54	5270	20.50	20.50	20.50	20.50	20.50	20.50	20.50	14.25	11.25	Disabled	Disabled	Disabled
		62	5310	17.00	16.50	16.00	16.00	15.50	15.00	15.00	14.25	11.25	Disabled	Disabled	Disabled
	U-NII-2C	102	5510	16.00	15.50	15.00	16.00	15.50	15.00	15.00	14.25	11.25	Disabled	Disabled	Disabled
		110	5550	20.50	20.50	20.50	20.50	20.50	20.50	20.50	14.25	11.25	Disabled	Disabled	Disabled
		118	5590	20.50	20.50	20.50	20.50	20.50	20.50	20.50	14.25	11.25	Disabled	Disabled	Disabled
		126	5630	20.50	20.50	20.50	20.50	20.50	20.50	20.50	14.25	11.25	Disabled	Disabled	Disabled
		134	5670	18.50	18.00	17.50	18.00	17.50	17.00	17.00	14.25	11.25	Disabled	Disabled	Disabled
		142	5710	20.50	20.50	20.50	20.50	20.50	20.50	20.50	14.25	11.25	Disabled	Disabled	Disabled
	U-NII-3	151	5755	20.50	20.50	20.50	20.50	20.50	20.50	20.50	14.25	11.25	8.25	15.25	13.00
		159	5795	20.50	20.50	20.50	20.50	20.50	20.50	20.50	14.25	11.25	8.25	15.25	13.00

Bandwidth	Band	Channel	Frequency (MHz)	11ac VHT80 (SISO) Low Rate	11ac VHT80 (SISO) Mid Rate	11ac VHT80 (SISO) High Rate	11ax/11be HE80 (SISO) Low Rate	11ax/11be HE80 (SISO) Mid Rate	11ax/11be HE80 (SISO) High Rate	11ax/11be HE80 RU996 (SISO)	11ax/11be HE80 RU106 (SISO)	11ax/11be HE80 RU52 (SISO)	11ax/11be HE80 RU26 (SISO)	11be HE80 MRU484_242 (SISO)	11be HE80 MRU106_26 (SISO)	11be HE80 MRU52_26 (SISO)
80 MHz	U-NII-1	42	5210	16.50	16.00	15.50	16.50	16.00	15.50	15.50	11.25	8.00	5.00	15.50	12.00	9.75
	U-NII-2A	58	5290	17.00	16.50	16.00	17.00	16.50	16.00	16.00	11.25	8.00	Disabled	16.00	Disabled	Disabled
	U-NII-2C	106	5530	17.00	16.50	16.00	16.00	15.50	15.00	15.00	11.25	8.00	Disabled	15.00	Disabled	Disabled
		122	5610	20.50	20.50	20.50	20.50	20.50	20.50	20.50	11.25	8.00	Disabled	20.50	Disabled	Disabled
		138	5690	20.50	20.50	20.50	20.50	20.50	20.50	20.50	11.25	8.00	Disabled	20.50	Disabled	Disabled
	U-NII-3	155	5775	20.50	20.50	20.50	20.50	20.50	20.50	20.50	11.25	8.00	5.00	20.50	12.00	9.75

Bandwidth	Band	Channel	Frequency (MHz)	11ac VHT160 (SISO) Low Rate	11ac VHT160 (SISO) Mid Rate	11ac VHT160 (SISO) High Rate	11ax/11be HE160 (SISO) Low Rate	11ax/11be HE160 (SISO) Mid Rate	11ax/11be HE160 (SISO) High Rate	11ax/11be HE160 RU996_2 (SISO)	11ax/11be HE160 RU106 (SISO)	11ax/11be HE160 RU52 (SISO)	11ax/11be HE160 RU26 (SISO)	11be HE160 MRU996_484_242 (SISO)	11be HE160 MRU996_484 (SISO)	11be HE160 MRU484_242 (SISO)	11be HE160 MRU106_26 (SISO)	11be HE160 MRU52_26 (SISO)
160 MHz	U-NII-1&2A	50	5250	14.50	13.50	13.25	14.50	13.75	13.25	13.25	8.25	5.00	Disabled	13.25	13.25	13.25	Disabled	Disabled
	U-NII-2C	114	5570	15.50	14.50	14.25	15.50	14.50	14.25	13.50	8.25	5.00	Disabled	13.50	13.50	13.50	Disabled	Disabled

Bandwidth	Band	Channel	Frequency (MHz)	Maximum Output Power (dBm)																							
				ANT5 / ANT6																							
				MIMO																							
				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/11be HE20 (2Tx, CDD, nonTxBF) Low Rate	11ax/11be HE20 (2Tx, CDD, nonTxBF) Mid Rate	11ax/11be HE20 (2Tx, CDD, nonTxBF) High Rate	11ax/11be HE20 RU242 (2Tx, CDD, nonTxBF)	11ax/11be HE20 RU106 (2Tx, CDD, nonTxBF)	11ax/11be HE20 RU52 (2Tx, CDD, nonTxBF)	11ax/11be HE20 RU26 (2Tx, CDD, nonTxBF)	11be HE20 MRU106_26 (2Tx, CDD, nonTxBF)	11be HE20 MRU52_26 (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/11be HE20 (2Tx, SDM, nonTXBF) Low Rate	11ax/11be HE20 (2Tx, SDM, nonTXBF) Mid Rate	11ax/11be HE20 (2Tx, SDM, nonTXBF) High Rate	11ax/11be HE20 RU242 (2Tx, SDM, nonTxBF)	11ax/11be HE20 RU106 (2Tx, SDM, nonTxBF)	11ax/11be HE20 RU52 (2Tx, SDM, nonTxBF)	11ax/11be HE20 RU26 (2Tx, SDM, nonTxBF)	11be HE20 MRU106_26 (2Tx, SDM, nonTxBF)	11be HE20 MRU52_26 (2Tx, SDM, nonTxBF)
20 MHz	U-NII-1	36	5180	17.00	17.00	17.00	17.00	17.00	17.00	17.00	15.00	12.00	9.00	15.75	13.50	17.00	17.00	17.00	17.00	17.00	17.00	17.00	15.00	12.00	9.00	15.75	13.50
		40	5200	17.00	17.00	17.00	17.00	17.00	17.00	17.00	15.00	12.00	9.00	15.75	13.50	17.00	17.00	17.00	17.00	17.00	17.00	17.00	15.00	12.00	9.00	15.75	13.50
		44	5220	17.00	17.00	17.00	17.00	17.00	17.00	17.00	15.00	12.00	9.00	15.75	13.50	17.00	17.00	17.00	17.00	17.00	17.00	17.00	15.00	12.00	9.00	15.75	13.50
		48	5240	17.00	17.00	17.00	17.00	17.00	17.00	17.00	15.00	12.00	9.00	15.75	13.50	17.00	17.00	17.00	17.00	17.00	17.00	17.00	15.00	12.00	9.00	15.75	13.50
	U-NII-2A	52	5260	17.00	17.00	17.00	17.00	17.00	17.00	17.00	15.00	12.00	Disabled	Disabled	Disabled	17.00	17.00	17.00	17.00	17.00	17.00	17.00	15.00	12.00	Disabled	Disabled	Disabled
		56	5280	17.00	17.00	17.00	17.00	17.00	17.00	17.00	15.00	12.00	Disabled	Disabled	Disabled	17.00	17.00	17.00	17.00	17.00	17.00	17.00	15.00	12.00	Disabled	Disabled	Disabled
		60	5300	17.00	17.00	17.00	17.00	17.00	17.00	17.00	15.00	12.00	Disabled	Disabled	Disabled	17.00	17.00	17.00	17.00	17.00	17.00	17.00	15.00	12.00	Disabled	Disabled	Disabled
		64	5320	17.00	17.00	17.00	17.00	17.00	17.00	17.00	15.00	12.00	Disabled	Disabled	Disabled	17.00	17.00	17.00	17.00	17.00	17.00	17.00	15.00	12.00	Disabled	Disabled	Disabled
	U-NII-2C	100	5500	17.00	17.00	17.00	17.00	17.00	17.00	17.00	15.00	12.00	Disabled	Disabled	Disabled	17.00	17.00	17.00	17.00	17.00	17.00	17.00	15.00	12.00	Disabled	Disabled	Disabled
		104	5520	17.00	17.00	17.00	17.00	17.00	17.00	17.00	15.00	12.00	Disabled	Disabled	Disabled	17.00	17.00	17.00	17.00	17.00	17.00	17.00	15.00	12.00	Disabled	Disabled	Disabled
		108	5540	17.00	17.00	17.00	17.00	17.00	17.00	17.00	15.00	12.00	Disabled	Disabled	Disabled	17.00	17.00	17.00	17.00	17.00	17.00	17.00	15.00	12.00	Disabled	Disabled	Disabled
		112	5560	17.00	17.00	17.00	17.00	17.00	17.00	17.00	15.00	12.00	Disabled	Disabled	Disabled	17.00	17.00	17.00	17.00	17.00	17.00	17.00	15.00	12.00	Disabled	Disabled	Disabled
		116	5580	17.00	17.00	17.00	17.00	17.00	17.00	17.00	15.00	12.00	Disabled	Disabled	Disabled	17.00	17.00	17.00	17.00	17.00	17.00	17.00	15.00	12.00	Disabled	Disabled	Disabled
		120	5600	17.00	17.00	17.00	17.00	17.00	17.00	17.00	15.00	12.00	Disabled	Disabled	Disabled	17.00	17.00	17.00	17.00	17.00	17.00	17.00	15.00	12.00	Disabled	Disabled	Disabled
		124	5620	17.00	17.00	17.00	17.00	17.00	17.00	17.00	15.00	12.00	Disabled	Disabled	Disabled	17.00	17.00	17.00	17.00	17.00	17.00	17.00	15.00	12.00	Disabled	Disabled	Disabled
		128	5640	17.00	17.00	17.00	17.00	17.00	17.00	17.00	15.00	12.00	Disabled	Disabled	Disabled	17.00	17.00	17.00	17.00	17.00	17.00	17.00	15.00	12.00	Disabled	Disabled	Disabled
		132	5660	17.00	17.00	17.00	17.00	17.00	17.00	17.00	15.00	12.00	Disabled	Disabled	Disabled	17.00	17.00	17.00	17.00	17.00	17.00	17.00	15.00	12.00	Disabled	Disabled	Disabled
		136	5680	17.00	17.00	17.00	17.00	17.00	17.00	17.00	15.00	12.00	Disabled	Disabled	Disabled	17.00	17.00	17.00	17.00	17.00	17.00	17.00	15.00	12.00	Disabled	Disabled	Disabled
		140	5700	16.50	16.00	15.50	16.00	15.50	15.00	15.00	15.00	12.00	Disabled	Disabled	Disabled	16.50	16.00	15.50	16.00	15.50	15.00	15.00	15.00	12.00	Disabled	Disabled	Disabled
		144	5720	17.00	17.00	17.00	17.00	17.00	17.00	17.00	15.00	12.00	Disabled	Disabled	Disabled	17.00	17.00	17.00	17.00	17.00	17.00	17.00	15.00	12.00	Disabled	Disabled	Disabled
	U-NII-3	149	5745	20.50	20.50	20.50	20.50	20.50	20.50	20.50	17.25	14.25	11.25	18.25	16.00	20.50	20.50	20.50	20.50	20.50	20.50	20.50	17.25	14.25	11.25	18.25	16.00
		153	5765	20.50	20.50	20.50	20.50	20.50	20.50	20.50	17.25	14.25	11.25	18.25	16.00	20.50	20.50	20.50	20.50	20.50	20.50	20.50	17.25	14.25	11.25	18.25	16.00
		157	5785	20.50	20.50	20.50	20.50	20.50	20.50	20.50	17.25	14.25	11.25	18.25	16.00	20.50	20.50	20.50	20.50	20.50	20.50	20.50	17.25	14.25	11.25	18.25	16.00
		161	5805	20.50	20.50	20.50	20.50	20.50	20.50	20.50	17.25	14.25	11.25	18.25	16.00	20.50	20.50	20.50	20.50	20.50	20.50	20.50	17.25	14.25	11.25	18.25	16.00
		165	5825	20.50	20.50	20.50	20.50	20.50	20.50	20.50	17.25	14.25	11.25	18.25	16.00	20.50	20.50	20.50	20.50	20.50	20.50	20.50	17.25	14.25	11.25	18.25	16.00

Bandwidth	Band	Channel	Frequency (MHz)	11n/11ac HT40 (2Tx, CDD, nonTXBF) Low Rate	11n/11ac HT40 (2Tx, CDD, nonTXBF) Mid Rate	11n/11ac HT40 (2Tx, CDD, nonTXBF) High Rate	11ax/11be HE40 (2Tx, CDD, nonTxBF) Low Rate	11ax/11be HE40 (2Tx, CDD, nonTxBF) Mid Rate	11ax/11be HE40 (2Tx, CDD, nonTxBF) High Rate	11ax/11be HE40 RU484 (2Tx, CDD, nonTxBF)	11ax/11be HE40 RU106 (2Tx, CDD, nonTxBF)	11ax/11be HE40 RU52 (2Tx, CDD, nonTxBF)	11ax/11be HE40 RU26 (2Tx, CDD, nonTxBF)	11be HE40 MRU106_26 (2Tx, CDD, nonTxBF)	11be HE40 MRU52_26 (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/11be HE40 (2Tx, SDM, nonTXBF) Low Rate	11ax/11be HE40 (2Tx, SDM, nonTXBF) Mid Rate	11ax/11be HE40 (2Tx, SDM, nonTXBF) High Rate	11ax/11be HE40 RU484 (2Tx, SDM, nonTxBF)	11ax/11be HE40 RU106 (2Tx, SDM, nonTxBF)	11ax/11be HE40 RU52 (2Tx, SDM, nonTxBF)	11ax/11be HE40 RU26 (2Tx, SDM, nonTxBF)	11be HE40 MRU106_26 (2Tx, SDM, nonTxBF)	11be HE40 MRU52_26 (2Tx, SDM, nonTxBF)
40 MHz	U-NII-1	38	5190	16.00	15.50	15.00	15.50	15.00	14.50	14.50	14.25	11.25	8.25	14.50	13.00	16.00	15.50	15.00	15.50	15.00	14.50	14.50	14.25	11.25	8.25	14.50	13.00
		46	5230	20.00	20.00	20.00	20.00	20.00	20.00	20.00	14.25	11.25	8.25	15.25	13.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	14.25	11.25	8.25	15.25	13.00
	U-NII-2A	54	5270	20.00	20.00	20.00	20.00	20.00	20.00	20.00	14.25	11.25	Disabled	Disabled	Disabled	20.00	20.00	20.00	20.00	20.00	20.00	20.00	14.25	11.25	Disabled	Disabled	Disabled
		62	5310	15.50	15.00	14.50	15.50	15.00	14.50	14.50	14.25	11.25	Disabled	Disabled	Disabled	15.50	15.00	14.50	15.50	15.00	14.50	14.50	14.25	11.25	Disabled	Disabled	Disabled
	U-NII-2C	102	5510	15.00	14.50	14.00	15.50	15.00	14.50	14.50	14.25	11.25	Disabled	Disabled	Disabled	15.00	14.50	14.00	15.50	15.00	14.50	14.50	14.25	11.25	Disabled	Disabled	Disabled
		110	5550	20.00	20.00	20.00	20.00	20.00	20.00	20.00	14.25	11.25	Disabled	Disabled	Disabled	20.00	20.00	20.00	20.00	20.00	20.00	20.00	14.25	11.25	Disabled	Disabled	Disabled
		118	5590	20.00	20.00	20.00	20.00	20.00	20.00	20.00	14.25	11.25	Disabled	Disabled	Disabled	20.00	20.00	20.00	20.00	20.00	20.00	20.00	14.25	11.25	Disabled	Disabled	Disabled
		126	5630	20.00	20.00	20.00	20.00	20.00	20.00	20.00	14.25	11.25	Disabled	Disabled	Disabled	20.00	20.00	20.00	20.00	20.00	20.00	20.00	14.25	11.25	Disabled	Disabled	Disabled
		134	5670	18.00	17.50	17.00	17.50	17.00	16.50	16.50	14.25	11.25	Disabled	Disabled	Disabled	18.00	17.50	17.00	17.50	17.00	16.50	16.50	14.25	11.25	Disabled	Disabled	Disabled
		142	5710	20.00	20.00	20.00	20.00	20.00	20.00	20.00	14.25	11.25	Disabled	Disabled	Disabled	20.00	20.00	20.00	20.00	20.00	20.00	20.00	14.25	11.25	Disabled	Disabled	Disabled
	U-NII-3	151	5755	20.50	20.50	20.50	20.50	20.50	20.50	20.50	14.25	11.25	8.25	15.25	13.00	20.50	20.50	20.50	20.50	20.50	20.50	20.50	14.25	11.25	8.25	15.25	13.00
		159	5795	20.50	20.50	20.50	20.50	20.50	20.50	20.50	14.25	11.25	8.25	15.25	13.00	20.50	20.50	20.50	20.50	20.50	20.50	20.50	14.25	11.25	8.25	15.25	13.00

Bandwidth	Band	Channel	Frequency (MHz)	11ac VHT80 (2Tx, CDD, nonTXBF) Low Rate	11ac VHT80 (2Tx, CDD, nonTXBF) Mid Rate	11ac VHT80 (2Tx, CDD, nonTXBF) High Rate	11ax/11be HE80 (2Tx, CDD, nonTxBF) Low Rate	11ax/11be HE80 (2Tx, CDD, nonTxBF) Mid Rate	11ax/11be HE80 (2Tx, CDD, nonTxBF) High Rate	11ax/11be HE80 RU996 (2Tx, CDD, nonTxBF)	11ax/11be HE80 RU106 (2Tx, CDD, nonTxBF)	11ax/11be HE80 RU52 (2Tx, CDD, nonTxBF)	11ax/11be HE80 RU26 (2Tx, CDD, nonTxBF)	11be HE80 MRU484_242 (2Tx, CDD, nonTxBF)	11be HE80 MRU106_26 (2Tx, CDD, nonTxBF)	11be HE80 MRU52_26 (2Tx, CDD, nonTxBF)	11ac VHT80 (2Tx, SDM, nonTxBF) Low Rate	11ac VHT80 (2Tx, SDM, nonTxBF) Mid Rate	11ac VHT80 (2Tx, SDM, nonTxBF) High Rate	11ax/11be HE80 (2Tx, SDM, nonTXBF) Low Rate	11ax/11be HE80 (2Tx, SDM, nonTXBF) Mid Rate	11ax/11be HE80 (2Tx, SDM, nonTXBF) High Rate	11ax/11be HE80 RU996 (2Tx, SDM, nonTxBF)	11ax/11be HE80 RU106 (2Tx, SDM, nonTxBF)	11ax/11be HE80 RU52 (2Tx, SDM, nonTxBF)	11ax/11be HE80 RU26 (2Tx, SDM, nonTxBF)	11be HE80 MRU484_242 (2Tx, SDM, nonTxBF)	11be HE80 MRU106_26 (2Tx, SDM, nonTxBF)	11be HE80 MRU52_26 (2Tx, SDM, nonTxBF)
80 MHz	U-NII-1	42	5210	15.50	15.00	14.50	15.50	15.00	14.50	14.50	11.25	8.00	5.00	14.50	12.00	9.75	15.50	15.00	14.50	15.50	15.00	14.50	14.50	11.25	8.00	5.00	14.50	12.00	9.75
	U-NII-2A	58	5290	16.50	16.00	15.50	16.00	15.50	15.00	15.00	11.25	8.00	Disabled	15.00	Disabled	Disabled	16.50	16.00	15.50	16.00	15.50	15.00	15.00	11.25	8.00	Disabled	15.00	Disabled	Disabled
	U-NII-2C	106	5530	16.50	16.00	15.50	15.00	14.50	14.00	14.00	11.25	8.00	Disabled	14.00	Disabled	Disabled	16.50	16.00	15.50	15.00	14.50	14.00	14.00	11.25	8.00	Disabled	14.00	Disabled	Disabled
		122	5610	20.00	20.00	20.00	20.00	20.00	20.00	20.00	11.25	8.00	Disabled	20.00	Disabled	Disabled	20.00	20.00	20.00	20.00	20.00	20.00	20.00	11.25	8.00	Disabled	20.00	Disabled	Disabled
		138	5690	20.00	20.00	20.00	20.00	20.00	20.00	20.00	11.25	8.00	Disabled	20.00	Disabled	Disabled	20.00	20.00	20.00	20.00	20.00	20.00	20.00	11.25	8.00	Disabled	20.00	Disabled	Disabled
	U-NII-3	155	5775	20.50	20.50	20.00	20.00	20.00	20.00	20.00	11.25	8.00	5.00	20.00	12.00	9.75	20.50	20.50	20.00	20.00	20.00	20.00	20.00	11.25	8.00	5.00	20.00	12.00	9.75

Bandwidth	Band	Channel	Frequency (MHz)	11ac VHT160 (2Tx, CDD, nonTXBF) Low Rate	11ac VHT160 (2Tx, CDD, nonTXBF) Mid Rate	11ac VHT160 (2Tx, CDD, nonTXBF) High Rate	11ax/11be HE160 (2Tx, CDD, nonTxBF) Low Rate	11ax/11be HE160 (2Tx, CDD, nonTxBF) Mid Rate	11ax/11be HE160 (2Tx, CDD, nonTxBF) High Rate	11ax/11be HE160 RU996_2 (2Tx, CDD, nonTxBF)	11ax/11be HE160 RU106 (2Tx, CDD, nonTxBF)	11ax/11be HE160 RU52 (2Tx, CDD, nonTxBF)	11ax/11be HE160 RU26 (2Tx, CDD, nonTxBF)	11be HE160 MRU996_484_242 (2Tx, CDD, nonTxBF)	11be HE160 MRU996_484 (2Tx, CDD, nonTxBF)	11be HE160 MRU484_242 (2Tx, CDD, nonTxBF)	11be HE160 MRU106_26 (2Tx, CDD, nonTxBF)	11be HE160 MRU52_26 (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/11be HE160 (2Tx, SDM, nonTXBF) Low Rate	11ax/11be HE160 (2Tx, SDM, nonTXBF) Mid Rate	11ax/11be HE160 (2Tx, SDM, nonTXBF) High Rate	11ax/11be HE160 RU996_2 (2Tx, SDM, nonTxBF)	11ax/11be HE160 RU106 (2Tx, SDM, nonTxBF)	11ax/11be HE160 RU52 (2Tx, SDM, nonTxBF)	11ax/11be HE160 RU26 (2Tx, SDM, nonTxBF)	11be HE160 MRU996_484_242 (2Tx, SDM, nonTxBF)	11be HE160 MRU996_484 (2Tx, SDM, nonTxBF)	11be HE160 MRU484_242 (2Tx, SDM, nonTxBF)	11be HE160 MRU106_26 (2Tx, SDM, nonTxBF)	11be HE160 MRU52_26 (2Tx, SDM, nonTxBF)
160 MHz	U-NII-1&2A	50	5250	14.00	13.00	12.75	14.00	13.25	12.75	12.75	8.25	5.00	Disabled	12.75	12.75	12.75	Disabled	Disabled	14.00	13.00	12.75	14.00	13.25	12.75	12.75	8.25	5.00	Disabled	12.75	12.75	12.75	Disabled	Disabled
	U-NII-2C	114	5570	15.00	14.00	13.75	15.00	14.00	13.75	13.00	8.25	5.00	Disabled	13.00	13.00	13.00	Disabled	Disabled	15.00	14.00	13.75	15.00	14.00	13.75	13.00	8.25	5.00	Disabled	13.00	13.00	13.00	Disabled	Disabled

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	16.75	18.00	19.00	19.00	15.75	17.00
			40	5200	20.00	20.00	20.00	20.00	20.00	20.00	16.75	18.00	20.00	20.00	15.75	17.00
			44	5220	20.00	20.00	20.00	20.00	20.00	20.00	16.75	18.00	20.00	20.00	15.75	17.00
			48	5240	20.00	20.00	20.00	20.00	20.00	20.00	16.75	18.00	20.00	20.00	15.75	17.00
		802.11n/ac 40 MHz	38	5190	16.50	16.50	16.50	16.50	16.50	16.50	16.50	**16.50**	16.50	16.50	15.75	**16.50**
			46	5230	20.50	20.50	20.50	20.50	20.50	20.50	16.75	**18.00**	20.25	20.50	15.75	**17.00**
		802.11ac 80 MHz	42	5210	16.50	16.50	16.50	16.50	16.50	16.50	16.50	16.50	16.50	16.50	15.75	16.50
	U-NII-2A 5.3 GHz (SISO)	802.11a 20 MHz	52	5260	20.00	20.00	20.00	20.00	20.00	20.00	16.75	17.00	20.00	20.00	15.75	16.00
			56	5280	20.00	20.00	20.00	20.00	20.00	20.00	16.75	17.00	20.00	20.00	15.75	16.00
			60	5300	20.00	20.00	20.00	20.00	20.00	20.00	16.75	17.00	20.00	20.00	15.75	16.00
			64	5320	19.00	19.00	19.00	19.00	19.00	19.00	16.75	17.00	19.00	19.00	15.75	16.00
		802.11n/ac 40 MHz	54	5270	**20.50**	**20.50**	**20.50**	**20.50**	**20.50**	**20.50**	16.75	17.00	**20.25**	**20.50**	15.75	16.00
			62	5310	**17.00**	**17.00**	**17.00**	**17.00**	**17.00**	**17.00**	16.75	17.00	**17.00**	**17.00**	15.75	16.00
		802.11ac 80 MHz	58	5290	17.00	17.00	17.00	17.00	17.00	17.00	**16.75**	17.00	17.00	17.00	**15.75**	16.00
		802.11ac 160 MHz	50	5250	14.50	14.50	14.50	14.50	14.50	14.50	14.50	14.50	14.50	14.50	14.50	14.50

Antenna	Mode	Bandwidth	Channel	Frequency	Maximum Output Power (dBm)											
					Power State 1		Power State 2		Power State 3		Power State 4		Power State 5		Power State 6	
					Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B
ANT5	U-NII-2C 5.5 GHz (SISO)	802.11a 20 MHz	100	5500	20.00	19.50	20.00	19.50	20.00	19.50	16.50	15.50	20.00	19.00	15.50	14.50
			104	5520	20.00	19.50	20.00	19.50	20.00	19.50	16.50	15.50	20.00	19.00	15.50	14.50
			108	5540	20.00	19.50	20.00	19.50	20.00	19.50	16.50	15.50	20.00	19.00	15.50	14.50
			112	5560	20.00	19.50	20.00	19.50	20.00	19.50	16.50	15.50	20.00	19.00	15.50	14.50
			116	5580	20.00	19.50	20.00	19.50	20.00	19.50	16.50	15.50	20.00	19.00	15.50	14.50
			120	5600	20.00	19.50	20.00	19.50	20.00	19.50	16.50	15.50	20.00	19.00	15.50	14.50
			124	5620	20.00	19.50	20.00	19.50	20.00	19.50	16.50	15.50	20.00	19.00	15.50	14.50
			128	5640	20.00	19.50	20.00	19.50	20.00	19.50	16.50	15.50	20.00	19.00	15.50	14.50
			132	5660	20.00	19.50	20.00	19.50	20.00	19.50	16.50	15.50	20.00	19.00	15.50	14.50
			136	5680	20.00	19.50	20.00	19.50	20.00	19.50	16.50	15.50	20.00	19.00	15.50	14.50
			140	5700	17.00	17.00	17.00	17.00	17.00	17.00	16.50	15.50	17.00	17.00	15.50	14.50
			144	5720	20.00	19.50	20.00	19.50	20.00	19.50	16.50	15.50	20.00	19.00	15.50	14.50
		802.11n/ac 40 MHz	102	5510	16.00	16.00	16.00	16.00	16.00	16.00	16.00	15.50	16.00	16.00	15.50	14.50
			110	5550	20.50	19.50	20.50	19.50	20.50	19.50	16.50	15.50	20.00	19.00	15.50	14.50
			118	5590	20.50	19.50	20.50	19.50	20.50	19.50	16.50	15.50	20.00	19.00	15.50	14.50
			126	5630	20.50	19.50	20.50	19.50	20.50	19.50	16.50	15.50	20.00	19.00	15.50	14.50
			134	5670	18.50	18.50	18.50	18.50	18.50	18.50	16.50	15.50	18.50	18.50	15.50	14.50
			142	5710	20.50	19.50	20.50	19.50	20.50	19.50	16.50	15.50	20.00	19.00	15.50	14.50
		802.11ac 80 MHz	106	5530	**17.00**	**17.00**	**17.00**	**17.00**	**17.00**	**17.00**	**16.50**	15.50	**17.00**	**17.00**	15.50	14.50
			122	5610	**20.50**	**19.50**	**20.50**	**19.50**	**20.50**	**19.50**	**16.50**	15.50	**20.00**	**19.00**	15.50	14.50
			138	5690	**20.50**	**19.50**	**20.50**	**19.50**	**20.50**	**19.50**	**16.50**	15.50	**20.00**	**19.00**	15.50	14.50
		802.11ac 160 MHz	114	5570	15.50	15.50	15.50	15.50	15.50	15.50	15.50	**15.50**	15.50	15.50	**15.50**	**14.50**

Antenna	Mode	Bandwidth	Channel	Frequency	Maximum Output Power (dBm)											
					Power State 1		Power State 2		Power State 3		Power State 4		Power State 5		Power State 6	
					Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B
ANT5	U-NII-3 5.8 GHz (SISO)	802.11a 20 MHz	149	5745	20.50	18.25	20.50	18.25	20.50	18.25	16.75	14.25	20.25	17.75	15.75	13.25
			153	5765	20.50	18.25	20.50	18.25	20.50	18.25	16.75	14.25	20.25	17.75	15.75	13.25
			157	5785	20.50	18.25	20.50	18.25	20.50	18.25	16.75	14.25	20.25	17.75	15.75	13.25
			161	5805	20.50	18.25	20.50	18.25	20.50	18.25	16.75	14.25	20.25	17.75	15.75	13.25
			165	5825	20.50	18.25	20.50	18.25	20.50	18.25	16.75	14.25	20.25	17.75	15.75	13.25
		802.11n/ac 40 MHz	151	5755	20.50	18.25	20.50	18.25	20.50	18.25	16.75	14.25	20.25	17.75	15.75	13.25
			159	5795	20.50	18.25	20.50	18.25	20.50	18.25	16.75	14.25	20.25	17.75	15.75	13.25
		802.11ac 80 MHz	155	5775	**20.50**	**18.25**	**20.50**	**18.25**	**20.50**	**18.25**	**16.75**	**14.25**	**20.25**	**17.75**	**15.75**	**13.25**

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-1 5.2 GHz (SISO)	802.11a 20 MHz	36	5180	19.00	15.50	19.00	15.50	19.00	15.50	19.00	11.50	19.00	15.00	19.00	10.50
			40	5200	20.00	15.50	20.00	15.50	20.00	15.50	20.00	11.50	20.00	15.00	20.00	10.50
			44	5220	20.00	15.50	20.00	15.50	20.00	15.50	20.00	11.50	20.00	15.00	20.00	10.50
			48	5240	20.00	15.50	20.00	15.50	20.00	15.50	20.00	11.50	20.00	15.00	20.00	10.50
		802.11n/ac 40 MHz	38	5190	16.50	15.50	16.50	15.50	16.50	15.50	16.50	11.50	16.50	15.00	16.50	10.50
			46	5230	20.50	15.50	20.50	15.50	20.50	15.50	20.50	11.50	20.50	15.00	20.50	10.50
		802.11ac 80 MHz	42	5210	16.50	**15.50**	16.50	**15.50**	16.50	**15.50**	16.50	**11.50**	16.50	**15.00**	16.50	**10.50**
	U-NII-2A 5.3 GHz (SISO)	802.11a 20 MHz	52	5260	20.00	15.00	20.00	15.00	20.00	15.00	20.00	11.00	20.00	14.50	20.00	10.00
			56	5280	20.00	15.00	20.00	15.00	20.00	15.00	20.00	11.00	20.00	14.50	20.00	10.00
			60	5300	20.00	15.00	20.00	15.00	20.00	15.00	20.00	11.00	20.00	14.50	20.00	10.00
			64	5320	19.00	15.00	19.00	15.00	19.00	15.00	19.00	11.00	19.00	14.50	19.00	10.00
		802.11n/ac 40 MHz	54	5270	**20.50**	15.00	**20.50**	15.00	**20.50**	15.00	**20.50**	11.00	**20.50**	14.50	**20.50**	10.00
			62	5310	**17.00**	15.00	**17.00**	15.00	**17.00**	15.00	**17.00**	11.00	**17.00**	14.50	**17.00**	10.00
		802.11ac 80 MHz	58	5290	17.00	15.00	17.00	15.00	17.00	15.00	17.00	11.00	17.00	14.50	17.00	10.00
		802.11ac 160 MHz	50	5250	14.50	14.50	14.50	14.50	14.50	14.50	14.50	11.00	14.50	14.50	14.50	10.00

Antenna	Mode	Bandwidth	Channel	Frequency	Maximum Output Power (dBm)											
					Power State 1		Power State 2		Power State 3		Power State 4		Power State 5		Power State 6	
					Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B
ANT6	U-NII-2C 5.5 GHz (SISO)	802.11a 20 MHz	100	5500	20.00	13.25	20.00	13.25	20.00	13.25	20.00	9.25	20.00	12.75	20.00	8.25
			104	5520	20.00	13.25	20.00	13.25	20.00	13.25	20.00	9.25	20.00	12.75	20.00	8.25
			108	5540	20.00	13.25	20.00	13.25	20.00	13.25	20.00	9.25	20.00	12.75	20.00	8.25
			112	5560	20.00	13.25	20.00	13.25	20.00	13.25	20.00	9.25	20.00	12.75	20.00	8.25
			116	5580	20.00	13.25	20.00	13.25	20.00	13.25	20.00	9.25	20.00	12.75	20.00	8.25
			120	5600	20.00	13.25	20.00	13.25	20.00	13.25	20.00	9.25	20.00	12.75	20.00	8.25
			124	5620	20.00	13.25	20.00	13.25	20.00	13.25	20.00	9.25	20.00	12.75	20.00	8.25
			128	5640	20.00	13.25	20.00	13.25	20.00	13.25	20.00	9.25	20.00	12.75	20.00	8.25
			132	5660	20.00	13.25	20.00	13.25	20.00	13.25	20.00	9.25	20.00	12.75	20.00	8.25
			136	5680	20.00	13.25	20.00	13.25	20.00	13.25	20.00	9.25	20.00	12.75	20.00	8.25
			140	5700	17.00	13.25	17.00	13.25	17.00	13.25	17.00	9.25	17.00	12.75	17.00	8.25
			144	5720	20.00	13.25	20.00	13.25	20.00	13.25	20.00	9.25	20.00	12.75	20.00	8.25
		802.11n/ac 40 MHz	102	5510	16.00	13.25	16.00	13.25	16.00	13.25	16.00	9.25	16.00	12.75	16.00	8.25
			110	5550	20.50	13.25	20.50	13.25	20.50	13.25	20.50	9.25	20.50	12.75	20.50	8.25
			118	5590	20.50	13.25	20.50	13.25	20.50	13.25	20.50	9.25	20.50	12.75	20.50	8.25
			126	5630	20.50	13.25	20.50	13.25	20.50	13.25	20.50	9.25	20.50	12.75	20.50	8.25
			134	5670	18.50	13.25	18.50	13.25	18.50	13.25	18.50	9.25	18.50	12.75	18.50	8.25
			142	5710	20.50	13.25	20.50	13.25	20.50	13.25	20.50	9.25	20.50	12.75	20.50	8.25
		802.11ac 80 MHz	106	5530	**17.00**	13.25	**17.00**	13.25	**17.00**	13.25	**17.00**	9.25	**17.00**	12.75	**17.00**	8.25
			122	5610	**20.50**	13.25	**20.50**	13.25	**20.50**	13.25	**20.50**	9.25	**20.50**	12.75	**20.50**	8.25
			138	5690	**20.50**	13.25	**20.50**	13.25	**20.50**	13.25	**20.50**	9.25	**20.50**	12.75	**20.50**	8.25
		802.11ac 160 MHz	114	5570	15.50	**13.25**	15.50	**13.25**	15.50	**13.25**	15.50	**9.25**	15.50	**12.75**	15.50	**8.25**

Antenna	Mode	Bandwidth	Channel	Frequency	Maximum Output Power (dBm)											
					Power State 1		Power State 2		Power State 3		Power State 4		Power State 5		Power State 6	
					Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B
ANT6	U-NII-3 5.8 GHz (SISO)	802.11a 20 MHz	149	5745	20.50	14.50	20.50	14.50	20.50	14.50	20.50	10.50	20.50	14.00	20.50	9.50
			153	5765	20.50	14.50	20.50	14.50	20.50	14.50	20.50	10.50	20.50	14.00	20.50	9.50
			157	5785	20.50	14.50	20.50	14.50	20.50	14.50	20.50	10.50	20.50	14.00	20.50	9.50
			161	5805	20.50	14.50	20.50	14.50	20.50	14.50	20.50	10.50	20.50	14.00	20.50	9.50
			165	5825	20.50	14.50	20.50	14.50	20.50	14.50	20.50	10.50	20.50	14.00	20.50	9.50
		802.11n/ac 40 MHz	151	5755	20.50	14.50	20.50	14.50	20.50	14.50	20.50	10.50	20.50	14.00	20.50	9.50
			159	5795	20.50	14.50	20.50	14.50	20.50	14.50	20.50	10.50	20.50	14.00	20.50	9.50
		802.11ac 80 MHz	155	5775	**20.50**	**14.50**	**20.50**	**14.50**	**20.50**	**14.50**	**20.50**	**10.50**	**20.50**	**14.00**	**20.50**	**9.50**

Note(s):

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

Wi-Fi 5 GHz Measured Results

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

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

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

Power Mode	Antenna	Power Mode A						Power Mode B					
		Band	Mode	Ch #	Freq. (MHz)	Meas Pwr (dBm)	Max Output Pwr (dBm)	Band	Mode	Ch #	Freq. (MHz)	Meas Pwr (dBm)	Max Output Pwr (dBm)
Power State 1 & Power State 2 & Power State 3	ANT5	U-NII-2A	802.11n HT40	54	5270	19.50	20.50	U-NII-2A	802.11n HT40	54	5270	19.50	20.50
				62	5310	16.00	17.00			62	5310	16.00	17.00
		U-NII-2C	802.11ac VHT80	106	5530	15.80	17.00	U-NII-2C	802.11ac VHT80	106	5530	15.80	17.00
				122	5610	19.10	20.50			122	5610	18.39	19.50
				138	5690	19.10	20.50			138	5690	18.36	19.50
		U-NII-3	802.11ac VHT80	155	5775	19.40	20.50	U-NII-3	802.11ac VHT80	155	5775	17.40	18.25
	ANT6	U-NII-2A	802.11n HT40	54	5270	19.50	20.50	U-NII-1	802.11ac VHT80	42	5210	14.90	15.50
				62	5310	15.70	17.00						
		U-NII-2C	802.11ac VHT80	106	5530	15.60	17.00	U-NII-2C	802.11ac VHT160	114	5570	11.92	13.25
				122	5610	19.10	20.50						
				138	5690	19.20	20.50						
		U-NII-3	802.11ac VHT80	155	5775	19.00	20.50	U-NII-3	802.11ac VHT80	155	5775	14.00	14.50

Power Mode	Antenna	Power Mode A						Power Mode B					
		Band	Mode	Ch #	Freq. (MHz)	Meas Pwr (dBm)	Max Output Pwr (dBm)	Band	Mode	Ch #	Freq. (MHz)	Meas Pwr (dBm)	Max Output Pwr (dBm)
Power State 4	ANT5	U-NII-2A	802.11ac VHT80	58	5290	15.75	16.75	U-NII-1	802.11n HT40	38	5190	15.20	16.50
										46	5230	17.00	18.00
		U-NII-2C	802.11ac VHT80	106	5530	15.20	16.50	U-NII-2C	802.11ac VHT160	114	5570	14.30	15.50
				122	5610	15.20	16.50						
				138	5690	15.10	16.50						
		U-NII-3	802.11ac VHT80	155	5775	15.50	16.75	U-NII-3	802.11ac VHT80	155	5775	13.20	14.25
	ANT6	U-NII-2A	802.11n HT40	54	5270	19.50	20.50	U-NII-1	802.11ac VHT80	42	5210	10.90	11.50
				62	5310	15.70	17.00						
		U-NII-2C	802.11ac VHT80	106	5530	15.60	17.00	U-NII-2C	802.11ac VHT160	114	5570	8.23	9.25
				122	5610	19.10	20.50						
				138	5690	19.20	20.50						
		U-NII-3	802.11ac VHT80	155	5775	19.00	20.50	U-NII-3	802.11ac VHT80	155	5775	9.50	10.50

Power Mode	Antenna	Power Mode A						Power Mode B					
		Band	Mode	Ch #	Freq. (MHz)	Meas Pwr (dBm)	Max Output Pwr (dBm)	Band	Mode	Ch #	Freq. (MHz)	Meas Pwr (dBm)	Max Output Pwr (dBm)
Power State 5	ANT5	U-NII-2A	802.11n HT40	54	5270	19.50	20.25	U-NII-2A	802.11n HT40	54	5270	19.50	20.50
				62	5310	16.00	17.00			62	5310	16.00	17.00
		U-NII-2C	802.11ac VHT80	106	5530	15.80	17.00	U-NII-2C	802.11ac VHT80	106	5530	15.80	17.00
				122	5610	19.10	20.00			122	5610	18.39	19.00
				138	5690	19.10	20.00			138	5690	18.36	19.00
		U-NII-3	802.11ac VHT80	155	5775	19.40	20.25	U-NII-3	802.11ac VHT80	155	5775	17.40	17.75
	ANT6	U-NII-2A	802.11n HT40	54	5270	19.50	20.50	U-NII-1	802.11ac VHT80	42	5210	14.90	15.00
				62	5310	15.70	17.00						
		U-NII-2C	802.11ac VHT80	106	5530	15.60	17.00	U-NII-2C	802.11ac VHT160	114	5570	11.92	12.75
				122	5610	19.10	20.50						
				138	5690	19.20	20.50						
		U-NII-3	802.11ac VHT80	155	5775	19.00	20.50	U-NII-3	802.11ac VHT80	155	5775	14.00	14.00

Power Mode	Antenna	Power Mode A						Power Mode B					
		Band	Mode	Ch #	Freq. (MHz)	Meas Pwr (dBm)	Max Output Pwr (dBm)	Band	Mode	Ch #	Freq. (MHz)	Meas Pwr (dBm)	Max Output Pwr (dBm)
Power State 4	ANT5	U-NII-2A	802.11ac VHT80	58	5290	15.75	15.75	U-NII-1	802.11n HT40	38	5190	15.20	16.50
										46	5230	17.00	17.00
		U-NII-2C	802.11ac VHT160	114	5570	15.10	15.50	U-NII-2C	802.11ac VHT160	114	5570	14.30	14.50
		U-NII-3	802.11ac VHT80	155	5775	15.50	15.75	U-NII-3	802.11ac VHT80	155	5775	13.20	13.25
	ANT6	U-NII-2A	802.11n HT40	54	5270	19.50	20.50	U-NII-1	802.11ac VHT80	42	5210	9.35	10.50
				62	5310	15.70	17.00						
		U-NII-2C	802.11ac VHT80	106	5530	15.60	17.00	U-NII-2C	802.11ac VHT160	114	5570	8.23	8.25
				122	5610	19.10	20.50						
				138	5690	19.20	20.50						
		U-NII-3	802.11ac VHT80	155	5775	19.00	20.50	U-NII-3	802.11ac VHT80	155	5775	9.50	9.50

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

When multiple channel bandwidth configurations in a frequency band have the same specified maximum output power, the initial test configuration is determined by applying the following steps sequentially.

1) The largest channel bandwidth configuration is selected among the multiple configurations in a frequency band with the same specified maximum output power.
2) If multiple configurations have the same specified maximum output power and largest channel bandwidth, the lowest order modulation among the largest channel bandwidth configurations is selected.
3) If multiple configurations have the same specified maximum output power, largest channel bandwidth and lowest order modulation, the lowest data rate configuration among these configurations is selected.
4) When multiple transmission modes (802.11a/ax/be) have the same specified maximum output power, largest channel bandwidth, lowest order modulation and lowest data rate, the lowest order 802.11 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 6GHz Test channels were determined in one of two ways:

- Wi-Fi 6GHz 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 6GHz 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 6GHz

The table below is the maximum output power for this device. The highlighted values indicate what the overall worst case transmission mode will be required for SAR testing per channel. In the Wi-Fi 6GHz (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												
				a (SISO) Low Rate	a (SISO) Mid Rate	a (SISO) High Rate	11ax/11be HE20 (SISO) Low Rate	11ax/11be HE20 (SISO) Mid Rate	11ax/11be HE20 (SISO) High Rate	11ax/11be HE20 RU242 (SISO)	11ax/11be HE20 RU106 (SISO)	11ax/11be HE20 RU52 (SISO)	11ax/11be HE20 RU26 (SISO)	11be HE20 MRU106_26 (SISO)	11be HE20 MRU52_26 (SISO)
20 MHz	U-NII-5	2	5935	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1	5955	19.50	19.50	19.50	19.50	19.50	19.50	19.50	16.75	13.75	10.75	17.75	15.50
		5	5975	19.50	19.50	19.50	19.50	19.50	19.50	19.50	16.75	13.75	10.75	17.75	15.50
		9-29	5995-6095	19.50	19.50	19.50	19.50	19.50	19.50	19.50	16.75	13.75	10.75	17.75	15.50
		33-61	6115-6255	19.50	19.50	19.50	19.50	19.50	19.50	19.50	16.75	13.75	10.75	17.75	15.50
		65-85	6275-6375	19.50	19.50	19.50	19.50	19.50	19.50	19.50	16.75	13.75	10.75	17.75	15.50
		89	6395	19.50	19.50	19.50	19.50	19.50	19.50	19.50	16.75	13.75	10.75	17.75	15.50
		93	6415	19.50	19.50	19.50	19.50	19.50	19.50	19.50	16.75	13.75	10.75	17.75	15.50
	U-NII-7	117-181	6535-6855	19.00	19.00	19.00	19.00	19.00	19.00	19.00	16.25	13.25	10.25	17.25	15.00
Bandwidth	Band	Channel	Center Frequency (MHz)	11ax/11be HE40 (SISO) Low Rate	11ax/11be HE40 (SISO) Mid Rate	11ax/11be HE40 (SISO) High Rate	11ax/11be HE40 RU484 (SISO)	11ax/11be HE40 RU106 (SISO)	11ax/11be HE40 RU52 (SISO)	11ax/11be HE40 RU26 (SISO)	11be HE40 MRU106_26 (SISO)	11be HE40 MRU52_26 (SISO)				
40 MHz	U-NII-5	3	5965	19.50	19.50	19.50	19.50	13.75	10.75	7.75	14.75	12.50				
		11	6005	19.50	19.50	19.50	19.50	13.75	10.75	7.75	14.75	12.50				
		19-27	6045-6085	19.50	19.50	19.50	19.50	13.75	10.75	7.75	14.75	12.50				
		35-59	6125-6245	19.50	19.50	19.50	19.50	13.75	10.75	7.75	14.75	12.50				
		67-75	6285-6325	19.50	19.50	19.50	19.50	13.75	10.75	7.75	14.75	12.50				
		83	6365	19.50	19.50	19.50	19.50	13.75	10.75	7.75	14.75	12.50				
		91	6405	19.50	19.50	19.50	19.50	13.75	10.75	7.75	14.75	12.50				
	U-NII-7	123-179	6565-6845	19.00	19.00	19.00	19.00	13.25	10.25	7.25	14.25	12.00				
Bandwidth	Band	Channel	Center Frequency (MHz)	11ax/11be HE80 (SISO) Low Rate	11ax/11be HE80 (SISO) Mid Rate	11ax/11be HE80 (SISO) High Rate	11ax/11be HE80 RU996 (SISO)	11ax/11be HE80 RU106 (SISO)	11ax/11be HE80 RU52 (SISO)	11ax/11be HE80 RU26 (SISO)	11be HE80 MRU484_242 (SISO)	11be HE80 MRU106_26 (SISO)	11be HE80 MRU52_26 (SISO)			
80 MHz	U-NII-5	7	5985	19.50	19.50	19.50	19.50	10.75	7.50	4.50	19.50	11.50	9.25			
		23	6065	19.50	19.50	19.50	19.50	10.75	7.50	4.50	19.50	11.50	9.25			
		39-55	6145-6225	19.50	19.50	19.50	19.50	10.75	7.50	4.50	19.50	11.50	9.25			
		71	6305	19.50	19.50	19.50	19.50	10.75	7.50	4.50	19.50	11.50	9.25			
		87	6385	19.50	19.50	19.50	19.50	10.75	7.50	4.50	19.50	11.50	9.25			
	U-NII-7	135-167	6625-6785	19.00	19.00	19.00	19.00	10.25	7.00	4.00	19.00	11.00	8.75			
Bandwidth	Band	Channel	Center Frequency (MHz)	11ax/11be HE160 (SISO) Low Rate	11ax/11be HE160 (SISO) Mid Rate	11ax/11be HE160 (SISO) High Rate	11ax/11be HE160 RU996_2 (SISO)	11ax/11be HE160 RU106 (SISO)	11ax/11be HE160 RU52 (SISO)	11ax/11be HE160 RU26 (SISO)	11be HE160 MRU996_484_242 (SISO)	11be HE160 MRU996_484 (SISO)	11be HE160 MRU484_242 (SISO)	11be HE160 MRU106_26 (SISO)	11be HE160 MRU52_26 (SISO)	
160 MHz	U-NII-5	15	6025	19.50	19.50	19.50	19.50	7.75	4.50	1.50	19.50	19.00	17.00	8.50	6.25	
		47	6185	19.50	19.50	19.50	19.50	7.75	4.50	1.50	19.50	19.00	17.00	8.50	6.25	
		79	6345	19.50	19.50	19.50	19.50	7.75	4.50	1.50	19.50	19.00	17.00	8.50	6.25	
	U-NII-7	143	6665	19.00	19.00	19.00	19.00	7.25	4.00	1.00	19.00	18.50	16.50	8.00	5.75	

Bandwidth	Band	Channel	Frequency (MHz)	Maximum Output Power (dBm)																						
				SP for ANT5 / ANT6																						
				MIMO																						
				11ax/11be HE20 (2Tx, CDD, nonTxBF) Low Rate	11ax/11be HE20 (2Tx, CDD, nonTxBF) Mid Rate	11ax/11be HE20 (2Tx, CDD, nonTxBF) High Rate	11ax/11be HE20 RU242 (2Tx, CDD, nonTxBF)	11ax/11be HE20 RU106 (2Tx, CDD, nonTxBF)	11ax/11be HE20 RU52 (2Tx, CDD, nonTxBF)	11ax/11be HE20 RU26 (2Tx, CDD, nonTxBF)	11be HE20 MRU106_26 (2Tx, CDD, nonTxBF)	11be HE20 MRU52_26 (2Tx, CDD, nonTxBF)	11ax/11be HE20 (2Tx, SDM, nonTxBF) Low Rate	11ax/11be HE20 (2Tx, SDM, nonTxBF) Mid Rate	11ax/11be HE20 (2Tx, SDM, nonTxBF) High Rate	11ax/11be HE20 RU242 (2Tx, SDM, nonTxBF)	11ax/11be HE20 RU106 (2Tx, SDM, nonTxBF)	11ax/11be HE20 RU52 (2Tx, SDM, nonTxBF)	11ax/11be HE20 RU26 (2Tx, SDM, nonTxBF)	11be HE20 MRU106_26 (2Tx, SDM, nonTxBF)	11be HE20 MRU52_26 (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						
		1	5955	19.50	19.50	19.50	19.50	16.75	13.75	10.75	17.75	15.50	19.50	19.50	19.50	19.50	16.75	13.75	10.75	17.75	15.50					
		5	5975	19.50	19.50	19.50	19.50	16.75	13.75	10.75	17.75	15.50	19.50	19.50	19.50	19.50	16.75	13.75	10.75	17.75	15.50					
		9-29	5995-6095	19.50	19.50	19.50	19.50	16.75	13.75	10.75	17.75	15.50	19.50	19.50	19.50	19.50	16.75	13.75	10.75	17.75	15.50					
		33-61	6115-6255	19.50	19.50	19.50	19.50	16.75	13.75	10.75	17.75	15.50	19.50	19.50	19.50	19.50	16.75	13.75	10.75	17.75	15.50					
		65-85	6275-6375	19.50	19.50	19.50	19.50	16.75	13.75	10.75	17.75	15.50	19.50	19.50	19.50	19.50	16.75	13.75	10.75	17.75	15.50					
		89	6395	19.50	19.50	19.50	19.50	16.75	13.75	10.75	17.75	15.50	19.50	19.50	19.50	19.50	16.75	13.75	10.75	17.75	15.50					
		93	6415	19.50	19.50	19.50	19.50	16.75	13.75	10.75	17.75	15.50	19.50	19.50	19.50	19.50	16.75	13.75	10.75	17.75	15.50					
	U-NII-7	117-181	6535-6855	19.00	19.00	19.00	19.00	16.25	13.25	10.25	17.25	15.00	19.00	19.00	19.00	19.00	16.25	13.25	10.25	17.25	15.00					
Bandwidth	Band	Channel	Center Frequency (MHz)	11ax/11be HE40 (2Tx, CDD, nonTxBF) Low Rate	11ax/11be HE40 (2Tx, CDD, nonTxBF) Mid Rate	11ax/11be HE40 (2Tx, CDD, nonTxBF) High Rate	11ax/11be HE40 RU484 (2Tx, CDD, nonTxBF)	11ax/11be HE40 RU106 (2Tx, CDD, nonTxBF)	11ax/11be HE40 RU52 (2Tx, CDD, nonTxBF)	11ax/11be HE40 RU26 (2Tx, CDD, nonTxBF)	11be HE40 MRU106_26 (2Tx, CDD, nonTxBF)	11be HE40 MRU52_26 (2Tx, CDD, nonTxBF)	11ax/11be HE40 (2Tx, SDM, nonTxBF) Low Rate	11ax/11be HE40 (2Tx, SDM, nonTxBF) Mid Rate	11ax/11be HE40 (2Tx, SDM, nonTxBF) High Rate	11ax/11be HE40 RU484 (2Tx, SDM, nonTxBF)	11ax/11be HE40 RU106 (2Tx, SDM, nonTxBF)	11ax/11be HE40 RU52 (2Tx, SDM, nonTxBF)	11ax/11be HE40 RU26 (2Tx, SDM, nonTxBF)	11be HE40 MRU106_26 (2Tx, SDM, nonTxBF)	11be HE40 MRU52_26 (2Tx, SDM, nonTxBF)				
40 MHz	U-NII-5	3	5965	19.50	19.50	19.50	19.50	13.75	10.75	7.75	14.75	12.50	19.50	19.50	19.50	19.50	13.75	10.75	7.75	14.75	12.50					
		11	6005	19.50	19.50	19.50	19.50	13.75	10.75	7.75	14.75	12.50	19.50	19.50	19.50	19.50	13.75	10.75	7.75	14.75	12.50					
		19-27	6045-6085	19.50	19.50	19.50	19.50	13.75	10.75	7.75	14.75	12.50	19.50	19.50	19.50	19.50	13.75	10.75	7.75	14.75	12.50					
		35-59	6125-6245	19.50	19.50	19.50	19.50	13.75	10.75	7.75	14.75	12.50	19.50	19.50	19.50	19.50	13.75	10.75	7.75	14.75	12.50					
		67-75	6285-6325	19.50	19.50	19.50	19.50	13.75	10.75	7.75	14.75	12.50	19.50	19.50	19.50	19.50	13.75	10.75	7.75	14.75	12.50					
		83	6365	19.50	19.50	19.50	19.50	13.75	10.75	7.75	14.75	12.50	19.50	19.50	19.50	19.50	13.75	10.75	7.75	14.75	12.50					
		91	6405	19.50	19.50	19.50	19.50	13.75	10.75	7.75	14.75	12.50	19.50	19.50	19.50	19.50	13.75	10.75	7.75	14.75	12.50					
	U-NII-7	123-179	6565-6845	19.00	19.00	19.00	19.00	13.25	10.25	7.25	14.25	12.00	19.00	19.00	19.00	19.00	13.25	10.25	7.25	14.25	12.00					
Bandwidth	Band	Channel	Center Frequency (MHz)	11ax/11be HE80 (2Tx, CDD, nonTxBF) Low Rate	11ax/11be HE80 (2Tx, CDD, nonTxBF) Mid Rate	11ax/11be HE80 (2Tx, CDD, nonTxBF) High Rate	11ax/11be HE80 RU996 (2Tx, CDD, nonTxBF)	11ax/11be HE80 RU106 (2Tx, CDD, nonTxBF)	11ax/11be HE80 RU52 (2Tx, CDD, nonTxBF)	11ax/11be HE80 RU26 (2Tx, CDD, nonTxBF)	11be HE80 MRU484_242 (2Tx, CDD, nonTxBF)	11be HE80 MRU106_26 (2Tx, CDD, nonTxBF)	11be HE80 MRU52_26 (2Tx, CDD, nonTxBF)	11ax/11be HE80 (2Tx, SDM, nonTxBF) Low Rate	11ax/11be HE80 (2Tx, SDM, nonTxBF) Mid Rate	11ax/11be HE80 (2Tx, SDM, nonTxBF) High Rate	11ax/11be HE80 RU996 (2Tx, SDM, nonTxBF)	11ax/11be HE80 RU106 (2Tx, SDM, nonTxBF)	11ax/11be HE80 RU52 (2Tx, SDM, nonTxBF)	11ax/11be HE80 RU26 (2Tx, SDM, nonTxBF)	11be HE80 MRU484_242 (2Tx, SDM, nonTxBF)	11be HE80 MRU106_26 (2Tx, SDM, nonTxBF)	11be HE80 MRU52_26 (2Tx, SDM, nonTxBF)			
80 MHz	U-NII-5	7	5985	19.50	19.50	19.50	19.50	10.75	7.50	4.50	19.50	11.50	9.25	19.50	19.50	19.50	19.50	10.75	7.50	4.50	19.50	11.50	9.25			
		23	6065	19.50	19.50	19.50	19.50	10.75	7.50	4.50	19.50	11.50	9.25	19.50	19.50	19.50	19.50	10.75	7.50	4.50	19.50	11.50	9.25			
		39-55	6145-6225	19.50	19.50	19.50	19.50	10.75	7.50	4.50	19.50	11.50	9.25	19.50	19.50	19.50	19.50	10.75	7.50	4.50	19.50	11.50	9.25			
		71	6305	19.50	19.50	19.50	19.50	10.75	7.50	4.50	19.50	11.50	9.25	19.50	19.50	19.50	19.50	10.75	7.50	4.50	19.50	11.50	9.25			
		87	6385	19.50	19.50	19.50	19.50	10.75	7.50	4.50	19.50	11.50	9.25	19.50	19.50	19.50	19.50	10.75	7.50	4.50	19.50	11.50	9.25			
	U-NII-7	135-167	6625-6785	19.00	19.00	19.00	19.00	10.25	7.00	4.00	19.00	11.00	8.75	19.00	19.00	19.00	19.00	10.25	7.00	4.00	19.00	11.00	8.75			
Bandwidth	Band	Channel	Center Frequency (MHz)	11ax/11be HE160 (2Tx, CDD, nonTxBF) Low Rate	11ax/11be HE160 (2Tx, CDD, nonTxBF) Mid Rate	11ax/11be HE160 (2Tx, CDD, nonTxBF) High Rate	11ax/11be HE160 RU996_2 (2Tx, CDD, nonTxBF)	11ax/11be HE160 RU106 (2Tx, CDD, nonTxBF)	11ax/11be HE160 RU52 (2Tx, CDD, nonTxBF)	11ax/11be HE160 RU26 (2Tx, CDD, nonTxBF)	11be HE160 MRU996_484_242 (2Tx, CDD, nonTxBF)	11be HE160 MRU996_484 (2Tx, CDD, nonTxBF)	11be HE160 MRU484_242 (2Tx, CDD, nonTxBF)	11be HE160 MRU106_26 (2Tx, CDD, nonTxBF)	11be HE160 MRU52_26 (2Tx, CDD, nonTxBF)	11ax/11be HE160 (2Tx, SDM, nonTxBF) Low Rate	11ax/11be HE160 (2Tx, SDM, nonTxBF) Mid Rate	11ax/11be HE160 (2Tx, SDM, nonTxBF) High Rate	11ax/11be HE160 RU996_2 (2Tx, SDM, nonTxBF)	11ax/11be HE160 RU106 (2Tx, SDM, nonTxBF)	11ax/11be HE160 RU52 (2Tx, SDM, nonTxBF)	11ax/11be HE160 RU26 (2Tx, SDM, nonTxBF)	11be HE160 MRU996_484_242 (2Tx, SDM, nonTxBF)	11be HE160 MRU996_484 (2Tx, SDM, nonTxBF)	11be HE160 MRU484_242 (2Tx, SDM, nonTxBF)	11be HE160 MRU106_26 (2Tx, SDM, nonTxBF)	11be HE160 MRU52_26 (2Tx, SDM, nonTxBF)
160 MHz	U-NII-5	15	6025	19.50	19.50	19.50	19.50	7.75	4.50	1.50	19.50	19.00	17.00	8.50	6.25	19.50	19.50	19.50	19.50	7.75	4.50	1.50	19.50	19.00	17.00	8.50	6.25
		47	6185	19.50	19.50	19.50	19.50	7.75	4.50	1.50	19.50	19.00	17.00	8.50	6.25	19.50	19.50	19.50	19.50	7.75	4.50	1.50	19.50	19.00	17.00	8.50	6.25
		79	6345	19.50	19.50	19.50	19.50	7.75	4.50	1.50	19.50	19.00	17.00	8.50	6.25	19.50	19.50	19.50	19.50	7.75	4.50	1.50	19.50	19.00	17.00	8.50	6.25
	U-NII-7	143	6665	19.00	19.00	19.00	19.00	7.25	4.00	1.00	19.00	18.50	16.50	8.00	5.75	19.00	19.00	19.00	19.00	7.25	4.00	1.00	19.00	18.50	16.50	8.00	5.75

Low Power (Indoor)

Bandwidth	Band	Channel	Frequency (MHz)	Maximum Output Power (dBm) LPI for ANT5 / ANT6 SISO: a (SISO) Low Rate	a (SISO) Mid Rate	a (SISO) High Rate	11ax/11be HE20 (SISO) Low Rate	11ax/11be HE20 (SISO) Mid Rate	11ax/11be HE20 (SISO) High Rate	11ax/11be HE20 RU242 (SISO)	11ax/11be HE20 RU106 (SISO)	11ax/11be HE20 RU52 (SISO)	11ax/11be HE20 RU26 (SISO)	11be HE20 MRU106_26 (SISO)	11be HE20 MRU52_26 (SISO)
20 MHz	U-NII-5	2	5935	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1	5955	9.75	9.75	9.75	9.75	9.75	9.75	9.75	6.75	3.50	0.75	7.50	5.50
		5	5975	9.75	9.75	9.75	9.75	9.75	9.75	9.75	6.75	3.50	0.75	7.50	5.50
		9-29	5995-6095	9.75	9.75	9.75	9.75	9.75	9.75	9.75	6.75	3.50	0.75	7.50	5.50
		33-61	6115-6255	8.50	8.50	8.50	8.50	8.50	8.50	8.50	5.50	2.25	-0.50	6.25	4.25
		65-85	6275-6375	8.50	8.50	8.50	8.50	8.50	8.50	8.50	5.50	2.25	-0.50	6.25	4.25
		89	6395	8.50	8.50	8.50	8.50	8.50	8.50	8.50	5.50	2.25	-0.50	6.25	4.25
		93	6415	8.50	8.50	8.50	8.50	8.50	8.50	8.50	5.50	2.25	-0.50	6.25	4.25
	U-NII-6	97-113	6435-6515	9.25	9.25	9.25	9.25	9.25	9.25	9.25	6.25	3.00	0.25	7.00	5.00
	U-NII-7	117-181	6535-6855	8.25	8.25	8.25	8.25	8.25	8.25	8.25	5.25	2.00	-0.75	6.00	4.00
	U-NII-8	185	6875	8.25	8.25	8.25	8.25	8.25	8.25	8.25	5.25	2.00	-0.75	6.00	4.00
		189-225	6895-7075	10.00	10.00	10.00	10.00	10.00	10.00	10.00	7.00	3.75	1.00	7.75	5.75
		229	7095	10.00	10.00	10.00	10.00	10.00	10.00	10.00	7.00	3.75	1.00	7.75	5.75
		233	7115	-4.50	-4.50	-4.50	-4.50	-4.50	-4.50	Disabled	Disabled	Disabled	Disabled	Disabled	Disabled

Bandwidth	Band	Channel	Center Frequency (MHz)	11ax/11be HE40 (SISO) Low Rate	11ax/11be HE40 (SISO) Mid Rate	11ax/11be HE40 (SISO) High Rate	11ax/11be HE40 RU484 (SISO)	11ax/11be HE40 RU106 (SISO)	11ax/11be HE40 RU52 (SISO)	11ax/11be HE40 RU26 (SISO)	11be HE40 MRU106_26 (SISO)	11be HE40 MRU52_26 (SISO)
40 MHz	U-NII-5	3	5965	12.75	12.75	12.75	12.75	6.75	3.50	0.75	7.50	5.50
		11	6005	12.75	12.75	12.75	12.75	6.75	3.50	0.75	7.50	5.50
		19-27	6045-6085	12.75	12.75	12.75	12.75	6.75	3.50	0.75	7.50	5.50
		35-59	6125-6245	11.50	11.50	11.50	11.50	5.50	2.25	-0.50	6.25	4.25
		67-75	6285-6325	11.50	11.50	11.50	11.50	5.50	2.25	-0.50	6.25	4.25
		83	6365	11.50	11.50	11.50	11.50	5.50	2.25	-0.50	6.25	4.25
		91	6405	11.50	11.50	11.50	11.50	5.50	2.25	-0.50	6.25	4.25
	U-NII-6	99-107	6445-6485	12.25	12.25	12.25	12.25	6.25	3.00	0.25	7.00	5.00
		115	6525	11.25	11.25	11.25	11.25	5.25	2.00	-0.75	6.00	4.00
	U-NII-7	123-179	6565-6845	11.25	11.25	11.25	11.25	5.25	2.00	-0.75	6.00	4.00
	U-NII-8	187	6885	11.25	11.25	11.25	11.25	5.25	2.00	-0.75	6.00	4.00
		195-219	6925-7045	13.00	13.00	13.00	13.00	7.00	3.75	1.00	7.75	5.75
		227	7085	13.00	13.00	13.00	13.00	7.00	3.75	1.00	7.75	5.75

Bandwidth	Band	Channel	Center Frequency (MHz)	11ax/11be HE80 (SISO) Low Rate	11ax/11be HE80 (SISO) Mid Rate	11ax/11be HE80 (SISO) High Rate	11ax/11be HE80 RU996 (SISO)	11ax/11be HE80 RU106 (SISO)	11ax/11be HE80 RU52 (SISO)	11ax/11be HE80 RU26 (SISO)	11be HE80 MRU484_242 (SISO)	11be HE80 MRU106_26 (SISO)	11be HE80 MRU52_26 (SISO)
80 MHz	U-NII-5	7	5985	15.75	15.75	15.75	15.75	6.75	3.50	0.75	14.50	7.50	5.50
		23	6065	15.75	15.75	15.75	15.75	6.75	3.50	0.75	14.50	7.50	5.50
		39-55	6145-6225	14.50	14.50	14.50	14.50	5.50	2.25	-0.50	13.25	6.25	4.25
		71	6305	14.50	14.50	14.50	14.50	5.50	2.25	-0.50	13.25	6.25	4.25
		87	6385	14.50	14.50	14.50	14.50	5.50	2.25	-0.50	13.25	6.25	4.25
	U-NII-6	103	6465	15.25	15.25	15.25	15.25	6.25	3.00	0.25	14.00	7.00	5.00
		119	6545	14.25	14.25	14.25	14.25	5.25	2.00	-0.75	13.00	6.00	4.00
	U-NII-7	135-167	6625-6785	14.25	14.25	14.25	14.25	5.25	2.00	-0.75	13.00	6.00	4.00
	U-NII-8	183	6865	14.25	14.25	14.25	14.25	5.25	2.00	-0.75	13.00	6.00	4.00
		199	6945	16.00	16.00	16.00	16.00	7.00	3.75	1.00	14.75	7.75	5.75
		215	7025	16.00	16.00	16.00	16.00	7.00	3.75	1.00	14.75	7.75	5.75

Bandwidth	Band	Channel	Center Frequency (MHz)	11ax/11be HE160 (SISO) Low Rate	11ax/11be HE160 (SISO) Mid Rate	11ax/11be HE160 (SISO) High Rate	11ax/11be HE160 RU996_2 (SISO)	11ax/11be HE160 RU106 (SISO)	11ax/11be HE160 RU52 (SISO)	11ax/11be HE160 RU26 (SISO)	11be HE160 MRU996_484_242 (SISO)	11be HE160 MRU484_242 (SISO)	11be HE160 MRU106_26 (SISO)	11be HE160 MRU52_26 (SISO)
160 MHz	U-NII-5	15	6025	18.00	18.00	18.00	18.00	6.75	3.50	0.75	17.50	17.00	14.50	7.50	5.50
		47	6185	16.75	16.75	16.75	16.75	5.50	2.25	-0.50	16.25	15.75	13.25	6.25	4.25
		79	6345	16.75	16.75	16.75	16.75	5.50	2.25	-0.50	16.25	15.75	13.25	6.25	4.25
	U-NII-6	111	6505	16.50	16.50	16.50	16.50	5.25	2.00	-0.75	16.00	15.50	13.00	6.00	4.00
	U-NII-7	143	6665	16.50	16.50	16.50	16.50	5.25	2.00	-0.75	16.00	15.50	13.00	6.00	4.00
	U-NII-8	175	6825	16.50	16.50	16.50	16.50	5.25	2.00	-0.75	16.00	15.50	13.00	6.00	4.00
		207	6985	18.25	18.25	18.25	18.25	7.00	3.75	1.00	17.75	17.25	14.75	7.75	5.75

Bandwidth	Band	Channel	Frequency (MHz)	Maximum Output Power (dBm) LPI for ANT5 / ANT6 MIMO: 11ax/11be HE20 (2Tx, CDD, nonTxBF) Low Rate	11ax/11be HE20 (2Tx, CDD, nonTxBF) Mid Rate	11ax/11be HE20 (2Tx, CDD, nonTxBF) High Rate	11ax/11be HE20 RU242 (2Tx, CDD, nonTxBF)	11ax/11be HE20 RU106 (2Tx, CDD, nonTxBF)	11ax/11be HE20 RU52 (2Tx, CDD, nonTxBF)	11ax/11be HE20 RU26 (2Tx, CDD, nonTxBF)	11be HE20 MRU106_26 (2Tx, CDD, nonTxBF)	11be HE20 MRU52_26 (2Tx, CDD, nonTxBF)	11ax/11be HE20 (2Tx, SDM, nonTxBF) Low Rate	11ax/11be HE20 (2Tx, SDM, nonTxBF) Mid Rate	11ax/11be HE20 (2Tx, SDM, nonTxBF) High Rate	11ax/11be HE20 RU242 (2Tx, SDM, nonTxBF)	11ax/11be HE20 RU106 (2Tx, SDM, nonTxBF)	11ax/11be HE20 RU52 (2Tx, SDM, nonTxBF)	11ax/11be HE20 RU26 (2Tx, SDM, nonTxBF)	11be HE20 MRU106_26 (2Tx, SDM, nonTxBF)	11be HE20 MRU52_26 (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
		1	5955	4.75	4.75	4.75	4.75	1.75	-1.50	-4.25	2.50	0.50	7.75	7.75	7.75	7.75	4.75	1.50	-1.25	5.50	3.50
		5	5975	4.75	4.75	4.75	4.75	1.75	-1.50	-4.25	2.50	0.50	7.75	7.75	7.75	7.75	4.75	1.50	-1.25	5.50	3.50
		9-29	5995-6095	4.75	4.75	4.75	4.75	1.75	-1.50	-4.25	2.50	0.50	7.75	7.75	7.75	7.75	4.75	1.50	-1.25	5.50	3.50
		33-61	6115-6255	3.75	3.75	3.75	3.75	0.75	-2.50	-5.25	1.50	-0.50	6.75	6.75	6.75	6.75	3.75	0.50	-2.25	4.50	2.50
		65-85	6275-6375	4.00	4.00	4.00	4.00	1.00	-2.25	-5.00	1.75	-0.25	7.00	7.00	7.00	7.00	4.00	0.75	-2.00	4.75	2.75
		89	6395	4.00	4.00	4.00	4.00	1.00	-2.25	-5.00	1.75	-0.25	7.00	7.00	7.00	7.00	4.00	0.75	-2.00	4.75	2.75
		93	6415	4.00	4.00	4.00	4.00	1.00	-2.25	-5.00	1.75	-0.25	7.00	7.00	7.00	7.00	4.00	0.75	-2.00	4.75	2.75
	U-NII-6	97-113	6435-6515	4.50	4.50	4.50	4.50	1.50	-1.75	-4.50	2.25	0.25	7.50	7.50	7.50	7.50	4.50	1.25	-1.50	5.25	3.25
	U-NII-7	117-181	6535-6855	4.25	4.25	4.25	4.25	1.25	-2.00	-4.75	2.00	0.00	7.00	7.00	7.00	7.00	4.00	0.75	-2.00	4.75	2.75
	U-NII-8	185	6875	4.25	4.25	4.25	4.25	1.25	-2.00	-4.75	2.00	0.00	7.00	7.00	7.00	7.00	4.00	0.75	-2.00	4.75	2.75
		189-225	6895-7075	4.75	4.75	4.75	4.75	1.75	-1.50	-4.25	2.50	0.50	7.75	7.75	7.75	7.75	4.75	1.50	-1.25	5.50	3.50
		229	7095	4.75	4.75	4.75	4.75	1.75	-1.50	-4.25	2.50	0.50	7.75	7.75	7.75	7.75	4.75	1.50	-1.25	5.50	3.50
		233	7115	-5.00	-5.00	-5.00	Disabled	Disabled	Disabled	Disabled	Disabled	Disabled	-5.00	-5.00	-5.00	Disabled	Disabled	Disabled	Disabled	Disabled	Disabled

Bandwidth	Band	Channel	Center Frequency (MHz)	11ax/11be HE40 (2Tx, CDD, nonTxBF) Low Rate	11ax/11be HE40 (2Tx, CDD, nonTxBF) Mid Rate	11ax/11be HE40 (2Tx, CDD, nonTxBF) High Rate	11ax/11be HE40 RU484 (2Tx, CDD, nonTxBF)	11ax/11be HE40 RU106 (2Tx, CDD, nonTxBF)	11ax/11be HE40 RU52 (2Tx, CDD, nonTxBF)	11ax/11be HE40 RU26 (2Tx, CDD, nonTxBF)	11be HE40 MRU106_26 (2Tx, CDD, nonTxBF)	11be HE40 MRU52_26 (2Tx, CDD, nonTxBF)	11ax/11be HE40 (2Tx, SDM, nonTxBF) Low Rate	11ax/11be HE40 (2Tx, SDM, nonTxBF) Mid Rate	11ax/11be HE40 (2Tx, SDM, nonTxBF) High Rate	11ax/11be HE40 RU484 (2Tx, SDM, nonTxBF)	11ax/11be HE40 RU106 (2Tx, SDM, nonTxBF)	11ax/11be HE40 RU52 (2Tx, SDM, nonTxBF)	11ax/11be HE40 RU26 (2Tx, SDM, nonTxBF)	11be HE40 MRU106_26 (2Tx, SDM, nonTxBF)	11be HE40 MRU52_26 (2Tx, SDM, nonTxBF)
40 MHz	U-NII-5	3	5965	7.75	7.75	7.75	7.75	1.75	-1.50	-4.25	2.50	0.50	10.75	10.75	10.75	10.75	4.75	1.50	-1.25	5.50	3.50
		11	6005	7.75	7.75	7.75	7.75	1.75	-1.50	-4.25	2.50	0.50	10.75	10.75	10.75	10.75	4.75	1.50	-1.25	5.50	3.50
		19-27	6045-6085	7.75	7.75	7.75	7.75	1.75	-1.50	-4.25	2.50	0.50	10.75	10.75	10.75	10.75	4.75	1.50	-1.25	5.50	3.50
		35-59	6125-6245	6.75	6.75	6.75	6.75	0.75	-2.50	-5.25	1.50	-0.50	9.75	9.75	9.75	9.75	3.75	0.50	-2.25	4.50	2.50
		67-75	6285-6325	7.00	7.00	7.00	7.00	1.00	-2.25	-5.00	1.75	-0.25	10.00	10.00	10.00	10.00	4.00	0.75	-2.00	4.75	2.75
		83	6365	7.00	7.00	7.00	7.00	1.00	-2.25	-5.00	1.75	-0.25	10.00	10.00	10.00	10.00	4.00	0.75	-2.00	4.75	2.75
		91	6405	7.00	7.00	7.00	7.00	1.00	-2.25	-5.00	1.75	-0.25	10.00	10.00	10.00	10.00	4.00	0.75	-2.00	4.75	2.75
	U-NII-6	99-107	6445-6485	7.50	7.50	7.50	7.50	1.50	-1.75	-4.50	2.25	0.25	10.50	10.50	10.50	10.50	4.50	1.25	-1.50	5.25	3.25
		115	6525	7.25	7.25	7.25	7.25	1.25	-2.00	-4.75	2.00	0.00	10.00	10.00	10.00	10.00	4.00	0.75	-2.00	4.75	2.75
	U-NII-7	123-179	6565-6845	7.25	7.25	7.25	7.25	1.25	-2.00	-4.75	2.00	0.00	10.00	10.00	10.00	10.00	4.00	0.75	-2.00	4.75	2.75
	U-NII-8	187	6885	7.25	7.25	7.25	7.25	1.25	-2.00	-4.75	2.00	0.00	10.00	10.00	10.00	10.00	4.00	0.75	-2.00	4.75	2.75
		195-219	6925-7045	7.75	7.75	7.75	7.75	1.75	-1.50	-4.25	2.50	0.50	10.75	10.75	10.75	10.75	4.75	1.50	-1.25	5.50	3.50
		227	7085	7.75	7.75	7.75	7.75	1.75	-1.50	-4.25	2.50	0.50	10.75	10.75	10.75	10.75	4.75	1.50	-1.25	5.50	3.50

Bandwidth	Band	Channel	Center Frequency (MHz)	11ax/11be HE80 (2Tx, CDD, nonTxBF) Low Rate	11ax/11be HE80 (2Tx, CDD, nonTxBF) Mid Rate	11ax/11be HE80 (2Tx, CDD, nonTxBF) High Rate	11ax/11be HE80 RU996 (2Tx, CDD, nonTxBF)	11ax/11be HE80 RU106 (2Tx, CDD, nonTxBF)	11ax/11be HE80 RU52 (2Tx, CDD, nonTxBF)	11ax/11be HE80 RU26 (2Tx, CDD, nonTxBF)	11be HE80 MRU484_242 (2Tx, CDD, nonTxBF)	11be HE80 MRU106_26 (2Tx, CDD, nonTxBF)	11be HE80 MRU52_26 (2Tx, CDD, nonTxBF)	11ax/11be HE80 (2Tx, SDM, nonTxBF) Low Rate	11ax/11be HE80 (2Tx, SDM, nonTxBF) Mid Rate	11ax/11be HE80 (2Tx, SDM, nonTxBF) High Rate	11ax/11be HE80 RU996 (2Tx, SDM, nonTxBF)	11ax/11be HE80 RU106 (2Tx, SDM, nonTxBF)	11ax/11be HE80 RU52 (2Tx, SDM, nonTxBF)	11ax/11be HE80 RU26 (2Tx, SDM, nonTxBF)	11be HE80 MRU484_242 (2Tx, SDM, nonTxBF)	11be HE80 MRU106_26 (2Tx, SDM, nonTxBF)	11be HE80 MRU52_26 (2Tx, SDM, nonTxBF)
80 MHz	U-NII-5	7	5985	10.75	10.75	10.75	10.75	1.75	-1.50	-4.25	9.50	2.50	0.50	13.75	13.75	13.75	13.75	4.75	1.50	-1.25	12.50	5.50	3.50
		23	6065	10.75	10.75	10.75	10.75	1.75	-1.50	-4.25	9.50	2.50	0.50	13.75	13.75	13.75	13.75	4.75	1.50	-1.25	12.50	5.50	3.50
		39-55	6145-6225	9.75	9.75	9.75	9.75	0.75	-2.50	-5.25	8.50	1.50	-0.50	12.75	12.75	12.75	12.75	3.75	0.50	-2.25	11.50	4.50	2.50
		71	6305	10.00	10.00	10.00	10.00	1.00	-2.25	-5.00	8.75	1.75	-0.25	13.00	13.00	13.00	13.00	4.00	0.75	-2.00	11.75	4.75	2.75
		87	6385	10.00	10.00	10.00	10.00	1.00	-2.25	-5.00	8.75	1.75	-0.25	13.00	13.00	13.00	13.00	4.00	0.75	-2.00	11.75	4.75	2.75
	U-NII-6	103	6465	10.50	10.50	10.50	10.50	1.50	-1.75	-4.50	9.25	2.25	0.25	13.50	13.50	13.50	13.50	4.50	1.25	-1.50	12.25	5.25	3.25
		119	6545	10.25	10.25	10.25	10.25	1.25	-2.00	-4.75	9.00	2.00	0.00	13.00	13.00	13.00	13.00	4.00	0.75	-2.00	11.75	4.75	2.75
	U-NII-7	135-167	6625-6785	10.25	10.25	10.25	10.25	1.25	-2.00	-4.75	9.00	2.00	0.00	13.00	13.00	13.00	13.00	4.00	0.75	-2.00	11.75	4.75	2.75
	U-NII-8	183	6865	10.25	10.25	10.25	10.25	1.25	-2.00	-4.75	9.00	2.00	0.00	13.00	13.00	13.00	13.00	4.00	0.75	-2.00	11.75	4.75	2.75
		199	6945	10.75	10.75	10.75	10.75	1.75	-1.50	-4.25	9.50	2.50	0.50	13.75	13.75	13.75	13.75	4.75	1.50	-1.25	12.50	5.50	3.50
		215	7025	10.75	10.75	10.75	10.75	1.75	-1.50	-4.25	9.50	2.50	0.50	13.75	13.75	13.75	13.75	4.75	1.50	-1.25	12.50	5.50	3.50

Bandwidth	Band	Channel	Center Frequency (MHz)	11ax/11be HE160 (2Tx, CDD, nonTxBF) Low Rate	11ax/11be HE160 (2Tx, CDD, nonTxBF) Mid Rate	11ax/11be HE160 (2Tx, CDD, nonTxBF) High Rate	11ax/11be HE160 RU996_2 (2Tx, CDD, nonTxBF)	11ax/11be HE160 RU106 (2Tx, CDD, nonTxBF)	11ax/11be HE160 RU52 (2Tx, CDD, nonTxBF)	11ax/11be HE160 RU26 (2Tx, CDD, nonTxBF)	11be HE160 MRU996_484_242 (2Tx, CDD, nonTxBF)	11be HE160 MRU484_242 (2Tx, CDD, nonTxBF)	11be HE160 MRU106_26 (2Tx, CDD, nonTxBF)	11be HE160 MRU52_26 (2Tx, CDD, nonTxBF)	11ax/11be HE160 (2Tx, SDM, nonTxBF) Low Rate	11ax/11be HE160 (2Tx, SDM, nonTxBF) Mid Rate	11ax/11be HE160 (2Tx, SDM, nonTxBF) High Rate	11ax/11be HE160 RU996_2 (2Tx, SDM, nonTxBF)	11ax/11be HE160 RU106 (2Tx, SDM, nonTxBF)	11ax/11be HE160 RU52 (2Tx, SDM, nonTxBF)	11ax/11be HE160 RU26 (2Tx, SDM, nonTxBF)	11be HE160 MRU996_484_242 (2Tx, SDM, nonTxBF)	11be HE160 MRU484_242 (2Tx, SDM, nonTxBF)	11be HE160 MRU106_26 (2Tx, SDM, nonTxBF)	11be HE160 MRU52_26 (2Tx, SDM, nonTxBF)
160 MHz	U-NII-5	15	6025	13.00	13.00	13.00	13.00	1.75	-1.50	-4.25	12.50	12.00	9.50	2.50	0.50	16.00	16.00	16.00	16.00	4.75	1.50	-1.25	15.50	15.00	12.50	5.50	3.50
		47	6185	12.00	12.00	12.00	12.00	0.75	-2.50	-5.25	11.50	11.00	8.50	1.50	-0.50	15.00	15.00	15.00	15.00	3.75	0.50	-2.25	14.50	14.00	11.50	4.50	2.50
		79	6345	12.25	12.25	12.25	12.25	1.00	-2.25	-5.00	11.75	11.25	8.75	1.75	-0.25	15.25	15.25	15.25	15.25	4.00	0.75	-2.00	14.75	14.25	11.75	4.75	2.75
	U-NII-6	111	6505	12.50	12.50	12.50	12.50	1.25	-2.00	-4.75	12.00	11.50	9.00	2.00	0.00	15.25	15.25	15.25	15.25	4.00	0.75	-2.00	14.75	14.25	11.75	4.75	2.75
	U-NII-7	143	6665	12.50	12.50	12.50	12.50	1.25	-2.00	-4.75	12.00	11.50	9.00	2.00	0.00	15.25	15.25	15.25	15.25	4.00	0.75	-2.00	14.75	14.25	11.75	4.75	2.75
	U-NII-8	175	6825	12.50	12.50	12.50	12.50	1.25	-2.00	-4.75	12.00	11.50	9.00	2.00	0.00	15.25	15.25	15.25	15.25	4.00	0.75	-2.00	14.75	14.25	11.75	4.75	2.75
		207	6985	13.00	13.00	13.00	13.00	1.75	-1.50	-4.25	12.50	12.00	9.50	2.50	0.50	16.00	16.00	16.00	16.00	4.75	1.50	-1.25	15.50	15.00	12.50	5.50	3.50

Very Low Power (Indoor/Outdoor)

Bandwidth	Band	Channel	Frequency (MHz)	Maximum Output Power (dBm)											
				VLP for ANT5 / ANT6											
				SISO											
				a (SISO) Low Rate	a (SISO) Mid Rate	a (SISO) High Rate	11ax/11be HE20 (SISO) Low Rate	11ax/11be HE20 (SISO) Mid Rate	11ax/11be HE20 (SISO) High Rate	11ax/11be HE20 RU242 (SISO)	11ax/11be HE20 RU106 (SISO)	11ax/11be HE20 RU52 (SISO)	11ax/11be HE20 RU26 (SISO)	11be HE20 MRU106_26 (SISO)	11be HE20 MRU52_26 (SISO)
20 MHz	U-NII-5	2	5935	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1	5955	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		5	5975	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		9-29	5995-6095	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		33-61	6115-6255	4.50	4.50	4.50	4.50	4.50	4.50	4.50	1.50	-1.75	Disabled	2.25	0.25
		65-85	6275-6375	4.50	4.50	4.50	4.50	4.50	4.50	4.50	1.50	-1.75	Disabled	2.25	0.25
		89	6395	4.50	4.50	4.50	4.50	4.50	4.50	4.50	1.50	-1.75	Disabled	2.25	0.25
		93	6415	4.50	4.50	4.50	4.50	4.50	4.50	4.50	1.50	-1.75	Disabled	2.25	0.25
	U-NII-7	117-181	6535-6855	4.25	4.25	4.25	4.25	4.25	4.25	4.25	1.25	-2.00	Disabled	2.00	0.00
Bandwidth	Band	Channel	Center Frequency (MHz)	11ax/11be HE40 (SISO) Low Rate	11ax/11be HE40 (SISO) Mid Rate	11ax/11be HE40 (SISO) High Rate	11ax/11be HE40 RU484 (SISO)	11ax/11be HE40 RU106 (SISO)	11ax/11be HE40 RU52 (SISO)	11ax/11be HE40 RU26 (SISO)	11be HE40 MRU106_26 (SISO)	11be HE40 MRU52_26 (SISO)			
40 MHz	U-NII-5	3	5965	NS	NS	NS	NS	NS	NS	NS	NS	NS			
		11	6005	NS	NS	NS	NS	NS	NS	NS	NS	NS			
		19-27	6045-6085	NS	NS	NS	NS	NS	NS	NS	NS	NS			
		35-59	6125-6245	7.50	7.50	7.50	7.50	1.50	-1.75	Disabled	2.25	0.25			
		67-75	6285-6325	7.50	7.50	7.50	7.50	1.50	-1.75	Disabled	2.25	0.25			
		83	6365	7.50	7.50	7.50	7.50	1.50	-1.75	Disabled	2.25	0.25			
		91	6405	7.50	7.50	7.50	7.50	1.50	-1.75	Disabled	2.25	0.25			
	U-NII-7	123-179	6565-6845	7.25	7.25	7.25	7.25	1.25	-2.00	Disabled	2.00	0.00			
Bandwidth	Band	Channel	Center Frequency (MHz)	11ax/11be HE80 (SISO) Low Rate	11ax/11be HE80 (SISO) Mid Rate	11ax/11be HE80 (SISO) High Rate	11ax/11be HE80 RU996 (SISO)	11ax/11be HE80 RU106 (SISO)	11ax/11be HE80 RU52 (SISO)	11ax/11be HE80 RU26 (SISO)	11be HE80 MRU484_242 (SISO)	11be HE80 MRU106_26 (SISO)	11be HE80 MRU52_26 (SISO)		
80 MHz	U-NII-5	7	5985	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
		23	6065	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
		39-55	6145-6225	10.50	10.50	10.50	10.50	1.50	-1.75	Disabled	9.25	2.25	0.25		
		71	6305	10.50	10.50	10.50	10.50	1.50	-1.75	Disabled	9.25	2.25	0.25		
		87	6385	10.50	10.50	10.50	10.50	1.50	-1.75	Disabled	9.25	2.25	0.25		
	U-NII-7	135-167	6625-6785	10.25	10.25	10.25	10.25	1.25	-2.00	Disabled	9.00	2.00	0.00		
Bandwidth	Band	Channel	Center Frequency (MHz)	11ax/11be HE160 (SISO) Low Rate	11ax/11be HE160 (SISO) Mid Rate	11ax/11be HE160 (SISO) High Rate	11ax/11be HE160 RU996_2 (SISO)	11ax/11be HE160 RU106 (SISO)	11ax/11be HE160 RU52 (SISO)	11ax/11be HE160 RU26 (SISO)	11be HE160 MRU996_484_242 (SISO)	11be HE160 MRU996_484 (SISO)	11be HE160 MRU484_242 (SISO)	11be HE160 MRU106_26 (SISO)	11be HE160 MRU52_26 (SISO)
160 MHz	U-NII-5	15	6025	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		47	6185	12.75	12.75	12.75	12.75	1.50	-1.75	Disabled	12.25	11.75	9.25	2.25	0.25
		79	6345	12.75	12.75	12.75	12.75	1.50	-1.75	Disabled	12.25	11.75	9.25	2.25	0.25
	U-NII-7	143	6665	12.50	12.50	12.50	12.50	1.25	-2.00	Disabled	12.00	11.50	9.00	2.00	0.00

Bandwidth	Band	Channel	Frequency (MHz)	Maximum Output Power (dBm)																							
				VLP for ANT5 / ANT6																							
				MIMO																							
				11ax/11be HE20 (2Tx, CDD, nonTxBF) Low Rate	11ax/11be HE20 (2Tx, CDD, nonTxBF) Mid Rate	11ax/11be HE20 (2Tx, CDD, nonTxBF) High Rate	11ax/11be HE20 RU242 (2Tx, CDD, nonTxBF)	11ax/11be HE20 RU106 (2Tx, CDD, nonTxBF)	11ax/11be HE20 RU52 (2Tx, CDD, nonTxBF)	11ax/11be HE20 RU26 (2Tx, CDD, nonTxBF)	11be HE20 MRU106_26 (2Tx, CDD, nonTxBF)	11be HE20 MRU52_26 (2Tx, CDD, nonTxBF)	11ax/11be HE20 (2Tx, SDM, nonTxBF) Low Rate	11ax/11be HE20 (2Tx, SDM, nonTxBF) Mid Rate	11ax/11be HE20 (2Tx, SDM, nonTxBF) High Rate	11ax/11be HE20 RU242 (2Tx, SDM, nonTxBF)	11ax/11be HE20 RU106 (2Tx, SDM, nonTxBF)	11ax/11be HE20 RU52 (2Tx, SDM, nonTxBF)	11ax/11be HE20 RU26 (2Tx, SDM, nonTxBF)	11be HE20 MRU106_26 (2Tx, SDM, nonTxBF)	11be HE20 MRU52_26 (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						
		1	5955	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS						
		5	5975	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS						
		9-29	5995-6095	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS						
		33-61	6115-6255	-0.25	-0.25	-0.25	-0.25	Disabled	Disabled	Disabled	-2.50	Disabled	2.75	2.75	2.75	2.75	-0.25	Disabled	Disabled	0.50	-1.50						
		65-85	6275-6375	0.00	0.00	0.00	0.00	Disabled	Disabled	Disabled	-2.25	Disabled	3.00	3.00	3.00	3.00	0.00	Disabled	Disabled	0.75	-1.25						
		89	6395	0.00	0.00	0.00	0.00	Disabled	Disabled	Disabled	-2.25	Disabled	3.00	3.00	3.00	3.00	0.00	Disabled	Disabled	0.75	-1.25						
		93	6415	0.00	0.00	0.00	0.00	Disabled	Disabled	Disabled	-2.25	Disabled	3.00	3.00	3.00	3.00	0.00	Disabled	Disabled	0.75	-1.25						
	U-NII-7	117-181	6535-6855	0.25	0.25	0.25	0.25	Disabled	Disabled	Disabled	-2.00	Disabled	3.00	3.00	3.00	3.00	0.00	Disabled	Disabled	0.75	-1.25						
Bandwidth	Band	Channel	Center Frequency (MHz)	11ax/11be HE40 (2Tx, CDD, nonTxBF) Low Rate	11ax/11be HE40 (2Tx, CDD, nonTxBF) Mid Rate	11ax/11be HE40 (2Tx, CDD, nonTxBF) High Rate	11ax/11be HE40 RU484 (2Tx, CDD, nonTxBF)	11ax/11be HE40 RU106 (2Tx, CDD, nonTxBF)	11ax/11be HE40 RU52 (2Tx, CDD, nonTxBF)	11ax/11be HE40 RU26 (2Tx, CDD, nonTxBF)	11be HE40 MRU106_26 (2Tx, CDD, nonTxBF)	11be HE40 MRU52_26 (2Tx, CDD, nonTxBF)	11ax/11be HE40 (2Tx, SDM, nonTxBF) Low Rate	11ax/11be HE40 (2Tx, SDM, nonTxBF) Mid Rate	11ax/11be HE40 (2Tx, SDM, nonTxBF) High Rate	11ax/11be HE40 RU484 (2Tx, SDM, nonTxBF)	11ax/11be HE40 RU106 (2Tx, SDM, nonTxBF)	11ax/11be HE40 RU52 (2Tx, SDM, nonTxBF)	11ax/11be HE40 RU26 (2Tx, SDM, nonTxBF)	11be HE40 MRU106_26 (2Tx, SDM, nonTxBF)	11be HE40 MRU52_26 (2Tx, SDM, nonTxBF)						
40 MHz	U-NII-5	3	5965	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS						
		11	6005	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS						
		19-27	6045-6085	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS						
		35-59	6125-6245	2.75	2.75	2.75	2.75	Disabled	Disabled	Disabled	-2.50	Disabled	5.75	5.75	5.75	5.75	-0.25	Disabled	Disabled	0.50	-1.50						
		67-75	6285-6325	3.00	3.00	3.00	3.00	Disabled	Disabled	Disabled	-2.25	Disabled	6.00	6.00	6.00	6.00	0.00	Disabled	Disabled	0.75	-1.25						
		83	6365	3.00	3.00	3.00	3.00	Disabled	Disabled	Disabled	-2.25	Disabled	6.00	6.00	6.00	6.00	0.00	Disabled	Disabled	0.75	-1.25						
		91	6405	3.00	3.00	3.00	3.00	Disabled	Disabled	Disabled	-2.25	Disabled	6.00	6.00	6.00	6.00	0.00	Disabled	Disabled	0.75	-1.25						
	U-NII-7	123-179	6565-6845	3.25	3.25	3.25	3.25	Disabled	Disabled	Disabled	-2.00	Disabled	6.00	6.00	6.00	6.00	0.00	Disabled	Disabled	0.75	-1.25						
Bandwidth	Band	Channel	Center Frequency (MHz)	11ax/11be HE80 (2Tx, CDD, nonTxBF) Low Rate	11ax/11be HE80 (2Tx, CDD, nonTxBF) Mid Rate	11ax/11be HE80 (2Tx, CDD, nonTxBF) High Rate	11ax/11be HE80 RU996 (2Tx, CDD, nonTxBF)	11ax/11be HE80 RU106 (2Tx, CDD, nonTxBF)	11ax/11be HE80 RU52 (2Tx, CDD, nonTxBF)	11ax/11be HE80 RU26 (2Tx, CDD, nonTxBF)	11be HE80 MRU484_242 (2Tx, CDD, nonTxBF)	11be HE80 MRU106_26 (2Tx, CDD, nonTxBF)	11be HE80 MRU52_26 (2Tx, CDD, nonTxBF)	11ax/11be HE80 (2Tx, SDM, nonTxBF) Low Rate	11ax/11be HE80 (2Tx, SDM, nonTxBF) Mid Rate	11ax/11be HE80 (2Tx, SDM, nonTxBF) High Rate	11ax/11be HE80 RU996 (2Tx, SDM, nonTxBF)	11ax/11be HE80 RU106 (2Tx, SDM, nonTxBF)	11ax/11be HE80 RU52 (2Tx, SDM, nonTxBF)	11ax/11be HE80 RU26 (2Tx, SDM, nonTxBF)	11be HE80 MRU484_242 (2Tx, SDM, nonTxBF)	11be HE80 MRU106_26 (2Tx, SDM, nonTxBF)	11be HE80 MRU52_26 (2Tx, SDM, nonTxBF)		
80 MHz	U-NII-5	7	5985	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
		23	6065	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
		39-55	6145-6225	5.75	5.75	5.75	5.75	Disabled	Disabled	Disabled	4.50	-2.50	Disabled	8.75	8.75	8.75	8.75	-0.25	Disabled	Disabled	7.50	0.50	-1.50		
		71	6305	6.00	6.00	6.00	6.00	Disabled	Disabled	Disabled	4.75	-2.25	Disabled	9.00	9.00	9.00	9.00	0.00	Disabled	Disabled	7.75	0.75	-1.25		
		87	6385	6.00	6.00	6.00	6.00	Disabled	Disabled	Disabled	4.75	-2.25	Disabled	9.00	9.00	9.00	9.00	0.00	Disabled	Disabled	7.75	0.75	-1.25		
	U-NII-7	135-167	6625-6785	6.25	6.25	6.25	6.25	Disabled	Disabled	Disabled	5.00	-2.00	Disabled	9.00	9.00	9.00	9.00	0.00	Disabled	Disabled	7.75	0.75	-1.25		
Bandwidth	Band	Channel	Center Frequency (MHz)	11ax/11be HE160 (2Tx, CDD, nonTxBF) Low Rate	11ax/11be HE160 (2Tx, CDD, nonTxBF) Mid Rate	11ax/11be HE160 (2Tx, CDD, nonTxBF) High Rate	11ax/11be HE160 RU996_2 (2Tx, CDD, nonTxBF)	11ax/11be HE160 RU106 (2Tx, CDD, nonTxBF)	11ax/11be HE160 RU52 (2Tx, CDD, nonTxBF)	11ax/11be HE160 RU26 (2Tx, CDD, nonTxBF)	11be HE160 MRU996_484_242 (2Tx, CDD, nonTxBF)	11be HE160 MRU996_484 (2Tx, CDD, nonTxBF)	11be HE160 MRU484_242 (2Tx, CDD, nonTxBF)	11be HE160 MRU106_26 (2Tx, CDD, nonTxBF)	11be HE160 MRU52_26 (2Tx, CDD, nonTxBF)	11ax/11be HE160 (2Tx, SDM, nonTxBF) Low Rate	11ax/11be HE160 (2Tx, SDM, nonTxBF) Mid Rate	11ax/11be HE160 (2Tx, SDM, nonTxBF) High Rate	11ax/11be HE160 RU996_2 (2Tx, SDM, nonTxBF)	11ax/11be HE160 RU106 (2Tx, SDM, nonTxBF)	11ax/11be HE160 RU52 (2Tx, SDM, nonTxBF)	11ax/11be HE160 RU26 (2Tx, SDM, nonTxBF)	11be HE160 MRU996_484_242 (2Tx, SDM, nonTxBF)	11be HE160 MRU996_484 (2Tx, SDM, nonTxBF)	11be HE160 MRU484_242 (2Tx, SDM, nonTxBF)	11be HE160 MRU106_26 (2Tx, SDM, nonTxBF)	11be HE160 MRU52_26 (2Tx, SDM, nonTxBF)
160 MHz	U-NII-5	15	6025	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		47	6185	8.00	8.00	8.00	8.00	Disabled	Disabled	Disabled	7.50	7.00	4.50	-2.50	Disabled	11.00	11.00	11.00	11.00	-0.25	Disabled	Disabled	10.50	10.00	7.50	0.50	-1.50
		79	6345	8.25	8.25	8.25	8.25	Disabled	Disabled	Disabled	7.75	7.25	4.75	-2.25	Disabled	11.25	11.25	11.25	11.25	0.00	Disabled	Disabled	10.75	10.25	7.75	0.75	-1.25
	U-NII-7	143	6665	8.50	8.50	8.50	8.50	Disabled	Disabled	Disabled	8.00	7.50	5.00	-2.00	Disabled	11.25	11.25	11.25	11.25	0.00	Disabled	Disabled	10.75	10.25	7.75	0.75	-1.25

Note(s):

To comply with KDB 941225 D07 v01r02 and KDB 648474 D04 v01r03, 1-g SAR testing was performed on the higher Maximum Output Power between SP and LPI power at a separation distance of 5 mm to exclude 10-g SAR for all non-Head exposure conditions where the transmitter distance to surface is within 25 mm. Thus, Body-worn and Extremity were amalgamated into one exposure condition using 1-g SAR at 5 mm to confirm compliance. 1-g SAR on the higher Maximum Output Power between SP and LPI power, at a separation distance of 5 mm, is a more conservative representation than 10-g SAR at 0 mm. Therefore, SAR Testing for VLP is covered.

Wi-Fi 6GHz (Power States)

For Wi-Fi 6GHz 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	11.25	11.25	11.25	11.25	11.25	11.25	10.25	10.25	10.75	10.75	9.25	9.25
			5	5975	11.25	11.25	11.25	11.25	11.25	11.25	10.25	10.25	10.75	10.75	9.25	9.25
			9	5995	11.25	11.25	11.25	11.25	11.25	11.25	10.25	10.25	10.75	10.75	9.25	9.25
			13-29	6015-6095	11.25	11.25	11.25	11.25	11.25	11.25	10.25	10.25	10.75	10.75	9.25	9.25
			33-61	6115-6255	11.25	11.25	11.25	11.25	11.25	11.25	10.25	10.25	10.75	10.75	9.25	9.25
			65-85	6275-6375	12.25	12.25	12.25	12.25	12.25	12.25	11.25	11.25	11.75	11.75	10.25	10.25
			89	6395	12.25	12.25	12.25	12.25	12.25	12.25	11.25	11.25	11.75	11.75	10.25	10.25
			93	6415	12.25	12.25	12.25	12.25	12.25	12.25	11.25	11.25	11.75	11.75	10.25	10.25
		802.11ax 40 MHz	3	5965	11.25	11.25	11.25	11.25	11.25	11.25	10.25	10.25	10.75	10.75	9.25	9.25
			11	6005	11.25	11.25	11.25	11.25	11.25	11.25	10.25	10.25	10.75	10.75	9.25	9.25
			19-27	6045-6085	11.25	11.25	11.25	11.25	11.25	11.25	10.25	10.25	10.75	10.75	9.25	9.25
			35-59	6125-6245	11.25	11.25	11.25	11.25	11.25	11.25	10.25	10.25	10.75	10.75	9.25	9.25
			67-75	6285-6325	12.25	12.25	12.25	12.25	12.25	12.25	11.25	11.25	11.75	11.75	10.25	10.25
			83	6365	12.25	12.25	12.25	12.25	12.25	12.25	11.25	11.25	11.75	11.75	10.25	10.25
			91	6405	12.25	12.25	12.25	12.25	12.25	12.25	11.25	11.25	11.75	11.75	10.25	10.25
		802.11ax 80 MHz	7	5985	11.25	11.25	11.25	11.25	11.25	11.25	10.25	10.25	10.75	10.75	9.25	9.25
			23	6065	11.25	11.25	11.25	11.25	11.25	11.25	10.25	10.25	10.75	10.75	9.25	9.25
			39-55	6145-6225	11.25	11.25	11.25	11.25	11.25	11.25	10.25	10.25	10.75	10.75	9.25	9.25
			71	6305	12.25	12.25	12.25	12.25	12.25	12.25	11.25	11.25	11.75	11.75	10.25	10.25
			87	6385	12.25	12.25	12.25	12.25	12.25	12.25	11.25	11.25	11.75	11.75	10.25	10.25
		802.11ax 160 MHz	15	6025	**11.25**	**11.25**	**11.25**	**11.25**	**11.25**	**11.25**	**10.25**	**10.25**	**10.75**	**10.75**	**9.25**	**9.25**
			47	6185	**11.25**	**11.25**	**11.25**	**11.25**	**11.25**	**11.25**	**10.25**	**10.25**	**10.75**	**10.75**	**9.25**	**9.25**
			79	6345	**12.25**	**12.25**	**12.25**	**12.25**	**12.25**	**12.25**	**11.25**	**11.25**	**11.75**	**11.75**	**10.25**	**10.25**

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-6	802.11a 20 MHz	97-109	6435-6495	9.25	9.25	9.25	9.25	9.25	9.25	9.25	9.25	9.25	9.25	9.25	9.25
			113	6515	9.25	9.25	9.25	9.25	9.25	9.25	9.25	9.25	9.25	9.25	9.25	9.25
		802.11ax 40 MHz	99-107	6445-6485	12.25	12.25	12.25	12.25	12.25	12.25	11.50	11.50	12.00	12.00	10.50	10.50
			115	6525	11.25	11.25	11.25	11.25	11.25	11.25	11.25	11.25	11.25	11.25	10.50	10.50
		802.11ax 80 MHz	103	6465	12.50	12.50	12.50	12.50	12.50	12.50	11.50	11.50	12.00	12.00	10.50	10.50
		802.11ax 160 MHz	111	6505	**12.50**	**12.50**	**12.50**	**12.50**	**12.50**	**12.50**	**11.50**	**11.50**	**12.00**	**12.00**	**10.50**	**10.50**

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-7	802.11a 20 MHz	117-125	6535-6575	12.50	12.50	12.50	12.50	12.50	12.50	11.50	11.50	12.00	12.00	10.50	10.50
			129-157	6595-6735	12.50	12.50	12.50	12.50	12.50	12.50	11.50	11.50	12.00	12.00	10.50	10.50
			161-181	6735-6855	12.50	12.50	12.50	12.50	12.50	12.50	11.50	11.50	12.00	12.00	10.50	10.50
			185	6875	8.25	8.25	8.25	8.25	8.25	8.25	8.25	8.25	8.25	8.25	8.25	8.25
		802.11ax 40 MHz	123	6565	12.50	12.50	12.50	12.50	12.50	12.50	11.50	11.50	12.00	12.00	10.50	10.50
			131-155	6605-6725	12.50	12.50	12.50	12.50	12.50	12.50	11.50	11.50	12.00	12.00	10.50	10.50
			163-179	6765-6845	12.50	12.50	12.50	12.50	12.50	12.50	11.50	11.50	12.00	12.00	10.50	10.50
		802.11ax 80 MHz	119	6545	12.50	12.50	12.50	12.50	12.50	12.50	11.50	11.50	12.00	12.00	10.50	10.50
			135-151	6625-6705	12.50	12.50	12.50	12.50	12.50	12.50	11.50	11.50	12.00	12.00	10.50	10.50
			167	6785	12.50	12.50	12.50	12.50	12.50	12.50	11.50	11.50	12.00	12.00	10.50	10.50
			183	6865	12.50	12.50	12.50	12.50	12.50	12.50	11.50	11.50	12.00	12.00	10.50	10.50
		802.11ax 160 MHz	143	6665	**12.50**	**12.50**	**12.50**	**12.50**	**12.50**	**12.50**	**11.50**	**11.50**	**12.00**	**12.00**	**10.50**	**10.50**
			175	6825	**12.50**	**12.50**	**12.50**	**12.50**	**12.50**	**12.50**	**11.50**	**11.50**	**12.00**	**12.00**	**10.50**	**10.50**

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-8	802.11a 20 MHz	189-225	6895-7075	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
			229	7095	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
			233	7115	-4.50	-4.50	-4.50	-4.50	-4.50	-4.50	-4.50	-4.50	-4.50	-4.50	-4.50	-4.50
		802.11ax 40 MHz	187	6885	11.25	11.25	11.25	11.25	11.25	11.25	**11.25**	**11.25**	11.25	11.25	**10.50**	**10.50**
			195-203	6925-6965	12.00	12.00	12.00	12.00	12.00	12.00	**11.00**	**11.00**	11.50	11.50	**10.00**	**10.00**
			211-219	7005-7045	12.00	12.00	12.00	12.00	12.00	12.00	**11.00**	**11.00**	11.50	11.50	**10.00**	**10.00**
			227	7085	12.00	12.00	12.00	12.00	12.00	12.00	**11.00**	**11.00**	11.50	11.50	**10.00**	**10.00**
		802.11ax 80 MHz	199	6945	12.00	12.00	12.00	12.00	12.00	12.00	**11.00**	**11.00**	11.50	11.50	10.00	10.00
			215	7025	12.00	12.00	12.00	12.00	12.00	12.00	**11.00**	**11.00**	11.50	11.50	10.00	10.00
		802.11ax 160 MHz	207	6985	**12.00**	**12.00**	**12.00**	**12.00**	**12.00**	**12.00**	11.00	11.00	**11.50**	**11.50**	10.00	10.00

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	9.00	9.00	9.00	9.00	9.00	9.00	8.00	8.00	8.50	8.50	7.00	7.00
			5	5975	9.00	9.00	9.00	9.00	9.00	9.00	8.00	8.00	8.50	8.50	7.00	7.00
			9	5995	9.00	9.00	9.00	9.00	9.00	9.00	8.00	8.00	8.50	8.50	7.00	7.00
			13-29	6015-6095	9.00	9.00	9.00	9.00	9.00	9.00	8.00	8.00	8.50	8.50	7.00	7.00
			33-61	6115-6255	9.00	9.00	9.00	9.00	9.00	9.00	8.00	8.00	8.50	8.50	7.00	7.00
			65-85	6275-6375	9.50	9.50	9.50	9.50	9.50	9.50	8.50	8.50	9.00	9.00	7.50	7.50
			89	6395	9.50	9.50	9.50	9.50	9.50	9.50	8.50	8.50	9.00	9.00	7.50	7.50
			93	6415	9.50	9.50	9.50	9.50	9.50	9.50	8.50	8.50	9.00	9.00	7.50	7.50
		802.11ax 40 MHz	3	5965	9.00	9.00	9.00	9.00	9.00	9.00	8.00	8.00	8.50	8.50	7.00	7.00
			11	6005	9.00	9.00	9.00	9.00	9.00	9.00	8.00	8.00	8.50	8.50	7.00	7.00
			19-27	6045-6085	9.00	9.00	9.00	9.00	9.00	9.00	8.00	8.00	8.50	8.50	7.00	7.00
			35-59	6125-6245	9.00	9.00	9.00	9.00	9.00	9.00	8.00	8.00	8.50	8.50	7.00	7.00
			67-75	6285-6325	9.50	9.50	9.50	9.50	9.50	9.50	8.50	8.50	9.00	9.00	7.50	7.50
			83	6365	9.50	9.50	9.50	9.50	9.50	9.50	8.50	8.50	9.00	9.00	7.50	7.50
			91	6405	9.50	9.50	9.50	9.50	9.50	9.50	8.50	8.50	9.00	9.00	7.50	7.50
		802.11ax 80 MHz	7	5985	9.00	9.00	9.00	9.00	9.00	9.00	8.00	8.00	8.50	8.50	7.00	7.00
			23	6065	9.00	9.00	9.00	9.00	9.00	9.00	8.00	8.00	8.50	8.50	7.00	7.00
			39-55	6145-6225	9.00	9.00	9.00	9.00	9.00	9.00	8.00	8.00	8.50	8.50	7.00	7.00
			71	6305	9.50	9.50	9.50	9.50	9.50	9.50	8.50	8.50	9.00	9.00	7.50	7.50
			87	6385	9.50	9.50	9.50	9.50	9.50	9.50	8.50	8.50	9.00	9.00	7.50	7.50
		802.11ax 160 MHz	15	6025	**9.00**	**9.00**	**9.00**	**9.00**	**9.00**	**9.00**	**8.00**	**8.00**	**8.50**	**8.50**	**7.00**	**7.00**
			47	6185	**9.00**	**9.00**	**9.00**	**9.00**	**9.00**	**9.00**	**8.00**	**8.00**	**8.50**	**8.50**	**7.00**	**7.00**
			79	6345	**9.50**	**9.50**	**9.50**	**9.50**	**9.50**	**9.50**	**8.50**	**8.50**	**9.00**	**9.00**	**7.50**	**7.50**

Mode	Bandwidth	Channel	Frequency	Maximum Output Power (dBm)											
				Power State 1		Power State 2		Power State 3		Power State 4		Power State 5		Power State 6	
				Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B
U-NII-6	802.11a 20 MHz	97-109	6435-6495	9.25	9.25	9.25	9.25	9.25	9.25	8.25	8.25	8.75	8.75	7.25	7.25
		113	6515	9.25	9.25	9.25	9.25	9.25	9.25	8.25	8.25	8.75	8.75	7.25	7.25
	802.11ax 40 MHz	99-107	6445-6485	9.25	9.25	9.25	9.25	9.25	9.25	8.25	8.25	8.75	8.75	7.25	7.25
		115	6525	9.25	9.25	9.25	9.25	9.25	9.25	8.25	8.25	8.75	8.75	7.25	7.25
	802.11ax 80 MHz	103	6465	9.25	9.25	9.25	9.25	9.25	9.25	8.25	8.25	8.75	8.75	7.25	7.25
	802.11ax 160 MHz	111	6505	**9.25**	**9.25**	**9.25**	**9.25**	**9.25**	**9.25**	**8.25**	**8.25**	**8.75**	**8.75**	**7.25**	**7.25**

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	9.25	9.25	9.25	9.25	9.25	9.25	8.25	8.25	8.75	8.75	7.25	7.25
		129-157	6595-6735	8.50	8.50	8.50	8.50	8.50	8.50	7.50	7.50	8.00	8.00	6.50	6.50
		161-181	6735-6855	8.50	8.50	8.50	8.50	8.50	8.50	7.50	7.50	8.00	8.00	6.50	6.50
		185	6875	8.25	8.25	8.25	8.25	8.25	8.25	8.25	8.25	8.25	8.25	7.25	7.25
	802.11ax 40 MHz	123	6565	9.25	9.25	9.25	9.25	9.25	9.25	8.25	8.25	8.75	8.75	7.25	7.25
		131-155	6605-6725	8.50	8.50	8.50	8.50	8.50	8.50	7.50	7.50	8.00	8.00	6.50	6.50
		163-179	6765-6845	9.25	9.25	9.25	9.25	9.25	9.25	8.25	8.25	8.75	8.75	7.25	7.25
	802.11ax 80 MHz	119	6545	**9.25**	**9.25**	**9.25**	**9.25**	**9.25**	**9.25**	**8.25**	**8.25**	**8.75**	**8.75**	**7.25**	**7.25**
		135-151	6625-6705	**8.50**	**8.50**	**8.50**	**8.50**	**8.50**	**8.50**	**7.50**	**7.50**	**8.00**	**8.00**	**6.50**	**6.50**
		167	6785	**8.50**	**8.50**	**8.50**	**8.50**	**8.50**	**8.50**	**7.50**	**7.50**	**8.00**	**8.00**	**6.50**	**6.50**
		183	6865	**8.50**	**8.50**	**8.50**	**8.50**	**8.50**	**8.50**	**7.50**	**7.50**	**8.00**	**8.00**	**6.50**	**6.50**
	802.11ax 160 MHz	143	6665	8.50	8.50	8.50	8.50	8.50	8.50	7.50	7.50	8.00	8.00	6.50	6.50
		175	6825	8.50	8.50	8.50	8.50	8.50	8.50	7.50	7.50	8.00	8.00	6.50	6.50

Mode	Bandwidth	Channel	Frequency	Maximum Output Power (dBm)											
				Power State 1		Power State 2		Power State 3		Power State 4		Power State 5		Power State 6	
				Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B
U-NII-8	802.11a 20 MHz	189-225	6895-7075	8.25	8.25	8.25	8.25	8.25	8.25	7.25	7.25	7.75	7.75	6.25	6.25
		229	7095	8.25	8.25	8.25	8.25	8.25	8.25	7.25	7.25	7.75	7.75	6.25	6.25
		233	7115	-4.50	-4.50	-4.50	-4.50	-4.50	-4.50	-4.50	-4.50	-4.50	-4.50	-4.50	-4.50
	802.11ax 40 MHz	187	6885	**8.50**	**8.50**	**8.50**	**8.50**	**8.50**	**8.50**	**7.50**	**7.50**	**8.00**	**8.00**	**6.50**	**6.50**
		195-203	6925-6965	**8.25**	**8.25**	**8.25**	**8.25**	**8.25**	**8.25**	**7.25**	**7.25**	**7.75**	**7.75**	**6.25**	**6.25**
		211-219	7005-7045	**8.25**	**8.25**	**8.25**	**8.25**	**8.25**	**8.25**	**7.25**	**7.25**	**7.75**	**7.75**	**6.25**	**6.25**
		227	7085	**8.25**	**8.25**	**8.25**	**8.25**	**8.25**	**8.25**	**7.25**	**7.25**	**7.75**	**7.75**	**6.25**	**6.25**
	802.11ax 80 MHz	199	6945	8.25	8.25	8.25	8.25	8.25	8.25	7.25	7.25	7.75	7.75	6.25	6.25
		215	7025	8.25	8.25	8.25	8.25	8.25	8.25	7.25	7.25	7.75	7.75	6.25	6.25
	802.11ax 160 MHz	207	6985	8.25	8.25	8.25	8.25	8.25	8.25	7.25	7.25	7.75	7.75	6.25	6.25

Note(s):

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

Wi-Fi 6GHz Measured Results

Power Mode	Antenna	Power Mode A						Power Mode B					
		Band	Mode	Ch #	Freq. (MHz)	Meas Pwr (dBm)	Max Output Pwr (dBm)	Band	Mode	Ch #	Freq. (MHz)	Meas Pwr (dBm)	Max Output Pwr (dBm)
Power State 1 & Power State 2 & Power State 3	ANT5	U-NII-5	802.11ax 160 MHz	15	6025	10.25	11.25	U-NII-5	802.11ax 160 MHz	15	6025	10.25	11.25
				47	6185	10.67	11.25			47	6185	10.67	11.25
				79	6345	11.45	12.25			79	6345	11.45	12.25
		U-NII-6	802.11ax 160 MHz	111	6505	11.80	12.50	U-NII-6	802.11ax 160 MHz	111	6505	11.80	12.50
		U-NII-7	802.11ax 160 MHz	143	6665	11.50	12.50	U-NII-7	802.11ax 160 MHz	143	6665	11.50	12.50
				175	6825	11.50	12.50			175	6825	11.50	12.50
		U-NII-8	802.11ax 160 MHz	207	6985	10.91	12.00	U-NII-8	802.11ax 160 MHz	207	6985	10.91	12.00
	ANT6	U-NII-5	802.11ax 160 MHz	15	6025	8.32	9.00	U-NII-5	802.11ax 160 MHz	15	6025	8.32	9.00
				47	6185	8.40	9.00			47	6185	8.40	9.00
				79	6345	8.87	9.50			79	6345	8.87	9.50
		U-NII-6	802.11ax 160 MHz	111	6505	8.70	9.25	U-NII-6	802.11ax 160 MHz	111	6505	8.70	9.25
		U-NII-7	802.11ax 80 MHz	119	6545	8.66	9.25	U-NII-7	802.11ax 80 MHz	119	6545	8.66	9.25
				151	6705	7.62	8.50			151	6705	7.62	8.50
				183	6865	7.62	8.50			183	6865	7.62	8.50
		U-NII-8	802.11ax 40 MHz	187	6885	8.00	8.50	U-NII-8	802.11ax 40 MHz	187	6885	8.00	8.50
				203	6965	7.36	8.25			203	6965	7.36	8.25
				211	7005	7.46	8.25			211	7005	7.46	8.25

Power Mode	Antenna	Power Mode A						Power Mode B					
		Band	Mode	Ch #	Freq. (MHz)	Meas Pwr (dBm)	Max Output Pwr (dBm)	Band	Mode	Ch #	Freq. (MHz)	Meas Pwr (dBm)	Max Output Pwr (dBm)
Power State 4	ANT5	U-NII-5	802.11ax 160 MHz	15	6025	9.25	10.25	U-NII-5	802.11ax 160 MHz	15	6025	9.25	10.25
				47	6185	9.25	10.25			47	6185	9.25	10.25
				79	6345	10.25	11.25			79	6345	10.25	11.25
		U-NII-6	802.11ax 160 MHz	111	6505	10.50	11.50	U-NII-6	802.11ax 160 MHz	111	6505	10.50	11.50
		U-NII-7	802.11ax 160 MHz	143	6665	10.00	11.50	U-NII-7	802.11ax 160 MHz	143	6665	10.00	11.50
				175	6825	10.00	11.50			175	6825	10.00	11.50
		U-NII-8	802.11ax 40 MHz	187	6885	9.95	11.25	U-NII-8	802.11ax 40 MHz	187	6885	9.95	11.25
				203	6965	9.45	11.00			203	6965	9.45	11.00
				211	7005	9.45	11.00			211	7005	9.45	11.00
	ANT6	U-NII-5	802.11ax 160 MHz	15	6025	7.00	8.00	U-NII-5	802.11ax 160 MHz	15	6025	7.00	8.00
				47	6185	7.00	8.00			47	6185	7.00	8.00
				79	6345	7.50	8.50			79	6345	7.50	8.50
		U-NII-6	802.11ax 160 MHz	111	6505	7.25	8.25	U-NII-6	802.11ax 160 MHz	111	6505	7.25	8.25
		U-NII-7	802.11ax 80 MHz	119	6545	7.24	8.25	U-NII-7	802.11ax 80 MHz	119	6545	7.24	8.25
				151	6705	6.50	7.50			151	6705	6.50	7.50
				183	6865	6.50	7.50			183	6865	6.50	7.50
		U-NII-8	802.11ax 40 MHz	187	6885	6.50	7.50	U-NII-8	802.11ax 40 MHz	187	6885	6.50	7.50
				203	6965	6.25	7.25			203	6965	6.25	7.25
				211	7005	6.25	7.25			211	7005	6.25	7.25

Power Mode	Antenna	Power Mode A						Power Mode B					
		Band	Mode	Ch #	Freq. (MHz)	Meas Pwr (dBm)	Max Output Pwr (dBm)	Band	Mode	Ch #	Freq. (MHz)	Meas Pwr (dBm)	Max Output Pwr (dBm)
Power State 5	ANT5	U-NII-5	802.11ax 160 MHz	15	6025	10.25	10.75	U-NII-5	802.11ax 160 MHz	15	6025	10.25	10.75
				47	6185	10.67	10.75			47	6185	10.67	10.75
				79	6345	11.45	11.75			79	6345	11.45	11.75
		U-NII-6	802.11ax 160 MHz	111	6505	11.80	12.00	U-NII-6	802.11ax 160 MHz	111	6505	11.80	12.00
		U-NII-7	802.11ax 160 MHz	143	6665	11.50	12.00	U-NII-7	802.11ax 160 MHz	143	6665	11.50	12.00
				175	6825	11.50	12.00			175	6825	11.50	12.00
		U-NII-8	802.11ax 160 MHz	207	6985	10.91	11.50	U-NII-8	802.11ax 160 MHz	207	6985	10.91	11.50
	ANT6	U-NII-5	802.11ax 160 MHz	15	6025	8.32	8.50	U-NII-5	802.11ax 160 MHz	15	6025	8.32	8.50
				47	6185	8.40	8.50			47	6185	8.40	8.50
				79	6345	8.87	9.00			79	6345	8.87	9.00
		U-NII-6	802.11ax 160 MHz	111	6505	8.70	8.75	U-NII-6	802.11ax 160 MHz	111	6505	8.70	8.75
		U-NII-7	802.11ax 80 MHz	119	6545	8.66	8.75	U-NII-7	802.11ax 80 MHz	119	6545	8.66	8.75
				151	6705	7.62	8.00			151	6705	7.62	8.00
				183	6865	7.62	8.00			183	6865	7.62	8.00
		U-NII-8	802.11ax 40 MHz	187	6885	8.00	8.00	U-NII-8	802.11ax 40 MHz	187	6885	8.00	8.00
				203	6965	7.36	7.75			203	6965	7.36	7.75
				211	7005	7.46	7.75			211	7005	7.46	7.75

Power Mode	Antenna	Power Mode A						Power Mode B					
		Band	Mode	Ch #	Freq. (MHz)	Meas Pwr (dBm)	Max Output Pwr (dBm)	Band	Mode	Ch #	Freq. (MHz)	Meas Pwr (dBm)	Max Output Pwr (dBm)
Power State 6	ANT5	U-NII-5	802.11ax 160 MHz	15	6025	9.25	9.25	U-NII-5	802.11ax 160 MHz	15	6025	9.25	9.25
				47	6185	9.25	9.25			47	6185	9.25	9.25
				79	6345	10.25	10.25			79	6345	10.25	10.25
		U-NII-6	802.11ax 160 MHz	111	6505	10.50	10.50	U-NII-6	802.11ax 160 MHz	111	6505	10.50	10.50
		U-NII-7	802.11ax 160 MHz	143	6665	10.00	10.50	U-NII-7	802.11ax 160 MHz	143	6665	10.00	10.50
				175	6825	10.00	10.50			175	6825	10.00	10.50
		U-NII-8	802.11ax 40 MHz	187	6885	9.95	10.50	U-NII-8	802.11ax 40 MHz	187	6885	9.95	10.50
				203	6965	9.45	10.00			203	6965	9.45	10.00
				211	7005	9.45	10.00			211	7005	9.45	10.00
	ANT6	U-NII-5	802.11ax 160 MHz	15	6025	7.00	7.00	U-NII-5	802.11ax 160 MHz	15	6025	7.00	7.00
				47	6185	7.00	7.00			47	6185	7.00	7.00
				79	6345	7.50	7.50			79	6345	7.50	7.50
		U-NII-6	802.11ax 160 MHz	111	6505	7.25	7.25	U-NII-6	802.11ax 160 MHz	111	6505	7.25	7.25
		U-NII-7	802.11ax 80 MHz	119	6545	7.24	7.25	U-NII-7	802.11ax 80 MHz	119	6545	7.24	7.25
				151	6705	6.50	6.50			151	6705	6.50	6.50
				183	6865	6.50	6.50			183	6865	6.50	6.50
		U-NII-8	802.11ax 40 MHz	187	6885	6.50	6.50	U-NII-8	802.11ax 40 MHz	187	6885	6.50	6.50
				203	6965	6.25	6.25			203	6965	6.25	6.25
				211	7005	6.25	6.25			211	7005	6.25	6.25

9.10. Bluetooth

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

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

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

For Bluetooth, there are three use cases:

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

Mode	Maximum Output Power (dBm)															
	Bluetooth P_{low}				Bluetooth P_{mid}				Bluetooth P_{high}				Bluetooth $P_{standalone}$			
	ANT3		ANT4		ANT3		ANT4		ANT3		ANT4		ANT3		ANT4	
	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B
GFSK	**12.5**	**11.0**	**9.5**	**10.5**	**15.5**	**14.5**	**13.0**	**14.0**	**18.0**	**17.0**	**15.5**	**16.5**	**20.0**	**20.0**	19.5	19.5
EDR	12.5	11.0	9.5	10.5	15.5	14.5	13.0	14.0	16.5	16.5	15.5	16.5	16.5	16.5	16.5	16.5
LE1M	12.5	11.0	9.5	10.5	15.5	14.5	13.0	14.0	18.0	17.0	15.5	16.5	20.0	20.0	**20.0**	**20.0**
LE2M	12.5	11.0	9.5	10.5	15.5	14.5	13.0	14.0	18.0	17.0	15.5	16.5	20.0	20.0	20.0	20.0
HDR4	12.5	11.0	9.5	10.5	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
HDR8	12.5	11.0	9.5	10.5	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0

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	Meas Pwr	Max Output Pwr
Bluetooth P_{low}	ANT3	GFSK	0	2402	10.5	12.0	9.7	11.0
			39	2441	10.5	12.0	9.8	11.0
			78	2480	10.7	12.0	9.8	11.0
	ANT4	GFSK	0	2402	8.4	9.5	9.4	10.5
			39	2441	8.3	9.5	9.3	10.5
			78	2480	8.3	9.5	9.1	10.5
Bluetooth P_{mid}	ANT3	GFSK	0	2402	14.1	15.5	13.1	14.5
			39	2441	14.1	15.5	13.1	14.5
			78	2480	14.2	15.5	13.3	14.5
	ANT4	GFSK	0	2402	11.9	13.0	12.9	14.0
			39	2441	11.7	13.0	12.6	14.0
			78	2480	11.8	13.0	12.7	14.0
Bluetooth P_{high}	ANT3	GFSK	0	2402	17.1	18.0	16.0	17.0
			39	2441	16.7	18.0	16.0	17.0
			78	2480	17.3	18.0	16.4	17.0
	ANT4	GFSK	0	2402	14.3	15.5	15.3	16.5
			39	2441	14.2	15.5	15.1	16.5
			78	2480	14.0	15.5	15.0	16.5
Bluetooth $P_{standalone}$	ANT3	GFSK	0	2402	19.0	20.0	19.0	20.0
			39	2441	18.8	20.0	18.8	20.0
			78	2480	19.3	20.0	19.3	20.0
	ANT4	LE1M	0	2402	18.2	20.0	18.2	20.0
			39	2441	19.2	20.0	19.2	20.0
			78	2480	19.0	20.0	19.0	20.0

Duty Factor Measured Results

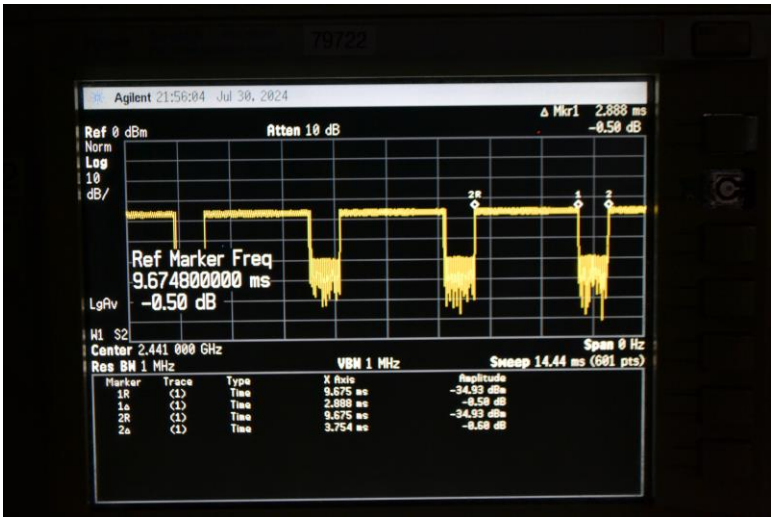
Mode	Type	T on (ms)	Period (ms)	Duty Cycle	Crest Factor (1/duty cycle)
GFSK	DH5	2.888	3.754	76.93%	1.30
BLE	1M	7.965	7.965	100.00%	1.00

Note(s):

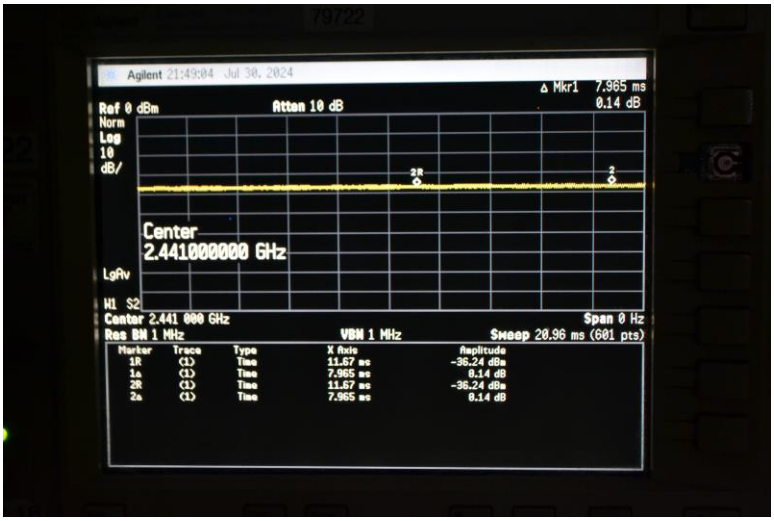
Duty Cycle = (T on / period) * 100%

Duty Cycle plots

GFSK



BLE



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, with 1 MHz channel separation.

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

For NB UNII, there are four use cases:

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

Band	Mode	Maximum Output Power (dBm)															
		NB UNII P_{low}				NB UNII P_{mid}				NB UNII P_{high}				NB UNII $P_{standalone}$			
		ANT5		ANT6		ANT5		ANT6		ANT5		ANT6		ANT5		ANT6	
		Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B
U-NII 1	GFSK	10.0	10.0	10.0	**6.0**	10.0	10.0	10.0	**9.5**	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
	HDR4	**11.0**	**11.0**	11.5	6.0	11.5	11.5	11.5	9.5	11.5	11.5	11.5	**11.5**	11.5	11.5	11.5	11.5
	HDR8	11.0	11.0	**14.0**	6.0	**14.0**	**14.0**	**14.0**	9.5	**14.0**	**14.0**	**14.0**	11.5	**14.0**	**14.0**	**14.0**	**14.0**
U-NII 3	GFSK	**11.0**	**8.5**	**14.5**	**5.0**	**14.5**	**12.0**	**14.5**	**8.5**	**14.5**	**14.5**	**14.5**	**11.5**	**14.5**	**14.5**	**14.5**	**14.5**
	HDR4	11.0	8.5	14.5	5.0	14.5	12.0	14.5	8.5	14.5	14.5	14.5	11.5	14.5	14.5	14.5	14.5
	HDR8	11.0	8.5	14.5	5.0	14.5	12.0	14.5	8.5	14.5	14.5	14.5	11.5	14.5	14.5	14.5	14.5

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		Meas Pwr	Max Output Pwr
U-NII 1	NB UNII P_{low}	ANT5	HDR4	Low	5162	9.9	11.0	HDR4	11.0	11.0
				Mid	5204	10.0	11.0		10.9	11.0
				High	5245	10.0	11.0		11.0	11.0
		ANT6	HDR8	Low	5162	13.2	14.0	BDR	4.7	6.0
				Mid	5204	13.1	14.0		4.6	6.0
				High	5245	13.3	14.0		4.6	6.0
	NB UNII P_{mid}	ANT5	HDR8	Low	5162	13.6	14.0	HDR8	13.6	14.0
				Mid	5204	13.6	14.0		13.6	14.0
				High	5245	13.3	14.0		13.3	14.0
		ANT6	HDR8	Low	5162	13.2	14.0	BDR	8.7	9.5
				Mid	5204	13.1	14.0		8.7	9.5
				High	5245	13.3	14.0		8.8	9.5
	NB UNII P_{high}	ANT5	HDR8	Low	5162	13.6	14.0	HDR8	13.6	14.0
				Mid	5204	13.6	14.0		13.6	14.0
				High	5245	13.3	14.0		13.3	14.0
		ANT6	HDR8	Low	5162	13.2	14.0	HDR4	11.0	11.5
				Mid	5204	13.1	14.0		11.5	11.5
				High	5245	13.3	14.0		11.4	11.5
	NB UNII $P_{standalone}$	ANT5	HDR8	Low	5162	13.6	14.0	HDR8	13.6	14.0
				Mid	5204	13.6	14.0		13.6	14.0
				High	5245	13.3	14.0		13.3	14.0
		ANT6	HDR8	Low	5162	13.2	14.0	HDR8	13.2	14.0
				Mid	5204	13.1	14.0		13.1	14.0
				High	5245	13.3	14.0		13.3	14.0

Band	Power Mode	Antenna	Mode	Ch #	Freq. (MHz)	Power Mode A (dBm)		Mode	Power Mode B (dBm)	
						Meas Pwr	Max Output Pwr		Meas Pwr	Max Output Pwr
U-NII 3	NB UNII P_{low}	ANT5	BDR	Low	5733	9.8	11.0	BDR	7.3	8.5
				Mid	5789	10.0	11.0		7.5	8.5
				High	5844	9.9	11.0		7.5	8.5
		ANT6	BDR	Low	5733	13.0	14.5	BDR	4.5	5.0
				Mid	5789	13.1	14.5		4.8	5.0
				High	5844	12.8	14.5		4.8	5.0
	NB UNII P_{mid}	ANT5	BDR	Low	5733	13.0	14.5	BDR	10.9	12.0
				Mid	5789	13.9	14.5		10.9	12.0
				High	5844	13.1	14.5		10.9	12.0
		ANT6	BDR	Low	5733	13.0	14.5	BDR	8.3	8.5
				Mid	5789	13.1	14.5		8.2	8.5
				High	5844	12.8	14.5		8.2	8.5
	NB UNII P_{high}	ANT5	BDR	Low	5733	13.0	14.5	BDR	13.0	14.5
				Mid	5789	13.9	14.5		13.9	14.5
				High	5844	13.1	14.5		13.1	14.5
		ANT6	BDR	Low	5733	13.0	14.5	BDR	10.3	11.5
				Mid	5789	13.1	14.5		10.5	11.5
				High	5844	12.8	14.5		10.5	11.5
	NB UNII $P_{standalone}$	ANT5	BDR	Low	5733	13.0	14.5	BDR	13.0	14.5
				Mid	5789	13.9	14.5		13.9	14.5
				High	5844	13.1	14.5		13.1	14.5
		ANT6	BDR	Low	5733	13.0	14.5	BDR	13.0	14.5
				Mid	5789	13.1	14.5		13.1	14.5
				High	5844	12.8	14.5		12.8	14.5

Notes:

UNII 1, ANT5 Power Mode A and B for $P_{high,}$ P_{mid} is the same as $P_{Standalone}$
UNII 1, ANT6 Power Mode A for $P_{high,}$ $P_{mid,}$ P_{low} is the same as $P_{Standalone}$
UNII 3, ANT5 Power Mode A for $P_{high,}$ P_{mid} is the same as $P_{Standalone}$
UNII 3, ANT5 Power Mode B for P_{high} is the same as $P_{Standalone}$
UNII 3, ANT6 Power Mode A for $P_{high,}$ $P_{mid,}$ P_{low} is the same as $P_{Standalone}$

Duty Factor Measured Results

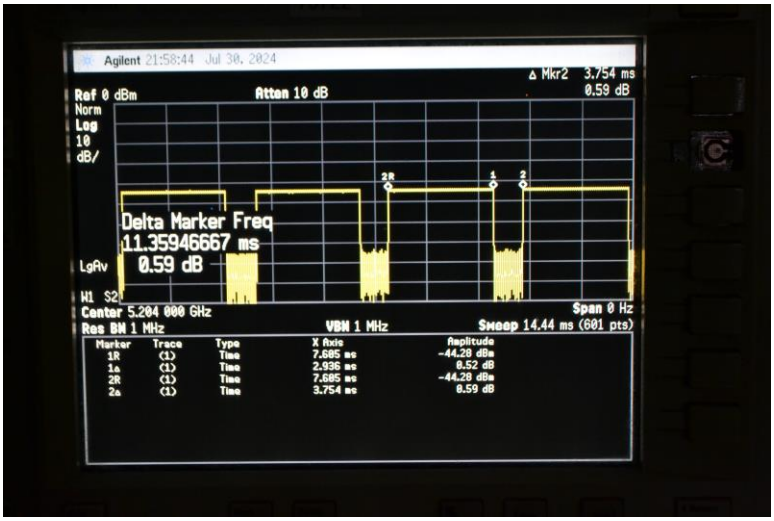
Mode	Type	T on (ms)	Period (ms)	Duty Cycle	Crest Factor (1/duty cycle)
GFSK	DH5	2.936	3.754	78.21%	1.28

Note(s):

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

Duty Cycle plots

GFSK



9.12. MSS (Mobile Satellite Service)

This device supports Mobile Satellite Service with Tx over L-Band (1610 – 1626.5 MHz) and Rx over S-Band (2483.5 – 2500 MHz). Radio Astronomy Zone exclusion requirement is implemented by Geo-fencing in Software. Transmit frequency will be changed based on network direction when Astronomy site location is detected.

Maximum Output Power for MSS

Band	Mode	Ch #	Freq. (MHz)	ANT 1 Power Mode B (dBm)		ANT 4 Power Mode B (dBm)	
				Extremity		Extremity	
				Meas Pwr	Max Power	Meas Pwr	Max Power
MSS L-Band	1-PRB SC-FDMA	262316	1610.1	22.7	24.5	23.6	24.5
		262391	1617.6	22.8	24.5	23.5	24.5
		262466	1625.1	22.7	24.5	23.4	24.5

9.13. 802.15.4

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

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

For 802.15.4, there are three use cases:

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

802.15.4 Measured Results

Power Mode	Antenna	Mode	Ch #	Freq. (MHz)	Power Mode A (dBm)		Power Mode B (dBm)	
					Meas Pwr	Max Output Pwr	Meas Pwr	Max Output Pwr
802.15.4 P_{low}	ANT3	O-QPSK	Low	2405	14.0	14.0	9.5	11.5
			Mid	2440	13.9	14.0	9.5	11.5
			High	2475	14.0	14.0	9.5	11.5
	ANT4	O-QPSK	Low	2405	9.5	10.5	9.5	11.0
			Mid	2440	9.6	10.5	9.6	11.0
			High	2475	9.0	10.5	9.0	11.0
802.15.4 P_{mid}	ANT3	O-QPSK	Low	2405	15.5	16.5	15.0	15.5
			Mid	2440	15.3	16.5	14.9	15.5
			High	2475	15.0	16.5	15.0	15.5
	ANT4	O-QPSK	Low	2405	14.1	14.5	14.1	15.0
			Mid	2440	13.9	14.5	13.9	15.0
			High	2475	14.0	14.5	14.0	15.0
802.15.4 P_{high}	ANT3	O-QPSK	Low	2405	18.1	19.0	17.0	18.0
			Mid	2440	17.8	19.0	16.7	18.0
			High	2475	18.0	19.0	16.9	18.0
	ANT4	O-QPSK	Low	2405	15.6	16.5	16.5	17.5
			Mid	2440	15.4	16.5	16.7	17.5
			High	2475	15.5	16.5	16.7	17.5
802.15.4 $P_{standalone}$	ANT3	O-QPSK	Low	2405	19.5	20.5	19.5	20.5
			Mid	2440	19.3	20.5	19.3	20.5
			High	2475	19.4	20.5	19.4	20.5
	ANT4	O-QPSK	Low	2405	19.0	20.5	19.0	20.5
			Mid	2440	19.2	20.5	19.2	20.5
			High	2475	19.3	20.5	19.3	20.5

Duty Factor Measured Results

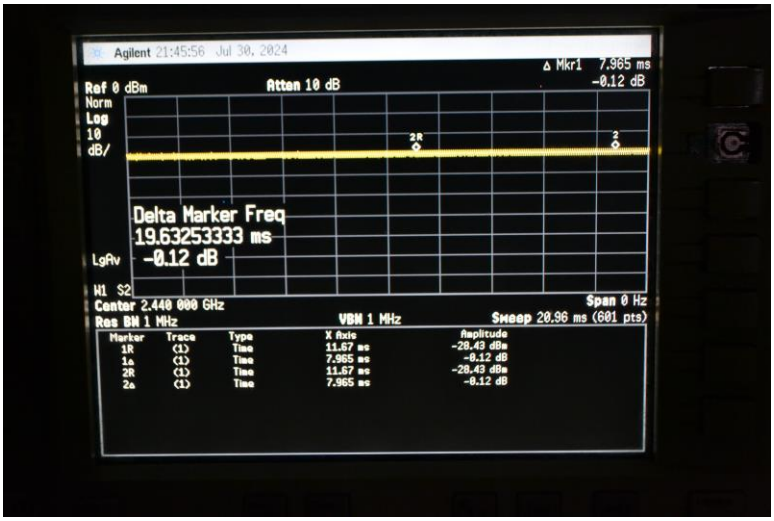
Modulation	T on (ms)	Period (ms)	Duty Cycle	Crest Factor (1/duty cycle)
O-QPSK	7.965	7.965	100.00%	1.00

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 8.9%, which occurs during 1000 kbps connection, with 12 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	1	5728.75	18.27	19.00	16.31	17.25
			18	5786.25	18.57	19.00	16.20	17.25
			30	5846.25	18.82	19.00	16.75	17.25
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	1	5728.75	17.56	19.00	12.61	13.50
			18	5786.25	17.72	19.00	12.79	13.50
			30	5846.25	17.56	19.00	12.67	13.50

Duty Factor Measured Results

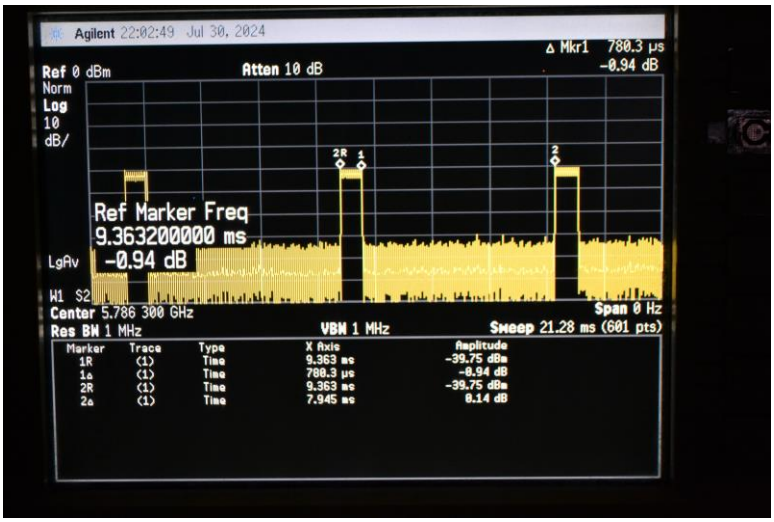
Modulation	Type	T on (ms)	Period (ms)	Duty Cycle	Crest Factor (1/duty cycle)
O-QPSK	Mixed mode	0.78	7.945	9.82%	10.19

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*.

10.1. GSM850

Antenna(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	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	32.4	31.7	0.155	0.182	0.127	0.149	
ANT 1	Head	GPRS 2 Slots	Mode A	0	Left Tilt	190	836.6	32.4	31.7	0.076	0.089	0.063	0.074	
ANT 1	Head	GPRS 2 Slots	Mode A	0	Right Cheek	190	836.6	32.4	31.7	0.183	0.215	0.145	0.170	
ANT 1	Head	GPRS 2 Slots	Mode A	0	Right Tilt	190	836.6	32.4	31.7	0.064	0.075	0.052	0.061	
ANT 1	Body & Hotspot	GPRS 2 Slots	Mode B	5	Back	190	836.6	32.5	31.8	0.588	**0.691**	0.338	0.397	1
ANT 1	Body & Hotspot	GPRS 2 Slots	Mode B	5	Front	190	836.6	32.5	31.8	0.363	0.426	0.227	0.267	
ANT 1	Hotspot	GPRS 2 Slots	Mode B	5	Edge Right	190	836.6	32.5	31.8	0.408	0.479	0.270	0.317	
ANT 1	Hotspot	GPRS 2 Slots	Mode B	5	Edge Bottom	190	836.6	32.5	31.8	0.356	0.418	0.157	0.184	
ANT 1	Hotspot	GPRS 2 Slots	Mode B	5	Edge Left	190	836.6	32.5	31.8	0.154	0.181	0.100	0.117	
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**Channel**	**Freq. (MHz)**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 2	Head	GPRS 2 Slots	Mode A	0	Left Cheek	190	836.6	29.4	28.3	0.335	0.432	0.220	0.283	
ANT 2	Head	GPRS 2 Slots	Mode A	0	Left Tilt	190	836.6	29.4	28.3	0.247	0.318	0.135	0.174	
ANT 2	Head	GPRS 2 Slots	Mode A	0	Right Cheek	190	836.6	29.4	28.3	0.348	**0.448**	0.220	0.283	2
ANT 2	Head	GPRS 2 Slots	Mode A	0	Right Tilt	190	836.6	29.4	28.3	0.272	0.350	0.141	0.182	
ANT 2	Body & Hotspot	GPRS 2 Slots	Mode B	5	Back	190	836.6	31.5	30.4	0.216	0.278	0.136	0.175	
ANT 2	Body & Hotspot	GPRS 2 Slots	Mode B	5	Front	190	836.6	31.5	30.4	0.153	0.197	0.096	0.124	
ANT 2	Hotspot	GPRS 2 Slots	Mode B	5	Edge Top	190	836.6	31.5	30.4	0.122	0.157	0.063	0.081	
ANT 2	Hotspot	GPRS 2 Slots	Mode B	5	Edge Right	190	836.6	31.5	30.4	0.109	0.140	0.071	0.091	
ANT 2	Hotspot	GPRS 2 Slots	Mode B	5	Edge Left	190	836.6	31.5	30.4	0.254	0.327	0.165	0.213	

10.2. GSM1900

Antenna(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	GPRS 2 Slots	Mode A	0	Left Cheek	661	1880	30.0	29.0	0.077	0.097	0.050	0.063	
ANT 1	Head	GPRS 2 Slots	Mode A	0	Left Tilt	661	1880	30.0	29.0	0.074	0.093	0.044	0.055	
ANT 1	Head	GPRS 2 Slots	Mode A	0	Right Cheek	661	1880	30.0	29.0	0.160	0.201	0.103	0.130	
ANT 1	Head	GPRS 2 Slots	Mode A	0	Right Tilt	661	1880	30.0	29.0	0.061	0.077	0.038	0.048	
ANT 1	Body & Hotspot	GPRS 2 Slots	Mode B	5	Back	661	1880	27.7	27.0	0.532	0.625	0.273	0.321	
ANT 1	Body & Hotspot	GPRS 2 Slots	Mode B	5	Front	661	1880	27.7	27.0	0.384	0.451	0.203	0.239	
ANT 1	Hotspot	GPRS 2 Slots	Mode B	5	Edge Right	661	1880	27.7	27.0	0.629	**0.739**	0.289	0.340	3
ANT 1	Hotspot	GPRS 2 Slots	Mode B	5	Edge Bottom	661	1880	27.7	27.0	0.384	0.451	0.192	0.226	
ANT 1	Hotspot	GPRS 2 Slots	Mode B	5	Edge Left	661	1880	27.7	27.0	0.012	0.014	0.006	0.007	
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**Channel**	**Freq. (MHz)**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 2	Head	GPRS 2 Slots	Mode A	0	Left Cheek	661	1880	25.5	24.1	0.145	0.200	0.090	0.124	
ANT 2	Head	GPRS 2 Slots	Mode A	0	Left Tilt	661	1880	25.5	24.1	0.082	0.113	0.046	0.063	
ANT 2	Head	GPRS 2 Slots	Mode A	0	Right Cheek	661	1880	25.5	24.1	0.450	**0.621**	0.260	0.359	4
ANT 2	Head	GPRS 2 Slots	Mode A	0	Right Tilt	661	1880	25.5	24.1	0.389	0.537	0.191	0.264	
ANT 2	Body & Hotspot	GPRS 2 Slots	Mode B	5	Back	661	1880	25.7	24.4	0.482	**0.650**	0.210	0.283	5
ANT 2	Body & Hotspot	GPRS 2 Slots	Mode B	5	Front	661	1880	25.7	24.4	0.251	0.339	0.131	0.177	
ANT 2	Hotspot	GPRS 2 Slots	Mode B	5	Edge Top	661	1880	25.7	24.4	0.184	0.248	0.081	0.109	
ANT 2	Hotspot	GPRS 2 Slots	Mode B	5	Edge Right	661	1880	25.7	24.4	0.009	0.012	0.004	0.005	
ANT 2	Hotspot	GPRS 2 Slots	Mode B	5	Edge Left	661	1880	25.7	24.4	0.304	0.410	0.157	0.212	
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**Channel**	**Freq. (MHz)**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 3	Head	GPRS 2 Slots	Mode A	0	Left Cheek	661	1880	27.3	26.4	0.096	0.118	0.060	0.074	
ANT 3	Head	GPRS 2 Slots	Mode A	0	Left Tilt	661	1880	27.3	26.4	0.052	0.064	0.032	0.039	
ANT 3	Head	GPRS 2 Slots	Mode A	0	Right Cheek	661	1880	27.3	26.4	0.057	0.070	0.038	0.047	
ANT 3	Head	GPRS 2 Slots	Mode A	0	Right Tilt	661	1880	27.3	26.4	0.044	0.054	0.028	0.034	
ANT 3	Body & Hotspot	GPRS 2 Slots	Mode B	5	Back	661	1880	26.7	26.0	0.352	0.414	0.195	0.229	
ANT 3	Body & Hotspot	GPRS 2 Slots	Mode B	5	Front	661	1880	26.7	26.0	0.366	0.430	0.197	0.231	
ANT 3	Hotspot	GPRS 2 Slots	Mode B	5	Edge Bottom	661	1880	26.7	26.0	0.305	0.358	0.165	0.194	
ANT 3	Hotspot	GPRS 2 Slots	Mode B	5	Edge Left	661	1880	26.7	26.0	0.510	0.599	0.261	0.307	
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**Channel**	**Freq. (MHz)**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 4	Head	GPRS 2 Slots	Mode A	0	Left Cheek	661	1880	25.1	23.5	0.426	0.616	0.226	0.327	
ANT 4	Head	GPRS 2 Slots	Mode A	0	Left Tilt	661	1880	25.1	23.5	0.284	0.411	0.149	0.215	
ANT 4	Head	GPRS 2 Slots	Mode A	0	Right Cheek	661	1880	25.1	23.5	0.169	0.244	0.101	0.146	
ANT 4	Head	GPRS 2 Slots	Mode A	0	Right Tilt	661	1880	25.1	23.5	0.139	0.201	0.078	0.113	
ANT 4	Body & Hotspot	GPRS 2 Slots	Mode B	5	Back	661	1880	25.1	23.5	0.390	0.564	0.212	0.306	
ANT 4	Body & Hotspot	GPRS 2 Slots	Mode B	5	Front	661	1880	25.1	23.5	0.251	0.363	0.135	0.195	
ANT 4	Hotspot	GPRS 2 Slots	Mode B	5	Edge Top	661	1880	25.1	23.5	0.178	0.257	0.079	0.114	
ANT 4	Hotspot	GPRS 2 Slots	Mode B	5	Edge Right	661	1880	25.1	23.5	0.417	0.603	0.204	0.295	

10.3. W-CDMA Band II

Antenna(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	Rel. 99	Mode A	0	Left Cheek	9400	1880	24.0	23.1	0.107	0.132	0.070	0.086	
ANT 1	Head	Rel. 99	Mode A	0	Left Tilt	9400	1880	24.0	23.1	0.095	0.117	0.060	0.074	
ANT 1	Head	Rel. 99	Mode A	0	Right Cheek	9400	1880	24.0	23.1	0.190	0.234	0.122	0.150	
ANT 1	Head	Rel. 99	Mode A	0	Right Tilt	9400	1880	24.0	23.1	0.084	0.103	0.052	0.064	
ANT 1	Body & Hotspot	Rel. 99	Mode B	5	Back	9400	1880	21.7	20.8	0.558	0.686	0.286	0.352	
ANT 1	Body & Hotspot	Rel. 99	Mode B	5	Front	9400	1880	21.7	20.8	0.377	0.464	0.200	0.246	
ANT 1	Hotspot	Rel. 99	Mode B	5	Edge Right	9262	1852.4	21.7	20.9	0.638	0.767	0.295	0.355	
ANT 1	Hotspot	Rel. 99	Mode B	5	Edge Right	9400	1880	21.7	20.8	0.662	0.814	0.304	0.374	
ANT 1	Hotspot	Rel. 99	Mode B	5	Edge Right	9538	1907.6	21.7	20.7	0.664	0.836	0.303	0.381	
ANT 1	Hotspot	Rel. 99	Mode B	5	Edge Bottom	9400	1880	21.7	20.8	0.455	0.560	0.225	0.277	
ANT 1	Hotspot	Rel. 99	Mode B	5	Edge Left	9400	1880	21.7	20.8	0.009	0.011	0.004	0.005	
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**Channel**	**Freq. (MHz)**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 2	Head	Rel. 99	Mode A	0	Left Cheek	9400	1880	19.5	18.5	0.221	0.278	0.135	0.170	
ANT 2	Head	Rel. 99	Mode A	0	Left Tilt	9400	1880	19.5	18.5	0.157	0.198	0.091	0.115	
ANT 2	Head	Rel. 99	Mode A	0	Right Cheek	9400	1880	19.5	18.5	0.490	0.617	0.276	0.347	
ANT 2	Head	Rel. 99	Mode A	0	Right Tilt	9400	1880	19.5	18.5	0.422	0.531	0.222	0.279	
ANT 2	Body & Hotspot	Rel. 99	Mode B	5	Back	9262	1852.4	19.7	18.7	0.703	0.885	0.307	0.386	
ANT 2	Body & Hotspot	Rel. 99	Mode B	5	Back	9400	1880	19.7	18.6	0.708	**0.912**	0.306	0.394	6
ANT 2	Body & Hotspot	Rel. 99	Mode B	5	Back	9538	1907.6	19.7	18.9	0.673	0.809	0.289	0.347	
ANT 2	Body & Hotspot	Rel. 99	Mode B	5	Front	9400	1880	19.7	18.6	0.288	0.371	0.151	0.195	
ANT 2	Hotspot	Rel. 99	Mode B	5	Edge Top	9400	1880	19.7	18.6	0.296	0.381	0.130	0.167	
ANT 2	Hotspot	Rel. 99	Mode B	5	Edge Right	9400	1880	19.7	18.6	0.010	0.013	0.006	0.008	
ANT 2	Hotspot	Rel. 99	Mode B	5	Edge Left	9400	1880	19.7	18.6	0.493	0.635	0.263	0.339	
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**Channel**	**Freq. (MHz)**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 3	Head	Rel. 99	Mode A	0	Left Cheek	9400	1880	21.3	20.2	0.171	0.220	0.105	0.135	
ANT 3	Head	Rel. 99	Mode A	0	Left Tilt	9400	1880	21.3	20.2	0.092	0.119	0.054	0.070	
ANT 3	Head	Rel. 99	Mode A	0	Right Cheek	9400	1880	21.3	20.2	0.084	0.108	0.054	0.070	
ANT 3	Head	Rel. 99	Mode A	0	Right Tilt	9400	1880	21.3	20.2	0.068	0.088	0.040	0.052	
ANT 3	Body & Hotspot	Rel. 99	Mode B	5	Back	9400	1880	20.7	19.6	0.502	0.647	0.277	0.357	
ANT 3	Body & Hotspot	Rel. 99	Mode B	5	Front	9400	1880	20.7	19.6	0.557	0.718	0.302	0.389	
ANT 3	Hotspot	Rel. 99	Mode B	5	Edge Bottom	9400	1880	20.7	19.6	0.470	0.605	0.255	0.329	
ANT 3	Hotspot	Rel. 99	Mode B	5	Edge Left	9400	1880	20.7	19.6	0.587	0.756	0.303	0.390	
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**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	19.1	18.1	0.610	0.768	0.329	0.414	
ANT 4	Head	Rel. 99	Mode A	0	Left Cheek	9400	1880	19.1	18.1	0.658	**0.828**	0.362	0.456	7
ANT 4	Head	Rel. 99	Mode A	0	Left Cheek	9538	1907.6	19.1	18.2	0.641	0.789	0.336	0.413	
ANT 4	Head	Rel. 99	Mode A	0	Left Tilt	9400	1880	19.1	18.1	0.331	0.417	0.177	0.223	
ANT 4	Head	Rel. 99	Mode A	0	Right Cheek	9400	1880	19.1	18.1	0.249	0.313	0.145	0.183	
ANT 4	Head	Rel. 99	Mode A	0	Right Tilt	9400	1880	19.1	18.1	0.192	0.242	0.109	0.137	
ANT 4	Body & Hotspot	Rel. 99	Mode B	5	Back	9400	1880	19.1	18.1	0.525	0.661	0.273	0.344	
ANT 4	Body & Hotspot	Rel. 99	Mode B	5	Front	9400	1880	19.1	18.1	0.348	0.438	0.195	0.245	
ANT 4	Hotspot	Rel. 99	Mode B	5	Edge Top	9400	1880	19.1	18.1	0.241	0.303	0.110	0.138	
ANT 4	Hotspot	Rel. 99	Mode B	5	Edge Right	9400	1880	19.1	18.1	0.542	0.682	0.266	0.335	

10.4. W-CDMA Band IV

Antenna(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	Rel. 99	Mode A	0	Left Cheek	1413	1732.6	25.0	24.1	0.094	0.116	0.066	0.081	
ANT 1	Head	Rel. 99	Mode A	0	Left Tilt	1413	1732.6	25.0	24.1	0.080	0.098	0.054	0.066	
ANT 1	Head	Rel. 99	Mode A	0	Right Cheek	1413	1732.6	25.0	24.1	0.158	0.194	0.105	0.129	
ANT 1	Head	Rel. 99	Mode A	0	Right Tilt	1413	1732.6	25.0	24.1	0.107	0.132	0.072	0.089	
ANT 1	Body & Hotspot	Rel. 99	Mode B	5	Back	1413	1732.6	20.8	19.9	0.364	0.448	0.194	0.239	
ANT 1	Body & Hotspot	Rel. 99	Mode B	5	Front	1413	1732.6	20.8	19.9	0.252	0.310	0.141	0.173	
ANT 1	Hotspot	Rel. 99	Mode B	5	Edge Right	1413	1732.6	20.8	19.9	0.343	0.422	0.174	0.214	
ANT 1	Hotspot	Rel. 99	Mode B	5	Edge Bottom	1413	1732.6	20.8	19.9	0.623	0.766	0.298	0.367	
ANT 1	Hotspot	Rel. 99	Mode B	5	Edge Left	1413	1732.6	20.8	19.9	0.030	0.037	0.016	0.020	
Antenna(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	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	18.7	17.6	0.587	0.756	0.274	0.353	
ANT 2	Head	Rel. 99	Mode A	0	Left Tilt	1413	1732.6	18.7	17.6	0.597	0.769	0.277	0.357	
ANT 2	Head	Rel. 99	Mode A	0	Right Cheek	1312	1712.4	18.7	17.5	0.660	0.870	0.311	0.410	
ANT 2	Head	Rel. 99	Mode A	0	Right Cheek	1413	1732.6	18.7	17.6	0.674	0.868	0.320	0.412	
ANT 2	Head	Rel. 99	Mode A	0	Right Cheek	1513	1752.6	18.7	17.6	0.610	0.786	0.296	0.381	
ANT 2	Head	Rel. 99	Mode A	0	Right Tilt	1312	1712.4	18.7	17.5	0.734	**0.968**	0.336	0.443	8
ANT 2	Head	Rel. 99	Mode A	0	Right Tilt	1413	1732.6	18.7	17.6	0.704	0.907	0.327	0.421	
ANT 2	Head	Rel. 99	Mode A	0	Right Tilt	1513	1752.6	18.7	17.6	0.655	0.844	0.306	0.394	
ANT 2	Body & Hotspot	Rel. 99	Mode B	5	Back	1413	1732.6	17.8	16.7	0.502	0.647	0.249	0.321	
ANT 2	Body & Hotspot	Rel. 99	Mode B	5	Front	1413	1732.6	17.8	16.7	0.436	0.562	0.208	0.268	
ANT 2	Hotspot	Rel. 99	Mode B	5	Edge Top	1312	1712.4	17.8	16.6	0.650	0.857	0.298	0.393	
ANT 2	Hotspot	Rel. 99	Mode B	5	Edge Top	1413	1732.6	17.8	16.7	0.700	**0.902**	0.322	0.415	9
ANT 2	Hotspot	Rel. 99	Mode B	5	Edge Top	1513	1752.6	17.8	16.7	0.681	0.877	0.314	0.405	
ANT 2	Hotspot	Rel. 99	Mode B	5	Edge Right	1413	1732.6	17.8	16.7	0.002	0.003	0.000	0.000	
ANT 2	Hotspot	Rel. 99	Mode B	5	Edge Left	1413	1732.6	17.8	16.7	0.132	0.170	0.066	0.085	
Antenna(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	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	22.9	21.9	0.170	0.214	0.111	0.140	
ANT 3	Head	Rel. 99	Mode A	0	Left Tilt	1413	1732.6	22.9	21.9	0.103	0.130	0.068	0.086	
ANT 3	Head	Rel. 99	Mode A	0	Right Cheek	1413	1732.6	22.9	21.9	0.082	0.103	0.056	0.070	
ANT 3	Head	Rel. 99	Mode A	0	Right Tilt	1413	1732.6	22.9	21.9	0.077	0.097	0.051	0.064	
ANT 3	Body & Hotspot	Rel. 99	Mode B	5	Back	1413	1732.6	20.0	19.0	0.540	0.680	0.267	0.336	
ANT 3	Body & Hotspot	Rel. 99	Mode B	5	Front	1413	1732.6	20.0	19.0	0.459	0.578	0.232	0.292	
ANT 3	Hotspot	Rel. 99	Mode B	5	Edge Bottom	1413	1732.6	20.0	19.0	0.224	0.282	0.125	0.157	
ANT 3	Hotspot	Rel. 99	Mode B	5	Edge Left	1413	1732.6	20.0	19.0	0.459	0.578	0.222	0.279	
Antenna(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	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	18.7	18.3	0.711	0.780	0.358	0.393	
ANT 4	Head	Rel. 99	Mode A	0	Left Cheek	1413	1732.6	18.7	18.5	0.829	0.868	0.406	0.425	
ANT 4	Head	Rel. 99	Mode A	0	Left Cheek	1513	1752.6	18.7	18.4	0.891	0.955	0.420	0.450	
ANT 4	Head	Rel. 99	Mode A	0	Left Tilt	1413	1732.6	18.7	18.5	0.393	0.412	0.208	0.218	
ANT 4	Head	Rel. 99	Mode A	0	Right Cheek	1413	1732.6	18.7	18.5	0.256	0.268	0.150	0.157	
ANT 4	Head	Rel. 99	Mode A	0	Right Tilt	1413	1732.6	18.7	18.5	0.154	0.161	0.089	0.093	
ANT 4	Body & Hotspot	Rel. 99	Mode B	5	Back	1413	1732.6	20.0	18.9	0.598	**0.770**	0.301	0.388	10
ANT 4	Body & Hotspot	Rel. 99	Mode B	5	Front	1413	1732.6	20.0	18.9	0.458	0.590	0.241	0.310	
ANT 4	Hotspot	Rel. 99	Mode B	5	Edge Top	1413	1732.6	20.0	18.9	0.283	0.365	0.125	0.161	
ANT 4	Hotspot	Rel. 99	Mode B	5	Edge Right	1312	1712.4	20.0	18.7	0.660	0.890	0.321	0.433	
ANT 4	Hotspot	Rel. 99	Mode B	5	Edge Right	1413	1732.6	20.0	18.9	0.695	0.895	0.335	0.432	
ANT 4	Hotspot	Rel. 99	Mode B	5	Edge Right	1513	1752.6	20.0	18.8	0.670	0.883	0.316	0.417	

10.5. W-CDMA Band V

Antenna(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	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	24.7	0.162	0.204	0.133	0.167	
ANT 1	Head	Rel. 99	Mode A	0	Left Tilt	4183	836.6	25.7	24.7	0.103	0.130	0.085	0.107	
ANT 1	Head	Rel. 99	Mode A	0	Right Cheek	4183	836.6	25.7	24.7	0.176	0.222	0.139	0.175	
ANT 1	Head	Rel. 99	Mode A	0	Right Tilt	4183	836.6	25.7	24.7	0.086	0.108	0.070	0.088	
ANT 1	Body & Hotspot	Rel. 99	Mode B	5	Back	4183	836.6	25.7	24.7	0.561	**0.706**	0.332	0.418	11
ANT 1	Body & Hotspot	Rel. 99	Mode B	5	Front	4183	836.6	25.7	24.7	0.349	0.439	0.221	0.278	
ANT 1	Hotspot	Rel. 99	Mode B	5	Edge Right	4183	836.6	25.7	24.7	0.505	0.636	0.340	0.428	
ANT 1	Hotspot	Rel. 99	Mode B	5	Edge Bottom	4183	836.6	25.7	24.7	0.384	0.483	0.169	0.213	
ANT 1	Hotspot	Rel. 99	Mode B	5	Edge Left	4183	836.6	25.7	24.7	0.246	0.310	0.165	0.208	
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**Channel**	**Freq. (MHz)**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 2	Head	Rel. 99	Mode A	0	Left Cheek	4183	836.6	23.4	22.2	0.443	0.584	0.290	0.382	
ANT 2	Head	Rel. 99	Mode A	0	Left Tilt	4183	836.6	23.4	22.2	0.329	0.434	0.188	0.248	
ANT 2	Head	Rel. 99	Mode A	0	Right Cheek	4132	826.4	23.4	22.3	0.637	0.821	0.423	0.545	
ANT 2	Head	Rel. 99	Mode A	0	Right Cheek	4183	836.6	23.4	22.2	0.638	**0.841**	0.408	0.538	12
ANT 2	Head	Rel. 99	Mode A	0	Right Cheek	4233	846.6	23.4	22.3	0.496	0.639	0.329	0.424	
ANT 2	Head	Rel. 99	Mode A	0	Right Tilt	4183	836.6	23.4	22.2	0.347	0.457	0.183	0.241	
ANT 2	Body & Hotspot	Rel. 99	Mode B	5	Back	4183	836.6	25.2	24.0	0.466	0.614	0.293	0.386	
ANT 2	Body & Hotspot	Rel. 99	Mode B	5	Front	4183	836.6	25.2	24.0	0.323	0.426	0.205	0.270	
ANT 2	Hotspot	Rel. 99	Mode B	5	Edge Top	4183	836.6	25.2	24.0	0.237	0.312	0.124	0.163	
ANT 2	Hotspot	Rel. 99	Mode B	5	Edge Right	4183	836.6	25.2	24.0	0.167	0.220	0.108	0.142	
ANT 2	Hotspot	Rel. 99	Mode B	5	Edge Left	4183	836.6	25.2	24.0	0.389	0.513	0.255	0.336	

10.6. LTE Band 5 (10MHz Bandwidth)

Antenna(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	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	24.9	0.159	0.191	0.129	0.155	
ANT 1	Head	QPSK	Mode A	0	Left Cheek	20525	836.5	25	12	24.7	24.3	0.133	0.146	0.108	0.118	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	20525	836.5	1	25	25.7	24.9	0.096	0.115	0.080	0.096	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	20525	836.5	25	12	24.7	24.3	0.085	0.093	0.071	0.078	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	20525	836.5	1	25	25.7	24.9	0.200	0.240	0.154	0.185	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	20525	836.5	25	12	24.7	24.3	0.156	0.171	0.127	0.139	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	20525	836.5	1	25	25.7	24.9	0.110	0.132	0.089	0.107	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	20525	836.5	25	12	24.7	24.3	0.097	0.106	0.081	0.089	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	20525	836.5	1	25	25.7	24.9	0.533	**0.641**	0.309	0.371	13
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	20525	836.5	25	12	24.7	24.3	0.489	0.536	0.283	0.310	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	20525	836.5	1	25	25.7	24.9	0.295	0.355	0.186	0.224	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	20525	836.5	25	12	24.7	24.3	0.319	0.350	0.198	0.217	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	20525	836.5	1	25	25.7	24.9	0.460	0.553	0.304	0.365	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	20525	836.5	25	12	24.7	24.3	0.407	0.446	0.271	0.297	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	20525	836.5	1	25	25.7	24.9	0.328	0.394	0.142	0.171	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	20525	836.5	25	12	24.7	24.3	0.285	0.312	0.123	0.135	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	20525	836.5	1	25	25.7	24.9	0.235	0.283	0.155	0.186	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	20525	836.5	25	12	24.7	24.3	0.200	0.219	0.132	0.145	
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**Channel**	**Freq. (MHz)**	**RB Allocation**	**RB Offset**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 2	Head	QPSK	Mode A	0	Left Cheek	20525	836.5	1	25	23.4	22.1	0.495	0.668	0.325	0.438	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	20525	836.5	25	12	23.4	22.2	0.502	0.662	0.306	0.403	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	20525	836.5	1	25	23.4	22.1	0.333	0.449	0.188	0.254	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	20525	836.5	25	12	23.4	22.2	0.341	0.450	0.192	0.253	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	20525	836.5	1	25	23.4	22.1	0.556	**0.750**	0.353	0.476	14
ANT 2	Head	QPSK	Mode A	0	Right Cheek	20525	836.5	25	12	23.4	22.2	0.568	0.749	0.361	0.476	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	20525	836.5	1	25	23.4	22.1	0.328	0.442	0.189	0.255	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	20525	836.5	25	12	23.4	22.2	0.338	0.446	0.187	0.247	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	20525	836.5	1	25	25.2	23.9	0.439	0.592	0.275	0.371	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	20525	836.5	25	12	24.2	23.2	0.378	0.476	0.236	0.297	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	20525	836.5	1	25	25.2	23.9	0.318	0.429	0.200	0.270	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	20525	836.5	25	12	24.2	23.2	0.275	0.346	0.173	0.218	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	20525	836.5	1	25	25.2	23.9	0.215	0.290	0.112	0.151	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	20525	836.5	25	12	24.2	23.2	0.189	0.238	0.098	0.123	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	20525	836.5	1	25	25.2	23.9	0.162	0.219	0.105	0.142	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	20525	836.5	25	12	24.2	23.2	0.143	0.180	0.093	0.117	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	20525	836.5	1	25	25.2	23.9	0.397	0.536	0.259	0.349	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	20525	836.5	25	12	24.2	23.2	0.348	0.438	0.227	0.286	

UL CA 5B

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position(s)	PCC UL				SCC UL				Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
						Ch #.	Freq. (MHz)	RB Allocation	RB Offset	Ch #.	Freq. (MHz)	RB Allocation	RB Offset	Tune-up limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	20476	831.6	1	49	20575	841.5	1	0	25.7	24.7	0.179	0.225	0.138	0.174	.
	Body & Hotspot	QPSK	Mode B	5	Back	20476	831.6	1	49	20575	841.5	1	0	25.7	24.7	0.538	0.685	0.321	0.409	.
Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position(s)	PCC UL				SCC UL				Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
						Ch #.	Freq. (MHz)	RB Allocation	RB Offset	Ch #.	Freq. (MHz)	RB Allocation	RB Offset	Tune-up limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	20476	831.6	1	49	20575	841.5	1	0	23.4	22.2	0.666	0.888	0.387	0.516	.
	Body & Hotspot	QPSK	Mode B	5	Back	20476	831.6	1	49	20575	841.5	1	0	25.2	24.0	0.505	0.661	0.313	0.410	.

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(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	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	0	22.0	20.8	0.051	0.067	0.029	0.038	
ANT 1	Head	QPSK	Mode A	0	Left Cheek	21100	2535	50	50	22.0	20.9	0.051	0.066	0.029	0.037	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	21100	2535	1	0	22.0	20.8	0.047	0.062	0.024	0.032	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	21100	2535	50	50	22.0	20.9	0.049	0.063	0.025	0.032	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	21100	2535	1	0	22.0	20.8	0.093	0.123	0.049	0.065	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	21100	2535	50	50	22.0	20.9	0.089	0.115	0.046	0.059	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	21100	2535	1	0	22.0	20.8	0.037	0.049	0.019	0.025	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	21100	2535	50	50	22.0	20.9	0.039	0.050	0.020	0.026	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	21100	2535	1	0	20.8	19.6	0.460	0.606	0.195	0.257	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	21100	2535	50	50	20.8	19.7	0.452	0.582	0.191	0.246	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	21100	2535	1	0	20.8	19.6	0.214	0.282	0.097	0.128	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	21100	2535	50	50	20.8	19.7	0.198	0.255	0.089	0.115	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	21100	2535	1	0	20.8	19.6	0.579	0.763	0.244	0.322	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	21100	2535	50	50	20.8	19.7	0.557	0.718	0.232	0.299	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	21100	2535	1	0	20.8	19.6	0.235	0.310	0.091	0.120	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	21100	2535	50	50	20.8	19.7	0.229	0.295	0.088	0.113	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	21100	2535	1	0	20.8	19.6	0.074	0.098	0.034	0.045	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	21100	2535	50	50	20.8	19.7	0.072	0.093	0.033	0.043	
Antenna(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 2	Head	QPSK	Mode A	0	Left Cheek	21100	2535	1	49	17.7	16.2	0.433	0.612	0.148	0.209	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	21100	2535	50	0	17.7	16.2	0.447	0.631	0.162	0.229	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	21100	2535	1	49	17.7	16.2	0.467	0.660	0.168	0.237	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	21100	2535	50	0	17.7	16.2	0.476	0.672	0.172	0.243	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	21100	2535	1	49	17.7	16.2	0.458	0.647	0.184	0.260	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	21100	2535	50	0	17.7	16.2	0.463	0.654	0.186	0.263	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	21100	2535	1	49	17.7	16.2	0.445	0.629	0.167	0.236	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	21100	2535	50	0	17.7	16.2	0.458	0.647	0.171	0.242	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	21100	2535	1	49	18.3	16.7	0.461	0.666	0.208	0.301	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	21100	2535	50	0	18.3	16.8	0.470	0.664	0.210	0.297	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	21100	2535	1	49	18.3	16.7	0.341	0.493	0.144	0.208	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	21100	2535	50	0	18.3	16.8	0.347	0.490	0.147	0.208	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	20850	2510	1	0	18.3	16.8	0.587	0.829	0.214	0.302	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	20850	2510	50	24	18.3	16.8	0.618	0.873	0.223	0.315	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	20850	2510	100	0	18.3	16.9	0.601	0.830	0.217	0.300	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	21100	2535	1	49	18.3	16.7	0.584	0.844	0.210	0.304	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	21100	2535	50	0	18.3	16.8	0.588	0.831	0.213	0.301	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	21350	2560	1	99	18.3	16.8	0.639	0.903	0.225	0.318	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	21350	2560	50	24	18.3	16.8	0.663	**0.937**	0.235	0.332	15
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	21100	2535	1	49	18.3	16.7	0.030	0.043	0.015	0.022	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	21100	2535	50	0	18.3	16.8	0.030	0.042	0.015	0.021	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	21100	2535	1	49	18.3	16.7	0.521	0.753	0.226	0.327	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	21100	2535	50	0	18.3	16.8	0.526	0.743	0.228	0.322	
Antenna(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	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	0	21.4	20.5	0.172	0.212	0.097	0.119	
ANT 3	Head	QPSK	Mode A	0	Left Cheek	21100	2535	50	0	21.4	20.5	0.172	0.212	0.098	0.121	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	21100	2535	1	0	21.4	20.5	0.083	0.102	0.045	0.055	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	21100	2535	50	0	21.4	20.5	0.081	0.100	0.044	0.054	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	21100	2535	1	0	21.4	20.5	0.093	0.114	0.053	0.065	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	21100	2535	50	0	21.4	20.5	0.095	0.117	0.053	0.065	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	21100	2535	1	0	21.4	20.5	0.115	0.141	0.059	0.073	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	21100	2535	50	0	21.4	20.5	0.114	0.140	0.059	0.073	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	21100	2535	1	0	19.3	18.4	0.407	0.501	0.187	0.230	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	21100	2535	50	24	19.3	18.5	0.441	0.530	0.199	0.239	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	21100	2535	1	0	19.3	18.4	0.457	0.562	0.218	0.268	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	21100	2535	50	24	19.3	18.5	0.470	0.565	0.222	0.267	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	21100	2535	1	0	19.3	18.4	0.222	0.273	0.105	0.129	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	21100	2535	50	24	19.3	18.5	0.230	0.277	0.108	0.130	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	21100	2535	1	0	19.3	18.4	0.466	0.573	0.218	0.268	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	21100	2535	50	24	19.3	18.5	0.470	0.565	0.219	0.263	

Antenna(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	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	21100	2535	1	99	18.7	17.3	0.558	0.770	0.266	0.367	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	21100	2535	50	24	18.7	17.4	0.584	**0.788**	0.280	0.378	16
ANT 4	Head	QPSK	Mode A	0	Left Tilt	21100	2535	1	99	18.7	17.3	0.358	0.494	0.168	0.232	
ANT 4	Head	QPSK	Mode A	0	Left Tilt	21100	2535	50	24	18.7	17.4	0.369	0.498	0.173	0.233	
ANT 4	Head	QPSK	Mode A	0	Right Cheek	21100	2535	1	99	18.7	17.3	0.180	0.248	0.097	0.134	
ANT 4	Head	QPSK	Mode A	0	Right Cheek	21100	2535	50	24	18.7	17.4	0.187	0.252	0.102	0.138	
ANT 4	Head	QPSK	Mode A	0	Right Tilt	21100	2535	1	99	18.7	17.3	0.143	0.197	0.072	0.099	
ANT 4	Head	QPSK	Mode A	0	Right Tilt	21100	2535	50	24	18.7	17.4	0.149	0.201	0.074	0.100	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	21100	2535	1	0	19.6	19.4	0.716	**0.750**	0.384	0.402	17
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	21100	2535	50	0	19.6	19.4	0.676	0.708	0.360	0.377	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Front	21100	2535	1	0	19.6	19.4	0.467	0.489	0.238	0.249	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Front	21100	2535	50	0	19.6	19.4	0.469	0.491	0.241	0.252	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Top	21100	2535	1	0	19.6	19.4	0.262	0.274	0.109	0.114	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Top	21100	2535	50	0	19.6	19.4	0.251	0.263	0.105	0.110	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	20850	2510	1	49	19.6	19.5	0.871	0.891	0.400	0.409	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	20850	2510	50	24	19.6	19.6	0.839	0.839	0.385	0.385	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	20850	2510	100	0	19.6	19.5	0.838	0.858	0.383	0.392	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	21100	2535	1	0	19.6	19.4	0.771	0.807	0.351	0.368	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	21100	2535	50	0	19.6	19.4	0.746	0.781	0.336	0.352	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	21350	2560	1	99	19.6	19.5	0.816	0.835	0.361	0.369	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	21350	2560	50	50	19.6	19.6	0.830	0.830	0.369	0.369	

UL CA 7C

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position(s)	PCC UL				SCC UL				Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
						Ch #.	Freq. (MHz)	RB Allocation	RB Offset	Ch #.	Freq. (MHz)	RB Allocation	RB Offset	Tune-up limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	21001	2525.1	1	99	21199	2544.9	1	0	22.0	21.0	0.096	0.121	0.052	0.065	.
	Body & Hotspot	QPSK	Mode B	5	Back	21001	2525.1	1	99	21199	2544.9	1	0	20.8	19.8	0.470	0.592	0.199	0.251	.
	Hotspot	QPSK	Mode B	5	Edge Right	21001	2525.1	1	99	21199	2544.9	1	0	20.8	19.8	0.658	0.828	0.273	0.344	.

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position(s)	PCC UL				SCC UL				Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
						Ch #.	Freq. (MHz)	RB Allocation	RB Offset	Ch #.	Freq. (MHz)	RB Allocation	RB Offset	Tune-up limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	21001	2525.1	1	99	21199	2544.9	1	0	17.7	16.5	0.447	0.589	0.171	0.225	.
	Body & Hotspot	QPSK	Mode B	5	Back	21001	2525.1	1	99	21199	2544.9	1	0	18.3	17.1	0.554	0.730	0.239	0.315	.
	Hotspot	QPSK	Mode B	5	Edge Top	21152	2540.2	1	99	21350	2560	1	0	18.3	17.1	0.616	0.812	0.225	0.297	.

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position(s)	PCC UL				SCC UL				Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
						Ch #.	Freq. (MHz)	RB Allocation	RB Offset	Ch #.	Freq. (MHz)	RB Allocation	RB Offset	Tune-up limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT 3	Head	QPSK	Mode A	0	Left Cheek	21001	2525.1	1	99	21199	2544.9	1	0	21.4	20.3	0.195	0.251	0.109	0.140	.
	Body & Hotspot	QPSK	Mode B	5	Front	21001	2525.1	1	99	21199	2544.9	1	0	19.3	18.2	0.468	0.603	0.225	0.290	.
	Hotspot	QPSK	Mode B	5	Edge Left	21001	2525.1	1	99	21199	2544.9	1	0	19.3	18.2	0.378	0.487	0.178	0.229	.

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position(s)	PCC UL				SCC UL				Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
						Ch #.	Freq. (MHz)	RB Allocation	RB Offset	Ch #.	Freq. (MHz)	RB Allocation	RB Offset	Tune-up limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	21001	2525.1	1	99	21199	2544.9	1	0	18.7	17.6	0.572	0.737	0.279	0.359	.
	Body & Hotspot	QPSK	Mode B	5	Back	21001	2525.1	1	99	21199	2544.9	1	0	20.0	19.0	0.785	0.988	0.411	0.517	.
	Hotspot	QPSK	Mode B	5	Edge Right	20850	2510	1	99	21048	2529.8	1	0	20.0	19.0	0.616	0.775	0.285	0.359	.

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(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	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	24.9	0.159	0.191	0.123	0.148	
ANT 1	Head	QPSK	Mode A	0	Left Cheek	23095	707.5	25	12	24.7	24.2	0.133	0.149	0.103	0.116	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	23095	707.5	1	25	25.7	24.9	0.069	0.083	0.055	0.066	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	23095	707.5	25	12	24.7	24.2	0.057	0.064	0.046	0.052	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	23095	707.5	1	25	25.7	24.9	0.149	0.179	0.116	0.139	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	23095	707.5	25	12	24.7	24.2	0.126	0.141	0.099	0.111	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	23095	707.5	1	25	25.7	24.9	0.049	0.059	0.040	0.048	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	23095	707.5	25	12	24.7	24.2	0.041	0.046	0.033	0.037	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	23095	707.5	1	25	25.7	24.9	0.481	**0.578**	0.295	0.355	18
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	23095	707.5	25	12	24.7	24.2	0.408	0.458	0.253	0.284	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	23095	707.5	1	25	25.7	24.9	0.300	0.361	0.196	0.236	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	23095	707.5	25	12	24.7	24.2	0.265	0.297	0.172	0.193	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	23095	707.5	1	25	25.7	24.9	0.689	**0.828**	0.454	0.546	19
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	23095	707.5	25	12	24.7	24.2	0.587	0.659	0.387	0.434	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	23095	707.5	1	25	25.7	24.9	0.248	0.298	0.108	0.130	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	23095	707.5	25	12	24.7	24.2	0.212	0.238	0.091	0.102	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	23095	707.5	1	25	25.7	24.9	0.429	0.516	0.282	0.339	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	23095	707.5	25	12	24.7	24.2	0.364	0.408	0.239	0.268	
Antenna(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	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	25.2	23.3	0.503	0.779	0.308	0.477	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	23095	707.5	25	12	24.2	23.3	0.424	0.522	0.263	0.324	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	23095	707.5	1	25	25.2	24.1	0.515	0.663	0.273	0.352	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	23095	707.5	25	12	24.2	23.3	0.433	0.533	0.231	0.284	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	23095	707.5	1	25	25.2	24.1	0.636	**0.819**	0.393	0.506	20
ANT 2	Head	QPSK	Mode A	0	Right Cheek	23095	707.5	25	12	24.2	23.3	0.546	0.672	0.338	0.416	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	23095	707.5	1	25	25.2	24.1	0.609	0.785	0.318	0.410	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	23095	707.5	25	12	24.2	23.3	0.519	0.639	0.271	0.333	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	23095	707.5	1	25	25.2	24.1	0.389	0.501	0.236	0.304	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	23095	707.5	25	12	24.2	23.3	0.330	0.406	0.200	0.246	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	23095	707.5	1	25	25.2	24.1	0.281	0.362	0.173	0.223	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	23095	707.5	25	12	24.2	23.3	0.240	0.295	0.147	0.181	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	23095	707.5	1	25	25.2	24.1	0.259	0.334	0.129	0.166	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	23095	707.5	25	12	24.2	23.3	0.225	0.277	0.112	0.138	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	23095	707.5	1	25	25.2	24.1	0.178	0.229	0.119	0.153	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	23095	707.5	25	12	24.2	23.3	0.153	0.188	0.102	0.125	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	23095	707.5	1	25	25.2	24.1	0.379	0.488	0.253	0.326	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	23095	707.5	25	12	24.2	23.3	0.314	0.386	0.210	0.258	

10.9. LTE Band 13 (10MHz Bandwidth)

Antenna(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	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	24.8	0.161	0.198	0.126	0.155	
ANT 1	Head	QPSK	Mode A	0	Left Cheek	23230	782	25	12	24.7	24.1	0.136	0.156	0.105	0.121	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	23230	782	1	25	25.7	24.8	0.079	0.097	0.063	0.078	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	23230	782	25	12	24.7	24.1	0.067	0.077	0.053	0.061	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	23230	782	1	25	25.7	24.8	0.173	0.213	0.135	0.166	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	23230	782	25	12	24.7	24.1	0.149	0.171	0.117	0.134	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	23230	782	1	25	25.7	24.8	0.085	0.105	0.069	0.085	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	23230	782	25	12	24.7	24.1	0.072	0.083	0.058	0.067	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	23230	782	1	25	25.7	24.8	0.457	**0.562**	0.282	0.347	21
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	23230	782	25	12	24.7	24.1	0.396	0.455	0.243	0.279	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	23230	782	1	25	25.7	24.8	0.300	0.369	0.189	0.233	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	23230	782	25	12	24.7	24.1	0.259	0.297	0.163	0.187	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	23230	782	1	25	25.7	24.8	0.663	**0.816**	0.437	0.538	22
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	23230	782	25	12	24.7	24.1	0.574	0.659	0.378	0.434	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	23230	782	1	25	25.7	24.8	0.185	0.228	0.078	0.096	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	23230	782	25	12	24.7	24.1	0.163	0.187	0.069	0.079	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	23230	782	1	25	25.7	24.8	0.494	0.608	0.325	0.400	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	23230	782	25	12	24.7	24.1	0.424	0.487	0.278	0.319	
Antenna(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 2	Head	QPSK	Mode A	0	Left Cheek	23230	782	1	25	23.4	22.2	0.412	0.543	0.267	0.352	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	23230	782	25	12	23.4	22.2	0.414	0.546	0.271	0.357	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	23230	782	1	25	23.4	22.2	0.319	0.421	0.185	0.244	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	23230	782	25	12	23.4	22.2	0.325	0.428	0.186	0.245	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	23230	782	1	25	23.4	22.2	0.506	**0.667**	0.328	0.432	23
ANT 2	Head	QPSK	Mode A	0	Right Cheek	23230	782	25	12	23.4	22.2	0.505	0.666	0.328	0.432	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	23230	782	1	25	23.4	22.2	0.336	0.443	0.190	0.250	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	23230	782	25	12	23.4	22.2	0.338	0.446	0.193	0.254	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	23230	782	1	25	25.2	24.0	0.385	0.508	0.244	0.322	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	23230	782	25	12	24.2	23.3	0.332	0.408	0.210	0.258	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	23230	782	1	25	25.2	24.0	0.284	0.374	0.180	0.237	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	23230	782	25	12	24.2	23.3	0.242	0.298	0.154	0.189	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	23230	782	1	25	25.2	24.0	0.246	0.324	0.124	0.163	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	23230	782	25	12	24.2	23.3	0.213	0.262	0.108	0.133	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	23230	782	1	25	25.2	24.0	0.139	0.183	0.091	0.120	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	23230	782	25	12	24.2	23.3	0.118	0.145	0.077	0.095	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	23230	782	1	25	25.2	24.0	0.460	0.606	0.306	0.403	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	23230	782	25	12	24.2	23.3	0.388	0.477	0.258	0.317	

10.10. LTE Band 14 (10MHz Bandwidth)

Antenna(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	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	24.8	0.164	0.202	0.128	0.157	
ANT 1	Head	QPSK	Mode A	0	Left Cheek	23330	793	25	12	24.7	24.0	0.144	0.169	0.112	0.132	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	23330	793	1	25	25.7	24.8	0.090	0.111	0.072	0.089	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	23330	793	25	12	24.7	24.0	0.078	0.092	0.062	0.073	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	23330	793	1	25	25.7	24.8	0.177	0.218	0.139	0.171	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	23330	793	25	12	24.7	24.0	0.152	0.179	0.119	0.140	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	23330	793	1	25	25.7	24.8	0.099	0.122	0.080	0.098	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	23330	793	25	12	24.7	24.0	0.084	0.099	0.068	0.080	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	23330	793	1	25	25.7	24.8	0.438	0.539	0.265	0.326	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	23330	793	25	12	24.7	24.0	0.384	0.451	0.232	0.273	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	23330	793	1	25	25.7	24.8	0.283	0.348	0.178	0.219	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	23330	793	25	12	24.7	24.0	0.244	0.287	0.154	0.181	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	23330	793	1	25	25.7	24.8	0.780	**0.960**	0.513	0.631	24
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	23330	793	25	12	24.7	24.0	0.673	0.791	0.443	0.520	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	23330	793	1	25	25.7	24.8	0.216	0.266	0.096	0.118	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	23330	793	25	12	24.7	24.0	0.185	0.217	0.083	0.098	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	23330	793	1	25	25.7	24.8	0.587	0.722	0.386	0.475	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	23330	793	25	12	24.7	24.0	0.510	0.599	0.335	0.394	
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**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	0	25.2	23.8	0.531	0.733	0.354	0.489	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	23330	793	25	12	24.2	23.2	0.451	0.568	0.300	0.378	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	23330	793	1	0	25.2	23.8	0.430	0.594	0.241	0.333	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	23330	793	25	12	24.2	23.2	0.355	0.447	0.199	0.251	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	23330	793	1	0	25.2	23.8	0.643	**0.888**	0.404	0.558	25
ANT 2	Head	QPSK	Mode A	0	Right Cheek	23330	793	25	12	24.2	23.2	0.536	0.675	0.335	0.422	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	23330	793	1	0	25.2	23.8	0.510	0.704	0.285	0.393	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	23330	793	25	12	24.2	23.2	0.412	0.519	0.229	0.288	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	23330	793	1	0	25.2	23.8	0.410	**0.566**	0.257	0.355	26
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	23330	793	25	12	24.2	23.2	0.348	0.438	0.218	0.274	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	23330	793	1	0	25.2	23.8	0.291	0.402	0.184	0.254	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	23330	793	25	12	24.2	23.2	0.245	0.308	0.155	0.195	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	23330	793	1	0	25.2	23.8	0.246	0.340	0.125	0.173	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	23330	793	25	12	24.2	23.2	0.209	0.263	0.106	0.133	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	23330	793	1	0	25.2	23.8	0.148	0.204	0.096	0.133	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	23330	793	25	12	24.2	23.2	0.121	0.152	0.079	0.099	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	23330	793	1	0	25.2	23.8	0.410	0.566	0.269	0.371	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	23330	793	25	12	24.2	23.2	0.346	0.436	0.227	0.286	

10.11. LTE Band 25 (20MHz Bandwidth)

Antenna(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	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	0	24.0	23.0	0.110	0.138	0.070	0.088	
ANT 1	Head	QPSK	Mode A	0	Left Cheek	26365	1882.5	50	50	24.0	23.0	0.100	0.126	0.064	0.081	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	26365	1882.5	1	0	24.0	23.0	0.062	0.078	0.037	0.047	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	26365	1882.5	50	50	24.0	23.0	0.060	0.076	0.036	0.045	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	26365	1882.5	1	0	24.0	23.0	0.205	0.258	0.126	0.159	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	26365	1882.5	50	50	24.0	23.0	0.209	0.263	0.128	0.161	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	26365	1882.5	1	0	24.0	23.0	0.072	0.091	0.047	0.059	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	26365	1882.5	50	50	24.0	23.0	0.071	0.089	0.045	0.057	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	26365	1882.5	1	49	21.7	20.7	0.561	0.706	0.289	0.364	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	26365	1882.5	50	50	21.7	20.7	0.577	0.726	0.296	0.373	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	26365	1882.5	1	49	21.7	20.7	0.411	0.517	0.219	0.276	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	26365	1882.5	50	50	21.7	20.7	0.421	0.530	0.223	0.281	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	26140	1860	1	49	21.7	20.8	0.646	0.795	0.309	0.380	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	26140	1860	50	24	21.7	20.8	0.658	0.810	0.314	0.386	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	26140	1860	100	0	21.7	20.8	0.658	0.810	0.314	0.386	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	26365	1882.5	1	49	21.7	20.7	0.699	0.880	0.333	0.419	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	26365	1882.5	50	50	21.7	20.7	0.710	0.894	0.339	0.427	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	26590	1905	1	49	21.7	20.7	0.684	0.861	0.324	0.408	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	26590	1905	50	50	21.7	20.7	0.690	0.869	0.326	0.410	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	26365	1882.5	1	49	21.7	20.7	0.393	0.495	0.196	0.247	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	26365	1882.5	50	50	21.7	20.7	0.394	0.496	0.195	0.245	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	26365	1882.5	1	49	21.7	20.7	0.013	0.016	0.007	0.009	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	26365	1882.5	50	50	21.7	20.7	0.013	0.016	0.007	0.009	
Antenna(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	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	0	19.5	18.0	0.192	0.271	0.122	0.172	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	26365	1882.5	50	0	19.5	18.2	0.195	0.263	0.121	0.163	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	26365	1882.5	1	0	19.5	18.0	0.137	0.194	0.080	0.113	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	26365	1882.5	50	0	19.5	18.2	0.143	0.193	0.081	0.109	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	26140	1860	1	99	19.5	18.1	0.580	0.801	0.336	0.464	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	26140	1860	50	24	19.5	18.2	0.603	0.813	0.348	0.469	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	26365	1882.5	1	0	19.5	18.0	0.575	0.812	0.348	0.492	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	26365	1882.5	50	0	19.5	18.2	0.604	0.815	0.360	0.486	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	26365	1882.5	100	0	19.5	18.2	0.591	0.797	0.333	0.449	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	26590	1905	1	0	19.5	18.1	0.575	0.794	0.324	0.447	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	26590	1905	50	50	19.5	18.2	0.568	0.766	0.320	0.432	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	26365	1882.5	1	0	19.5	18.0	0.424	0.599	0.210	0.297	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	26365	1882.5	50	0	19.5	18.2	0.431	0.581	0.214	0.289	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	26140	1860	1	0	19.7	18.4	0.692	0.933	0.303	0.409	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	26140	1860	50	24	19.7	18.4	0.696	0.939	0.303	0.409	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	26365	1882.5	1	49	19.7	18.4	0.670	0.904	0.291	0.393	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	26365	1882.5	50	50	19.7	18.4	0.687	0.927	0.296	0.399	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	26365	1882.5	100	0	19.7	18.4	0.693	0.935	0.299	0.403	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	26590	1905	1	0	19.7	18.3	0.687	0.948	0.296	0.409	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	26590	1905	50	50	19.7	18.4	0.706	**0.952**	0.304	0.410	27
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	26365	1882.5	1	49	19.7	18.4	0.301	0.406	0.152	0.205	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	26365	1882.5	50	50	19.7	18.4	0.300	0.405	0.154	0.208	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	26365	1882.5	1	49	19.7	18.4	0.274	0.370	0.123	0.166	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	26365	1882.5	50	50	19.7	18.4	0.268	0.362	0.120	0.162	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	26365	1882.5	1	49	19.7	18.4	0.012	0.016	0.007	0.009	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	26365	1882.5	50	50	19.7	18.4	0.012	0.016	0.006	0.008	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	26365	1882.5	1	49	19.7	18.4	0.504	0.680	0.250	0.337	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	26365	1882.5	50	50	19.7	18.4	0.513	0.692	0.252	0.340	
Antenna(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 3	Head	QPSK	Mode A	0	Left Cheek	26365	1882.5	1	49	21.3	20.3	0.145	0.183	0.089	0.112	
ANT 3	Head	QPSK	Mode A	0	Left Cheek	26365	1882.5	50	50	21.3	20.4	0.148	0.182	0.091	0.112	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	26365	1882.5	1	49	21.3	20.3	0.055	0.069	0.033	0.042	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	26365	1882.5	50	50	21.3	20.4	0.054	0.066	0.032	0.039	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	26365	1882.5	1	49	21.3	20.3	0.075	0.094	0.047	0.059	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	26365	1882.5	50	50	21.3	20.4	0.076	0.094	0.048	0.059	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	26365	1882.5	1	49	21.3	20.3	0.051	0.064	0.030	0.038	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	26365	1882.5	50	50	21.3	20.4	0.051	0.063	0.030	0.037	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	26365	1882.5	1	49	20.7	19.7	0.436	0.549	0.237	0.298	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	26365	1882.5	50	50	20.7	19.8	0.436	0.536	0.236	0.290	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	26365	1882.5	1	49	20.7	19.7	0.523	0.658	0.283	0.356	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	26365	1882.5	50	50	20.7	19.8	0.530	0.652	0.287	0.353	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	26365	1882.5	1	49	20.7	19.7	0.433	0.545	0.234	0.295	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	26365	1882.5	50	50	20.7	19.8	0.437	0.538	0.236	0.290	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	26365	1882.5	1	49	20.7	19.7	0.585	0.736	0.302	0.380	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	26365	1882.5	50	50	20.7	19.8	0.593	0.730	0.305	0.375	

Antenna(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	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	99	19.1	18.0	0.630	0.812	0.343	0.442	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	26140	1860	50	24	19.1	18.1	0.647	0.815	0.348	0.438	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	26365	1882.5	1	0	19.1	17.9	0.628	0.828	0.343	0.452	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	26365	1882.5	50	50	19.1	18.0	0.705	**0.908**	0.381	0.491	28
ANT 4	Head	QPSK	Mode A	0	Left Cheek	26365	1882.5	100	0	19.1	18.1	0.548	0.690	0.304	0.383	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	26590	1905	1	0	19.1	18.0	0.656	0.845	0.350	0.451	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	26590	1905	50	50	19.1	18.1	0.690	0.869	0.353	0.444	
ANT 4	Head	QPSK	Mode A	0	Left Tilt	26365	1882.5	1	0	19.1	17.9	0.406	0.535	0.216	0.285	
ANT 4	Head	QPSK	Mode A	0	Left Tilt	26365	1882.5	50	50	19.1	18.0	0.427	0.550	0.227	0.292	
ANT 4	Head	QPSK	Mode A	0	Right Cheek	26365	1882.5	1	0	19.1	17.9	0.170	0.224	0.106	0.140	
ANT 4	Head	QPSK	Mode A	0	Right Cheek	26365	1882.5	50	50	19.1	18.0	0.176	0.227	0.109	0.140	
ANT 4	Head	QPSK	Mode A	0	Right Tilt	26365	1882.5	1	0	19.1	17.9	0.130	0.171	0.077	0.102	
ANT 4	Head	QPSK	Mode A	0	Right Tilt	26365	1882.5	50	50	19.1	18.0	0.131	0.169	0.077	0.099	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	26365	1882.5	1	0	19.1	17.9	0.473	0.624	0.261	0.344	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	26365	1882.5	50	50	19.1	18.0	0.494	0.636	0.268	0.345	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Front	26365	1882.5	1	0	19.1	17.9	0.283	0.373	0.156	0.206	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Front	26365	1882.5	50	50	19.1	18.0	0.295	0.380	0.161	0.207	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Top	26365	1882.5	1	0	19.1	17.9	0.247	0.326	0.113	0.149	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Top	26365	1882.5	50	50	19.1	18.0	0.234	0.301	0.108	0.139	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	26365	1882.5	1	0	19.1	17.9	0.447	0.589	0.225	0.297	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	26365	1882.5	50	50	19.1	18.0	0.457	0.589	0.228	0.294	

10.12. LTE Band 26 (10MHz Bandwidth)

Antenna(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	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	0	25.7	24.8	0.159	0.196	0.131	0.161	
ANT 1	Head	QPSK	Mode A	0	Left Cheek	26865	831.5	25	12	24.7	24.1	0.131	0.150	0.108	0.124	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	26865	831.5	1	0	25.7	24.8	0.108	0.133	0.088	0.108	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	26865	831.5	25	12	24.7	24.1	0.090	0.103	0.075	0.086	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	26865	831.5	1	0	25.7	24.8	0.167	0.205	0.137	0.169	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	26865	831.5	25	12	24.7	24.1	0.151	0.173	0.123	0.141	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	26865	831.5	1	0	25.7	24.8	0.117	0.144	0.097	0.119	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	26865	831.5	25	12	24.7	24.1	0.102	0.117	0.085	0.098	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	26865	831.5	1	0	25.7	24.8	0.553	**0.680**	0.320	0.394	29
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	26865	831.5	25	12	24.7	24.1	0.483	0.555	0.278	0.319	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	26865	831.5	1	0	25.7	24.8	0.327	0.402	0.205	0.252	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	26865	831.5	25	12	24.7	24.1	0.279	0.320	0.173	0.199	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	26865	831.5	1	0	25.7	24.8	0.485	0.597	0.326	0.401	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	26865	831.5	25	12	24.7	24.1	0.428	0.491	0.285	0.327	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	26865	831.5	1	0	25.7	24.8	0.237	0.292	0.102	0.125	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	26865	831.5	25	12	24.7	24.1	0.217	0.249	0.093	0.107	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	26865	831.5	1	0	25.7	24.8	0.254	0.312	0.167	0.205	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	26865	831.5	25	12	24.7	24.1	0.229	0.263	0.150	0.172	
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**Channel**	**Freq. (MHz)**	**RB Allocation**	**RB Offset**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 2	Head	QPSK	Mode A	0	Left Cheek	26865	831.5	1	25	23.4	22.3	0.504	0.649	0.324	0.417	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	26865	831.5	25	25	23.4	22.3	0.494	0.636	0.318	0.410	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	26865	831.5	1	25	23.4	22.3	0.374	0.482	0.211	0.272	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	26865	831.5	25	25	23.4	22.3	0.352	0.453	0.201	0.259	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	26865	831.5	1	25	23.4	22.3	0.604	**0.778**	0.386	0.497	30
ANT 2	Head	QPSK	Mode A	0	Right Cheek	26865	831.5	25	25	23.4	22.3	0.593	0.764	0.379	0.488	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	26865	831.5	1	25	23.4	22.3	0.354	0.456	0.197	0.254	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	26865	831.5	25	25	23.4	22.3	0.346	0.446	0.191	0.246	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	26865	831.5	1	25	25.2	24.2	0.539	0.679	0.336	0.423	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	26865	831.5	25	25	24.2	23.4	0.455	0.547	0.282	0.339	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	26865	831.5	1	25	25.2	24.2	0.368	0.463	0.233	0.293	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	26865	831.5	25	25	24.2	23.4	0.308	0.370	0.194	0.233	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	26865	831.5	1	25	25.2	24.2	0.262	0.330	0.136	0.171	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	26865	831.5	25	25	24.2	23.4	0.223	0.268	0.115	0.138	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	26865	831.5	1	25	25.2	24.2	0.140	0.176	0.090	0.113	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	26865	831.5	25	25	24.2	23.4	0.115	0.138	0.075	0.090	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	26865	831.5	1	25	25.2	24.2	0.336	0.423	0.219	0.276	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	26865	831.5	25	25	24.2	23.4	0.317	0.381	0.205	0.246	

10.13. LTE Band 30 (10MHz Bandwidth)

Antenna(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	QPSK	Mode A	0	Left Cheek	27710	2310	1	25	22.1	20.7	0.036	0.050	0.022	0.030	
ANT 1	Head	QPSK	Mode A	0	Left Cheek	27710	2310	25	12	22.1	20.7	0.035	0.048	0.022	0.030	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	27710	2310	1	25	22.1	20.7	0.047	0.065	0.027	0.037	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	27710	2310	25	12	22.1	20.7	0.046	0.063	0.026	0.036	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	27710	2310	1	25	22.1	20.7	0.090	0.124	0.052	0.072	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	27710	2310	25	12	22.1	20.7	0.089	0.123	0.051	0.070	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	27710	2310	1	25	22.1	20.7	0.034	0.047	0.020	0.028	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	27710	2310	25	12	22.1	20.7	0.033	0.046	0.020	0.028	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	27710	2310	1	25	20.5	19.4	0.348	0.448	0.164	0.211	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	27710	2310	25	12	20.5	19.4	0.348	0.448	0.164	0.211	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	27710	2310	1	25	20.5	19.4	0.337	0.434	0.143	0.184	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	27710	2310	25	12	20.5	19.4	0.338	0.435	0.144	0.186	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	27710	2310	1	25	20.5	19.4	0.640	0.824	0.272	0.350	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	27710	2310	25	12	20.5	19.4	0.643	0.828	0.273	0.352	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	27710	2310	50	0	20.5	19.3	0.722	0.952	0.304	0.401	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	27710	2310	1	25	20.5	19.4	0.465	0.599	0.175	0.225	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	27710	2310	25	12	20.5	19.4	0.465	0.599	0.175	0.225	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	27710	2310	1	25	20.5	19.4	0.056	0.072	0.028	0.036	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	27710	2310	25	12	20.5	19.4	0.057	0.073	0.029	0.037	
Antenna(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	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	18.6	17.9	0.349	0.410	0.148	0.174	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	27710	2310	25	12	18.6	17.9	0.347	0.408	0.147	0.173	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	27710	2310	1	25	18.6	17.9	0.469	0.551	0.190	0.223	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	27710	2310	25	12	18.6	17.9	0.457	0.537	0.186	0.219	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	27710	2310	1	25	18.6	17.9	0.837	**0.983**	0.363	0.426	31
ANT 2	Head	QPSK	Mode A	0	Right Cheek	27710	2310	25	12	18.6	17.9	0.831	0.976	0.360	0.423	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	27710	2310	50	0	18.6	17.9	0.822	0.966	0.357	0.419	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	27710	2310	1	25	18.6	17.9	0.638	0.750	0.253	0.297	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	27710	2310	25	12	18.6	17.9	0.636	0.747	0.252	0.296	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	27710	2310	1	25	18.7	18.1	0.759	0.871	0.342	0.393	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	27710	2310	25	12	18.7	18.1	0.755	0.867	0.339	0.389	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	27710	2310	50	0	18.7	18.1	0.839	**0.963**	0.381	0.437	32
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	27710	2310	1	25	18.7	18.1	0.340	0.390	0.167	0.192	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	27710	2310	25	12	18.7	18.1	0.355	0.408	0.174	0.200	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	27710	2310	1	25	18.7	18.1	0.431	0.495	0.173	0.199	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	27710	2310	25	12	18.7	18.1	0.427	0.490	0.171	0.196	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	27710	2310	1	25	18.7	18.1	0.040	0.046	0.022	0.025	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	27710	2310	25	12	18.7	18.1	0.042	0.048	0.023	0.026	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	27710	2310	1	25	18.7	18.1	0.743	0.853	0.342	0.393	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	27710	2310	25	12	18.7	18.1	0.738	0.847	0.340	0.390	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	27710	2310	50	0	18.7	18.1	0.676	0.776	0.317	0.364	
Antenna(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	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	0	21.7	20.8	0.193	0.237	0.115	0.141	
ANT 3	Head	QPSK	Mode A	0	Left Cheek	27710	2310	25	12	21.7	20.8	0.199	0.245	0.118	0.145	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	27710	2310	1	0	21.7	20.8	0.097	0.119	0.053	0.065	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	27710	2310	25	12	21.7	20.8	0.096	0.118	0.052	0.064	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	27710	2310	1	0	21.7	20.8	0.114	0.140	0.069	0.085	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	27710	2310	25	12	21.7	20.8	0.114	0.140	0.068	0.084	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	27710	2310	1	0	21.7	20.8	0.117	0.144	0.066	0.081	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	27710	2310	25	12	21.7	20.8	0.115	0.141	0.065	0.080	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	27710	2310	1	25	19.2	18.4	0.360	0.433	0.190	0.228	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	27710	2310	25	12	19.2	18.3	0.357	0.439	0.188	0.231	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	27710	2310	1	25	19.2	18.4	0.357	0.429	0.172	0.207	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	27710	2310	25	12	19.2	18.3	0.359	0.442	0.173	0.213	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	27710	2310	1	25	19.2	18.4	0.182	0.219	0.093	0.112	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	27710	2310	25	12	19.2	18.3	0.182	0.224	0.093	0.114	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	27710	2310	1	25	19.2	18.4	0.489	0.588	0.238	0.286	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	27710	2310	25	12	19.2	18.3	0.488	0.600	0.238	0.293	
Antenna(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	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	18.5	17.4	0.390	0.502	0.203	0.262	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	27710	2310	25	12	18.5	17.3	0.390	0.514	0.202	0.266	
ANT 4	Head	QPSK	Mode A	0	Left Tilt	27710	2310	1	25	18.5	17.4	0.271	0.349	0.125	0.161	
ANT 4	Head	QPSK	Mode A	0	Left Tilt	27710	2310	25	12	18.5	17.3	0.270	0.356	0.125	0.165	
ANT 4	Head	QPSK	Mode A	0	Right Cheek	27710	2310	1	25	18.5	17.4	0.174	0.224	0.100	0.129	
ANT 4	Head	QPSK	Mode A	0	Right Cheek	27710	2310	25	12	18.5	17.3	0.173	0.228	0.101	0.133	
ANT 4	Head	QPSK	Mode A	0	Right Tilt	27710	2310	1	25	18.5	17.4	0.105	0.135	0.059	0.076	
ANT 4	Head	QPSK	Mode A	0	Right Tilt	27710	2310	25	12	18.5	17.3	0.105	0.138	0.058	0.076	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	27710	2310	1	25	20.2	19.1	0.663	0.854	0.333	0.429	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	27710	2310	25	25	20.2	19.0	0.623	0.821	0.313	0.413	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	27710	2310	50	0	20.2	18.9	0.621	0.838	0.312	0.421	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Front	27710	2310	1	25	20.2	19.1	0.282	0.363	0.146	0.188	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Front	27710	2310	25	25	20.2	19.0	0.295	0.389	0.151	0.199	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Top	27710	2310	1	25	20.2	19.1	0.127	0.164	0.053	0.068	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Top	27710	2310	25	25	20.2	19.0	0.128	0.169	0.054	0.071	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	27710	2310	1	25	20.2	19.1	0.647	0.833	0.310	0.399	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	27710	2310	25	25	20.2	19.0	0.640	0.844	0.307	0.405	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	27710	2310	50	0	20.2	18.9	0.647	0.873	0.314	0.424	

10.14. LTE Band 41 PC3 (20MHz Bandwidth)

Antenna(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	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	99	23.4	22.1	0.029	0.039	0.016	0.022	
ANT 1	Head	QPSK	Mode A	0	Left Cheek	40620	2593	50	50	23.4	22.1	0.029	0.039	0.017	0.023	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	40620	2593	1	99	23.4	22.1	0.033	0.045	0.016	0.022	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	40620	2593	50	50	23.4	22.1	0.036	0.049	0.017	0.023	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	40620	2593	1	99	23.4	22.1	0.053	0.071	0.030	0.040	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	40620	2593	50	50	23.4	22.1	0.053	0.071	0.030	0.040	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	40620	2593	1	99	23.4	22.1	0.042	0.057	0.020	0.027	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	40620	2593	50	50	23.4	22.1	0.043	0.058	0.022	0.030	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	40620	2593	1	0	20.9	20.1	0.301	0.362	0.139	0.167	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	40620	2593	50	50	20.9	20.1	0.324	0.390	0.147	0.177	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	40620	2593	1	0	20.9	20.1	0.190	0.228	0.087	0.105	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	40620	2593	50	50	20.9	20.1	0.200	0.240	0.092	0.111	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	39750	2506	1	0	20.9	20.2	0.448	0.526	0.189	0.222	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	39750	2506	50	0	20.9	20.4	0.453	0.508	0.193	0.217	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	40185	2549.5	1	99	20.9	20.1	0.328	0.394	0.137	0.165	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	40185	2549.5	50	24	20.9	20.2	0.369	0.434	0.155	0.182	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	40620	2593	1	0	20.9	20.1	0.794	0.955	0.308	0.370	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	40620	2593	50	50	20.9	20.1	0.820	**0.986**	0.318	0.382	33
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	41055	2636.5	1	99	20.9	20.1	0.649	0.780	0.268	0.322	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	41055	2636.5	50	50	20.9	20.1	0.649	0.780	0.269	0.323	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	41490	2680	1	99	20.9	20.4	0.668	0.750	0.277	0.311	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	41490	2680	50	50	20.9	20.3	0.674	0.774	0.280	0.321	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	41490	2680	100	0	20.9	20.3	0.636	0.730	0.269	0.309	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	40620	2593	1	0	20.9	20.1	0.127	0.153	0.050	0.060	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	40620	2593	50	50	20.9	20.1	0.144	0.173	0.056	0.067	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	40620	2593	1	0	20.9	20.1	0.007	0.008	0.003	0.004	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	40620	2593	50	50	20.9	20.1	0.008	0.010	0.003	0.004	
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**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	99	19.9	18.5	0.429	0.592	0.157	0.217	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	40620	2593	50	50	19.9	18.5	0.429	0.592	0.157	0.217	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	40620	2593	1	99	19.9	18.5	0.479	0.661	0.171	0.236	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	40620	2593	50	50	19.9	18.5	0.478	0.660	0.170	0.235	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	40620	2593	1	99	19.9	18.5	0.475	0.656	0.187	0.258	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	40620	2593	50	50	19.9	18.5	0.478	0.660	0.187	0.258	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	40620	2593	1	99	19.9	18.5	0.437	0.603	0.159	0.219	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	40620	2593	50	50	19.9	18.5	0.436	0.602	0.159	0.219	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	40620	2593	1	99	20.3	18.9	0.428	0.591	0.189	0.261	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	40620	2593	50	0	20.3	18.9	0.433	0.598	0.192	0.265	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	40620	2593	1	99	20.3	18.9	0.352	0.486	0.137	0.189	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	40620	2593	50	0	20.3	18.9	0.349	0.482	0.136	0.188	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	39750	2506	1	49	20.3	19.2	0.560	0.721	0.203	0.262	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	39750	2506	50	0	20.3	19.3	0.559	0.704	0.204	0.257	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	40185	2549.5	1	49	20.3	18.9	0.598	0.825	0.212	0.293	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	40185	2549.5	50	24	20.3	19.0	0.605	0.816	0.214	0.289	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	40620	2593	1	99	20.3	18.9	0.605	0.835	0.212	0.293	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	40620	2593	50	0	20.3	18.9	0.605	0.835	0.212	0.293	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	41055	2636.5	1	99	20.3	18.9	0.626	0.864	0.219	0.302	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	41055	2636.5	50	24	20.3	18.9	0.636	0.878	0.222	0.306	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	41490	2680	1	99	20.3	19.0	0.616	0.831	0.213	0.287	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	41490	2680	50	24	20.3	19.0	0.634	0.855	0.221	0.298	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	41490	2680	100	0	20.3	19.0	0.630	0.850	0.220	0.297	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	40620	2593	1	99	20.3	18.9	0.029	0.040	0.014	0.019	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	40620	2593	50	0	20.3	18.9	0.028	0.039	0.014	0.019	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	40620	2593	1	99	20.3	18.9	0.547	0.755	0.230	0.317	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	40620	2593	50	0	20.3	18.9	0.558	0.770	0.235	0.324	
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**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	0	24.2	23.2	0.182	0.229	0.098	0.123	
ANT 3	Head	QPSK	Mode A	0	Left Cheek	40620	2593	50	0	24.2	23.2	0.179	0.225	0.097	0.122	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	40620	2593	1	0	24.2	23.2	0.083	0.104	0.044	0.055	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	40620	2593	50	0	24.2	23.2	0.078	0.098	0.041	0.052	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	40620	2593	1	0	24.2	23.2	0.132	0.166	0.075	0.094	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	40620	2593	50	0	24.2	23.2	0.127	0.160	0.072	0.091	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	40620	2593	1	0	24.2	23.2	0.166	0.209	0.081	0.102	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	40620	2593	50	0	24.2	23.2	0.164	0.206	0.080	0.101	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	40620	2593	1	0	21.5	20.5	0.445	0.560	0.216	0.272	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	40620	2593	50	0	21.5	20.4	0.444	0.572	0.216	0.278	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	40620	2593	1	0	21.5	20.5	0.496	0.624	0.233	0.293	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	40620	2593	50	0	21.5	20.4	0.479	0.617	0.225	0.290	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	40620	2593	1	0	21.5	20.5	0.240	0.302	0.115	0.145	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	40620	2593	50	0	21.5	20.4	0.234	0.301	0.113	0.146	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	40620	2593	1	0	21.5	20.5	0.523	0.658	0.238	0.300	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	40620	2593	50	0	21.5	20.4	0.518	0.667	0.235	0.303	

Antenna(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	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	99	21.0	19.7	0.582	0.785	0.267	0.360	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	40620	2593	50	24	21.0	19.7	0.590	**0.796**	0.273	0.368	34
ANT 4	Head	QPSK	Mode A	0	Left Tilt	40620	2593	1	99	21.0	19.7	0.350	0.472	0.157	0.212	
ANT 4	Head	QPSK	Mode A	0	Left Tilt	40620	2593	50	24	21.0	19.7	0.357	0.482	0.161	0.217	
ANT 4	Head	QPSK	Mode A	0	Right Cheek	40620	2593	1	99	21.0	19.7	0.204	0.275	0.108	0.146	
ANT 4	Head	QPSK	Mode A	0	Right Cheek	40620	2593	50	24	21.0	19.7	0.208	0.281	0.110	0.148	
ANT 4	Head	QPSK	Mode A	0	Right Tilt	40620	2593	1	99	21.0	19.7	0.072	0.097	0.035	0.047	
ANT 4	Head	QPSK	Mode A	0	Right Tilt	40620	2593	50	24	21.0	19.7	0.073	0.098	0.036	0.049	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	39750	2506	1	49	21.5	20.5	0.734	0.924	0.385	0.485	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	39750	2506	50	24	21.5	20.6	0.724	0.891	0.380	0.468	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	39790	2510	100	0	21.5	20.7	0.614	0.738	0.321	0.386	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	40185	2549.5	1	0	21.5	20.3	0.669	0.882	0.352	0.464	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	40185	2549.5	50	24	21.5	20.4	0.663	0.854	0.347	0.447	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	40620	2593	1	99	21.5	20.3	0.616	0.812	0.316	0.417	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	40620	2593	50	0	21.5	20.2	0.599	0.808	0.312	0.421	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	41055	2636.5	1	99	21.5	20.4	0.568	0.732	0.274	0.353	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	41055	2636.5	50	50	21.5	20.4	0.564	0.727	0.273	0.352	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	41490	2680	1	99	21.5	20.6	0.589	0.725	0.281	0.346	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	41490	2680	50	50	21.5	20.6	0.547	0.673	0.262	0.322	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	41490	2680	100	0	21.5	20.5	0.574	0.723	0.269	0.339	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Front	40620	2593	1	99	21.5	20.3	0.209	0.276	0.100	0.132	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Front	40620	2593	50	0	21.5	20.2	0.206	0.278	0.100	0.135	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Top	40620	2593	1	99	21.5	20.3	0.131	0.173	0.055	0.073	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Top	40620	2593	50	0	21.5	20.2	0.123	0.166	0.052	0.070	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	40620	2593	1	99	21.5	20.3	0.536	0.707	0.238	0.314	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	40620	2593	50	0	21.5	20.2	0.549	0.741	0.247	0.333	

UL CA 41C PC3

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position(s)	PCC UL				SCC UL				Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
						Ch #.	Freq. (MHz)	RB Allocation	RB Offset	Ch #.	Freq. (MHz)	RB Allocation	RB Offset	Tune-up limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	40521	2583.1	1	99	40719	2602.9	1	0	23.4	22.4	0.047	0.059	0.025	0.031	.
	Body & Hotspot	QPSK	Mode B	5	Back	40521	2583.1	1	99	40719	2602.9	1	0	20.9	19.8	0.287	0.370	0.120	0.155	.
	Hotspot	QPSK	Mode B	5	Edge Right	40521	2583.1	1	99	40719	2602.9	1	0	20.9	19.8	0.281	0.362	0.117	0.151	.

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position(s)	PCC UL				SCC UL				Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
						Ch #.	Freq. (MHz)	RB Allocation	RB Offset	Ch #.	Freq. (MHz)	RB Allocation	RB Offset	Tune-up limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	40521	2583.1	1	99	40719	2602.9	1	0	19.9	18.6	0.572	0.772	0.229	0.309	.
	Body & Hotspot	QPSK	Mode B	5	Back	40521	2583.1	1	99	40719	2602.9	1	0	20.3	18.9	0.341	0.471	0.147	0.203	.
	Hotspot	QPSK	Mode B	5	Edge Top	41292	2660.2	1	99	41490	2680	1	0	20.3	18.8	0.400	0.565	0.143	0.202	.

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position(s)	PCC UL				SCC UL				Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
						Ch #.	Freq. (MHz)	RB Allocation	RB Offset	Ch #.	Freq. (MHz)	RB Allocation	RB Offset	Tune-up limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT 3	Head	QPSK	Mode A	0	Left Cheek	40521	2583.1	1	99	40719	2602.9	1	0	24.2	23.2	0.082	0.103	0.045	0.057	.
	Body & Hotspot	QPSK	Mode B	5	Front	40521	2583.1	1	99	40719	2602.9	1	0	21.5	20.9	0.482	0.553	0.240	0.276	.
	Hotspot	QPSK	Mode B	5	Edge Left	40521	2583.1	1	99	40719	2602.9	1	0	21.5	20.9	0.568	0.652	0.265	0.304	.

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position(s)	PCC UL				SCC UL				Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
						Ch #.	Freq. (MHz)	RB Allocation	RB Offset	Ch #.	Freq. (MHz)	RB Allocation	RB Offset	Tune-up limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	40521	2583.1	1	99	40719	2602.9	1	0	21.0	20.3	0.745	0.875	0.363	0.426	.
	Body & Hotspot	QPSK	Mode B	5	Back	39750	2506	1	99	39948	2525.8	1	0	21.5	20.8	0.581	0.683	0.300	0.352	.

Note(s):

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

10.15. LTE Band 41 PC2 (20MHz Bandwidth)

From May 2017 TCB Workshop, SAR tested were performed using Power Class 3. SAR test for Power Class 2 is tested using the highest SAR test configuration in Power Class 3 for each LTE configuration and exposure condition combination. According to the highest time averaged power for UL-DL configurations, configuration # 1 with duty cycle 43.3% is used for Power Class 2 SAR test.
Additional SAR testing for Power Class 2 is not required when:

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

Reported SAR vs. Output Power linearly scaled

Antenna	RF Exposure Condition	Mode(s)	Power Mode(s)	LTE B41 PC2			LTE B41 PC3				Linearly scaled	Linearly scaled	Testing Required
				Duty Cycle (%)	Max Output Power	Frame Avg Pwr (mW)	Duty Cycle (%)	Max Output Power	Frame Avg Pwr (mW)	Reported SAR (W/kg)	PC2	PC2	PC2
ANT 1	Head	QPSK	Mode A	43.3%	25.0	136.9	63.3%	23.4	138.5	0.071	0.071	-0.7%	No
ANT 1	Body & Hotspot	QPSK	Mode B	43.3%	22.5	77.0	63.3%	20.9	77.9	0.390	0.385	-1.2%	No
ANT 1	Hotspot	QPSK	Mode B	43.3%	22.5	77.0	63.3%	20.9	77.9	0.986	0.975	-1.1%	No
Antenna	RF Exposure Condition	Mode(s)	Power Mode(s)	LTE B41 PC2			LTE B41 PC3				Linearly scaled	Linearly scaled	Testing Required
				Duty Cycle (%)	Max Output Power	Frame Avg Pwr (mW)	Duty Cycle (%)	Max Output Power	Frame Avg Pwr (mW)	Reported SAR (W/kg)	PC2	PC2	PC2
ANT 2	Head	QPSK	Mode A	43.3%	21.5	61.2	63.3%	19.9	61.9	0.661	0.654	-1.1%	No
ANT 2	Body & Hotspot	QPSK	Mode B	43.3%	21.9	67.1	63.3%	20.3	67.8	0.598	0.591	-1.1%	No
ANT 2	Body-worn	QPSK	Mode B	43.3%	21.9	67.1	63.3%	20.3	67.8	0.878	0.868	-1.1%	No
Antenna	RF Exposure Condition	Mode(s)	Power Mode(s)	LTE B41 PC2			LTE B41 PC3				Linearly scaled	Linearly scaled	Testing Required
				Duty Cycle (%)	Max Output Power	Frame Avg Pwr (mW)	Duty Cycle (%)	Max Output Power	Frame Avg Pwr (mW)	Reported SAR (W/kg)	PC2	PC2	PC2
ANT 3	Head	QPSK	Mode A	43.3%	25.8	164.6	63.3%	24.2	166.5	0.229	0.227	-0.9%	No
ANT 3	Body & Hotspot	QPSK	Mode B	43.3%	23.1	88.4	63.3%	21.5	89.4	0.624	0.617	-1.2%	No
ANT 3	Hotspot	QPSK	Mode B	43.3%	23.1	88.4	63.3%	21.5	89.4	0.667	0.660	-1.1%	No
Antenna	RF Exposure Condition	Mode(s)	Power Mode(s)	LTE B41 PC2			LTE B41 PC3				Linearly scaled	Linearly scaled	Testing Required
				Duty Cycle (%)	Max Output Power	Frame Avg Pwr (mW)	Duty Cycle (%)	Max Output Power	Frame Avg Pwr (mW)	Reported SAR (W/kg)	PC2	PC2	PC2
ANT 4	Head	QPSK	Mode A	43.3%	22.6	78.8	63.3%	21.0	79.7	0.796	0.787	-1.1%	No
ANT 4	Body & Hotspot	QPSK	Mode B	43.3%	23.1	88.4	63.3%	21.5	89.4	0.924	0.914	-1.1%	No
ANT 4	Body-worn	QPSK	Mode B	43.3%	23.1	88.4	63.3%	21.5	89.4	0.741	0.732	-1.2%	No

Conclusion:

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

10.16. LTE Band 48 (20MHz Bandwidth)

Antenna(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	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	0	24.2	23.3	0.031	0.038	0.011	0.014	
ANT 7	Head	QPSK	Mode A	0	Left Cheek	56207	3646.7	50	24	24.2	23.3	0.024	0.030	0.010	0.012	
ANT 7	Head	QPSK	Mode A	0	Left Tilt	56207	3646.7	1	0	24.2	23.3	0.032	0.039	0.011	0.014	
ANT 7	Head	QPSK	Mode A	0	Left Tilt	56207	3646.7	50	24	24.2	23.3	0.031	0.038	0.011	0.014	
ANT 7	Head	QPSK	Mode A	0	Right Cheek	56207	3646.7	1	0	24.2	23.3	0.074	0.091	0.033	0.041	
ANT 7	Head	QPSK	Mode A	0	Right Cheek	56207	3646.7	50	24	24.2	23.3	0.075	0.092	0.033	0.041	
ANT 7	Head	QPSK	Mode A	0	Right Tilt	56207	3646.7	1	0	24.2	23.3	0.024	0.030	0.011	0.014	
ANT 7	Head	QPSK	Mode A	0	Right Tilt	56207	3646.7	50	24	24.2	23.3	0.022	0.027	0.010	0.012	
ANT 7	Body & Hotspot	QPSK	Mode B	5	Back	56207	3646.7	1	49	21.2	20.4	0.484	0.582	0.167	0.201	
ANT 7	Body & Hotspot	QPSK	Mode B	5	Back	56207	3646.7	50	24	21.2	20.7	0.481	0.540	0.165	0.185	
ANT 7	Body & Hotspot	QPSK	Mode B	5	Front	56207	3646.7	1	49	21.2	20.4	0.236	0.284	0.092	0.111	
ANT 7	Body & Hotspot	QPSK	Mode B	5	Front	56207	3646.7	50	24	21.2	20.7	0.244	0.274	0.096	0.108	
ANT 7	Hotspot	QPSK	Mode B	5	Edge Right	55340	3560	1	99	21.2	20.6	0.846	**0.971**	0.290	0.333	35
ANT 7	Hotspot	QPSK	Mode B	5	Edge Right	55340	3560	50	24	21.2	20.7	0.845	0.948	0.290	0.325	
ANT 7	Hotspot	QPSK	Mode B	5	Edge Right	55340	3560	100	0	21.2	20.7	0.844	0.947	0.288	0.323	
ANT 7	Hotspot	QPSK	Mode B	5	Edge Right	55773	3603.3	1	49	21.2	20.7	0.782	0.877	0.272	0.305	
ANT 7	Hotspot	QPSK	Mode B	5	Edge Right	55773	3603.3	50	24	21.2	20.7	0.784	0.880	0.272	0.305	
ANT 7	Hotspot	QPSK	Mode B	5	Edge Right	56207	3646.7	1	49	21.2	20.4	0.674	0.810	0.242	0.291	
ANT 7	Hotspot	QPSK	Mode B	5	Edge Right	56207	3646.7	50	24	21.2	20.7	0.756	0.848	0.263	0.295	
ANT 7	Hotspot	QPSK	Mode B	5	Edge Right	56640	3690	1	0	21.2	20.6	0.608	0.698	0.214	0.246	
ANT 7	Hotspot	QPSK	Mode B	5	Edge Right	56640	3690	50	0	21.2	20.6	0.589	0.676	0.207	0.238	
ANT 7	Hotspot	QPSK	Mode B	5	Edge Bottom	56207	3646.7	1	49	21.2	20.4	0.226	0.272	0.061	0.073	
ANT 7	Hotspot	QPSK	Mode B	5	Edge Bottom	56207	3646.7	50	24	21.2	20.7	0.231	0.259	0.062	0.070	
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**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	99	21.0	19.9	0.116	0.149	0.054	0.070	
ANT 8	Head	QPSK	Mode A	0	Left Cheek	56207	3646.7	50	24	21.0	19.8	0.116	0.153	0.054	0.071	
ANT 8	Head	QPSK	Mode A	0	Left Tilt	56207	3646.7	1	99	21.0	19.9	0.126	0.162	0.037	0.048	
ANT 8	Head	QPSK	Mode A	0	Left Tilt	56207	3646.7	50	24	21.0	19.8	0.132	0.174	0.040	0.053	
ANT 8	Head	QPSK	Mode A	0	Right Cheek	56207	3646.7	1	99	21.0	19.9	0.318	0.410	0.129	0.166	
ANT 8	Head	QPSK	Mode A	0	Right Cheek	56207	3646.7	50	24	21.0	19.8	0.329	0.434	0.134	0.177	
ANT 8	Head	QPSK	Mode A	0	Right Tilt	56207	3646.7	1	99	21.0	19.9	0.294	0.379	0.107	0.138	
ANT 8	Head	QPSK	Mode A	0	Right Tilt	56207	3646.7	50	24	21.0	19.8	0.307	0.405	0.111	0.146	
ANT 8	Body & Hotspot	QPSK	Mode B	5	Back	56207	3646.7	1	49	19.4	18.7	0.484	0.569	0.162	0.190	
ANT 8	Body & Hotspot	QPSK	Mode B	5	Back	56207	3646.7	50	50	19.4	18.7	0.487	0.572	0.166	0.195	
ANT 8	Body & Hotspot	QPSK	Mode B	5	Front	56207	3646.7	1	49	19.4	18.7	0.181	0.213	0.069	0.081	
ANT 8	Body & Hotspot	QPSK	Mode B	5	Front	56207	3646.7	50	50	19.4	18.7	0.186	0.219	0.071	0.083	
ANT 8	Hotspot	QPSK	Mode B	5	Edge Top	56207	3646.7	1	49	19.4	18.7	0.191	0.224	0.068	0.080	
ANT 8	Hotspot	QPSK	Mode B	5	Edge Top	56207	3646.7	50	50	19.4	18.7	0.187	0.220	0.066	0.078	
ANT 8	Hotspot	QPSK	Mode B	5	Edge Left	56207	3646.7	1	49	19.4	18.7	0.370	0.435	0.134	0.157	
ANT 8	Hotspot	QPSK	Mode B	5	Edge Left	56207	3646.7	50	50	19.4	18.7	0.374	0.439	0.135	0.159	
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**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	21.7	20.4	0.139	0.188	0.065	0.088	
ANT 9	Head	QPSK	Mode A	0	Left Cheek	56207	3646.7	50	24	21.7	20.5	0.143	0.189	0.067	0.088	
ANT 9	Head	QPSK	Mode A	0	Left Tilt	56207	3646.7	1	49	21.7	20.4	0.019	0.026	0.009	0.012	
ANT 9	Head	QPSK	Mode A	0	Left Tilt	56207	3646.7	50	24	21.7	20.5	0.019	0.025	0.008	0.011	
ANT 9	Head	QPSK	Mode A	0	Right Cheek	56207	3646.7	1	49	21.7	20.4	0.065	0.088	0.028	0.038	
ANT 9	Head	QPSK	Mode A	0	Right Cheek	56207	3646.7	50	24	21.7	20.5	0.065	0.086	0.029	0.038	
ANT 9	Head	QPSK	Mode A	0	Right Tilt	56207	3646.7	1	49	21.7	20.4	0.055	0.074	0.018	0.024	
ANT 9	Head	QPSK	Mode A	0	Right Tilt	56207	3646.7	50	24	21.7	20.5	0.053	0.070	0.018	0.024	
ANT 9	Body & Hotspot	QPSK	Mode B	5	Back	56207	3646.7	1	49	17.9	16.6	0.340	0.459	0.129	0.174	
ANT 9	Body & Hotspot	QPSK	Mode B	5	Back	56207	3646.7	50	24	17.9	16.7	0.343	0.452	0.131	0.173	
ANT 9	Body & Hotspot	QPSK	Mode B	5	Front	56207	3646.7	1	49	17.9	16.6	0.202	0.272	0.077	0.104	
ANT 9	Body & Hotspot	QPSK	Mode B	5	Front	56207	3646.7	50	24	17.9	16.7	0.203	0.268	0.076	0.100	
ANT 9	Hotspot	QPSK	Mode B	5	Edge Bottom	56207	3646.7	1	49	17.9	16.6	0.136	0.183	0.056	0.076	
ANT 9	Hotspot	QPSK	Mode B	5	Edge Bottom	56207	3646.7	50	24	17.9	16.7	0.139	0.183	0.057	0.075	
ANT 9	Hotspot	QPSK	Mode B	5	Edge Left	56207	3646.7	1	49	17.9	16.6	0.458	0.618	0.172	0.232	
ANT 9	Hotspot	QPSK	Mode B	5	Edge Left	56207	3646.7	50	24	17.9	16.7	0.456	0.601	0.173	0.228	

Antenna(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	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	0	23.5	23.5	0.979	**0.979**	0.400	0.400	36
ANT 4	Head	QPSK	Mode A	0	Left Cheek	55340	3560	50	24	23.5	22.9	0.814	0.935	0.339	0.389	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	55773	3603.3	1	99	23.5	23.5	0.825	0.825	0.305	0.305	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	55773	3603.3	50	0	23.5	22.8	0.708	0.832	0.269	0.316	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	55773	3603.3	100	0	23.5	22.8	0.771	0.906	0.298	0.350	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	56207	3646.7	1	49	23.5	23.3	0.835	0.874	0.307	0.321	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	56207	3646.7	50	0	23.5	22.7	0.757	0.910	0.283	0.340	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	56640	3690	1	0	23.5	23.2	0.855	0.916	0.318	0.341	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	56640	3690	50	0	23.5	22.6	0.729	0.897	0.272	0.335	
ANT 4	Head	QPSK	Mode A	0	Left Tilt	56207	3646.7	1	49	23.5	23.3	0.494	0.517	0.181	0.190	
ANT 4	Head	QPSK	Mode A	0	Left Tilt	56207	3646.7	50	0	23.5	22.7	0.435	0.523	0.159	0.191	
ANT 4	Head	QPSK	Mode A	0	Right Cheek	56207	3646.7	1	49	23.5	23.3	0.139	0.146	0.060	0.063	
ANT 4	Head	QPSK	Mode A	0	Right Cheek	56207	3646.7	50	0	23.5	22.7	0.117	0.141	0.049	0.059	
ANT 4	Head	QPSK	Mode A	0	Right Tilt	56207	3646.7	1	49	23.5	23.3	0.131	0.137	0.051	0.053	
ANT 4	Head	QPSK	Mode A	0	Right Tilt	56207	3646.7	50	0	23.5	22.7	0.109	0.131	0.042	0.050	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	56207	3646.7	1	99	22.0	20.9	0.538	0.693	0.212	0.273	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	56207	3646.7	50	24	22.0	21.0	0.556	**0.700**	0.220	0.277	37
ANT 4	Body & Hotspot	QPSK	Mode B	5	Front	56207	3646.7	1	99	22.0	20.9	0.159	0.205	0.061	0.079	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Front	56207	3646.7	50	24	22.0	21.0	0.166	0.209	0.065	0.082	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Top	56207	3646.7	1	99	22.0	20.9	0.097	0.125	0.039	0.050	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Top	56207	3646.7	50	24	22.0	21.0	0.097	0.122	0.039	0.049	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	56207	3646.7	1	99	22.0	20.9	0.403	0.519	0.153	0.197	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	56207	3646.7	50	24	22.0	21.0	0.437	0.550	0.164	0.206	

UL CA 48C

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position(s)	PCC UL				SCC UL				Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
						Ch #.	Freq. (MHz)	RB Allocation	RB Offset	Ch #.	Freq. (MHz)	RB Allocation	RB Offset	Tune-up limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT 7	Head	QPSK	Mode A	0	Right Cheek	55891	3615.1	1	99	56089	3634.9	1	0	24.2	23.0	0.040	0.053	0.016	0.021	.
	Body & Hotspot	QPSK	Mode B	5	Back	55891	3615.1	1	99	56089	3634.9	1	0	21.2	19.8	0.511	0.705	0.183	0.253	.
	Hotspot	QPSK	Mode B	5	Edge Right	55340	3560	1	99	55538	3579.8	1	0	21.2	19.7	0.648	0.915	0.233	0.329	.

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position(s)	PCC UL				SCC UL				Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
						Ch #.	Freq. (MHz)	RB Allocation	RB Offset	Ch #.	Freq. (MHz)	RB Allocation	RB Offset	Tune-up limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT 8	Head	QPSK	Mode A	0	Right Cheek	55891	3615.1	1	99	56089	3634.9	1	0	21.0	19.0	0.130	0.206	0.049	0.078	.
	Body & Hotspot	QPSK	Mode B	5	Back	55891	3615.1	1	99	56089	3634.9	1	0	19.4	17.5	0.209	0.324	0.067	0.104	.

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position(s)	PCC UL				SCC UL				Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
						Ch #.	Freq. (MHz)	RB Allocation	RB Offset	Ch #.	Freq. (MHz)	RB Allocation	RB Offset	Tune-up limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT 9	Head	QPSK	Mode A	0	Left Cheek	55891	3615.1	1	99	56089	3634.9	1	0	21.7	20.5	0.085	0.112	0.037	0.049	.
	Body & Hotspot	QPSK	Mode B	5	Back	55891	3615.1	1	99	56089	3634.9	1	0	17.9	16.9	0.284	0.358	0.103	0.130	.
	Hotspot	QPSK	Mode B	5	Edge Left	55891	3615.1	1	99	56089	3634.9	1	0	17.9	16.9	0.414	0.521	0.148	0.186	.

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position(s)	PCC UL				SCC UL				Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
						Ch #.	Freq. (MHz)	RB Allocation	RB Offset	Ch #.	Freq. (MHz)	RB Allocation	RB Offset	Tune-up limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	55340	3560	1	99	55538	3579.8	1	0	23.5	22.3	0.525	0.692	0.216	0.285	.
	Body & Hotspot	QPSK	Mode B	5	Back	55891	3615.1	1	99	56089	3634.9	1	0	22.0	20.8	0.699	0.921	0.271	0.357	.

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(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	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	49	20.7	19.7	0.025	0.031	0.014	0.018	
ANT 1	Head	QPSK	Mode A	0	Left Cheek	60197	2489.2	25	25	20.7	19.7	0.026	0.033	0.013	0.016	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	60197	2489.2	1	49	20.7	19.7	0.020	0.025	0.009	0.011	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	60197	2489.2	25	25	20.7	19.7	0.021	0.026	0.009	0.011	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	60197	2489.2	1	49	20.7	19.7	0.047	0.059	0.025	0.031	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	60197	2489.2	25	25	20.7	19.7	0.047	0.059	0.025	0.031	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	60197	2489.2	1	49	20.7	19.7	0.014	0.018	0.007	0.009	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	60197	2489.2	25	25	20.7	19.7	0.015	0.019	0.007	0.009	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	60197	2489.2	1	49	20.7	19.7	0.242	0.305	0.109	0.137	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	60197	2489.2	25	25	20.7	19.7	0.247	0.311	0.112	0.141	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	60197	2489.2	1	49	20.7	19.7	0.150	0.189	0.067	0.084	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	60197	2489.2	25	25	20.7	19.7	0.153	0.193	0.069	0.087	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	60197	2489.2	1	49	20.7	19.7	0.357	0.449	0.146	0.184	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	60197	2489.2	25	25	20.7	19.7	0.369	0.465	0.151	0.190	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	60197	2489.2	1	49	20.7	19.7	0.097	0.122	0.037	0.047	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	60197	2489.2	25	25	20.7	19.7	0.098	0.123	0.037	0.047	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	60197	2489.2	1	49	20.7	19.7	0.017	0.021	0.007	0.009	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	60197	2489.2	25	25	20.7	19.7	0.017	0.021	0.007	0.009	
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**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	19.9	18.8	0.377	0.486	0.142	0.183	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	60197	2489.2	25	0	19.9	18.8	0.355	0.457	0.134	0.173	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	60197	2489.2	1	25	19.9	18.8	0.441	0.568	0.164	0.211	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	60197	2489.2	25	0	19.9	18.8	0.426	0.549	0.159	0.205	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	60197	2489.2	1	25	19.9	18.8	0.577	0.743	0.229	0.295	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	60197	2489.2	25	0	19.9	18.8	0.574	**0.739**	0.228	0.294	38
ANT 2	Head	QPSK	Mode A	0	Right Tilt	60197	2489.2	1	25	19.9	18.8	0.403	0.519	0.158	0.204	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	60197	2489.2	25	0	19.9	18.8	0.403	0.519	0.157	0.202	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	60197	2489.2	1	25	20.7	19.5	0.585	**0.771**	0.243	0.320	39
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	60197	2489.2	25	0	20.7	19.6	0.579	0.746	0.241	0.310	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	60197	2489.2	1	25	20.7	19.5	0.333	0.439	0.144	0.190	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	60197	2489.2	25	0	20.7	19.6	0.333	0.429	0.144	0.186	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	60197	2489.2	1	25	20.7	19.5	0.482	0.635	0.179	0.236	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	60197	2489.2	25	0	20.7	19.6	0.455	0.586	0.169	0.218	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	60197	2489.2	1	25	20.7	19.5	0.013	0.017	0.007	0.009	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	60197	2489.2	25	0	20.7	19.6	0.014	0.018	0.007	0.009	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	60197	2489.2	1	25	20.7	19.5	0.578	0.762	0.256	0.337	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	60197	2489.2	25	0	20.7	19.6	0.567	0.730	0.249	0.321	

10.18. LTE Band 66 (20MHz Bandwidth)

Antenna(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	QPSK	Mode A	0	Left Cheek	132322	1745	1	49	25.0	24.1	0.075	0.092	0.052	0.064	
ANT 1	Head	QPSK	Mode A	0	Left Cheek	132322	1745	50	24	24.7	24.1	0.074	0.085	0.051	0.059	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	132322	1745	1	49	25.0	24.1	0.074	0.091	0.048	0.059	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	132322	1745	50	24	24.7	24.1	0.073	0.084	0.047	0.054	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	132322	1745	1	49	25.0	24.1	0.166	0.204	0.122	0.150	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	132322	1745	50	24	24.7	24.1	0.170	0.195	0.114	0.131	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	132322	1745	1	49	25.0	24.1	0.069	0.085	0.046	0.057	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	132322	1745	50	24	24.7	24.1	0.069	0.079	0.046	0.053	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	132322	1745	1	49	20.8	19.9	0.501	0.616	0.259	0.319	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	132322	1745	50	24	20.8	19.9	0.501	0.616	0.259	0.319	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	132322	1745	1	49	20.8	19.9	0.361	0.444	0.198	0.244	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	132322	1745	50	24	20.8	19.9	0.363	0.447	0.199	0.245	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	132322	1745	1	49	20.8	19.9	0.224	0.276	0.117	0.144	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	132322	1745	50	24	20.8	19.9	0.225	0.277	0.118	0.145	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	132322	1745	1	49	20.8	19.9	0.625	0.769	0.302	0.372	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	132322	1745	50	24	20.8	19.9	0.630	0.775	0.304	0.374	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	132322	1745	1	49	20.8	19.9	0.055	0.068	0.029	0.036	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	132322	1745	50	24	20.8	19.9	0.055	0.068	0.029	0.036	
Antenna(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	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	0	18.7	17.3	0.462	0.638	0.221	0.305	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	132322	1745	50	24	18.7	17.3	0.450	0.621	0.216	0.298	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	132322	1745	1	0	18.7	17.3	0.548	0.756	0.256	0.353	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	132322	1745	50	24	18.7	17.3	0.528	0.729	0.246	0.340	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	132322	1745	1	0	18.7	17.3	0.540	0.745	0.266	0.367	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	132322	1745	50	24	18.7	17.3	0.517	0.714	0.257	0.355	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	132072	1720	1	49	18.7	17.3	0.629	0.868	0.295	0.407	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	132072	1720	50	24	18.7	17.4	0.647	0.873	0.300	0.405	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	132072	1720	100	0	18.7	17.3	0.643	**0.888**	0.300	0.414	40
ANT 2	Head	QPSK	Mode A	0	Right Tilt	132322	1745	1	0	18.7	17.3	0.606	0.837	0.285	0.393	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	132322	1745	50	24	18.7	17.3	0.582	0.803	0.275	0.380	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	132572	1770	1	49	18.7	17.4	0.468	0.631	0.225	0.304	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	132572	1770	50	50	18.7	17.3	0.455	0.628	0.218	0.301	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	132322	1745	1	0	17.8	16.4	0.408	0.563	0.206	0.284	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	132322	1745	50	50	17.8	16.4	0.388	0.536	0.196	0.271	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	132322	1745	1	0	17.8	16.4	0.378	0.522	0.184	0.254	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	132322	1745	50	50	17.8	16.4	0.374	0.516	0.182	0.251	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	132072	1720	1	49	17.8	16.4	0.657	**0.907**	0.302	0.417	41
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	132072	1720	50	24	17.8	16.5	0.652	0.880	0.299	0.403	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	132072	1720	100	0	17.8	16.6	0.662	0.873	0.306	0.403	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	132322	1745	1	0	17.8	16.4	0.643	0.888	0.297	0.410	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	132322	1745	50	50	17.8	16.4	0.635	0.877	0.294	0.406	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	132572	1770	1	49	17.8	16.4	0.571	0.788	0.266	0.367	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	132572	1770	50	50	17.8	16.5	0.558	0.753	0.260	0.351	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	132322	1745	1	0	17.8	16.4	0.002	0.003	0.001	0.001	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	132322	1745	50	50	17.8	16.4	0.002	0.003	0.001	0.001	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	132322	1745	1	0	17.8	16.4	0.280	0.387	0.133	0.184	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	132322	1745	50	50	17.8	16.4	0.297	0.410	0.140	0.193	
Antenna(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	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	99	22.9	21.8	0.174	0.224	0.112	0.144	
ANT 3	Head	QPSK	Mode A	0	Left Cheek	132322	1745	50	50	22.9	21.8	0.170	0.219	0.109	0.140	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	132322	1745	1	99	22.9	21.8	0.091	0.117	0.061	0.079	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	132322	1745	50	50	22.9	21.8	0.091	0.117	0.060	0.077	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	132322	1745	1	99	22.9	21.8	0.075	0.097	0.050	0.064	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	132322	1745	50	50	22.9	21.8	0.076	0.098	0.051	0.066	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	132322	1745	1	99	22.9	21.8	0.066	0.085	0.045	0.058	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	132322	1745	50	50	22.9	21.8	0.067	0.086	0.045	0.058	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	132322	1745	1	0	20.0	19.0	0.544	**0.685**	0.271	0.341	42
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	132322	1745	50	24	20.0	18.9	0.523	0.674	0.258	0.332	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	132322	1745	1	0	20.0	19.0	0.465	0.585	0.234	0.295	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	132322	1745	50	24	20.0	18.9	0.446	0.575	0.223	0.287	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	132322	1745	1	0	20.0	19.0	0.221	0.278	0.122	0.154	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	132322	1745	50	24	20.0	18.9	0.217	0.280	0.119	0.153	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	132322	1745	1	0	20.0	19.0	0.448	0.564	0.220	0.277	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	132322	1745	50	24	20.0	18.9	0.427	0.550	0.209	0.269	
Antenna(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	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	132322	1745	1	99	18.7	18.0	0.618	0.726	0.301	0.354	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	132322	1745	50	24	18.7	18.0	0.645	0.758	0.309	0.363	
ANT 4	Head	QPSK	Mode A	0	Left Tilt	132322	1745	1	99	18.7	18.0	0.445	0.523	0.232	0.273	
ANT 4	Head	QPSK	Mode A	0	Left Tilt	132322	1745	50	24	18.7	18.0	0.440	0.517	0.231	0.271	
ANT 4	Head	QPSK	Mode A	0	Right Cheek	132322	1745	1	99	18.7	18.0	0.200	0.235	0.116	0.136	
ANT 4	Head	QPSK	Mode A	0	Right Cheek	132322	1745	50	24	18.7	18.0	0.201	0.236	0.116	0.136	
ANT 4	Head	QPSK	Mode A	0	Right Tilt	132322	1745	1	99	18.7	18.0	0.160	0.188	0.095	0.112	
ANT 4	Head	QPSK	Mode A	0	Right Tilt	132322	1745	50	24	18.7	18.0	0.158	0.186	0.094	0.110	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	132322	1745	1	49	20.0	18.6	0.491	0.678	0.241	0.333	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	132322	1745	50	24	20.0	18.7	0.499	0.673	0.245	0.330	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Front	132322	1745	1	49	20.0	18.6	0.363	0.501	0.184	0.254	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Front	132322	1745	50	24	20.0	18.7	0.361	0.487	0.183	0.247	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Top	132322	1745	1	49	20.0	18.6	0.187	0.258	0.091	0.126	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Top	132322	1745	50	24	20.0	18.7	0.190	0.256	0.092	0.124	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	132322	1745	1	49	20.0	18.6	0.434	0.599	0.201	0.277	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	132322	1745	50	24	20.0	18.7	0.431	0.581	0.199	0.268	

10.19. LTE Band 71 (20MHz Bandwidth)

Antenna(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	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	24.9	0.151	0.182	0.119	0.143	
ANT 1	Head	QPSK	Mode A	0	Left Cheek	133297	680.5	50	24	24.7	24.3	0.131	0.144	0.102	0.112	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	133297	680.5	1	49	25.7	24.9	0.082	0.099	0.065	0.078	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	133297	680.5	50	24	24.7	24.3	0.071	0.078	0.056	0.061	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	133297	680.5	1	49	25.7	24.9	0.180	0.216	0.141	0.170	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	133297	680.5	50	24	24.7	24.3	0.157	0.172	0.123	0.135	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	133297	680.5	1	49	25.7	24.9	0.092	0.111	0.073	0.088	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	133297	680.5	50	24	24.7	24.3	0.079	0.087	0.063	0.069	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	133297	680.5	1	49	25.7	24.9	0.749	**0.900**	0.387	0.465	43
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	133297	680.5	50	24	24.7	24.3	0.653	0.716	0.336	0.368	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	133297	680.5	1	49	25.7	24.9	0.245	0.295	0.164	0.197	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	133297	680.5	50	24	24.7	24.3	0.207	0.227	0.137	0.150	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	133297	680.5	1	49	25.7	24.9	0.789	**0.949**	0.522	0.628	44
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	133297	680.5	50	24	24.7	24.3	0.686	0.752	0.453	0.497	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	133297	680.5	1	49	25.7	24.9	0.174	0.209	0.075	0.090	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	133297	680.5	50	24	24.7	24.3	0.152	0.167	0.066	0.072	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	133297	680.5	1	49	25.7	24.9	0.696	0.837	0.458	0.551	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	133297	680.5	50	24	24.7	24.3	0.599	0.657	0.395	0.433	
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**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	25.2	24.0	0.637	0.840	0.380	0.501	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	133297	680.5	50	24	24.2	23.4	0.548	0.659	0.326	0.392	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	133297	680.5	1	49	25.2	24.0	0.507	0.668	0.284	0.374	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	133297	680.5	50	24	24.2	23.4	0.432	0.519	0.240	0.289	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	133297	680.5	1	49	25.2	24.0	0.660	**0.870**	0.428	0.564	45
ANT 2	Head	QPSK	Mode A	0	Right Cheek	133297	680.5	50	24	24.2	23.4	0.593	0.713	0.387	0.465	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	133297	680.5	1	49	25.2	24.0	0.605	0.798	0.302	0.398	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	133297	680.5	50	24	24.2	23.4	0.525	0.631	0.267	0.321	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	133297	680.5	1	49	25.2	24.0	0.315	0.415	0.193	0.254	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	133297	680.5	50	24	24.2	23.4	0.279	0.335	0.169	0.203	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	133297	680.5	1	49	25.2	24.0	0.235	0.310	0.146	0.192	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	133297	680.5	50	24	24.2	23.4	0.202	0.243	0.125	0.150	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	133297	680.5	1	49	25.2	24.0	0.225	0.297	0.109	0.144	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	133297	680.5	50	24	24.2	23.4	0.194	0.233	0.094	0.113	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	133297	680.5	1	49	25.2	24.0	0.149	0.196	0.101	0.133	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	133297	680.5	50	24	24.2	23.4	0.131	0.157	0.089	0.107	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	133297	680.5	1	49	25.2	24.0	0.395	0.521	0.266	0.351	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	133297	680.5	50	24	24.2	23.4	0.332	0.399	0.225	0.271	

10.20. NR Band n5 (20MHz Bandwidth)

Antenna(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	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	1	25.7	25.1	0.173	0.199	0.133	0.153	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	167300	836.5	50	28	25.7	24.9	0.169	0.203	0.128	0.154	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	167300	836.5	1	1	25.7	25.1	0.097	0.111	0.075	0.086	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	167300	836.5	50	28	25.7	24.9	0.112	0.135	0.086	0.103	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	167300	836.5	1	1	25.7	25.1	0.197	0.226	0.149	0.171	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	167300	836.5	50	28	25.7	24.9	0.187	0.225	0.143	0.172	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	167300	836.5	1	1	25.7	25.1	0.104	0.119	0.081	0.093	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	167300	836.5	50	28	25.7	24.9	0.106	0.127	0.082	0.099	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	167300	836.5	1	1	25.7	25.1	0.540	0.620	0.312	0.358	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	167300	836.5	50	28	25.7	24.9	0.545	0.655	0.317	0.381	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	167300	836.5	1	1	25.7	25.1	0.374	0.429	0.224	0.257	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	167300	836.5	50	28	25.7	24.9	0.384	0.462	0.232	0.279	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	167300	836.5	1	1	25.7	25.1	0.494	0.567	0.319	0.366	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	167300	836.5	50	28	25.7	24.9	0.487	0.586	0.315	0.379	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	167300	836.5	1	1	25.7	25.1	0.339	0.389	0.145	0.166	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	167300	836.5	50	28	25.7	24.9	0.336	0.404	0.142	0.171	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	167300	836.5	1	1	25.7	25.1	0.365	0.419	0.235	0.270	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	167300	836.5	50	28	25.7	24.9	0.353	0.424	0.228	0.274	
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**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	1	23.4	22.5	0.673	0.828	0.443	0.545	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	167300	836.5	50	28	23.4	22.3	0.598	0.770	0.382	0.492	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	167300	836.5	1	1	23.4	22.5	0.445	0.547	0.261	0.321	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	167300	836.5	50	28	23.4	22.3	0.413	0.532	0.243	0.313	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	167300	836.5	1	1	23.4	22.5	0.747	**0.919**	0.487	0.599	46
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	167300	836.5	50	28	23.4	22.3	0.718	0.925	0.499	0.643	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	167300	836.5	1	1	23.4	22.5	0.463	0.570	0.276	0.340	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	167300	836.5	50	28	23.4	22.3	0.424	0.546	0.252	0.325	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	167300	836.5	1	1	25.2	24.2	0.531	**0.668**	0.336	0.423	47
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	167300	836.5	50	28	25.2	24.1	0.516	0.665	0.328	0.423	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	167300	836.5	1	1	25.2	24.2	0.358	0.451	0.227	0.286	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	167300	836.5	50	28	25.2	24.1	0.351	0.452	0.224	0.289	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	167300	836.5	1	1	25.2	24.2	0.292	0.368	0.146	0.184	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	167300	836.5	50	28	25.2	24.1	0.297	0.383	0.151	0.195	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	167300	836.5	1	1	25.2	24.2	0.167	0.210	0.108	0.136	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	167300	836.5	50	28	25.2	24.1	0.170	0.219	0.111	0.143	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	167300	836.5	1	1	25.2	24.2	0.426	0.536	0.279	0.351	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	167300	836.5	50	28	25.2	24.1	0.451	0.581	0.295	0.380	

10.21. NR Band n7 (40MHz Bandwidth)

Antenna(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	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	214	22.0	21.2	0.036	0.043	0.020	0.024	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	507000	2535	108	54	22.0	21.0	0.042	0.053	0.024	0.030	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	507000	2535	1	214	22.0	21.2	0.033	0.040	0.017	0.020	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	507000	2535	108	54	22.0	21.0	0.041	0.052	0.021	0.026	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	507000	2535	1	214	22.0	21.2	0.107	0.129	0.059	0.071	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	507000	2535	108	54	22.0	21.0	0.105	0.132	0.059	0.074	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	507000	2535	1	214	22.0	21.2	0.038	0.046	0.021	0.025	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	507000	2535	108	54	22.0	21.0	0.046	0.058	0.025	0.031	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	507000	2535	1	214	20.8	20.0	0.466	0.560	0.193	0.232	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	507000	2535	108	54	20.8	19.8	0.418	0.526	0.194	0.244	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	507000	2535	1	214	20.8	20.0	0.189	0.227	0.084	0.101	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	507000	2535	108	54	20.8	19.8	0.209	0.263	0.086	0.108	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	507000	2535	1	214	20.8	20.0	0.559	0.672	0.231	0.278	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	507000	2535	108	54	20.8	19.8	0.598	0.753	0.249	0.313	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	507000	2535	1	214	20.8	20.0	0.240	0.289	0.085	0.102	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	507000	2535	108	54	20.8	19.8	0.209	0.263	0.076	0.096	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	507000	2535	1	214	20.8	20.0	0.067	0.081	0.030	0.036	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	507000	2535	108	54	20.8	19.8	0.067	0.084	0.030	0.038	
Antenna(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	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	1	17.7	16.6	0.438	0.564	0.161	0.207	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	507000	2535	108	54	17.7	16.3	0.444	0.613	0.164	0.226	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	507000	2535	1	1	17.7	16.6	0.489	0.630	0.179	0.231	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	507000	2535	108	54	17.7	16.3	0.489	0.675	0.177	0.244	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	507000	2535	1	1	17.7	16.6	0.592	0.763	0.239	0.308	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	507000	2535	108	54	17.7	16.3	0.604	**0.834**	0.242	0.334	48
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	507000	2535	1	1	17.7	16.6	0.453	0.584	0.178	0.229	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	507000	2535	108	54	17.7	16.3	0.488	0.674	0.189	0.261	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	507000	2535	1	214	18.3	17.3	0.515	0.648	0.210	0.264	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	507000	2535	108	54	18.3	17.1	0.553	0.729	0.222	0.293	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	507000	2535	1	214	18.3	17.3	0.338	0.426	0.140	0.176	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	507000	2535	108	54	18.3	17.1	0.353	0.465	0.148	0.195	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	507000	2535	1	214	18.3	17.3	0.594	0.748	0.219	0.276	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	507000	2535	108	54	18.3	17.1	0.600	0.791	0.219	0.289	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	507000	2535	1	214	18.3	17.3	0.029	0.037	0.014	0.018	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	507000	2535	108	54	18.3	17.1	0.023	0.030	0.012	0.016	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	507000	2535	1	214	18.3	17.3	0.456	0.574	0.200	0.252	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	507000	2535	108	54	18.3	17.1	0.442	0.583	0.196	0.258	
Antenna(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	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	214	21.4	20.6	0.184	0.221	0.103	0.124	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	507000	2535	108	54	21.4	20.4	0.190	0.239	0.106	0.133	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	507000	2535	1	214	21.4	20.6	0.083	0.100	0.044	0.053	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	507000	2535	108	54	21.4	20.4	0.082	0.103	0.044	0.055	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	507000	2535	1	214	21.4	20.6	0.098	0.118	0.056	0.067	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	507000	2535	108	54	21.4	20.4	0.103	0.130	0.059	0.074	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	507000	2535	1	214	21.4	20.6	0.109	0.131	0.055	0.066	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	507000	2535	108	54	21.4	20.4	0.107	0.135	0.054	0.068	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	507000	2535	1	1	19.3	18.4	0.430	0.529	0.193	0.237	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	507000	2535	108	54	19.3	18.2	0.441	0.568	0.197	0.254	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	507000	2535	1	1	19.3	18.4	0.439	0.540	0.210	0.258	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	507000	2535	108	54	19.3	18.2	0.434	0.559	0.208	0.268	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	507000	2535	1	1	19.3	18.4	0.208	0.256	0.098	0.121	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	507000	2535	108	54	19.3	18.2	0.220	0.283	0.102	0.131	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	507000	2535	1	1	19.3	18.4	0.490	0.603	0.225	0.277	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	507000	2535	108	54	19.3	18.2	0.473	0.609	0.218	0.281	
Antenna(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	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	1	18.7	18.1	0.529	0.607	0.254	0.292	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	507000	2535	108	54	18.7	17.8	0.505	0.621	0.241	0.296	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	507000	2535	1	1	18.7	18.1	0.381	0.437	0.178	0.204	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	507000	2535	108	54	18.7	17.8	0.353	0.434	0.164	0.202	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	507000	2535	1	1	18.7	18.1	0.177	0.203	0.096	0.110	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	507000	2535	108	54	18.7	17.8	0.162	0.199	0.087	0.107	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	507000	2535	1	1	18.7	18.1	0.116	0.133	0.059	0.068	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	507000	2535	108	54	18.7	17.8	0.110	0.135	0.055	0.068	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	507000	2535	1	1	19.6	19.1	0.876	**0.983**	0.467	0.524	49
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	507000	2535	108	54	19.6	19.1	0.782	0.877	0.413	0.463	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	507000	2535	1	1	19.6	19.1	0.448	0.503	0.226	0.254	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	507000	2535	108	54	19.6	19.1	0.397	0.445	0.198	0.222	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	507000	2535	1	1	19.6	19.1	0.221	0.248	0.091	0.102	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	507000	2535	108	54	19.6	19.1	0.220	0.247	0.091	0.102	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	507000	2535	1	1	19.6	19.1	0.780	0.875	0.358	0.402	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	507000	2535	108	54	19.6	19.1	0.731	0.820	0.330	0.370	

10.22. NR Band n12 (15MHz Bandwidth)

Antenna(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	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	1	25.7	25.2	0.147	0.165	0.114	0.128	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	141500	707.5	36	22	25.7	25.0	0.142	0.167	0.111	0.130	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	141500	707.5	1	1	25.7	25.2	0.067	0.075	0.052	0.058	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	141500	707.5	36	22	25.7	25.0	0.055	0.065	0.043	0.051	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	141500	707.5	1	1	25.7	25.2	0.160	0.180	0.123	0.138	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	141500	707.5	36	22	25.7	25.0	0.155	0.182	0.120	0.141	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	141500	707.5	1	1	25.7	25.2	0.055	0.062	0.028	0.031	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	141500	707.5	36	22	25.7	25.0	0.047	0.055	0.037	0.043	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	141500	707.5	1	1	25.7	25.2	0.420	0.471	0.254	0.285	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	141500	707.5	36	22	25.7	25.0	0.408	0.479	0.249	0.293	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	141500	707.5	1	1	25.7	25.2	0.244	0.274	0.153	0.172	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	141500	707.5	36	22	25.7	25.0	0.237	0.278	0.150	0.176	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	141500	707.5	1	1	25.7	25.2	0.530	0.595	0.361	0.405	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	141500	707.5	36	22	25.7	25.0	0.470	0.552	0.321	0.377	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	141500	707.5	1	1	25.7	25.2	0.227	0.255	0.104	0.117	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	141500	707.5	36	22	25.7	25.0	0.225	0.264	0.104	0.122	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	141500	707.5	1	1	25.7	25.2	0.270	0.303	0.184	0.206	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	141500	707.5	36	22	25.7	25.0	0.249	0.293	0.169	0.199	
Antenna(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	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	1	25.2	24.2	0.552	0.695	0.336	0.423	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	141500	707.5	36	22	25.2	24.0	0.516	0.680	0.314	0.414	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	141500	707.5	1	1	25.2	24.2	0.501	0.631	0.268	0.337	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	141500	707.5	36	22	25.2	24.0	0.464	0.612	0.258	0.340	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	141500	707.5	1	1	25.2	24.2	0.643	**0.809**	0.403	0.507	50
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	141500	707.5	36	22	25.2	24.0	0.582	0.767	0.364	0.480	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	141500	707.5	1	1	25.2	24.2	0.593	0.747	0.313	0.394	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	141500	707.5	36	22	25.2	24.0	0.538	0.709	0.279	0.368	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	141500	707.5	1	1	25.2	24.2	0.395	**0.497**	0.239	0.301	51
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	141500	707.5	36	22	25.2	24.0	0.374	0.493	0.228	0.301	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	141500	707.5	1	1	25.2	24.2	0.250	0.315	0.155	0.195	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	141500	707.5	36	22	25.2	24.0	0.243	0.320	0.152	0.200	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	141500	707.5	1	1	25.2	24.2	0.260	0.327	0.126	0.159	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	141500	707.5	36	22	25.2	24.0	0.249	0.328	0.122	0.161	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	141500	707.5	1	1	25.2	24.2	0.221	0.278	0.147	0.185	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	141500	707.5	36	22	25.2	24.0	0.225	0.297	0.149	0.196	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	141500	707.5	1	1	25.2	24.2	0.576	**0.725**	0.382	0.481	52
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	141500	707.5	36	22	25.2	24.0	0.486	0.641	0.322	0.424	

10.23. NR Band n14 (10MHz Bandwidth)

Antenna(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	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	50	25.7	24.8	0.170	0.209	0.128	0.157	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	158600	793	25	14	25.7	24.8	0.165	0.203	0.125	0.154	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	158600	793	1	50	25.7	24.8	0.093	0.114	0.072	0.089	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	158600	793	25	14	25.7	24.8	0.088	0.108	0.070	0.086	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	158600	793	1	50	25.7	24.8	0.187	0.230	0.144	0.177	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	158600	793	25	14	25.7	24.8	0.185	0.228	0.143	0.176	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	158600	793	1	50	25.7	24.8	0.097	0.119	0.077	0.095	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	158600	793	25	14	25.7	24.8	0.106	0.130	0.084	0.103	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	158600	793	1	50	25.7	24.8	0.448	0.551	0.281	0.346	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	158600	793	25	14	25.7	24.8	0.445	**0.547**	0.267	0.328	53
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	158600	793	1	50	25.7	24.8	0.309	0.380	0.190	0.234	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	158600	793	25	14	25.7	24.8	0.295	0.363	0.189	0.233	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	158600	793	1	50	25.7	24.8	0.489	**0.602**	0.321	0.395	54
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	158600	793	25	14	25.7	24.8	0.488	0.600	0.320	0.394	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	158600	793	1	50	25.7	24.8	0.225	0.277	0.099	0.122	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	158600	793	25	14	25.7	24.8	0.213	0.262	0.094	0.116	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	158600	793	1	50	25.7	24.8	0.301	0.370	0.196	0.241	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	158600	793	25	14	25.7	24.8	0.284	0.349	0.185	0.228	
Antenna(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	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	1	25.2	24.0	0.688	0.907	0.418	0.551	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	158600	793	25	14	25.2	23.8	0.619	0.854	0.391	0.540	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	158600	793	1	1	25.2	24.0	0.579	0.763	0.326	0.430	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	158600	793	25	14	25.2	23.8	0.548	0.756	0.309	0.427	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	158600	793	1	1	25.2	24.0	0.696	0.918	0.467	0.616	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	158600	793	25	14	25.2	23.8	0.679	**0.937**	0.432	0.596	55
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	158600	793	1	1	25.2	24.0	0.526	0.693	0.287	0.378	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	158600	793	25	14	25.2	23.8	0.470	0.649	0.262	0.362	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	158600	793	1	1	25.2	24.0	0.377	0.497	0.238	0.314	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	158600	793	25	14	25.2	23.8	0.373	0.515	0.235	0.324	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	158600	793	1	1	25.2	24.0	0.314	0.414	0.197	0.260	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	158600	793	25	14	25.2	23.8	0.314	0.433	0.198	0.273	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	158600	793	1	1	25.2	24.0	0.272	0.359	0.138	0.182	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	158600	793	25	14	25.2	23.8	0.278	0.384	0.141	0.195	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	158600	793	1	1	25.2	24.0	0.136	0.179	0.089	0.117	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	158600	793	25	14	25.2	23.8	0.129	0.178	0.084	0.116	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	158600	793	1	1	25.2	24.0	0.414	0.546	0.271	0.357	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	158600	793	25	14	25.2	23.8	0.381	0.526	0.250	0.345	

10.24. NR Band n25 (40MHz Bandwidth)

Antenna(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	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	1	24.0	23.4	0.110	0.126	0.071	0.082	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	376500	1882.5	108	54	24.0	23.2	0.099	0.119	0.064	0.077	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	376500	1882.5	1	1	24.0	23.4	0.101	0.116	0.059	0.068	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	376500	1882.5	108	54	24.0	23.2	0.092	0.111	0.054	0.065	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	376500	1882.5	1	1	24.0	23.4	0.201	0.231	0.124	0.142	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	376500	1882.5	108	54	24.0	23.2	0.199	0.239	0.124	0.149	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	376500	1882.5	1	1	24.0	23.4	0.082	0.094	0.052	0.060	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	376500	1882.5	108	54	24.0	23.2	0.078	0.094	0.049	0.059	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	376500	1882.5	1	214	21.7	21.1	0.564	0.648	0.285	0.327	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	376500	1882.5	108	54	21.7	20.9	0.579	0.696	0.295	0.355	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	376500	1882.5	1	214	21.7	21.1	0.358	0.411	0.192	0.220	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	376500	1882.5	108	54	21.7	20.9	0.396	0.476	0.211	0.254	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	376500	1882.5	1	214	21.7	21.1	0.660	0.758	0.323	0.371	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	376500	1882.5	108	54	21.7	20.9	0.642	0.772	0.316	0.380	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	376500	1882.5	1	214	21.7	21.1	0.352	0.404	0.172	0.197	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	376500	1882.5	108	54	21.7	20.9	0.390	0.469	0.192	0.231	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	376500	1882.5	1	214	21.7	21.1	0.015	0.017	0.008	0.009	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	376500	1882.5	108	54	21.7	20.9	0.013	0.016	0.007	0.008	
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**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	214	19.5	18.5	0.190	0.239	0.239	0.301	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	376500	1882.5	108	54	19.5	18.3	0.194	0.256	0.120	0.158	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	376500	1882.5	1	214	19.5	18.5	0.116	0.146	0.069	0.087	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	376500	1882.5	108	54	19.5	18.3	0.120	0.158	0.069	0.091	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	376500	1882.5	1	214	19.5	18.5	0.543	0.684	0.303	0.381	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	376500	1882.5	108	54	19.5	18.3	0.582	**0.767**	0.322	0.424	56
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	376500	1882.5	1	214	19.5	18.5	0.409	0.515	0.202	0.254	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	376500	1882.5	108	54	19.5	18.3	0.427	0.563	0.211	0.278	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	376500	1882.5	1	214	19.7	18.7	0.694	0.874	0.300	0.378	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	376500	1882.5	108	54	19.7	18.5	0.699	**0.921**	0.305	0.402	57
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	376500	1882.5	1	214	19.7	18.7	0.310	0.390	0.162	0.204	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	376500	1882.5	108	54	19.7	18.5	0.339	0.447	0.175	0.231	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	376500	1882.5	1	214	19.7	18.7	0.292	0.368	0.127	0.160	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	376500	1882.5	108	54	19.7	18.5	0.322	0.424	0.145	0.191	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	376500	1882.5	1	214	19.7	18.7	0.013	0.016	0.007	0.009	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	376500	1882.5	108	54	19.7	18.5	0.015	0.020	0.008	0.011	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	376500	1882.5	1	214	19.7	18.7	0.460	0.579	0.237	0.298	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	376500	1882.5	108	54	19.7	18.5	0.491	0.647	0.250	0.330	
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**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	1	21.3	20.7	0.133	0.153	0.082	0.094	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	376500	1882.5	108	54	21.3	20.7	0.136	0.156	0.084	0.096	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	376500	1882.5	1	1	21.3	20.7	0.072	0.083	0.041	0.047	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	376500	1882.5	108	54	21.3	20.7	0.057	0.065	0.033	0.038	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	376500	1882.5	1	1	21.3	20.7	0.075	0.086	0.047	0.054	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	376500	1882.5	108	54	21.3	20.7	0.074	0.085	0.047	0.054	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	376500	1882.5	1	1	21.3	20.7	0.047	0.054	0.027	0.031	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	376500	1882.5	108	54	21.3	20.7	0.044	0.051	0.026	0.030	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	376500	1882.5	1	214	20.7	20.1	0.490	0.563	0.272	0.312	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	376500	1882.5	108	54	20.7	20.1	0.470	0.540	0.253	0.290	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	376500	1882.5	1	214	20.7	20.1	0.475	0.545	0.256	0.294	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	376500	1882.5	108	54	20.7	20.1	0.491	0.564	0.266	0.305	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	376500	1882.5	1	214	20.7	20.1	0.406	0.466	0.219	0.251	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	376500	1882.5	108	54	20.7	20.1	0.405	0.465	0.219	0.251	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	376500	1882.5	1	214	20.7	20.1	0.608	0.698	0.317	0.364	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	376500	1882.5	108	54	20.7	20.1	0.576	0.661	0.301	0.346	
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**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	214	19.1	18.5	0.612	0.703	0.327	0.375	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	376500	1882.5	108	54	19.1	18.4	0.651	0.765	0.346	0.407	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	376500	1882.5	1	214	19.1	18.5	0.366	0.420	0.195	0.224	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	376500	1882.5	108	54	19.1	18.4	0.394	0.463	0.206	0.242	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	376500	1882.5	1	214	19.1	18.5	0.187	0.215	0.113	0.130	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	376500	1882.5	108	54	19.1	18.4	0.186	0.219	0.107	0.126	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	376500	1882.5	1	214	19.1	18.5	0.135	0.155	0.079	0.091	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	376500	1882.5	108	54	19.1	18.4	0.137	0.161	0.080	0.094	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	376500	1882.5	1	214	19.1	18.5	0.494	0.567	0.251	0.288	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	376500	1882.5	108	54	19.1	18.4	0.469	0.551	0.244	0.287	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	376500	1882.5	1	214	19.1	18.5	0.328	0.377	0.169	0.194	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	376500	1882.5	108	54	19.1	18.4	0.329	0.387	0.180	0.211	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	376500	1882.5	1	214	19.1	18.5	0.155	0.178	0.075	0.086	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	376500	1882.5	108	54	19.1	18.4	0.170	0.200	0.078	0.092	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	376500	1882.5	1	214	19.1	18.5	0.433	0.497	0.212	0.243	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	376500	1882.5	108	54	19.1	18.4	0.437	0.513	0.216	0.254	

10.25. NR Band n26 (20MHz Bandwidth)

Antenna(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	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	104	25.7	25.0	0.153	0.180	0.124	0.146	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	166300	831.5	50	28	25.7	25.1	0.144	0.165	0.115	0.132	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	166300	831.5	1	104	25.7	25.0	0.104	0.122	0.086	0.101	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	166300	831.5	50	28	25.7	25.1	0.104	0.119	0.085	0.098	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	166300	831.5	1	104	25.7	25.0	0.161	0.189	0.131	0.154	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	166300	831.5	50	28	25.7	25.1	0.170	0.195	0.138	0.158	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	166300	831.5	1	104	25.7	25.0	0.103	0.121	0.083	0.098	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	166300	831.5	50	28	25.7	25.1	0.113	0.130	0.093	0.107	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	166300	831.5	1	104	25.7	25.0	0.531	**0.624**	0.301	0.354	58
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	166300	831.5	50	28	25.7	25.1	0.525	0.603	0.305	0.350	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	166300	831.5	1	104	25.7	25.0	0.305	0.358	0.191	0.224	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	166300	831.5	50	28	25.7	25.1	0.308	0.354	0.189	0.217	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	166300	831.5	1	104	25.7	25.0	0.360	0.423	0.239	0.281	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	166300	831.5	50	28	25.7	25.1	0.391	0.449	0.263	0.302	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	166300	831.5	1	104	25.7	25.0	0.233	0.274	0.101	0.119	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	166300	831.5	50	28	25.7	25.1	0.234	0.269	0.102	0.117	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	166300	831.5	1	104	25.7	25.0	0.201	0.236	0.131	0.154	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	166300	831.5	50	28	25.7	25.1	0.210	0.241	0.138	0.158	
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**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	1	23.4	22.4	0.676	**0.851**	0.439	0.553	59
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	166300	831.5	50	28	23.4	22.3	0.609	0.785	0.403	0.519	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	166300	831.5	1	1	23.4	22.4	0.421	0.530	0.240	0.302	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	166300	831.5	50	28	23.4	22.3	0.420	0.541	0.244	0.314	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	166300	831.5	1	1	23.4	22.4	0.674	0.849	0.451	0.568	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	166300	831.5	50	28	23.4	22.3	0.648	0.835	0.438	0.564	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	166300	831.5	1	1	23.4	22.4	0.414	0.521	0.244	0.307	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	166300	831.5	50	28	23.4	22.3	0.385	0.496	0.220	0.283	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	166300	831.5	1	104	25.2	24.2	0.358	0.451	0.227	0.286	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	166300	831.5	50	28	25.2	24.1	0.311	0.401	0.197	0.254	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	166300	831.5	1	104	25.2	24.2	0.228	0.287	0.145	0.183	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	166300	831.5	50	28	25.2	24.1	0.211	0.272	0.134	0.173	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	166300	831.5	1	104	25.2	24.2	0.186	0.234	0.095	0.120	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	166300	831.5	50	28	25.2	24.1	0.185	0.238	0.095	0.122	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	166300	831.5	1	104	25.2	24.2	0.100	0.126	0.065	0.082	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	166300	831.5	50	28	25.2	24.1	0.125	0.161	0.082	0.106	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	166300	831.5	1	104	25.2	24.2	0.272	0.342	0.178	0.224	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	166300	831.5	50	28	25.2	24.1	0.295	0.380	0.194	0.250	

10.26. NR Band n30 (10MHz Bandwidth)

Antenna(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	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	50	22.1	20.9	0.030	0.040	0.018	0.024	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	462000	2310	25	14	22.1	20.8	0.037	0.050	0.022	0.030	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	462000	2310	1	50	22.1	20.9	0.040	0.053	0.023	0.030	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	462000	2310	25	14	22.1	20.8	0.042	0.057	0.024	0.032	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	462000	2310	1	50	22.1	20.9	0.082	0.108	0.047	0.062	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	462000	2310	25	14	22.1	20.8	0.080	0.108	0.046	0.062	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	462000	2310	1	50	22.1	20.9	0.036	0.047	0.022	0.029	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	462000	2310	25	14	22.1	20.8	0.031	0.042	0.018	0.024	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	462000	2310	1	50	20.5	19.5	0.370	0.466	0.169	0.213	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	462000	2310	25	14	20.5	19.4	0.376	0.484	0.172	0.222	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	462000	2310	1	50	20.5	19.5	0.319	0.402	0.136	0.171	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	462000	2310	25	14	20.5	19.4	0.316	0.407	0.134	0.173	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	462000	2310	1	50	20.5	19.5	0.668	0.841	0.283	0.356	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	462000	2310	25	14	20.5	19.4	0.667	0.859	0.282	0.363	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	462000	2310	1	50	20.5	19.5	0.388	0.488	0.148	0.186	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	462000	2310	25	14	20.5	19.4	0.382	0.492	0.146	0.188	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	462000	2310	1	50	20.5	19.5	0.054	0.068	0.025	0.031	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	462000	2310	25	14	20.5	19.4	0.055	0.071	0.025	0.032	
Antenna(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	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	1	18.6	17.7	0.378	0.465	0.159	0.196	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	462000	2310	25	14	18.6	17.7	0.357	0.439	0.151	0.186	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	462000	2310	1	1	18.6	17.7	0.358	0.440	0.152	0.187	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	462000	2310	25	14	18.6	17.7	0.359	0.442	0.151	0.186	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	462000	2310	1	1	18.6	17.7	0.775	0.953	0.334	0.411	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	462000	2310	25	14	18.6	17.7	0.772	**0.950**	0.313	0.385	60
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	462000	2310	1	1	18.6	17.7	0.596	0.733	0.236	0.290	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	462000	2310	25	14	18.6	17.7	0.636	0.782	0.251	0.309	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	462000	2310	1	1	18.7	17.7	0.698	**0.879**	0.315	0.397	61
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	462000	2310	25	14	18.7	18.0	0.665	0.781	0.312	0.367	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	462000	2310	1	1	18.7	17.7	0.499	0.628	0.222	0.279	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	462000	2310	25	14	18.7	18.0	0.358	0.421	0.166	0.195	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	462000	2310	1	1	18.7	17.7	0.352	0.443	0.139	0.175	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	462000	2310	25	14	18.7	18.0	0.370	0.435	0.145	0.170	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	462000	2310	1	1	18.7	17.7	0.040	0.050	0.020	0.025	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	462000	2310	25	14	18.7	18.0	0.035	0.041	0.017	0.020	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	462000	2310	1	1	18.7	17.7	0.722	0.909	0.332	0.418	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	462000	2310	25	14	18.7	18.0	0.826	**0.970**	0.365	0.429	62
Antenna(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	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	1	21.7	20.3	0.193	0.266	0.114	0.157	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	462000	2310	25	14	21.7	20.5	0.190	0.250	0.112	0.148	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	462000	2310	1	1	21.7	20.3	0.081	0.112	0.046	0.063	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	462000	2310	25	14	21.7	20.5	0.081	0.107	0.046	0.061	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	462000	2310	1	1	21.7	20.3	0.086	0.119	0.051	0.070	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	462000	2310	25	14	21.7	20.5	0.092	0.121	0.054	0.071	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	462000	2310	1	1	21.7	20.3	0.088	0.121	0.049	0.068	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	462000	2310	25	14	21.7	20.5	0.088	0.116	0.049	0.065	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	462000	2310	1	1	19.2	18.1	0.266	0.343	0.133	0.171	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	462000	2310	25	14	19.2	18.0	0.153	0.202	0.084	0.111	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	462000	2310	1	1	19.2	18.1	0.341	0.439	0.164	0.211	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	462000	2310	25	14	19.2	18.0	0.342	0.451	0.165	0.218	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	462000	2310	1	1	19.2	18.1	0.188	0.242	0.097	0.125	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	462000	2310	25	14	19.2	18.0	0.186	0.245	0.096	0.127	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	462000	2310	1	1	19.2	18.1	0.492	0.634	0.238	0.307	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	462000	2310	25	14	19.2	18.0	0.504	0.664	0.243	0.320	
Antenna(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	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	50	18.5	17.6	0.512	0.630	0.258	0.317	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	462000	2310	25	14	18.5	17.5	0.481	0.606	0.244	0.307	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	462000	2310	1	50	18.5	17.6	0.337	0.415	0.160	0.197	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	462000	2310	25	14	18.5	17.5	0.330	0.415	0.157	0.198	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	462000	2310	1	50	18.5	17.6	0.190	0.234	0.105	0.129	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	462000	2310	25	14	18.5	17.5	0.202	0.254	0.112	0.141	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	462000	2310	1	50	18.5	17.6	0.101	0.124	0.054	0.066	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	462000	2310	25	14	18.5	17.5	0.097	0.122	0.052	0.065	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	462000	2310	1	50	20.2	19.3	0.660	0.812	0.334	0.411	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	462000	2310	25	14	20.2	19.1	0.624	0.804	0.315	0.406	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	462000	2310	1	50	20.2	19.3	0.331	0.407	0.173	0.213	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	462000	2310	25	14	20.2	19.1	0.344	0.443	0.184	0.237	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	462000	2310	1	50	20.2	19.3	0.143	0.176	0.059	0.073	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	462000	2310	25	14	20.2	19.1	0.149	0.192	0.061	0.079	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	462000	2310	1	50	20.2	19.3	0.548	0.674	0.280	0.344	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	462000	2310	25	14	20.2	19.1	0.624	0.804	0.315	0.406	

10.27. NR Band n41 PC3 (100MHz Bandwidth)

Antenna(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	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	271	21.4	20.3	0.009	0.012	0.002	0.003	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	518598	2592.99	135	69	21.4	20.1	0.012	0.016	0.004	0.005	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	518598	2592.99	1	271	21.4	20.3	0.009	0.012	0.002	0.003	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	518598	2592.99	135	69	21.4	20.1	0.015	0.020	0.005	0.007	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	518598	2592.99	1	271	21.4	20.3	0.050	0.064	0.027	0.035	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	518598	2592.99	135	69	21.4	20.1	0.066	0.089	0.036	0.049	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	518598	2592.99	1	271	21.4	20.3	0.050	0.064	0.024	0.031	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	518598	2592.99	135	69	21.4	20.1	0.044	0.059	0.022	0.030	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	518598	2592.99	1	271	18.9	18.2	0.231	0.271	0.096	0.113	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	518598	2592.99	135	69	18.9	18.1	0.288	0.346	0.120	0.144	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	518598	2592.99	1	271	18.9	18.2	0.111	0.130	0.050	0.059	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	518598	2592.99	135	69	18.9	18.1	0.128	0.154	0.052	0.063	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	518598	2592.99	1	271	18.9	18.2	0.366	0.430	0.140	0.164	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	518598	2592.99	135	69	18.9	18.1	0.403	0.485	0.159	0.191	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	518598	2592.99	1	271	18.9	18.2	0.139	0.163	0.053	0.062	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	518598	2592.99	135	69	18.9	18.1	0.136	0.164	0.048	0.058	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	518598	2592.99	1	271	18.9	18.2	0.041	0.048	0.018	0.021	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	518598	2592.99	135	69	18.9	18.1	0.041	0.049	0.018	0.022	
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**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	271	17.9	16.6	0.435	0.587	0.159	0.214	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	518598	2592.99	135	69	17.9	16.6	0.458	0.618	0.167	0.225	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	518598	2592.99	1	271	17.9	16.6	0.517	0.697	0.181	0.244	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	518598	2592.99	135	69	17.9	16.6	0.501	0.676	0.177	0.239	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	518598	2592.99	1	271	17.9	16.6	0.477	0.643	0.195	0.263	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	518598	2592.99	135	69	17.9	16.6	0.559	0.754	0.224	0.302	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	518598	2592.99	1	271	17.9	16.6	0.428	0.577	0.163	0.220	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	518598	2592.99	135	69	17.9	16.6	0.414	0.558	0.158	0.213	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	518598	2592.99	1	1	18.3	17.0	0.515	0.695	0.205	0.277	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	518598	2592.99	135	69	18.3	16.9	0.521	0.719	0.202	0.279	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	518598	2592.99	1	1	18.3	17.0	0.360	0.486	0.141	0.190	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	518598	2592.99	135	69	18.3	16.9	0.357	0.493	0.139	0.192	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	518598	2592.99	1	1	18.3	17.0	0.631	0.851	0.230	0.310	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	518598	2592.99	135	69	18.3	16.9	0.583	0.805	0.209	0.289	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	518598	2592.99	1	1	18.3	17.0	0.027	0.036	0.013	0.018	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	518598	2592.99	135	69	18.3	16.9	0.024	0.033	0.012	0.017	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	518598	2592.99	1	1	18.3	17.0	0.666	0.898	0.287	0.387	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	518598	2592.99	135	69	18.3	16.9	0.695	**0.959**	0.294	0.406	63
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**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	1	22.2	21.2	0.233	0.293	0.128	0.161	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	518598	2592.99	135	69	22.2	21.3	0.209	0.257	0.113	0.139	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	518598	2592.99	1	1	22.2	21.2	0.061	0.077	0.030	0.038	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	518598	2592.99	135	69	22.2	21.3	0.091	0.112	0.046	0.057	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	518598	2592.99	1	1	22.2	21.2	0.141	0.178	0.080	0.101	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	518598	2592.99	135	69	22.2	21.3	0.127	0.156	0.074	0.091	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	518598	2592.99	1	1	22.2	21.2	0.155	0.195	0.078	0.098	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	518598	2592.99	135	69	22.2	21.3	0.149	0.183	0.073	0.090	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	518598	2592.99	1	1	19.5	18.7	0.553	0.665	0.271	0.326	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	518598	2592.99	135	69	19.5	18.6	0.535	0.658	0.257	0.316	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	518598	2592.99	1	1	19.5	18.7	0.451	0.542	0.223	0.268	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	518598	2592.99	135	69	19.5	18.6	0.401	0.493	0.203	0.250	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	518598	2592.99	1	1	19.5	18.7	0.104	0.125	0.053	0.064	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	518598	2592.99	135	69	19.5	18.6	0.144	0.177	0.064	0.079	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	518598	2592.99	1	1	19.5	18.7	0.639	0.768	0.290	0.349	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	518598	2592.99	135	69	19.5	18.6	0.606	0.746	0.271	0.333	
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**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	271	19.0	18.5	0.631	0.708	0.284	0.319	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	518598	2592.99	135	69	19.0	18.4	0.692	**0.795**	0.317	0.364	64
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	518598	2592.99	1	271	19.0	18.5	0.417	0.468	0.177	0.199	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	518598	2592.99	135	69	19.0	18.4	0.449	0.516	0.198	0.227	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	518598	2592.99	1	271	19.0	18.5	0.159	0.178	0.086	0.096	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	518598	2592.99	135	69	19.0	18.4	0.163	0.187	0.089	0.102	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	518598	2592.99	1	271	19.0	18.5	0.153	0.172	0.075	0.084	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	518598	2592.99	135	69	19.0	18.4	0.142	0.163	0.071	0.082	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	518598	2592.99	1	271	19.5	18.9	0.709	0.814	0.334	0.383	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	518598	2592.99	135	69	19.5	18.6	0.663	**0.816**	0.340	0.418	65
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	518598	2592.99	1	271	19.5	18.9	0.344	0.395	0.155	0.178	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	518598	2592.99	135	69	19.5	18.6	0.318	0.391	0.154	0.189	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	518598	2592.99	1	271	19.5	18.9	0.141	0.162	0.064	0.073	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	518598	2592.99	135	69	19.5	18.6	0.152	0.187	0.066	0.081	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	518598	2592.99	1	271	19.5	18.9	0.547	0.628	0.235	0.270	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	518598	2592.99	135	69	19.5	18.6	0.579	0.712	0.258	0.317	

10.28. NR Band n41 PC2 (100MHz Bandwidth)

From May 2017 TCB Workshop, SAR tests were performed using Power Class 3. SAR tests for Power Class 2 is performed using the highest SAR test configuration from Power Class 3 for each 5G NR (FR1) TDD configuration and exposure condition combination. Manufacturer/OEM declares operating duty cycle to be 100% and 50% for 5G NR (FR1) TDD Power Class 3 and Power Class 2 respectively. These Duty cycles were used for all 5G NR (FR1) TDD Power Class 3 and Power Class 2 SAR evaluations.
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	Mode(s)	Power Mode(s)	FR1 n41 PC2			FR1 n41 PC3				Linearly scaled	Linearly scaled	Testing Required
				Duty Cycle (%)	Max Output Power	Frame Avg Pwr (mW)	Duty Cycle (%)	Max Output Power	Frame Avg Pwr (mW)	Reported SAR (W/kg)	PC2	PC2	PC2
ANT 1	Head	QPSK	Mode A	50.0%	24.4	137.7	100.0%	21.4	138.0	0.089	0.089	0.0%	No
ANT 1	Body & Hotspot	QPSK	Mode B	50.0%	21.9	77.4	100.0%	18.9	77.6	0.346	0.345	-0.4%	No
ANT 1	Hotspot	QPSK	Mode B	50.0%	21.9	77.4	100.0%	18.9	77.6	0.485	0.483	-0.3%	No
Antenna	RF Exposure Condition	Mode(s)	Power Mode(s)	FR1 n41 PC2			FR1 n41 PC3				Linearly scaled	Linearly scaled	Testing Required
				Duty Cycle (%)	Max Output Power	Frame Avg Pwr (mW)	Duty Cycle (%)	Max Output Power	Frame Avg Pwr (mW)	Reported SAR (W/kg)	PC2	PC2	PC2
ANT 2	Head	QPSK	Mode A	50.0%	20.9	61.5	100.0%	17.9	61.7	0.754	0.752	-0.3%	No
ANT 2	Body & Hotspot	QPSK	Mode B	50.0%	21.3	67.5	100.0%	18.3	67.6	0.719	0.717	-0.3%	No
ANT 2	Hotspot	QPSK	Mode B	50.0%	21.3	67.5	100.0%	18.3	67.6	0.959	0.957	-0.2%	No
Antenna	RF Exposure Condition	Mode(s)	Power Mode(s)	FR1 n41 PC2			FR1 n41 PC3				Linearly scaled	Linearly scaled	Testing Required
				Duty Cycle (%)	Max Output Power	Frame Avg Pwr (mW)	Duty Cycle (%)	Max Output Power	Frame Avg Pwr (mW)	Reported SAR (W/kg)	PC2	PC2	PC2
ANT 3	Head	QPSK	Mode A	50.0%	25.2	165.6	100.0%	22.2	166.0	0.293	0.293	-0.1%	No
ANT 3	Body & Hotspot	QPSK	Mode B	50.0%	22.5	88.9	100.0%	19.5	89.1	0.665	0.663	-0.3%	No
ANT 3	Hotspot	QPSK	Mode B	50.0%	22.5	88.9	100.0%	19.5	89.1	0.768	0.766	-0.3%	No
Antenna	RF Exposure Condition	Mode(s)	Power Mode(s)	FR1 n41 PC2			FR1 n41 PC3				Linearly scaled	Linearly scaled	Testing Required
				Duty Cycle (%)	Max Output Power	Frame Avg Pwr (mW)	Duty Cycle (%)	Max Output Power	Frame Avg Pwr (mW)	Reported SAR (W/kg)	PC2	PC2	PC2
ANT 4	Head	QPSK	Mode A	50.0%	22.0	79.2	100.0%	19.0	79.4	0.795	0.793	-0.2%	No
ANT 4	Body & Hotspot	QPSK	Mode B	50.0%	22.5	88.9	100.0%	19.5	89.1	0.816	0.814	-0.2%	No
ANT 4	Hotspot	QPSK	Mode B	50.0%	22.5	88.9	100.0%	19.5	89.1	0.712	0.711	-0.2%	No

Conclusion:

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

10.29. NR Band n48 (100MHz Bandwidth)

Antenna(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	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	642890	3643.35	1	104	22.2	21.5	0.030	0.035	0.010	0.012	
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	642890	3643.35	50	28	22.2	21.4	0.027	0.032	0.010	0.012	
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	642890	3643.35	1	104	22.2	21.5	0.032	0.038	0.009	0.011	
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	642890	3643.35	50	28	22.2	21.4	0.033	0.040	0.009	0.011	
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	642890	3643.35	1	104	22.2	21.5	0.098	0.115	0.042	0.049	
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	642890	3643.35	50	28	22.2	21.4	0.098	0.118	0.044	0.053	
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	642890	3643.35	1	104	22.2	21.5	0.025	0.029	0.009	0.011	
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	642890	3643.35	50	28	22.2	21.4	0.026	0.031	0.010	0.012	
ANT 7	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	642890	3643.35	1	104	19.2	18.8	0.475	0.521	0.170	0.186	
ANT 7	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	642890	3643.35	50	28	19.2	18.6	0.448	0.514	0.161	0.185	
ANT 7	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	642890	3643.35	1	104	19.2	18.8	0.292	0.320	0.112	0.123	
ANT 7	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	642890	3643.35	50	28	19.2	18.6	0.292	0.335	0.113	0.130	
ANT 7	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	642890	3643.35	1	104	19.2	18.8	0.728	0.798	0.256	0.281	
ANT 7	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	642890	3643.35	50	28	19.2	18.6	0.775	**0.890**	0.272	0.312	66
ANT 7	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	642890	3643.35	1	104	19.2	18.8	0.247	0.271	0.068	0.075	
ANT 7	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	642890	3643.35	50	28	19.2	18.6	0.180	0.207	0.048	0.055	

Antenna(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	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	642890	3643.35	1	104	19.0	17.2	0.119	0.180	0.054	0.082	
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	642890	3643.35	50	28	19.0	17.1	0.147	0.228	0.066	0.102	
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	642890	3643.35	1	104	19.0	17.2	0.132	0.200	0.040	0.061	
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	642890	3643.35	50	28	19.0	17.1	0.132	0.204	0.039	0.060	
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	642890	3643.35	1	104	19.0	17.2	0.515	0.779	0.179	0.271	
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	642890	3643.35	50	28	19.0	17.1	0.501	0.776	0.175	0.271	
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	642890	3643.35	1	104	19.0	17.2	0.306	0.463	0.109	0.165	
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	642890	3643.35	50	28	19.0	17.1	0.328	0.508	0.113	0.175	
ANT 8	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	642890	3643.35	1	104	17.4	16.1	0.538	0.726	0.181	0.244	
ANT 8	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	642890	3643.35	50	28	17.4	15.9	0.550	0.777	0.186	0.263	
ANT 8	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	642890	3643.35	1	104	17.4	16.1	0.230	0.310	0.088	0.119	
ANT 8	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	642890	3643.35	50	28	17.4	15.9	0.228	0.322	0.087	0.123	
ANT 8	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	642890	3643.35	1	104	17.4	16.1	0.239	0.322	0.086	0.116	
ANT 8	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	642890	3643.35	50	28	17.4	15.9	0.232	0.328	0.083	0.117	
ANT 8	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	642890	3643.35	1	104	17.4	16.1	0.545	0.735	0.194	0.262	
ANT 8	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	642890	3643.35	50	28	17.4	15.9	0.561	0.792	0.197	0.278	

Antenna(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	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	642890	3643.35	1	1	19.7	18.6	0.154	0.198	0.074	0.095	
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	642890	3643.35	50	28	19.7	18.4	0.151	0.204	0.071	0.096	
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	642890	3643.35	1	1	19.7	18.6	0.051	0.066	0.023	0.030	
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	642890	3643.35	50	28	19.7	18.4	0.041	0.055	0.018	0.024	
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	642890	3643.35	1	1	19.7	18.6	0.094	0.121	0.046	0.059	
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	642890	3643.35	50	28	19.7	18.4	0.091	0.123	0.044	0.059	
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	642890	3643.35	1	1	19.7	18.6	0.075	0.097	0.031	0.040	
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	642890	3643.35	50	28	19.7	18.4	0.066	0.089	0.027	0.036	
ANT 9	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	642890	3643.35	1	1	15.9	14.7	0.510	0.672	0.194	0.256	
ANT 9	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	642890	3643.35	50	28	15.9	14.7	0.477	0.629	0.182	0.240	
ANT 9	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	642890	3643.35	1	1	15.9	14.7	0.260	0.343	0.096	0.127	
ANT 9	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	642890	3643.35	50	28	15.9	14.7	0.239	0.315	0.088	0.116	
ANT 9	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	642890	3643.35	1	1	15.9	14.7	0.121	0.160	0.048	0.063	
ANT 9	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	642890	3643.35	50	28	15.9	14.7	0.117	0.154	0.046	0.061	
ANT 9	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	642890	3643.35	1	1	15.9	14.7	0.576	0.759	0.217	0.286	
ANT 9	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	642890	3643.35	50	28	15.9	14.7	0.523	0.689	0.196	0.258	

Antenna(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	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	642890	3643.35	1	104	21.5	20.8	0.737	0.866	0.269	0.316	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	642890	3643.35	50	28	21.5	20.6	0.777	**0.956**	0.295	0.363	67
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	642890	3643.35	1	104	21.5	20.8	0.573	0.673	0.206	0.242	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	642890	3643.35	50	28	21.5	20.6	0.575	0.707	0.208	0.256	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	642890	3643.35	1	104	21.5	20.8	0.218	0.256	0.091	0.107	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	642890	3643.35	50	28	21.5	20.6	0.246	0.303	0.104	0.128	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	642890	3643.35	1	104	21.5	20.8	0.177	0.208	0.065	0.076	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	642890	3643.35	50	0.7	21.5	20.6	0.184	0.226	0.070	0.086	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	642890	3643.35	1	104	20.0	19.4	0.718	**0.824**	0.272	0.312	68
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	642890	3643.35	50	28	20.0	19.3	0.689	0.810	0.266	0.313	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	642890	3643.35	1	104	20.0	19.4	0.176	0.202	0.067	0.077	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	642890	3643.35	50	28	20.0	19.3	0.170	0.200	0.066	0.078	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	642890	3643.35	1	104	20.0	19.4	0.122	0.140	0.049	0.056	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	642890	3643.35	50	28	20.0	19.3	0.125	0.147	0.049	0.058	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	642890	3643.35	1	104	20.0	19.4	0.434	0.498	0.163	0.187	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	642890	3643.35	50	28	20.0	19.3	0.406	0.477	0.152	0.179	

10.30. NR Band n53 (10MHz Bandwidth)

Antenna(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	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	497860	2489.3	1	22	20.7	20.1	0.042	0.048	0.023	0.026	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	497860	2489.3	12	6	20.7	19.6	0.043	0.055	0.022	0.028	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	497860	2489.3	1	22	20.7	20.1	0.042	0.048	0.020	0.023	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	497860	2489.3	12	6	20.7	19.6	0.042	0.054	0.021	0.027	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	497860	2489.3	1	22	20.7	20.1	0.087	0.100	0.047	0.054	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	497860	2489.3	12	6	20.7	19.6	0.079	0.102	0.042	0.054	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	497860	2489.3	1	22	20.7	20.1	0.028	0.032	0.015	0.017	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	497860	2489.3	12	6	20.7	19.6	0.024	0.031	0.012	0.015	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	497860	2489.3	1	22	20.7	20.1	0.443	0.509	0.198	0.227	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	497860	2489.3	12	6	20.7	19.6	0.390	0.502	0.174	0.224	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	497860	2489.3	1	22	20.7	20.1	0.266	0.305	0.122	0.140	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	497860	2489.3	12	6	20.7	19.6	0.263	0.339	0.120	0.155	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	497860	2489.3	1	22	20.7	20.1	0.717	0.823	0.301	0.346	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	497860	2489.3	12	6	20.7	19.6	0.689	0.888	0.291	0.375	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	497860	2489.3	1	22	20.7	20.1	0.198	0.227	0.079	0.091	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	497860	2489.3	12	6	20.7	19.6	0.199	0.256	0.080	0.103	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	497860	2489.3	1	22	20.7	20.1	0.052	0.060	0.024	0.028	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	497860	2489.3	12	6	20.7	19.6	0.043	0.055	0.020	0.026	
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**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	497860	2489.3	1	22	17.9	16.9	0.477	0.601	0.179	0.225	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	497860	2489.3	12	6	17.9	16.6	0.422	0.569	0.159	0.214	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	497860	2489.3	1	22	17.9	16.9	0.544	0.685	0.197	0.248	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	497860	2489.3	12	6	17.9	16.6	0.509	0.687	0.186	0.251	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	497860	2489.3	1	22	17.9	16.9	0.672	0.846	0.267	0.336	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	497860	2489.3	12	6	17.9	16.6	0.651	**0.878**	0.258	0.348	69
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	497860	2489.3	1	22	17.9	16.9	0.460	0.579	0.178	0.224	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	497860	2489.3	12	6	17.9	16.6	0.498	0.672	0.191	0.258	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	497860	2489.3	1	1	19.3	18.2	0.681	0.877	0.283	0.365	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	497860	2489.3	12	6	19.3	18.0	0.692	**0.933**	0.286	0.386	70
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	497860	2489.3	1	1	19.3	18.2	0.388	0.500	0.166	0.214	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	497860	2489.3	12	6	19.3	18.0	0.426	0.575	0.181	0.244	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	497860	2489.3	1	1	19.3	18.2	0.586	0.755	0.218	0.281	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	497860	2489.3	12	6	19.3	18.0	0.600	0.809	0.223	0.301	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	497860	2489.3	1	1	19.3	18.2	0.017	0.022	0.008	0.010	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	497860	2489.3	12	6	19.3	18.0	0.017	0.023	0.008	0.011	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	497860	2489.3	1	1	19.3	18.2	0.548	0.706	0.249	0.321	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	497860	2489.3	12	6	19.3	18.0	0.555	0.749	0.253	0.341	

10.31. NR Band n66 (40MHz Bandwidth)

Antenna(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	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	214	25.0	24.1	0.083	0.102	0.056	0.069	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	349000	1745	108	54	25.0	24.2	0.081	0.097	0.055	0.066	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	349000	1745	1	214	25.0	24.1	0.081	0.100	0.052	0.064	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	349000	1745	108	54	25.0	24.2	0.077	0.093	0.051	0.061	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	349000	1745	1	214	25.0	24.1	0.183	0.225	0.120	0.148	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	349000	1745	108	54	25.0	24.2	0.185	0.222	0.122	0.147	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	349000	1745	1	214	25.0	24.1	0.069	0.085	0.047	0.058	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	349000	1745	108	54	25.0	24.2	0.071	0.085	0.049	0.059	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	349000	1745	1	214	20.8	19.9	0.406	0.499	0.216	0.266	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	349000	1745	108	54	20.8	20.0	0.434	0.522	0.232	0.279	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	349000	1745	1	214	20.8	19.9	0.263	0.324	0.147	0.181	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	349000	1745	108	54	20.8	20.0	0.288	0.346	0.163	0.196	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	349000	1745	1	214	20.8	19.9	0.479	0.589	0.222	0.273	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	349000	1745	108	54	20.8	20.0	0.475	0.571	0.228	0.274	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	349000	1745	1	214	20.8	19.9	0.512	0.630	0.251	0.309	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	349000	1745	108	54	20.8	20.0	0.590	0.709	0.287	0.345	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	349000	1745	1	214	20.8	19.9	0.021	0.026	0.011	0.014	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	349000	1745	108	54	20.8	20.0	0.027	0.032	0.015	0.018	
Antenna(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	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	214	18.7	17.6	0.490	0.631	0.232	0.299	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	349000	1745	108	54	18.7	17.5	0.542	0.714	0.255	0.336	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	349000	1745	1	214	18.7	17.6	0.514	0.662	0.237	0.305	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	349000	1745	108	54	18.7	17.5	0.605	0.798	0.279	0.368	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	349000	1745	1	214	18.7	17.6	0.517	0.666	0.272	0.350	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	349000	1745	108	54	18.7	17.5	0.587	0.774	0.298	0.393	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	349000	1745	1	214	18.7	17.6	0.606	0.781	0.289	0.372	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	349000	1745	108	54	18.7	17.5	0.683	**0.900**	0.319	0.421	71
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	349000	1745	1	1	17.8	16.6	0.471	0.621	0.238	0.314	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	349000	1745	108	54	17.8	16.6	0.430	0.567	0.222	0.293	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	349000	1745	1	1	17.8	16.6	0.433	0.571	0.208	0.274	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	349000	1745	108	54	17.8	16.6	0.416	0.548	0.202	0.266	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	349000	1745	1	1	17.8	16.6	0.620	0.817	0.280	0.369	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	349000	1745	108	54	17.8	16.6	0.665	**0.877**	0.301	0.397	72
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	349000	1745	1	1	17.8	16.6	0.002	0.003	0.000	0.000	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	349000	1745	108	54	17.8	16.6	0.001	0.001	0.000	0.000	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	349000	1745	1	1	17.8	16.6	0.228	0.301	0.112	0.148	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	349000	1745	108	54	17.8	16.6	0.257	0.339	0.125	0.165	
Antenna(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	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	1	22.9	22.0	0.189	0.233	0.121	0.149	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	349000	1745	108	54	22.9	22.0	0.173	0.213	0.110	0.135	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	349000	1745	1	1	22.9	22.0	0.110	0.135	0.073	0.090	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	349000	1745	108	54	22.9	22.0	0.095	0.117	0.063	0.078	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	349000	1745	1	1	22.9	22.0	0.072	0.089	0.048	0.059	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	349000	1745	108	54	22.9	22.0	0.073	0.090	0.049	0.060	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	349000	1745	1	1	22.9	22.0	0.088	0.108	0.061	0.075	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	349000	1745	108	54	22.9	22.0	0.086	0.106	0.058	0.071	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	349000	1745	1	1	20.0	19.2	0.412	0.495	0.208	0.250	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	349000	1745	108	54	20.0	19.1	0.394	0.485	0.198	0.244	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	349000	1745	1	1	20.0	19.2	0.452	0.543	0.232	0.279	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	349000	1745	108	54	20.0	19.1	0.452	0.556	0.231	0.284	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	349000	1745	1	1	20.0	19.2	0.202	0.243	0.112	0.135	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	349000	1745	108	54	20.0	19.1	0.212	0.261	0.120	0.148	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	349000	1745	1	1	20.0	19.2	0.467	0.561	0.236	0.284	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	349000	1745	108	54	20.0	19.1	0.448	0.551	0.223	0.274	
Antenna(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	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	1	18.7	17.9	0.635	0.763	0.318	0.382	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	349000	1745	108	54	18.7	17.9	0.718	0.863	0.347	0.417	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	349000	1745	1	1	18.7	17.9	0.368	0.442	0.193	0.232	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	349000	1745	108	54	18.7	17.9	0.363	0.436	0.193	0.232	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	349000	1745	1	1	18.7	17.9	0.205	0.246	0.121	0.145	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	349000	1745	108	54	18.7	17.9	0.206	0.248	0.123	0.148	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	349000	1745	1	1	18.7	17.9	0.153	0.184	0.088	0.106	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	349000	1745	108	54	18.7	17.9	0.147	0.177	0.085	0.102	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	349000	1745	1	1	20.0	18.8	0.567	0.747	0.278	0.366	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	349000	1745	108	54	20.0	18.8	0.619	**0.816**	0.300	0.395	73
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	349000	1745	1	1	20.0	18.8	0.479	0.631	0.247	0.326	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	349000	1745	108	54	20.0	18.8	0.523	0.689	0.263	0.347	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	349000	1745	1	1	20.0	18.8	0.301	0.397	0.135	0.178	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	349000	1745	108	54	20.0	18.8	0.285	0.376	0.133	0.175	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	349000	1745	1	1	20.0	18.8	0.424	0.559	0.197	0.260	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	349000	1745	108	54	20.0	18.8	0.457	0.602	0.217	0.286	

10.32. NR Band n70 (15MHz Bandwidth)

Antenna(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	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	77	25.0	24.2	0.092	0.111	0.064	0.077	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	340500	1702.5	36	22	25.0	24.2	0.085	0.102	0.059	0.071	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	340500	1702.5	1	77	25.0	24.2	0.084	0.101	0.055	0.066	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	340500	1702.5	36	22	25.0	24.2	0.085	0.102	0.056	0.067	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	340500	1702.5	1	77	25.0	24.2	0.138	0.166	0.092	0.111	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	340500	1702.5	36	22	25.0	24.2	0.138	0.166	0.091	0.109	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	340500	1702.5	1	77	25.0	24.2	0.070	0.084	0.049	0.059	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	340500	1702.5	36	22	25.0	24.2	0.068	0.082	0.047	0.057	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	340500	1702.5	1	1	20.8	20.4	0.450	0.493	0.241	0.264	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	340500	1702.5	36	22	20.8	20.2	0.474	0.544	0.252	0.289	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	340500	1702.5	1	1	20.8	20.4	0.293	0.321	0.168	0.184	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	340500	1702.5	36	22	20.8	20.2	0.317	0.364	0.179	0.206	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	340500	1702.5	1	1	20.8	20.4	0.265	0.291	0.146	0.160	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	340500	1702.5	36	22	20.8	20.2	0.278	0.319	0.153	0.176	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	340500	1702.5	1	1	20.8	20.4	0.553	0.606	0.265	0.291	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	340500	1702.5	36	22	20.8	20.2	0.564	0.648	0.269	0.309	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	340500	1702.5	1	1	20.8	20.4	0.021	0.023	0.011	0.012	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	340500	1702.5	36	22	20.8	20.2	0.024	0.028	0.013	0.015	
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**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	1	18.7	17.8	0.345	0.424	0.165	0.203	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	340500	1702.5	36	22	18.7	17.7	0.318	0.400	0.152	0.191	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	340500	1702.5	1	1	18.7	17.8	0.417	0.513	0.197	0.242	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	340500	1702.5	36	22	18.7	17.7	0.399	0.502	0.188	0.237	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	340500	1702.5	1	1	18.7	17.8	0.515	0.634	0.262	0.322	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	340500	1702.5	36	22	18.7	17.7	0.490	0.617	0.237	0.298	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	340500	1702.5	1	1	18.7	17.8	0.517	**0.636**	0.249	0.306	74
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	340500	1702.5	36	22	18.7	17.7	0.477	0.601	0.230	0.290	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	340500	1702.5	1	1	17.8	16.7	0.358	0.461	0.174	0.224	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	340500	1702.5	36	22	17.8	16.6	0.359	0.473	0.173	0.228	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	340500	1702.5	1	1	17.8	16.7	0.287	0.370	0.141	0.182	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	340500	1702.5	36	22	17.8	16.6	0.284	0.374	0.139	0.183	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	340500	1702.5	1	1	17.8	16.7	0.549	**0.707**	0.255	0.329	75
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	340500	1702.5	36	22	17.8	16.6	0.532	0.701	0.247	0.326	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	340500	1702.5	1	1	17.8	16.7	0.001	0.001	0.000	0.000	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	340500	1702.5	1	1	17.8	16.7	0.196	0.252	0.098	0.126	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	340500	1702.5	36	22	17.8	16.6	0.197	0.260	0.100	0.132	
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**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	1	22.9	22.0	0.174	0.214	0.113	0.139	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	340500	1702.5	36	22	22.9	22.0	0.177	0.218	0.116	0.143	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	340500	1702.5	1	1	22.9	22.0	0.129	0.159	0.083	0.102	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	340500	1702.5	36	22	22.9	22.0	0.107	0.132	0.071	0.087	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	340500	1702.5	1	1	22.9	22.0	0.095	0.117	0.066	0.081	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	340500	1702.5	36	22	22.9	22.0	0.091	0.112	0.063	0.078	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	340500	1702.5	1	1	22.9	22.0	0.085	0.105	0.057	0.070	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	340500	1702.5	36	22	22.9	22.0	0.078	0.096	0.051	0.063	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	340500	1702.5	1	77	20.0	19.2	0.447	0.537	0.225	0.271	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	340500	1702.5	36	22	20.0	19.1	0.457	**0.562**	0.230	0.283	76
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	340500	1702.5	1	77	20.0	19.2	0.448	0.539	0.231	0.278	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	340500	1702.5	36	22	20.0	19.1	0.430	0.529	0.222	0.273	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	340500	1702.5	1	77	20.0	19.2	0.228	0.274	0.126	0.151	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	340500	1702.5	36	22	20.0	19.1	0.206	0.253	0.112	0.138	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	340500	1702.5	1	77	20.0	19.2	0.434	0.522	0.219	0.263	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	340500	1702.5	36	22	20.0	19.1	0.444	0.546	0.223	0.274	
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**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	1	18.7	18.4	0.444	0.476	0.236	0.253	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	340500	1702.5	36	22	18.7	18.3	0.464	0.509	0.243	0.266	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	340500	1702.5	1	1	18.7	18.4	0.258	0.276	0.134	0.144	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	340500	1702.5	36	22	18.7	18.3	0.283	0.310	0.145	0.159	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	340500	1702.5	1	1	18.7	18.4	0.165	0.177	0.097	0.104	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	340500	1702.5	36	22	18.7	18.3	0.188	0.206	0.109	0.120	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	340500	1702.5	1	1	18.7	18.4	0.118	0.126	0.068	0.073	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	340500	1702.5	36	22	18.7	18.3	0.127	0.139	0.074	0.081	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	340500	1702.5	1	1	20.0	18.6	0.280	0.387	0.146	0.202	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	340500	1702.5	36	22	20.0	18.6	0.294	0.406	0.152	0.210	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	340500	1702.5	1	1	20.0	18.6	0.316	0.436	0.169	0.233	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	340500	1702.5	36	22	20.0	18.6	0.337	0.465	0.183	0.253	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	340500	1702.5	1	1	20.0	18.6	0.213	0.294	0.091	0.126	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	340500	1702.5	36	22	20.0	18.6	0.207	0.286	0.089	0.123	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	340500	1702.5	1	1	20.0	18.6	0.376	0.519	0.181	0.250	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	340500	1702.5	36	22	20.0	18.6	0.390	0.538	0.186	0.257	

10.33. NR Band n71 (20MHz Bandwidth)

Antenna(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	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	104	25.7	25.0	0.162	0.190	0.126	0.148	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	136100	680.5	50	28	25.7	24.8	0.161	0.198	0.126	0.155	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	136100	680.5	1	104	25.7	25.0	0.078	0.092	0.063	0.074	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	136100	680.5	50	28	25.7	24.8	0.075	0.092	0.061	0.075	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	136100	680.5	1	104	25.7	25.0	0.177	0.208	0.138	0.162	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	136100	680.5	50	28	25.7	24.8	0.183	0.225	0.142	0.175	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	136100	680.5	1	104	25.7	25.0	0.092	0.108	0.073	0.086	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	136100	680.5	50	28	25.7	24.8	0.087	0.107	0.070	0.086	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	136100	680.5	1	104	25.7	25.0	0.387	0.455	0.244	0.287	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	136100	680.5	50	28	25.7	24.8	0.378	**0.465**	0.236	0.290	77
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	136100	680.5	1	104	25.7	25.0	0.251	0.295	0.167	0.196	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	136100	680.5	50	28	25.7	24.8	0.253	0.311	0.166	0.204	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	136100	680.5	1	104	25.7	25.0	0.633	0.744	0.416	0.489	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	136100	680.5	50	28	25.7	24.8	0.603	0.742	0.396	0.487	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	136100	680.5	1	104	25.7	25.0	0.158	0.186	0.068	0.080	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	136100	680.5	50	28	25.7	24.8	0.159	0.196	0.070	0.086	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	136100	680.5	1	104	25.7	25.0	0.751	**0.882**	0.497	0.584	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	136100	680.5	50	28	25.7	24.8	0.689	0.848	0.457	0.562	
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**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	104	25.2	24.5	0.613	0.720	0.376	0.442	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	136100	680.5	50	28	25.2	24.5	0.651	**0.765**	0.403	0.473	78
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	136100	680.5	1	104	25.2	24.5	0.447	0.525	0.248	0.291	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	136100	680.5	50	28	25.2	24.5	0.475	0.558	0.259	0.304	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	136100	680.5	1	104	25.2	24.5	0.629	0.739	0.399	0.469	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	136100	680.5	50	28	25.2	24.5	0.649	0.763	0.415	0.488	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	136100	680.5	1	104	25.2	24.5	0.578	0.679	0.309	0.363	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	136100	680.5	50	28	25.2	24.5	0.574	0.674	0.285	0.335	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	136100	680.5	1	104	25.2	24.5	0.330	0.388	0.203	0.239	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	136100	680.5	50	28	25.2	24.5	0.327	0.384	0.201	0.236	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	136100	680.5	1	104	25.2	24.5	0.239	0.281	0.149	0.175	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	136100	680.5	50	28	25.2	24.5	0.235	0.276	0.146	0.172	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	136100	680.5	1	104	25.2	24.5	0.228	0.268	0.110	0.129	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	136100	680.5	50	28	25.2	24.5	0.243	0.286	0.117	0.137	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	136100	680.5	1	104	25.2	24.5	0.186	0.219	0.124	0.146	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	136100	680.5	50	28	25.2	24.5	0.143	0.168	0.097	0.114	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	136100	680.5	1	104	25.2	24.5	0.441	0.518	0.295	0.347	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	136100	680.5	50	28	25.2	24.5	0.388	0.456	0.260	0.305	

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

Antenna(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	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	633334	3500.01	1	1	19.6	18.8	0.029	0.035	0.012	0.014	
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	633334	3500.01	135	69	19.6	18.6	0.020	0.025	0.008	0.010	
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	633334	3500.01	1	1	19.6	18.8	0.038	0.046	0.013	0.016	
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	633334	3500.01	135	69	19.6	18.6	0.027	0.034	0.009	0.011	
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	633334	3500.01	1	1	19.6	18.8	0.063	0.076	0.028	0.034	
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	633334	3500.01	135	69	19.6	18.6	0.053	0.067	0.022	0.028	
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	633334	3500.01	1	1	19.6	18.8	0.022	0.026	0.007	0.008	
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	633334	3500.01	135	69	19.6	18.6	0.016	0.020	0.004	0.005	
ANT 7	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	633334	3500.01	1	1	18.6	16.8	0.333	0.504	0.131	0.198	
ANT 7	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	633334	3500.01	135	69	18.6	16.7	0.287	0.445	0.112	0.173	
ANT 7	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	633334	3500.01	1	1	18.6	16.8	0.115	0.174	0.039	0.059	
ANT 7	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	633334	3500.01	135	69	18.6	16.7	0.167	0.259	0.066	0.102	
ANT 7	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	633334	3500.01	1	1	18.6	16.8	0.474	**0.717**	0.176	0.266	79
ANT 7	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	633334	3500.01	135	69	18.6	16.7	0.440	0.681	0.163	0.252	
ANT 7	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	633334	3500.01	1	1	18.6	16.8	0.112	0.170	0.032	0.048	
ANT 7	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	633334	3500.01	135	69	18.6	16.7	0.117	0.181	0.034	0.053	
Antenna(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	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	633334	3500.01	1	1	18.3	17.3	0.140	0.176	0.063	0.079	
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	633334	3500.01	135	69	18.3	17.1	0.149	0.196	0.067	0.088	
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	633334	3500.01	1	1	18.3	17.3	0.143	0.180	0.043	0.054	
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	633334	3500.01	135	69	18.3	17.1	0.139	0.183	0.043	0.057	
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	633334	3500.01	1	1	18.3	17.3	0.405	0.510	0.155	0.195	
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	633334	3500.01	135	69	18.3	17.1	0.468	0.617	0.177	0.233	
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	633334	3500.01	1	1	18.3	17.3	0.266	0.335	0.103	0.130	
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	633334	3500.01	135	69	18.3	17.1	0.266	0.351	0.107	0.141	
ANT 8	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	633334	3500.01	1	1	16.3	15.0	0.276	0.372	0.096	0.130	
ANT 8	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	633334	3500.01	135	69	16.3	14.9	0.306	0.422	0.105	0.145	
ANT 8	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	633334	3500.01	1	1	16.3	15.0	0.181	0.244	0.070	0.094	
ANT 8	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	633334	3500.01	135	69	16.3	14.9	0.194	0.268	0.077	0.106	
ANT 8	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	633334	3500.01	1	1	16.3	15.0	0.232	0.313	0.079	0.107	
ANT 8	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	633334	3500.01	135	69	16.3	14.9	0.227	0.313	0.078	0.108	
ANT 8	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	633334	3500.01	1	1	16.3	15.0	0.265	0.357	0.102	0.138	
ANT 8	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	633334	3500.01	135	69	16.3	14.9	0.265	0.366	0.101	0.139	
Antenna(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	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	633334	3500.01	1	271	19.0	18.2	0.132	0.159	0.063	0.076	
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	633334	3500.01	135	69	19.0	18.0	0.142	0.179	0.068	0.086	
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	633334	3500.01	1	271	19.0	18.2	0.040	0.048	0.017	0.020	
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	633334	3500.01	135	69	19.0	18.0	0.046	0.058	0.020	0.025	
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	633334	3500.01	1	271	19.0	18.2	0.078	0.094	0.035	0.042	
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	633334	3500.01	135	69	19.0	18.0	0.077	0.097	0.035	0.044	
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	633334	3500.01	1	271	19.0	18.2	0.079	0.095	0.031	0.037	
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	633334	3500.01	135	69	19.0	18.0	0.083	0.104	0.033	0.042	
ANT 9	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	633334	3500.01	1	271	16.3	15.5	0.450	0.541	0.174	0.209	
ANT 9	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	633334	3500.01	135	69	16.3	15.3	0.446	0.561	0.172	0.217	
ANT 9	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	633334	3500.01	1	271	16.3	15.5	0.238	0.286	0.091	0.109	
ANT 9	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	633334	3500.01	135	69	16.3	15.3	0.258	0.325	0.099	0.125	
ANT 9	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	633334	3500.01	1	271	16.3	15.5	0.118	0.142	0.050	0.060	
ANT 9	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	633334	3500.01	135	69	16.3	15.3	0.117	0.147	0.049	0.062	
ANT 9	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	633334	3500.01	1	271	16.3	15.5	0.554	0.666	0.206	0.248	
ANT 9	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	633334	3500.01	135	69	16.3	15.3	0.549	0.691	0.206	0.259	
Antenna(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	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	633334	3500.01	1	271	19.8	19.2	0.629	**0.722**	0.251	0.288	80
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	633334	3500.01	135	69	19.8	19.1	0.578	0.679	0.227	0.267	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	633334	3500.01	1	271	19.8	19.2	0.297	0.341	0.117	0.134	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	633334	3500.01	135	69	19.8	19.1	0.302	0.355	0.119	0.140	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	633334	3500.01	1	271	19.8	19.2	0.203	0.233	0.087	0.100	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	633334	3500.01	135	69	19.8	19.1	0.237	0.278	0.099	0.116	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	633334	3500.01	1	271	19.8	19.2	0.166	0.191	0.064	0.073	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	633334	3500.01	135	69	19.8	19.1	0.172	0.202	0.070	0.082	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	633334	3500.01	1	271	20.4	19.6	0.442	0.531	0.168	0.202	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	633334	3500.01	135	69	20.4	19.5	0.461	**0.567**	0.168	0.207	81
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	633334	3500.01	1	271	20.4	19.6	0.352	0.423	0.147	0.177	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	633334	3500.01	135	69	20.4	19.5	0.309	0.380	0.127	0.156	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	633334	3500.01	1	271	20.4	19.6	0.083	0.100	0.034	0.041	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	633334	3500.01	135	69	20.4	19.5	0.117	0.144	0.048	0.059	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	633334	3500.01	1	271	20.4	19.6	0.409	0.492	0.149	0.179	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	633334	3500.01	135	69	20.4	19.5	0.508	0.625	0.184	0.226	

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

Antenna(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	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	657202	3858.03	1	1	19.6	19.0	0.008	0.009	0.002	0.002	
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	657202	3858.03	135	69	19.6	18.8	0.004	0.005	0.000	0.000	
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	657202	3858.03	1	1	19.6	19.0	0.007	0.008	0.001	0.001	
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	657202	3858.03	135	69	19.6	18.8	0.008	0.010	0.000	0.000	
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	657202	3858.03	1	1	19.6	19.0	0.028	0.032	0.011	0.013	
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	657202	3858.03	135	69	19.6	18.8	0.027	0.032	0.011	0.013	
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	657202	3858.03	1	1	19.6	19.0	0.016	0.018	0.005	0.006	
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	657202	3858.03	135	69	19.6	18.8	0.007	0.008	0.002	0.002	
ANT 7	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	657202	3858.03	1	1	18.6	17.0	0.490	0.708	0.175	0.253	
ANT 7	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	657202	3858.03	135	69	18.6	16.7	0.481	0.745	0.168	0.260	
ANT 7	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	657202	3858.03	1	1	18.6	17.0	0.091	0.132	0.035	0.051	
ANT 7	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	657202	3858.03	135	69	18.6	16.7	0.101	0.156	0.040	0.062	
ANT 7	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	657202	3858.03	1	1	18.6	17.0	0.235	0.340	0.092	0.133	
ANT 7	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	657202	3858.03	135	69	18.6	16.7	0.227	0.352	0.088	0.136	
ANT 7	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	657202	3858.03	1	1	18.6	17.0	0.064	0.093	0.023	0.033	
ANT 7	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	657202	3858.03	135	69	18.6	16.7	0.062	0.096	0.019	0.029	
Antenna(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	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	657202	3858.03	1	1	18.3	16.8	0.057	0.081	0.015	0.021	
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	657202	3858.03	135	69	18.3	16.5	0.062	0.094	0.017	0.026	
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	657202	3858.03	1	1	18.3	16.8	0.091	0.129	0.026	0.037	
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	657202	3858.03	135	69	18.3	16.5	0.073	0.110	0.018	0.027	
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	657202	3858.03	1	1	18.3	16.8	0.261	0.369	0.094	0.133	
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	657202	3858.03	135	69	18.3	16.5	0.212	0.321	0.075	0.114	
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	657202	3858.03	1	1	18.3	16.8	0.175	0.247	0.062	0.088	
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	657202	3858.03	135	69	18.3	16.5	0.137	0.207	0.050	0.076	
ANT 8	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	657202	3858.03	1	1	16.3	14.5	0.276	0.418	0.082	0.124	
ANT 8	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	657202	3858.03	135	69	16.3	14.3	0.200	0.317	0.059	0.094	
ANT 8	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	657202	3858.03	1	1	16.3	14.5	0.142	0.215	0.053	0.080	
ANT 8	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	657202	3858.03	135	69	16.3	14.3	0.115	0.182	0.042	0.067	
ANT 8	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	657202	3858.03	1	1	16.3	14.5	0.132	0.200	0.045	0.068	
ANT 8	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	657202	3858.03	135	69	16.3	14.3	0.117	0.185	0.039	0.062	
ANT 8	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	657202	3858.03	1	1	16.3	14.5	0.333	0.504	0.120	0.182	
ANT 8	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	657202	3858.03	135	69	16.3	14.3	0.273	0.433	0.098	0.155	
Antenna(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	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	657202	3858.03	1	271	19.0	18.0	0.045	0.057	0.018	0.023	
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	657202	3858.03	135	69	19.0	17.9	0.054	0.070	0.022	0.028	
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	657202	3858.03	1	271	19.0	18.0	0.016	0.020	0.003	0.004	
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	657202	3858.03	135	69	19.0	17.9	0.019	0.024	0.006	0.008	
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	657202	3858.03	1	271	19.0	18.0	0.076	0.096	0.033	0.042	
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	657202	3858.03	135	69	19.0	17.9	0.080	0.103	0.035	0.045	
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	657202	3858.03	1	271	19.0	18.0	0.029	0.037	0.008	0.010	
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	657202	3858.03	135	69	19.0	17.9	0.046	0.059	0.018	0.023	
ANT 9	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	657202	3858.03	1	1	16.3	15.2	0.319	0.411	0.115	0.148	
ANT 9	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	657202	3858.03	135	69	16.3	15.2	0.272	0.350	0.098	0.126	
ANT 9	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	657202	3858.03	1	1	16.3	15.2	0.186	0.240	0.067	0.086	
ANT 9	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	657202	3858.03	135	69	16.3	15.2	0.165	0.213	0.062	0.080	
ANT 9	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	657202	3858.03	1	1	16.3	15.2	0.087	0.112	0.035	0.045	
ANT 9	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	657202	3858.03	135	69	16.3	15.2	0.089	0.115	0.033	0.043	
ANT 9	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	657202	3858.03	1	1	16.3	15.2	0.484	0.624	0.168	0.216	
ANT 9	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	657202	3858.03	135	69	16.3	15.2	0.412	0.531	0.143	0.184	
Antenna(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	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	657202	3858.03	1	1	19.8	18.9	0.481	**0.592**	0.176	0.217	84
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	657202	3858.03	135	69	19.8	18.9	0.435	0.535	0.154	0.189	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	657202	3858.03	1	1	19.8	18.9	0.343	0.422	0.115	0.141	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	657202	3858.03	135	69	19.8	18.9	0.286	0.352	0.096	0.118	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	657202	3858.03	1	1	19.8	18.9	0.145	0.178	0.061	0.075	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	657202	3858.03	135	69	19.8	18.9	0.138	0.170	0.056	0.069	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	657202	3858.03	1	1	19.8	18.9	0.145	0.178	0.059	0.073	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	657202	3858.03	135	69	19.8	18.9	0.182	0.224	0.085	0.105	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	657202	3858.03	1	271	20.4	19.3	0.526	0.678	0.193	0.249	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	657202	3858.03	135	69	20.4	19.5	0.623	**0.766**	0.230	0.283	85
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	657202	3858.03	1	271	20.4	19.3	0.182	0.234	0.064	0.082	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	657202	3858.03	135	69	20.4	19.5	0.193	0.237	0.067	0.082	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	657202	3858.03	1	271	20.4	19.3	0.145	0.187	0.053	0.068	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	657202	3858.03	135	69	20.4	19.5	0.116	0.143	0.044	0.054	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	657202	3858.03	1	271	20.4	19.3	0.504	0.649	0.199	0.256	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	657202	3858.03	135	69	20.4	19.5	0.551	0.678	0.213	0.262	

10.36. NR Band n77 PC2 (100MHz Bandwidth)

From May 2017 TCB Workshop, SAR tests were performed using Power Class 3. SAR tests for Power Class 2 is performed using the highest SAR test configuration from Power Class 3 for each 5G NR (FR1) TDD configuration and exposure condition combination. Manufacturer/OEM declares operating duty cycle to be 100% and 50% for 5G NR (FR1) TDD Power Class 3 and Power Class 2 respectively. These Duty cycles were used for all 5G NR (FR1) TDD Power Class 3 and Power Class 2 SAR evaluations.
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

Block A

Antenna	RF Exposure Condition	Mode(s)	Power Mode(s)	FR1 n77 Block A PC2			FR1 n77 Block A PC3				Linearly scaled	Linearly scaled	Testing Required
				Duty Cycle (%)	Max Output Power	Frame Avg Pwr (mW)	Duty Cycle (%)	Max Output Power	Frame Avg Pwr (mW)	Reported SAR (W/kg)	PC2	PC2	PC2
ANT 7	Head	QPSK	Mode A	50.0%	22.6	91.0	100.0%	19.6	91.2	0.076	0.076	0.3%	No
ANT 7	Body & Hotspot	QPSK	Mode B	50.0%	21.6	72.3	100.0%	18.6	72.4	0.504	0.503	-0.2%	No
ANT 7	Hotspot	QPSK	Mode B	50.0%	21.6	72.3	100.0%	18.6	72.4	0.717	0.716	-0.2%	No
Antenna	RF Exposure Condition	Mode(s)	Power Mode(s)	FR1 n77 Block A PC2			FR1 n77 Block A PC3				Linearly scaled	Linearly scaled	Testing Required
				Duty Cycle (%)	Max Output Power	Frame Avg Pwr (mW)	Duty Cycle (%)	Max Output Power	Frame Avg Pwr (mW)	Reported SAR (W/kg)	PC2	PC2	PC2
ANT 8	Head	QPSK	Mode A	50.0%	21.3	67.5	100.0%	18.3	67.6	0.617	0.615	-0.3%	No
ANT 8	Body & Hotspot	QPSK	Mode B	50.0%	19.3	42.6	100.0%	16.3	42.7	0.422	0.421	-0.3%	No
ANT 8	Hotspot	QPSK	Mode B	50.0%	19.3	42.6	100.0%	16.3	42.7	0.366	0.365	-0.2%	No
Antenna	RF Exposure Condition	Mode(s)	Power Mode(s)	FR1 n77 Block A PC2			FR1 n77 Block A PC3				Linearly scaled	Linearly scaled	Testing Required
				Duty Cycle (%)	Max Output Power	Frame Avg Pwr (mW)	Duty Cycle (%)	Max Output Power	Frame Avg Pwr (mW)	Reported SAR (W/kg)	PC2	PC2	PC2
ANT 9	Head	QPSK	Mode A	50.0%	22.0	79.2	100.0%	19.0	79.4	0.179	0.178	-0.4%	No
ANT 9	Body & Hotspot	QPSK	Mode B	50.0%	19.3	42.6	100.0%	16.3	42.7	0.561	0.560	-0.3%	No
ANT 9	Hotspot	QPSK	Mode B	50.0%	19.3	42.6	100.0%	16.3	42.7	0.691	0.690	-0.2%	No
Antenna	RF Exposure Condition	Mode(s)	Power Mode(s)	FR1 n77 Block A PC2			FR1 n77 Block A PC3				Linearly scaled	Linearly scaled	Testing Required
				Duty Cycle (%)	Max Output Power	Frame Avg Pwr (mW)	Duty Cycle (%)	Max Output Power	Frame Avg Pwr (mW)	Reported SAR (W/kg)	PC2	PC2	PC2
ANT 4	Head	QPSK	Mode A	50.0%	22.8	95.3	100.0%	19.8	95.5	0.722	0.720	-0.3%	No
ANT 4	Body & Hotspot	QPSK	Mode B	50.0%	23.4	109.4	100.0%	20.4	109.7	0.567	0.566	-0.2%	No
ANT 4	Hotspot	QPSK	Mode B	50.0%	23.4	109.4	100.0%	20.4	109.7	0.625	0.623	-0.3%	No

Block C

Antenna	RF Exposure Condition	Mode(s)	Power Mode(s)	FR1 n77 Block C PC2			FR1 n77 Block C PC3				Linearly scaled	Linearly scaled	Testing Required
				Duty Cycle (%)	Max Output Power	Frame Avg Pwr (mW)	Duty Cycle (%)	Max Output Power	Frame Avg Pwr (mW)	Reported SAR (W/kg)	PC2	PC2	PC2
ANT 7	Head	QPSK	Mode A	50.0%	22.6	91.0	100.0%	19.6	91.2	0.032	0.032	-1.4%	No
ANT 7	Body & Hotspot	QPSK	Mode B	50.0%	21.6	72.3	100.0%	18.6	72.4	0.745	0.743	-0.3%	No
ANT 7	Hotspot	QPSK	Mode B	50.0%	21.6	72.3	100.0%	18.6	72.4	0.352	0.351	-0.2%	No
Antenna	RF Exposure Condition	Mode(s)	Power Mode(s)	FR1 n77 Block C PC2			FR1 n77 Block C PC3				Linearly scaled	Linearly scaled	Testing Required
				Duty Cycle (%)	Max Output Power	Frame Avg Pwr (mW)	Duty Cycle (%)	Max Output Power	Frame Avg Pwr (mW)	Reported SAR (W/kg)	PC2	PC2	PC2
ANT 8	Head	QPSK	Mode A	50.0%	21.3	67.5	100.0%	18.3	67.6	0.369	0.368	-0.2%	No
ANT 8	Body & Hotspot	QPSK	Mode B	50.0%	19.3	42.6	100.0%	16.3	42.7	0.418	0.417	-0.2%	No
ANT 8	Hotspot	QPSK	Mode B	50.0%	19.3	42.6	100.0%	16.3	42.7	0.504	0.503	-0.2%	No
Antenna	RF Exposure Condition	Mode(s)	Power Mode(s)	FR1 n77 Block C PC2			FR1 n77 Block C PC3				Linearly scaled	Linearly scaled	Testing Required
				Duty Cycle (%)	Max Output Power	Frame Avg Pwr (mW)	Duty Cycle (%)	Max Output Power	Frame Avg Pwr (mW)	Reported SAR (W/kg)	PC2	PC2	PC2
ANT 9	Head	QPSK	Mode A	50.0%	22.0	79.2	100.0%	19.0	79.4	0.103	0.103	-0.1%	No
ANT 9	Body & Hotspot	QPSK	Mode B	50.0%	19.3	42.6	100.0%	16.3	42.7	0.411	0.410	-0.2%	No
ANT 9	Hotspot	QPSK	Mode B	50.0%	19.3	42.6	100.0%	16.3	42.7	0.624	0.622	-0.2%	No
Antenna	RF Exposure Condition	Mode(s)	Power Mode(s)	FR1 n77 Block C PC2			FR1 n77 Block C PC3				Linearly scaled	Linearly scaled	Testing Required
				Duty Cycle (%)	Max Output Power	Frame Avg Pwr (mW)	Duty Cycle (%)	Max Output Power	Frame Avg Pwr (mW)	Reported SAR (W/kg)	PC2	PC2	PC2
ANT 4	Head	QPSK	Mode A	50.0%	22.8	95.3	100.0%	19.8	95.5	0.592	0.590	-0.3%	No
ANT 4	Body & Hotspot	QPSK	Mode B	50.0%	23.4	109.4	100.0%	20.4	109.7	0.766	0.765	-0.2%	No
ANT 4	Hotspot	QPSK	Mode B	50.0%	23.4	109.4	100.0%	20.4	109.7	0.678	0.676	-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 2.4 GHz(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(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	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	6	2437	99.91%	0.214	21.50	20.30	0.223	0.294	0.129	0.170	
ANT 3	Head	802.11b	Power State 1 Mode A	0	Left Tilt	6	2437	99.91%	0.082	21.50	20.30					
ANT 3	Head	802.11b	Power State 1 Mode A	0	Right Cheek	6	2437	99.91%	0.123	21.50	20.30					
ANT 3	Head	802.11b	Power State 1 Mode A	0	Right Tilt	6	2437	99.91%	0.113	21.50	20.30					
ANT 3	Body & Hotspot	802.11b	Power State 1 Mode B	5	Back	1	2412	99.91%	0.537	21.00	19.60	0.544	0.752	0.271	0.374	
ANT 3	Body & Hotspot	802.11b	Power State 1 Mode B	5	Back	6	2437	99.91%	0.587	21.00	19.60	0.603	0.833	0.296	0.409	
ANT 3	Body & Hotspot	802.11b	Power State 1 Mode B	5	Front	1	2412	99.91%	0.599	21.00	19.60	0.608	0.840	0.289	0.399	
ANT 3	Body & Hotspot	802.11b	Power State 1 Mode B	5	Front	6	2437	99.91%	0.679	21.00	19.60	0.657	0.908	0.310	0.428	
ANT 3	Hotspot	802.11b	Power State 1 Mode B	5	Edge Bottom	6	2437	99.91%	0.318	21.00	19.60	0.322	0.445	0.153	0.211	
ANT 3	Hotspot	802.11b	Power State 1 Mode B	5	Edge Left	1	2412	99.91%	0.694	21.00	19.60	0.731	1.010	0.345	0.477	
ANT 3	Hotspot	802.11b	Power State 1 Mode B	5	Edge Left	6	2437	99.91%	0.773	21.00	19.60	0.776	1.072	0.358	0.495	
Antenna(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	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	6	2437	99.91%	0.848	19.25	18.50	0.834	0.992	0.370	0.440	
ANT 4	Head	802.11b	Power State 1 Mode A	0	Left Cheek	11	2462	99.91%	0.918	19.25	18.50	0.949	**1.129**	0.403	0.479	87
ANT 4	Head	802.11b	Power State 1 Mode A	0	Left Tilt	6	2437	99.91%	0.403	19.25	18.50	0.413	0.491	0.194	0.231	
ANT 4	Head	802.11b	Power State 1 Mode A	0	Right Cheek	6	2437	99.91%	0.238	19.25	18.50					
ANT 4	Head	802.11b	Power State 1 Mode A	0	Right Tilt	6	2437	99.91%	0.113	19.25	18.50					
ANT 4	Body & Hotspot	802.11b	Power State 1 Mode B	5	Back	6	2437	99.91%	0.872	20.50	19.50	0.797	**1.004**	0.416	0.524	88
ANT 4	Body & Hotspot	802.11b	Power State 1 Mode B	5	Back	11	2462	99.91%	0.779	20.50	19.50	0.785	0.989	0.392	0.494	
ANT 4	Body & Hotspot	802.11b	Power State 1 Mode B	5	Front	6	2437	99.91%	0.535	20.50	19.50	0.537	0.677	0.256	0.323	
ANT 4	Hotspot	802.11b	Power State 1 Mode B	5	Edge Top	6	2437	99.91%	0.181	20.50	19.50					
ANT 4	Hotspot	802.11b	Power State 1 Mode B	5	Edge Right	6	2437	99.91%	0.903	20.50	19.50	0.874	**1.101**	0.391	0.493	89
ANT 4	Hotspot	802.11b	Power State 1 Mode B	5	Edge Right	11	2462	99.91%	0.800	20.50	19.50	0.846	1.066	0.371	0.467	
Antenna(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Duty Cycle (%)	Area Scan Max. SAR (W/kg)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 3	Head	802.11b	Power State 4 Mode A	0	Left Cheek	6	2437	99.91%	0.094	17.75	16.70	0.100	0.127	0.055	0.070	
ANT 3	Body & Hotspot	802.11b	Power State 4 Mode B	5	Front	6	2437	99.91%	0.254	17.00	15.80	0.278	0.367	0.132	0.174	
ANT 3	Hotspot	802.11b	Power State 4 Mode B	5	Edge Left	6	2437	99.91%	0.296	17.00	15.80	0.314	0.414	0.146	0.193	
Antenna(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	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	99.91%	0.285	15.25	14.25	0.276	0.348	0.136	0.171	
ANT 4	Body & Hotspot	802.11b	Power State 4 Mode B	5	Back	6	2437	99.91%	0.386	16.50	15.50	0.350	0.441	0.181	0.228	
ANT 4	Body & Hotspot	802.11b	Power State 4 Mode B	5	Front	6	2437	99.91%	0.181	16.50	15.50	0.213	0.268	0.099	0.125	
ANT 4	Hotspot	802.11b	Power State 4 Mode B	5	Edge Right	6	2437	99.91%	0.377	16.50	15.50	0.372	0.469	0.163	0.205	
Antenna(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	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	6	2437	99.91%	0.214	21.25	20.30	0.223	0.278	0.129	0.161	
ANT 3	Head	802.11b	Power State 5 Mode A	0	Left Tilt	6	2437	99.91%	0.082	21.25	20.30					
ANT 3	Head	802.11b	Power State 5 Mode A	0	Right Cheek	6	2437	99.91%	0.123	21.25	20.30					
ANT 3	Head	802.11b	Power State 5 Mode A	0	Right Tilt	6	2437	99.91%	0.113	21.25	20.30					
ANT 3	Body & Hotspot	802.11b	Power State 5 Mode B	5	Back	1	2412	99.91%	0.537	20.50	19.60	0.544	0.670	0.271	0.334	
ANT 3	Body & Hotspot	802.11b	Power State 5 Mode B	5	Back	6	2437	99.91%	0.587	20.50	19.60	0.603	0.743	0.296	0.364	
ANT 3	Body & Hotspot	802.11b	Power State 5 Mode B	5	Front	1	2412	99.91%	0.599	20.50	19.60	0.608	0.749	0.289	0.356	
ANT 3	Body & Hotspot	802.11b	Power State 5 Mode B	5	Front	6	2437	99.91%	0.679	20.50	19.60	0.657	0.809	0.310	0.382	
ANT 3	Hotspot	802.11b	Power State 5 Mode B	5	Edge Bottom	6	2437	99.91%	0.318	20.50	19.60	0.322	0.397	0.153	0.188	
ANT 3	Hotspot	802.11b	Power State 5 Mode B	5	Edge Left	1	2412	99.91%	0.694	20.50	19.60	0.731	0.900	0.345	0.425	
ANT 3	Hotspot	802.11b	Power State 5 Mode B	5	Edge Left	6	2437	99.91%	0.773	20.50	19.60	0.776	0.956	0.358	0.441	

Antenna(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	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	6	2437	99.91%	0.848	18.75	18.50	0.834	0.884	0.370	0.392	
ANT 4	Head	802.11b	Power State 5 Mode A	0	Left Cheek	11	2462	99.91%	0.918	18.75	18.50	0.949	1.006	0.403	0.427	
ANT 4	Head	802.11b	Power State 5 Mode A	0	Left Tilt	6	2437	99.91%	0.403	18.75	18.50	0.413	0.438	0.194	0.206	
ANT 4	Head	802.11b	Power State 5 Mode A	0	Right Cheek	6	2437	99.91%	0.238	18.75	18.50					
ANT 4	Head	802.11b	Power State 5 Mode A	0	Right Tilt	6	2437	99.91%	0.113	18.75	18.50					
ANT 4	Body & Hotspot	802.11b	Power State 5 Mode B	5	Back	6	2437	99.91%	0.872	20.00	19.50	0.797	0.895	0.416	0.467	
ANT 4	Body & Hotspot	802.11b	Power State 5 Mode B	5	Back	11	2462	99.91%	0.779	20.00	19.50	0.785	0.882	0.392	0.440	
ANT 4	Body & Hotspot	802.11b	Power State 5 Mode B	5	Front	6	2437	99.91%	0.535	20.00	19.50	0.537	0.603	0.256	0.287	
ANT 4	Hotspot	802.11b	Power State 5 Mode B	5	Edge Top	6	2437	99.91%	0.181	20.00	19.50					
ANT 4	Hotspot	802.11b	Power State 5 Mode B	5	Edge Right	6	2437	99.91%	0.903	20.00	19.50	0.874	0.982	0.391	0.439	
ANT 4	Hotspot	802.11b	Power State 5 Mode B	5	Edge Right	11	2462	99.91%	0.800	20.00	19.50	0.846	0.950	0.371	0.417	
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**Channel**	**Freq. (MHz)**	**Duty Cycle (%)**	**Area Scan Max. SAR (W/kg)**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 3	Head	802.11b	Power State 6 Mode A	0	Left Cheek	6	2437	99.91%	0.094	16.75	16.70	0.100	0.101	0.055	0.056	
ANT 3	Body & Hotspot	802.11b	Power State 6 Mode B	5	Front	6	2437	99.91%	0.254	16.00	15.80	0.278	0.291	0.132	0.138	
ANT 3	Hotspot	802.11b	Power State 6 Mode B	5	Edge Left	6	2437	99.91%	0.296	16.00	15.80	0.314	0.329	0.146	0.153	
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**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	99.91%	0.285	14.25	14.25	0.276	0.276	0.136	0.136	
ANT 4	Body & Hotspot	802.11b	Power State 6 Mode B	5	Back	6	2437	99.91%	0.386	15.50	15.50	0.350	0.350	0.181	0.181	
ANT 4	Body & Hotspot	802.11b	Power State 6 Mode B	5	Front	6	2437	99.91%	0.181	15.50	15.50	0.213	0.213	0.099	0.099	
ANT 4	Hotspot	802.11b	Power State 6 Mode B	5	Edge Right	6	2437	99.91%	0.377	15.50	15.50	0.372	0.372	0.163	0.163	

Notes:

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

SAR Testing on Power Mode 4/6 was performed on the worst-case position for each Exposure Condition derived from Power State 1. Additional positions were run according to KDB 248227 D01.

10.38. Wi-Fi 5 GHz (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(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	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 (VHT80)	Power State 1 Mode B	5	Back	42	5210	97.94%	0.791	15.50	14.90	0.971	**1.138**	0.243	0.285	90
ANT 6	Body & Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	Front	42	5210	97.94%	0.028	15.50	14.90	0.008	0.009	0.002	0.002	
ANT 6	Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	Edge Top	42	5210	97.94%	0.062	15.50	14.90	0.064	0.075	0.021	0.025	
ANT 6	Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	Edge Left	42	5210	97.94%	0.051	15.50	14.90					
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**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 4 Mode B	5	Back	46	5230	98.77%	0.303	18.00	17.00	0.315	0.401	0.103	0.131	
ANT 5	Body & Hotspot	802.11n (HT40)	Power State 4 Mode B	5	Front	46	5230	98.77%	0.171	18.00	17.00	0.189	0.241	0.064	0.082	
ANT 5	Hotspot	802.11n (HT40)	Power State 4 Mode B	5	Edge Left	46	5230	98.77%	0.207	18.00	17.00	0.215	0.274	0.069	0.088	
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**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 (VHT80)	Power State 4 Mode B	5	Back	42	5210	97.94%	0.329	11.50	10.90	0.362	0.424	0.089	0.104	
ANT 6	Body & Hotspot	802.11ac (VHT80)	Power State 4 Mode B	5	Front	42	5210	97.94%	0.011	11.50	10.90	0.001	0.001	0.000	0.000	
ANT 6	Hotspot	802.11ac (VHT80)	Power State 4 Mode B	5	Edge Top	42	5210	97.94%	0.029	11.50	10.90	0.029	0.034	0.010	0.012	
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**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 (VHT80)	Power State 5 Mode B	5	Back	42	5210	97.94%	0.791	15.00	14.90	0.971	1.015	0.243	0.254	
ANT 6	Body & Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Front	42	5210	97.94%	0.028	15.00	14.90	0.008	0.008	0.002	0.002	
ANT 6	Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Edge Top	42	5210	97.94%	0.062	15.00	14.90	0.064	0.067	0.021	0.022	
ANT 6	Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Edge Left	42	5210	97.94%	0.051	15.00	14.90					
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**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 6 Mode B	5	Back	46	5230	98.77%	0.303	17.00	17.00	0.315	0.319	0.103	0.104	
ANT 5	Body & Hotspot	802.11n (HT40)	Power State 6 Mode B	5	Front	46	5230	98.77%	0.171	17.00	17.00	0.189	0.191	0.064	0.065	
ANT 5	Hotspot	802.11n (HT40)	Power State 6 Mode B	5	Edge Left	46	5230	98.77%	0.207	17.00	17.00	0.215	0.218	0.069	0.070	
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**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 (VHT80)	Power State 6 Mode B	5	Back	42	5210	97.94%	0.292	10.50	9.35	0.297	0.395	0.072	0.096	
ANT 6	Body & Hotspot	802.11ac (VHT80)	Power State 6 Mode B	5	Front	42	5210	97.94%	0.015	10.50	9.35					
ANT 6	Hotspot	802.11ac (VHT80)	Power State 6 Mode B	5	Edge Top	42	5210	97.94%	0.015	10.50	9.35					
ANT 6	Hotspot	802.11ac (VHT80)	Power State 6 Mode B	5	Edge Left	42	5210	97.94%	0.019	10.50	9.35					
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**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	98.77%	0.029	20.50	19.50	0.022	0.028	0.008	0.010	
ANT 5	Head	802.11n (HT40)	Power State 1 Mode A	0	Left Tilt	54	5270	98.77%	0.012	20.50	19.50					
ANT 5	Head	802.11n (HT40)	Power State 1 Mode A	0	Right Cheek	54	5270	98.77%	0.020	20.50	19.50					
ANT 5	Head	802.11n (HT40)	Power State 1 Mode A	0	Right Tilt	54	5270	98.77%	0.013	20.50	19.50					
ANT 5	Body & Hotspot	802.11n (HT40)	Power State 1 Mode B	5	Back	54	5270	98.77%	0.604	20.50	19.50	0.695	0.886	0.244	0.311	
ANT 5	Body & Hotspot	802.11n (HT40)	Power State 1 Mode B	5	Back	62	5310	98.77%	0.259	17.00	16.00	0.288	0.367	0.095	0.121	
ANT 5	Body & Hotspot	802.11n (HT40)	Power State 1 Mode B	5	Front	54	5270	98.77%	0.355	20.50	19.50	0.401	0.511	0.139	0.177	
ANT 5	Hotspot	802.11n (HT40)	Power State 1 Mode B	5	Edge Bottom	54	5270	98.77%	0.261	20.50	19.50					
ANT 5	Hotspot	802.11n (HT40)	Power State 1 Mode B	5	Edge Left	54	5270	98.77%	0.521	20.50	19.50	0.488	0.622	0.161	0.205	
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**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	98.77%	0.041	20.50	19.50					
ANT 6	Head	802.11n (HT40)	Power State 1 Mode A	0	Left Tilt	54	5270	98.77%	0.063	20.50	19.50	0.052	**0.066**	0.020	0.025	91
ANT 6	Head	802.11n (HT40)	Power State 1 Mode A	0	Right Cheek	54	5270	98.77%	0.033	20.50	19.50					
ANT 6	Head	802.11n (HT40)	Power State 1 Mode A	0	Right Tilt	54	5270	98.77%	0.025	20.50	19.50					

Antenna(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	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	58	5290	97.94%	0.033	16.75	15.75	0.007	0.009	0.001	0.001	
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**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	98.77%	0.029	20.25	19.50	0.022	0.026	0.008	0.010	
ANT 5	Head	802.11n (HT40)	Power State 5 Mode A	0	Left Tilt	54	5270	98.77%	0.012	20.25	19.50					
ANT 5	Head	802.11n (HT40)	Power State 5 Mode A	0	Right Cheek	54	5270	98.77%	0.020	20.25	19.50					
ANT 5	Head	802.11n (HT40)	Power State 5 Mode A	0	Right Tilt	54	5270	98.77%	0.013	20.25	19.50					
ANT 5	Body & Hotspot	802.11n (HT40)	Power State 5 Mode B	5	Back	54	5270	98.77%	0.604	20.50	19.50	0.695	0.886	0.244	0.311	
ANT 5	Body & Hotspot	802.11n (HT40)	Power State 5 Mode B	5	Back	62	5310	98.77%	0.259	17.00	16.00	0.288	0.367	0.095	0.121	
ANT 5	Body & Hotspot	802.11n (HT40)	Power State 5 Mode B	5	Front	54	5270	98.77%	0.355	20.50	19.50	0.401	0.511	0.139	0.177	
ANT 5	Hotspot	802.11n (HT40)	Power State 5 Mode B	5	Edge Bottom	54	5270	98.77%	0.261	20.50	19.50					
ANT 5	Hotspot	802.11n (HT40)	Power State 5 Mode B	5	Edge Left	54	5270	98.77%	0.521	20.50	19.50	0.488	0.622	0.161	0.205	
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**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	98.77%	0.041	20.50	19.50					
ANT 6	Head	802.11n (HT40)	Power State 5 Mode A	0	Left Tilt	54	5270	98.77%	0.063	20.50	19.50	0.052	0.066	0.020	0.025	
ANT 6	Head	802.11n (HT40)	Power State 5 Mode A	0	Right Cheek	54	5270	98.77%	0.033	20.50	19.50					
ANT 6	Head	802.11n (HT40)	Power State 5 Mode A	0	Right Tilt	54	5270	98.77%	0.025	20.50	19.50					
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**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	58	5290	97.94%	0.033	15.75	15.75	0.007	0.007	0.001	0.001	

Notes:

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

SAR Testing on Power Mode 4/6 was performed on the worst-case position for each Exposure Condition derived from Power State 1. Additional positions were run according to KDB 248227 D01.

UNII-2C

Antenna(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	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	97.94%	0.039	20.50	19.10	0.041	0.058	0.016	0.023	
ANT 5	Head	802.11ac (VHT80)	Power State 1 Mode A	0	Left Tilt	122	5610	97.94%	0.012	20.50	19.10					
ANT 5	Head	802.11ac (VHT80)	Power State 1 Mode A	0	Right Cheek	122	5610	97.94%	0.023	20.50	19.10					
ANT 5	Head	802.11ac (VHT80)	Power State 1 Mode A	0	Right Tilt	122	5610	97.94%	0.017	20.50	19.10					
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	Back	122	5610	97.94%	0.643	19.50	18.39	0.853	1.125	0.281	0.370	
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	Back	138	5690	97.94%	1.020	19.50	18.36	0.796	1.057	0.272	0.361	
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	Front	122	5610	97.94%	0.298	19.50	18.39	0.342	0.451	0.128	0.169	
ANT 5	Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	Edge Bottom	122	5610	97.94%	0.365	19.50	18.39					
ANT 5	Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	Edge Left	122	5610	97.94%	0.486	19.50	18.39	0.545	0.719	0.181	0.239	
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**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	138	5690	97.94%	0.086	20.50	19.20					
ANT 6	Head	802.11ac (VHT80)	Power State 1 Mode A	0	Left Tilt	138	5690	97.94%	0.132	20.50	19.20	0.128	**0.176**	0.051	0.070	92
ANT 6	Head	802.11ac (VHT80)	Power State 1 Mode A	0	Right Cheek	138	5690	97.94%	0.064	20.50	19.20					
ANT 6	Head	802.11ac (VHT80)	Power State 1 Mode A	0	Right Tilt	138	5690	97.94%	0.092	20.50	19.20					
ANT 6	Body & Hotspot	802.11ac (VHT160)	Power State 1 Mode B	5	Back	114	5570	96.49%	0.604	13.25	12.00	0.832	**1.150**	0.204	0.282	93
ANT 6	Body & Hotspot	802.11ac (VHT160)	Power State 1 Mode B	5	Front	114	5570	96.49%	0.015	13.25	12.00	0.002	0.003	0.000	0.000	
ANT 6	Hotspot	802.11ac (VHT160)	Power State 1 Mode B	5	Edge Top	114	5570	96.49%	0.082	13.25	12.00					
ANT 6	Hotspot	802.11ac (VHT160)	Power State 1 Mode B	5	Edge Left	114	5570	96.49%	0.087	13.25	12.00	0.079	0.109	0.015	0.021	
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**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	97.94%	0.012	16.50	15.20	0.003	0.004	0.000	0.000	
ANT 5	Body & Hotspot	802.11ac (VHT160)	Power State 4 Mode B	5	Back	114	5570	96.49%	0.265	15.50	14.30	0.289	0.395	0.097	0.133	
ANT 5	Body & Hotspot	802.11ac (VHT160)	Power State 4 Mode B	5	Front	114	5570	96.49%	0.123	15.50	14.30	0.126	0.172	0.043	0.059	
ANT 5	Hotspot	802.11ac (VHT160)	Power State 4 Mode B	5	Edge Left	114	5570	96.49%	0.147	15.50	14.30	0.178	0.243	0.056	0.077	
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**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	114	5570	96.49%	0.328	9.25	8.23	0.361	0.473	0.081	0.106	
ANT 6	Body & Hotspot	802.11ac (VHT160)	Power State 4 Mode B	5	Front	114	5570	96.49%	0.008	9.25	8.23	0.001	0.001	0.000	0.000	
ANT 6	Hotspot	802.11ac (VHT160)	Power State 4 Mode B	5	Edge Left	114	5570	96.49%	0.023	9.25	8.23	0.016	0.021	0.000	0.000	
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**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	97.94%	0.039	20.00	19.10	0.041	0.052	0.016	0.020	
ANT 5	Head	802.11ac (VHT80)	Power State 5 Mode A	0	Left Tilt	122	5610	97.94%	0.012	20.00	19.10					
ANT 5	Head	802.11ac (VHT80)	Power State 5 Mode A	0	Right Cheek	122	5610	97.94%	0.023	20.00	19.10					
ANT 5	Head	802.11ac (VHT80)	Power State 5 Mode A	0	Right Tilt	122	5610	97.94%	0.017	20.00	19.10					
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Back	122	5610	97.94%	0.643	19.00	18.39	0.853	1.002	0.281	0.330	
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Back	138	5690	97.94%	1.020	19.00	18.36	0.796	0.942	0.272	0.322	
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Front	122	5610	97.94%	0.298	19.00	18.39	0.342	0.402	0.128	0.150	
ANT 5	Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Edge Bottom	122	5610	97.94%	0.365	19.00	18.39					
ANT 5	Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Edge Left	122	5610	97.94%	0.486	19.00	18.39	0.545	0.640	0.181	0.213	
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**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	138	5690	97.94%	0.086	20.50	19.20					
ANT 6	Head	802.11ac (VHT80)	Power State 5 Mode A	0	Left Tilt	138	5690	97.94%	0.132	20.50	19.20	0.128	0.176	0.051	0.070	
ANT 6	Head	802.11ac (VHT80)	Power State 5 Mode A	0	Right Cheek	138	5690	97.94%	0.064	20.50	19.20					
ANT 6	Head	802.11ac (VHT80)	Power State 5 Mode A	0	Right Tilt	138	5690	97.94%	0.092	20.50	19.20					
ANT 6	Body & Hotspot	802.11ac (VHT160)	Power State 5 Mode B	5	Back	114	5570	96.49%	0.604	12.75	12.00	0.832	1.025	0.204	0.251	
ANT 6	Body & Hotspot	802.11ac (VHT160)	Power State 5 Mode B	5	Front	114	5570	96.49%	0.015	12.75	12.00	0.002	0.002	0.000	0.000	
ANT 6	Hotspot	802.11ac (VHT160)	Power State 5 Mode B	5	Edge Top	114	5570	96.49%	0.082	12.75	12.00					
ANT 6	Hotspot	802.11ac (VHT160)	Power State 5 Mode B	5	Edge Left	114	5570	96.49%	0.087	12.75	12.00	0.079	0.097	0.015	0.018	
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**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 (VHT160)	Power State 6 Mode A	0	Left Cheek	114	5570	96.49%	0.012	15.50	15.10	0.003	0.003	0.000	0.000	
ANT 5	Body & Hotspot	802.11ac (VHT160)	Power State 6 Mode B	5	Back	114	5570	96.49%	0.265	14.50	14.30	0.289	0.314	0.097	0.105	
ANT 5	Body & Hotspot	802.11ac (VHT160)	Power State 6 Mode B	5	Front	114	5570	96.49%	0.123	14.50	14.30	0.126	0.137	0.043	0.047	
ANT 5	Hotspot	802.11ac (VHT160)	Power State 6 Mode B	5	Edge Left	114	5570	96.49%	0.147	14.50	14.30	0.178	0.193	0.056	0.061	
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**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	114	5570	96.49%	0.328	8.25	8.23	0.361	0.376	0.081	0.084	
ANT 6	Body & Hotspot	802.11ac (VHT160)	Power State 6 Mode B	5	Front	114	5570	96.49%	0.008	8.25	8.23	0.001	0.001	0.000	0.000	
ANT 6	Hotspot	802.11ac (VHT160)	Power State 6 Mode B	5	Edge Left	114	5570	96.49%	0.023	8.25	8.23	0.016	0.017	0.000	0.000	

Notes:

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

SAR Testing on Power Mode 4/6 was performed on the worst-case position for each Exposure Condition derived from Power State 1. Additional positions were run according to KDB 248227 D01.

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Antenna(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	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	97.94%	0.034	20.50	19.40	0.018	0.024	0.000	0.000	
ANT 5	Head	802.11ac (VHT80)	Power State 1 Mode A	0	Left Tilt	155	5775	97.94%	0.009	20.50	19.40					
ANT 5	Head	802.11ac (VHT80)	Power State 1 Mode A	0	Right Cheek	155	5775	97.94%	0.019	20.50	19.40					
ANT 5	Head	802.11ac (VHT80)	Power State 1 Mode A	0	Right Tilt	155	5775	97.94%	0.011	20.50	19.40					
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	Back	155	5775	97.94%	0.847	18.25	17.40	0.901	1.119	0.286	0.355	
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	Front	155	5775	97.94%	0.156	18.25	17.40	0.156	0.194	0.055	0.068	
ANT 5	Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	Edge Bottom	155	5775	97.94%	0.362	18.25	17.40	0.393	0.488	0.138	0.171	
ANT 5	Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	Edge Left	155	5775	97.94%	0.328	18.25	17.40					
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**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	97.94%	0.110	20.50	19.00					
ANT 6	Head	802.11ac (VHT80)	Power State 1 Mode A	0	Left Tilt	155	5775	97.94%	0.116	20.50	19.00	0.126	**0.182**	0.047	0.068	94
ANT 6	Head	802.11ac (VHT80)	Power State 1 Mode A	0	Right Cheek	155	5775	97.94%	0.059	20.50	19.00					
ANT 6	Head	802.11ac (VHT80)	Power State 1 Mode A	0	Right Tilt	155	5775	97.94%	0.092	20.50	19.00					
ANT 6	Body & Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	Back	155	5775	97.94%	0.677	14.50	14.00	1.010	**1.157**	0.266	0.305	95
ANT 6	Body & Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	Front	155	5775	97.94%	0.011	14.50	14.00	0.007	0.008	0.003	0.003	
ANT 6	Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	Edge Top	155	5775	97.94%	0.108	14.50	14.00					
ANT 6	Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	Edge Left	155	5775	97.94%	0.118	14.50	14.00	0.127	0.145	0.048	0.055	
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**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	97.94%	0.010	16.75	15.50	0.007	0.010	0.001	0.001	
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 4 Mode B	5	Back	155	5775	97.94%	0.356	14.25	13.74	0.408	0.468	0.130	0.149	
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 4 Mode B	5	Front	155	5775	97.94%	0.066	14.25	13.74	0.059	0.068	0.019	0.022	
ANT 5	Hotspot	802.11ac (VHT80)	Power State 4 Mode B	5	Edge Bottom	155	5775	97.94%	0.167	14.25	13.74	0.181	0.208	0.059	0.068	
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**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 (VHT80)	Power State 4 Mode B	5	Back	155	5775	97.94%	0.262	10.50	9.50	0.345	0.443	0.081	0.104	
ANT 6	Body & Hotspot	802.11ac (VHT80)	Power State 4 Mode B	5	Front	155	5775	97.94%	0.009	10.50	9.50	0.003	0.004	0.000	0.000	
ANT 6	Hotspot	802.11ac (VHT80)	Power State 4 Mode B	5	Edge Left	155	5775	97.94%	0.055	10.50	9.50	0.060	0.077	0.015	0.019	
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**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	97.94%	0.034	20.25	19.40	0.018	0.022	0.000	0.000	
ANT 5	Head	802.11ac (VHT80)	Power State 5 Mode A	0	Left Tilt	155	5775	97.94%	0.009	20.25	19.40					
ANT 5	Head	802.11ac (VHT80)	Power State 5 Mode A	0	Right Cheek	155	5775	97.94%	0.019	20.25	19.40					
ANT 5	Head	802.11ac (VHT80)	Power State 5 Mode A	0	Right Tilt	155	5775	97.94%	0.011	20.25	19.40					
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Back	155	5775	97.94%	0.847	17.75	17.40	0.901	0.997	0.286	0.317	
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Front	155	5775	97.94%	0.156	17.75	17.40	0.156	0.173	0.055	0.061	
ANT 5	Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Edge Bottom	155	5775	97.94%	0.362	17.75	17.40	0.393	0.435	0.138	0.153	
ANT 5	Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Edge Left	155	5775	97.94%	0.328	17.75	17.40					
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**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	97.94%	0.110	20.50	19.00					
ANT 6	Head	802.11ac (VHT80)	Power State 5 Mode A	0	Left Tilt	155	5775	97.94%	0.116	20.50	19.00	0.126	0.182	0.047	0.068	
ANT 6	Head	802.11ac (VHT80)	Power State 5 Mode A	0	Right Cheek	155	5775	97.94%	0.059	20.50	19.00					
ANT 6	Head	802.11ac (VHT80)	Power State 5 Mode A	0	Right Tilt	155	5775	97.94%	0.092	20.50	19.00					
ANT 6	Body & Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Back	155	5775	97.94%	0.677	14.00	14.00	1.010	1.031	0.266	0.272	
ANT 6	Body & Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Front	155	5775	97.94%	0.011	14.00	14.00	0.007	0.007	0.003	0.003	
ANT 6	Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Edge Top	155	5775	97.94%	0.108	14.00	14.00					
ANT 6	Hotspot	802.11ac (VHT80)	Power State 5 Mode B	5	Edge Left	155	5775	97.94%	0.118	14.00	14.00	0.127	0.130	0.048	0.049	
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**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	97.94%	0.010	15.75	15.50	0.007	0.008	0.001	0.001	
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 6 Mode B	5	Back	155	5775	97.94%	0.256	13.25	12.06	0.296	0.397	0.093	0.125	
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**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 (VHT80)	Power State 6 Mode B	5	Back	155	5775	97.94%	0.262	9.50	9.50	0.345	0.352	0.081	0.083	
ANT 6	Body & Hotspot	802.11ac (VHT80)	Power State 6 Mode B	5	Front	155	5775	97.94%	0.009	9.50	9.50	0.003	0.003	0.000	0.000	
ANT 6	Hotspot	802.11ac (VHT80)	Power State 6 Mode B	5	Edge Left	155	5775	97.94%	0.055	9.50	9.50	0.060	0.061	0.015	0.015	

Notes:

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

SAR Testing on Power Mode 4/6 was performed on the worst-case position for each Exposure Condition derived from Power State 1. Additional positions were run according to KDB 248227 D01.

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

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Antenna(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	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)	APD Meas. (W/m2)	APD Scaled (W/m2)	Plot No.
ANT 5	Head	802.11ax (HE160)	Power State 1 Mode A	0	Left Cheek	79	6345	97.88%	0.011	12.25	11.45	0.000	0.000	0.000	0.000	0.014	0.017	
ANT 5	Head	802.11ax (HE160)	Power State 1 Mode A	0	Left Tilt	79	6345	97.88%	0.003	12.25	11.45							
ANT 5	Head	802.11ax (HE160)	Power State 1 Mode A	0	Right Cheek	79	6345	97.88%	0.004	12.25	11.45							
ANT 5	Head	802.11ax (HE160)	Power State 1 Mode A	0	Right Tilt	79	6345	97.88%	0.006	12.25	11.45							
ANT 5	Body-worn & Extremity	802.11ax (HE160)	Power State 1 Mode B	5	Back	79	6345	97.88%	0.189	12.25	11.45	0.222	0.273	0.066	0.081	1.520	1.867	
ANT 5	Body-worn & Extremity	802.11ax (HE160)	Power State 1 Mode B	5	Front	79	6345	97.88%	0.000	12.25	11.45							
ANT 5	Body-worn & Extremity	802.11ax (HE160)	Power State 1 Mode B	5	Edge Bottom	79	6345	97.88%	0.000	12.25	11.45							
ANT 5	Body-worn & Extremity	802.11ax (HE160)	Power State 1 Mode B	5	Edge Left	79	6345	97.88%	0.037	12.25	11.45							
Antenna(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	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)	APD Meas. (W/m2)	APD Scaled (W/m2)	Plot No.
ANT 6	Head	802.11ax (HE160)	Power State 1 Mode A	0	Left Cheek	79	6345	97.88%	0.015	9.50	8.87	0.005	**0.006**	0.002	0.002	0.036	0.043	96
ANT 6	Head	802.11ax (HE160)	Power State 1 Mode A	0	Left Tilt	79	6345	97.88%	0.002	9.50	8.87							
ANT 6	Head	802.11ax (HE160)	Power State 1 Mode A	0	Right Cheek	79	6345	97.88%	0.002	9.50	8.87							
ANT 6	Head	802.11ax (HE160)	Power State 1 Mode A	0	Right Tilt	79	6345	97.88%	0.001	9.50	8.87							
ANT 6	Body-worn & Extremity	802.11ax (HE160)	Power State 1 Mode B	5	Back	79	6345	97.88%	0.209	9.50	8.87	0.265	**0.313**	0.071	0.084	1.660	1.961	97
ANT 6	Body-worn & Extremity	802.11ax (HE160)	Power State 1 Mode B	5	Front	79	6345	97.88%	0.000	9.50	8.87							
ANT 6	Body-worn & Extremity	802.11ax (HE160)	Power State 1 Mode B	5	Edge Top	79	6345	97.88%	0.004	9.50	8.87							
ANT 6	Body-worn & Extremity	802.11ax (HE160)	Power State 1 Mode B	5	Edge Left	79	6345	97.88%	0.000	9.50	8.87							
Antenna(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	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)	APD Meas. (W/m2)	APD Scaled (W/m2)	Plot No.
ANT 5	Head	802.11ax (HE160)	Power State 4 Mode A	0	Left Cheek	79	6345	97.88%	0.006	11.25	10.25	0.000	0.000	0.000	0.000	0.003	0.004	
ANT 5	Body-worn & Extremity	802.11ax (HE160)	Power State 4 Mode B	5	Back	79	6345	97.88%	0.139	11.25	10.25	0.172	0.221	0.049	0.063	1.140	1.466	
Antenna(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	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)	APD Meas. (W/m2)	APD Scaled (W/m2)	Plot No.
ANT 6	Head	802.11ax (HE160)	Power State 4 Mode A	0	Left Cheek	79	6345	97.88%	0.012	8.50	7.50	0.006	0.008	0.002	0.003	0.052	0.067	
ANT 6	Body-worn & Extremity	802.11ax (HE160)	Power State 4 Mode B	5	Back	79	6345	97.88%	0.138	8.50	7.50	0.196	0.252	0.053	0.068	1.230	1.582	
Antenna(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	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)	APD Meas. (W/m2)	APD Scaled (W/m2)	Plot No.
ANT 5	Head	802.11ax (HE160)	Power State 5 Mode A	0	Left Cheek	79	6345	97.88%	0.011	11.75	11.45	0.000	0.000	0.000	0.000	0.014	0.015	
ANT 5	Head	802.11ax (HE160)	Power State 5 Mode A	0	Left Tilt	79	6345	97.88%	0.003	11.75	11.45							
ANT 5	Head	802.11ax (HE160)	Power State 5 Mode A	0	Right Cheek	79	6345	97.88%	0.004	11.75	11.45							
ANT 5	Head	802.11ax (HE160)	Power State 5 Mode A	0	Right Tilt	79	6345	97.88%	0.006	11.75	11.45							
ANT 5	Body-worn & Extremity	802.11ax (HE160)	Power State 5 Mode B	5	Back	79	6345	97.88%	0.189	11.75	11.45	0.222	0.243	0.066	0.072	1.520	1.664	
ANT 5	Body-worn & Extremity	802.11ax (HE160)	Power State 5 Mode B	5	Front	79	6345	97.88%	0.037	11.75	11.45							
ANT 5	Body-worn & Extremity	802.11ax (HE160)	Power State 5 Mode B	5	Edge Bottom	79	6345	97.88%	0.037	11.75	11.45							
ANT 5	Body-worn & Extremity	802.11ax (HE160)	Power State 5 Mode B	5	Edge Left	79	6345	97.88%	0.037	11.75	11.45							
Antenna(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	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)	APD Meas. (W/m2)	APD Scaled (W/m2)	Plot No.
ANT 6	Head	802.11ax (HE160)	Power State 5 Mode A	0	Left Cheek	79	6345	97.88%	0.015	9.00	8.87	0.005	0.005	0.002	0.002	0.036	0.038	
ANT 6	Head	802.11ax (HE160)	Power State 5 Mode A	0	Left Tilt	79	6345	97.88%	0.002	9.00	8.87							
ANT 6	Head	802.11ax (HE160)	Power State 5 Mode A	0	Right Cheek	79	6345	97.88%	0.002	9.00	8.87							
ANT 6	Head	802.11ax (HE160)	Power State 5 Mode A	0	Right Tilt	79	6345	97.88%	0.001	9.00	8.87							
ANT 6	Body-worn & Extremity	802.11ax (HE160)	Power State 5 Mode B	5	Back	79	6345	97.88%	0.209	9.00	8.87	0.265	0.279	0.071	0.075	1.660	1.747	
ANT 6	Body-worn & Extremity	802.11ax (HE160)	Power State 1 Mode B	5	Front	79	6345	97.88%	0.000	9.50	8.87							
ANT 6	Body-worn & Extremity	802.11ax (HE160)	Power State 5 Mode B	5	Edge Top	79	6345	97.88%	0.004	9.00	8.87							
ANT 6	Body-worn & Extremity	802.11ax (HE160)	Power State 1 Mode B	5	Edge Left	79	6345	97.88%	0.000	9.50	8.87							
Antenna(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	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)	APD Meas. (W/m2)	APD Scaled (W/m2)	Plot No.
ANT 5	Head	802.11ax (HE160)	Power State 6 Mode A	0	Left Cheek	79	6345	97.88%	0.006	10.25	10.25	0.000	0.000	0.000	0.000	0.003	0.003	
ANT 5	Body-worn & Extremity	802.11ax (HE160)	Power State 6 Mode B	5	Back	79	6345	97.88%	0.139	10.25	10.25	0.172	0.176	0.049	0.050	1.140	1.165	
Antenna(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	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)	APD Meas. (W/m2)	APD Scaled (W/m2)	Plot No.
ANT 6	Head	802.11ax (HE160)	Power State 6 Mode A	0	Left Cheek	79	6345	97.88%	0.012	7.50	7.50	0.006	0.006	0.002	0.002	0.052	0.053	
ANT 6	Body-worn & Extremity	802.11ax (HE160)	Power State 6 Mode B	5	Back	79	6345	97.88%	0.138	7.50	7.50	0.196	0.200	0.053	0.054	1.230	1.257	

Note(s):

To comply with KDB 941225 D07 v01r02 and KDB 648474 D04 v01r03, 1-g SAR testing was performed on the higher Maximum Output Power between SP and LPI power at a separation distance of 5 mm to exclude 10-g SAR for all non-Head exposure conditions where the transmitter distance to surface is within 25 mm. Thus, Body-worn and Extremity were amalgamated into one exposure condition using 1-g SAR at 5 mm to confirm compliance. 1-g SAR on the higher Maximum Output Power between SP and LPI power, at a separation distance of 5 mm, is a more conservative representation than 10-g SAR at 0 mm. Therefore, SAR Testing for VLP is covered.

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Antenna(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	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)	APD Meas. (W/m2)	APD Scaled (W/m2)	Plot No.
ANT 5	Head	802.11ax (HE160)	Power State 1 Mode A	0	Left Cheek	111	6505	97.88%	0.000	12.50	11.80							
ANT 5	Head	802.11ax (HE160)	Power State 1 Mode A	0	Left Tilt	111	6505	97.88%	0.000	12.50	11.80							
ANT 5	Head	802.11ax (HE160)	Power State 1 Mode A	0	Right Cheek	111	6505	97.88%	0.000	12.50	11.80	0.004	0.005	0.001	0.001	0.027	0.032	
ANT 5	Head	802.11ax (HE160)	Power State 1 Mode A	0	Right Tilt	111	6505	97.88%	0.000	12.50	11.80							
ANT 5	Body-worn & Extremity	802.11ax (HE160)	Power State 1 Mode B	5	Back	111	6505	97.88%	0.187	12.50	11.80	0.228	0.274	0.067	0.080	1.530	1.837	
ANT 5	Body-worn & Extremity	802.11ax (HE160)	Power State 1 Mode B	5	Front	111	6505	97.88%	0.037	12.50	11.80							
ANT 5	Body-worn & Extremity	802.11ax (HE160)	Power State 1 Mode B	5	Edge Bottom	111	6505	97.88%	0.125	12.50	11.80							
ANT 5	Body-worn & Extremity	802.11ax (HE160)	Power State 1 Mode B	5	Edge Left	111	6505	97.88%	0.058	12.50	11.80							
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**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)**	**APD Meas. (W/m2)**	**APD Scaled (W/m2)**	**Plot No.**
ANT 6	Head	802.11ax (HE160)	Power State 1 Mode A	0	Left Cheek	111	6505	97.88%	0.012	9.25	8.70							
ANT 6	Head	802.11ax (HE160)	Power State 1 Mode A	0	Left Tilt	111	6505	97.88%	0.008	9.25	8.70							
ANT 6	Head	802.11ax (HE160)	Power State 1 Mode A	0	Right Cheek	111	6505	97.88%	0.024	9.25	8.70	0.028	**0.032**	0.008	0.009	0.187	0.217	98
ANT 6	Head	802.11ax (HE160)	Power State 1 Mode A	0	Right Tilt	111	6505	97.88%	0.016	9.25	8.70							
ANT 6	Body-worn & Extremity	802.11ax (HE160)	Power State 1 Mode B	5	Back	111	6505	97.88%	0.250	9.25	8.70	0.282	**0.327**	0.084	0.097	1.950	2.261	99
ANT 6	Body-worn & Extremity	802.11ax (HE160)	Power State 1 Mode B	5	Front	111	6505	97.88%	0.008	9.25	8.70							
ANT 6	Body-worn & Extremity	802.11ax (HE160)	Power State 1 Mode B	5	Edge Top	111	6505	97.88%	0.023	9.25	8.70							
ANT 6	Body-worn & Extremity	802.11ax (HE160)	Power State 1 Mode B	5	Edge Left	111	6505	97.88%	0.021	9.25	8.70							
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**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)**	**APD Meas. (W/m2)**	**APD Scaled (W/m2)**	**Plot No.**
ANT 5	Body-worn & Extremity	802.11ax (HE160)	Power State 4 Mode B	5	Back	111	6505	97.88%	0.130	11.50	10.50	0.161	0.207	0.050	0.064	1.150	1.479	
ANT 5	Body-worn & Extremity	802.11ax (HE160)	Power State 4 Mode B	5	Edge Bottom	111	6505	97.88%	0.108	11.50	10.50	0.129	0.166	0.040	0.051	0.912	1.173	
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**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)**	**APD Meas. (W/m2)**	**APD Scaled (W/m2)**	**Plot No.**
ANT 6	Head	802.11ax (HE160)	Power State 4 Mode A	0	Right Cheek	111	6505	97.88%	0.021	8.25	7.25	0.018	0.023	0.005	0.006	0.123	0.158	
ANT 6	Body-worn & Extremity	802.11ax (HE160)	Power State 4 Mode B	5	Back	111	6505	97.88%	0.207	8.25	7.25	0.228	0.293	0.067	0.086	1.550	1.994	
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**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)**	**APD Meas. (W/m2)**	**APD Scaled (W/m2)**	**Plot No.**
ANT 5	Head	802.11ax (HE160)	Power State 5 Mode A	0	Left Cheek	111	6505	97.88%	0.000	12.00	11.80							
ANT 5	Head	802.11ax (HE160)	Power State 5 Mode A	0	Left Tilt	111	6505	97.88%	0.000	12.00	11.80							
ANT 5	Head	802.11ax (HE160)	Power State 5 Mode A	0	Right Cheek	111	6505	97.88%	0.000	12.00	11.80	0.004	0.004	0.001	0.001	0.027	0.029	
ANT 5	Head	802.11ax (HE160)	Power State 5 Mode A	0	Right Tilt	111	6505	97.88%	0.000	12.00	11.80							
ANT 5	Body-worn & Extremity	802.11ax (HE160)	Power State 5 Mode B	5	Back	111	6505	97.88%	0.187	12.00	11.80	0.228	0.244	0.067	0.072	1.530	1.637	
ANT 5	Body-worn & Extremity	802.11ax (HE160)	Power State 5 Mode B	5	Front	111	6505	97.88%	0.037	12.00	11.80							
ANT 5	Body-worn & Extremity	802.11ax (HE160)	Power State 5 Mode B	5	Edge Bottom	111	6505	97.88%	0.125	12.00	11.80							
ANT 5	Body-worn & Extremity	802.11ax (HE160)	Power State 5 Mode B	5	Edge Left	111	6505	97.88%	0.058	12.00	11.80							
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**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)**	**APD Meas. (W/m2)**	**APD Scaled (W/m2)**	**Plot No.**
ANT 6	Head	802.11ax (HE160)	Power State 5 Mode A	0	Left Cheek	111	6505	97.88%	0.012	8.75	8.70							
ANT 6	Head	802.11ax (HE160)	Power State 5 Mode A	0	Left Tilt	111	6505	97.88%	0.008	8.75	8.70							
ANT 6	Head	802.11ax (HE160)	Power State 5 Mode A	0	Right Cheek	111	6505	97.88%	0.024	8.75	8.70	0.028	0.029	0.008	0.008	0.187	0.193	
ANT 6	Head	802.11ax (HE160)	Power State 5 Mode A	0	Right Tilt	111	6505	97.88%	0.016	8.75	8.70							
ANT 6	Body-worn & Extremity	802.11ax (HE160)	Power State 5 Mode B	5	Back	111	6505	97.88%	0.250	8.75	8.70	0.282	0.291	0.084	0.087	1.950	2.015	
ANT 6	Body-worn & Extremity	802.11ax (HE160)	Power State 5 Mode B	5	Front	111	6505	97.88%	0.008	8.75	8.70							
ANT 6	Body-worn & Extremity	802.11ax (HE160)	Power State 5 Mode B	5	Edge Top	111	6505	97.88%	0.023	8.75	8.70							
ANT 6	Body-worn & Extremity	802.11ax (HE160)	Power State 5 Mode B	5	Edge Left	111	6505	97.88%	0.021	8.75	8.70							
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**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)**	**APD Meas. (W/m2)**	**APD Scaled (W/m2)**	**Plot No.**
ANT 5	Body-worn & Extremity	802.11ax (HE160)	Power State 6 Mode B	5	Back	111	6505	97.88%	0.130	10.50	10.50	0.161	0.164	0.050	0.051	1.150	1.175	
ANT 5	Body-worn & Extremity	802.11ax (HE160)	Power State 6 Mode B	5	Edge Bottom	111	6505	97.88%	0.108	10.50	10.50	0.129	0.132	0.040	0.041	0.912	0.932	
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**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)**	**APD Meas. (W/m2)**	**APD Scaled (W/m2)**	**Plot No.**
ANT 6	Head	802.11ax (HE160)	Power State 6 Mode A	0	Right Cheek	111	6505	97.88%	0.021	7.25	7.25	0.018	0.018	0.005	0.005	0.123	0.126	
ANT 6	Body-worn & Extremity	802.11ax (HE160)	Power State 6 Mode B	5	Back	111	6505	97.88%	0.207	7.25	7.25	0.228	0.233	0.067	0.068	1.550	1.584	

Note(s):

To comply with KDB 941225 D07 v01r02 and KDB 648474 D04 v01r03, 1-g SAR testing was performed on the higher Maximum Output Power between SP and LPI power at a separation distance of 5 mm to exclude 10-g SAR for all non-Head exposure conditions where the transmitter distance to surface is within 25 mm. Thus, Body-worn and Extremity were amalgamated into one exposure condition using 1-g SAR at 5 mm to confirm compliance. 1-g SAR on the higher Maximum Output Power between SP and LPI power, at a separation distance of 5 mm, is a more conservative representation than 10-g SAR at 0 mm. Therefore, SAR Testing for VLP is covered.

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Antenna(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	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)	APD Meas. (W/m2)	APD Scaled (W/m2)	Plot No.
ANT 5	Head	802.11ax (HE160)	Power State 1 Mode A	0	Left Cheek	143	6665	97.88%	0.000	12.50	11.50							
ANT 5	Head	802.11ax (HE160)	Power State 1 Mode A	0	Left Tilt	143	6665	97.88%	0.002	12.50	11.50	0.000	0.000	0.000	0.000	0.008	0.010	
ANT 5	Head	802.11ax (HE160)	Power State 1 Mode A	0	Right Cheek	143	6665	97.88%	0.000	12.50	11.50							
ANT 5	Head	802.11ax (HE160)	Power State 1 Mode A	0	Right Tilt	143	6665	97.88%	0.000	12.50	11.50							
ANT 5	Body-worn & Extremity	802.11ax (HE160)	Power State 1 Mode B	5	Back	143	6665	97.88%	0.133	12.50	11.50	0.158	0.203	0.047	0.060	1.080	1.389	
ANT 5	Body-worn & Extremity	802.11ax (HE160)	Power State 1 Mode B	5	Front	143	6665	97.88%	0.024	12.50	11.50							
ANT 5	Body-worn & Extremity	802.11ax (HE160)	Power State 1 Mode B	5	Edge Bottom	143	6665	97.88%	0.062	12.50	11.50							
ANT 5	Body-worn & Extremity	802.11ax (HE160)	Power State 1 Mode B	5	Edge Left	143	6665	97.88%	0.040	12.50	11.50							
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**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)**	**APD Meas. (W/m2)**	**APD Scaled (W/m2)**	**Plot No.**
ANT 6	Head	802.11ax (HE80)	Power State 1 Mode A	0	Left Cheek	119	6545	98.38%	0.026	9.25	8.66							
ANT 6	Head	802.11ax (HE80)	Power State 1 Mode A	0	Left Tilt	119	6545	98.38%	0.031	9.25	8.66	0.022	**0.026**	0.007	0.008	0.166	0.193	100
ANT 6	Head	802.11ax (HE80)	Power State 1 Mode A	0	Right Cheek	119	6545	98.38%	0.025	9.25	8.66							
ANT 6	Head	802.11ax (HE80)	Power State 1 Mode A	0	Right Tilt	119	6545	98.38%	0.015	9.25	8.66							
ANT 6	Body-worn & Extremity	802.11ax (HE80)	Power State 1 Mode B	5	Back	119	6545	98.38%	0.241	9.25	8.66	0.274	**0.319**	0.083	0.097	1.930	2.247	101
ANT 6	Body-worn & Extremity	802.11ax (HE80)	Power State 1 Mode B	5	Front	119	6545	98.38%	0.021	9.25	8.66							
ANT 6	Body-worn & Extremity	802.11ax (HE80)	Power State 1 Mode B	5	Edge Top	119	6545	98.38%	0.018	9.25	8.66							
ANT 6	Body-worn & Extremity	802.11ax (HE80)	Power State 1 Mode B	5	Edge Left	119	6545	98.38%	0.015	9.25	8.66							
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**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)**	**APD Meas. (W/m2)**	**APD Scaled (W/m2)**	**Plot No.**
ANT 5	Body-worn & Extremity	802.11ax (HE160)	Power State 4 Mode B	5	Back	143	6665	97.88%	0.178	11.50	10.00	0.121	0.175	0.035	0.051	0.815	1.176	
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**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)**	**APD Meas. (W/m2)**	**APD Scaled (W/m2)**	**Plot No.**
ANT 6	Head	802.11ax (HE80)	Power State 4 Mode A	0	Left Tilt	119	6545	98.38%	0.017	8.25	7.24	0.014	0.018	0.004	0.005	0.082	0.105	
ANT 6	Body-worn & Extremity	802.11ax (HE80)	Power State 4 Mode B	5	Back	119	6545	98.38%	0.203	8.25	7.24	0.226	0.290	0.068	0.087	1.590	2.039	
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**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)**	**APD Meas. (W/m2)**	**APD Scaled (W/m2)**	**Plot No.**
ANT 5	Head	802.11ax (HE160)	Power State 5 Mode A	0	Left Cheek	143	6665	97.88%	0.000	12.00	11.50							
ANT 5	Head	802.11ax (HE160)	Power State 5 Mode A	0	Left Tilt	143	6665	97.88%	0.005	12.00	11.50	0.000	0.000	0.000	0.000	0.008	0.009	
ANT 5	Head	802.11ax (HE160)	Power State 5 Mode A	0	Right Cheek	143	6665	97.88%	0.001	12.00	11.50							
ANT 5	Head	802.11ax (HE160)	Power State 5 Mode A	0	Right Tilt	143	6665	97.88%	0.003	12.00	11.50							
ANT 5	Body-worn & Extremity	802.11ax (HE160)	Power State 5 Mode B	5	Back	143	6665	97.88%	0.133	12.00	11.50	0.158	0.181	0.047	0.054	1.080	1.238	
ANT 5	Body-worn & Extremity	802.11ax (HE160)	Power State 5 Mode B	5	Front	143	6665	97.88%	0.024	12.00	11.50							
ANT 5	Body-worn & Extremity	802.11ax (HE160)	Power State 5 Mode B	5	Edge Bottom	143	6665	97.88%	0.062	12.00	11.50							
ANT 5	Body-worn & Extremity	802.11ax (HE160)	Power State 5 Mode B	5	Edge Left	143	6665	97.88%	0.040	12.00	11.50							
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**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)**	**APD Meas. (W/m2)**	**APD Scaled (W/m2)**	**Plot No.**
ANT 6	Head	802.11ax (HE80)	Power State 5 Mode A	0	Left Cheek	119	6545	98.38%	0.026	8.75	8.66							
ANT 6	Head	802.11ax (HE80)	Power State 5 Mode A	0	Left Tilt	119	6545	98.38%	0.031	8.75	8.66	0.022	0.023	0.007	0.007	0.166	0.172	
ANT 6	Head	802.11ax (HE80)	Power State 5 Mode A	0	Right Cheek	119	6545	98.38%	0.025	8.75	8.66							
ANT 6	Head	802.11ax (HE80)	Power State 5 Mode A	0	Right Tilt	119	6545	98.38%	0.015	8.75	8.66							
ANT 6	Body-worn & Extremity	802.11ax (HE80)	Power State 5 Mode B	5	Back	119	6545	98.38%	0.241	8.75	8.66	0.274	0.284	0.083	0.086	1.930	2.003	
ANT 6	Body-worn & Extremity	802.11ax (HE80)	Power State 5 Mode B	5	Front	119	6545	98.38%	0.021	8.75	8.66							
ANT 6	Body-worn & Extremity	802.11ax (HE80)	Power State 5 Mode B	5	Edge Top	119	6545	98.38%	0.018	8.75	8.66							
ANT 6	Body-worn & Extremity	802.11ax (HE80)	Power State 5 Mode B	5	Edge Left	119	6545	98.38%	0.015	8.75	8.66							
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**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)**	**APD Meas. (W/m2)**	**APD Scaled (W/m2)**	**Plot No.**
ANT 5	Body-worn & Extremity	802.11ax (HE160)	Power State 6 Mode B	5	Back	143	6665	97.88%	0.178	10.50	10.00	0.121	0.139	0.035	0.040	0.815	0.934	
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**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)**	**APD Meas. (W/m2)**	**APD Scaled (W/m2)**	**Plot No.**
ANT 6	Head	802.11ax (HE80)	Power State 6 Mode A	0	Left Tilt	119	6545	98.38%	0.017	7.25	7.24	0.014	0.014	0.004	0.004	0.082	0.084	
ANT 6	Body-worn & Hotspot	802.11ax (HE80)	Power State 6 Mode B	5	Back	119	6545	98.38%	0.203	7.25	7.24	0.226	0.230	0.068	0.069	1.590	1.620	

Note(s):

To comply with KDB 941225 D07 v01r02 and KDB 648474 D04 v01r03, 1-g SAR testing was performed on the higher Maximum Output Power between SP and LPI power at a separation distance of 5 mm to exclude 10-g SAR for all non-Head exposure conditions where the transmitter distance to surface is within 25 mm. Thus, Body-worn and Extremity were amalgamated into one exposure condition using 1-g SAR at 5 mm to confirm compliance. 1-g SAR on the higher Maximum Output Power between SP and LPI power, at a separation distance of 5 mm, is a more conservative representation than 10-g SAR at 0 mm. Therefore, SAR Testing for VLP is covered.

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Antenna(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	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)	APD Meas. (W/m2)	APD Scaled (W/m2)	Plot No.
ANT 5	Head	802.11ax (HE160)	Power State 1 Mode A	0	Left Cheek	207	6985	97.88%	0.005	12.00	10.91	0.000	0.000	0.000	0.000	0.012	0.016	
ANT 5	Head	802.11ax (HE160)	Power State 1 Mode A	0	Left Tilt	207	6985	97.88%	0.002	12.00	10.91							
ANT 5	Head	802.11ax (HE160)	Power State 1 Mode A	0	Right Cheek	207	6985	97.88%	0.002	12.00	10.91							
ANT 5	Head	802.11ax (HE160)	Power State 1 Mode A	0	Right Tilt	207	6985	97.88%	0.000	12.00	10.91							
ANT 5	Body-worn & Extremity	802.11ax (HE160)	Power State 1 Mode B	5	Back	207	6985	97.88%	0.187	12.00	10.91	0.259	**0.340**	0.067	0.088	1.580	2.075	102
ANT 5	Body-worn & Extremity	802.11ax (HE160)	Power State 1 Mode B	5	Front	207	6985	97.88%	0.000	12.00	10.91							
ANT 5	Body-worn & Extremity	802.11ax (HE160)	Power State 1 Mode B	5	Edge Bottom	207	6985	97.88%	0.021	12.00	10.91							
ANT 5	Body-worn & Extremity	802.11ax (HE160)	Power State 1 Mode B	5	Edge Left	207	6985	97.88%	0.000	12.00	10.91							
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**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)**	**APD Meas. (W/m2)**	**APD Scaled (W/m2)**	**Plot No.**
ANT 6	Head	802.11ax (HE40)	Power State 1 Mode A	0	Left Cheek	187	6885	98.59%	0.021	8.50	8.00							
ANT 6	Head	802.11ax (HE40)	Power State 1 Mode A	0	Left Tilt	187	6885	98.59%	0.015	8.50	8.00	0.011	**0.013**	0.003	0.003	0.064	0.073	103
ANT 6	Head	802.11ax (HE40)	Power State 1 Mode A	0	Right Cheek	187	6885	98.59%	0.014	8.50	8.00							
ANT 6	Head	802.11ax (HE40)	Power State 1 Mode A	0	Right Tilt	187	6885	98.59%	0.014	8.50	8.00							
ANT 6	Body-worn & Extremity	802.11ax (HE40)	Power State 1 Mode B	5	Back	187	6885	98.59%	0.247	8.50	8.00	0.280	0.319	0.089	0.101	2.040	2.322	
ANT 6	Body-worn & Extremity	802.11ax (HE40)	Power State 1 Mode B	5	Front	187	6885	98.59%	0.000	8.50	8.00							
ANT 6	Body-worn & Extremity	802.11ax (HE40)	Power State 1 Mode B	5	Edge Top	187	6885	98.59%	0.042	8.50	8.00							
ANT 6	Body-worn & Extremity	802.11ax (HE40)	Power State 1 Mode B	5	Edge Left	187	6885	98.59%	0.000	8.50	8.00							
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**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)**	**APD Meas. (W/m2)**	**APD Scaled (W/m2)**	**Plot No.**
ANT 5	Head	802.11ax (HE40)	Power State 4 Mode A	0	Left Cheek	187	6885	98.59%	0.014	11.25	9.95	0.001	0.001	0.001	0.001	0.014	0.019	
ANT 5	Body-worn & Extremity	802.11ax (HE40)	Power State 4 Mode B	5	Back	187	6885	98.59%	0.136	11.25	9.95	0.165	0.226	0.043	0.059	1.000	1.368	
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**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)**	**APD Meas. (W/m2)**	**APD Scaled (W/m2)**	**Plot No.**
ANT 6	Head	802.11ax (HE40)	Power State 4 Mode A	0	Left Tilt	187	6885	98.59%	0.026	7.50	6.75	0.009	0.011	0.002	0.002	0.043	0.052	
ANT 6	Body-worn & Extremity	802.11ax (HE40)	Power State 4 Mode B	5	Back	187	6885	98.59%	0.208	7.50	6.75	0.215	0.259	0.069	0.083	1.580	1.905	
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**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)**	**APD Meas. (W/m2)**	**APD Scaled (W/m2)**	**Plot No.**
ANT 5	Head	802.11ax (HE160)	Power State 5 Mode A	0	Left Cheek	207	6985	97.88%	0.005	11.50	10.91	0.000	0.000	0.000	0.000	0.012	0.014	
ANT 5	Head	802.11ax (HE160)	Power State 5 Mode A	0	Left Tilt	207	6985	97.88%	0.002	11.50	10.91							
ANT 5	Head	802.11ax (HE160)	Power State 5 Mode A	0	Right Cheek	207	6985	97.88%	0.002	11.50	10.91							
ANT 5	Head	802.11ax (HE160)	Power State 5 Mode A	0	Right Tilt	207	6985	97.88%	0.000	11.50	10.91							
ANT 5	Body-worn & Extremity	802.11ax (HE160)	Power State 5 Mode B	5	Back	207	6985	97.88%	0.187	11.50	10.91	0.259	0.303	0.067	0.078	1.580	1.849	
ANT 5	Body-worn & Extremity	802.11ax (HE160)	Power State 5 Mode B	5	Front	207	6985	97.88%	0.000	11.50	10.91							
ANT 5	Body-worn & Extremity	802.11ax (HE160)	Power State 5 Mode B	5	Edge Bottom	207	6985	97.88%	0.021	11.50	10.91							
ANT 5	Body-worn & Extremity	802.11ax (HE160)	Power State 5 Mode B	5	Edge Left	207	6985	97.88%	0.000	11.50	10.91							
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**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)**	**APD Meas. (W/m2)**	**APD Scaled (W/m2)**	**Plot No.**
ANT 6	Head	802.11ax (HE40)	Power State 5 Mode A	0	Left Cheek	187	6885	98.59%	0.021	8.00	8.00							
ANT 6	Head	802.11ax (HE40)	Power State 5 Mode A	0	Left Tilt	187	6885	98.59%	0.015	8.00	8.00	0.011	0.011	0.003	0.003	0.064	0.065	
ANT 6	Head	802.11ax (HE40)	Power State 5 Mode A	0	Right Cheek	187	6885	98.59%	0.014	8.00	8.00							
ANT 6	Head	802.11ax (HE40)	Power State 5 Mode A	0	Right Tilt	187	6885	98.59%	0.014	8.00	8.00							
ANT 6	Body-worn & Extremity	802.11ax (HE40)	Power State 5 Mode B	5	Back	187	6885	98.59%	0.247	8.00	8.00	0.280	0.284	0.089	0.090	2.040	2.069	
ANT 6	Body-worn & Extremity	802.11ax (HE40)	Power State 5 Mode B	5	Front	187	6885	98.59%	0.000	8.00	8.00							
ANT 6	Body-worn & Extremity	802.11ax (HE40)	Power State 5 Mode B	5	Edge Top	187	6885	98.59%	0.042	8.00	8.00							
ANT 6	Body-worn & Extremity	802.11ax (HE40)	Power State 5 Mode B	5	Edge Left	187	6885	98.59%	0.000	8.00	8.00							
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**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)**	**APD Meas. (W/m2)**	**APD Scaled (W/m2)**	**Plot No.**
ANT 5	Head	802.11ax (HE40)	Power State 6 Mode A	0	Left Cheek	187	6885	98.59%	0.014	10.50	9.95	0.001	0.001	0.001	0.001	0.014	0.016	
ANT 5	Body-worn & Extremity	802.11ax (HE40)	Power State 6 Mode B	5	Back	187	6885	98.59%	0.136	10.50	9.95	0.165	0.190	0.043	0.050	1.000	1.151	
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**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)**	**APD Meas. (W/m2)**	**APD Scaled (W/m2)**	**Plot No.**
ANT 6	Head	802.11ax (HE40)	Power State 6 Mode A	0	Left Tilt	187	6885	98.59%	0.026	6.50	6.75	0.009	0.009	0.002	0.002	0.043	0.041	
ANT 6	Body-worn & Extremity	802.11ax (HE40)	Power State 6 Mode B	5	Back	187	6885	98.59%	0.208	6.50	6.75	0.215	0.206	0.069	0.066	1.580	1.513	

Note(s):

To comply with KDB 941225 D07 v01r02 and KDB 648474 D04 v01r03, 1-g SAR testing was performed on the higher Maximum Output Power between SP and LPI power at a separation distance of 5 mm to exclude 10-g SAR for all non-Head exposure conditions where the transmitter distance to surface is within 25 mm. Thus, Body-worn and Extremity were amalgamated into one exposure condition using 1-g SAR at 5 mm to confirm compliance. 1-g SAR on the higher Maximum Output Power between SP and LPI power, at a separation distance of 5 mm, is a more conservative representation than 10-g SAR at 0 mm. Therefore, SAR Testing for VLP is covered.

10.40. Wi-Fi 6 GHz (U-NII 5-8 Bands) Power Density

Per TCB workshop October 2018, 4 cm^2 averaging area is considered.

psPD value (mW/cm^2) used the $psPD_{tot+}$ avg value (W/m^2) of test result plot.

Wi-Fi 6GHz Test Rationale:

- Following KDB 388624 D02 Pre-Approval Guidance List v18r05, Appendix OVER6G Step 4:
  - The process of steps 3.1 to 3.4 shall be repeated for at least five channels, at the channel center frequency, selected to cover uniformly the largest frequency ranges used in the device, between 5925 MHz and 7125 MHz, and consistent with KDB Publication 248227 test configuration provisions.
- Following KDB 248227 D01 802.11 Wi-Fi SAR v02r02, §4:
  - When the same maximum power is specified for multiple transmission modes in a frequency band, the largest channel bandwidth, lowest order modulation, lowest data rate and lowest order 802.11a/ax/be mode is used for SAR measurement, on the highest measured output power channel in the initial test configuration, for each frequency band.
- No channels that could transmit below 6GHz were selected for testing to use the PTP-PR Test Methodology.
- The initial test position for iPD was determined using the worst-case 1-g SAR, please refer to §10.39.

iPDn Investigation Results

RF Exposure Conditions	Transmitter	Power Mode	Test Position	U-NII Band	Ch No.	Freq. (MHz)	Mode	Duty Cycle (%)	TuP Limit (dBm)	Meas. (dBm)	Uncertainty Scaling Factor	Grid Step Size (λ)	Dist. (mm)	iPD_1	Meas. $psPD_{tot}$ (W/m^2)	Scaled $psPD_{tot}$ (W/m^2)	Grid Step Size (λ)	Dist. (mm)	iPD_n	Meas. $psPD_{tot}$ (W/m^2)	Scaled $psPD_{tot}$ (W/m^2)	Criterion 1: ≥ -1	Criterion 2: 10% of Limit
Body & Hotspot	ANT 6	Power State 1	Back	UNII-5	47	6185.0	802.11ax (HE160)	93.86%	9.50	8.40	1.581	0.0410	2	3.310	2.330	4.745	0.2500	9.694	1.410	1.140	2.322	3.706	Continue to 2. Full Testing
Body & Hotspot	ANT 6	Power State 1	Back	UNII-8	187	6885.0	802.11ax (HE40)	93.86%	9.00	7.80	1.566	0.0410	2	4.26	3.580	7.391	0.2500	8.709	3.660	1.730	3.572	0.659	Continue to 2. Full Testing

Note(s):

MU scaling applied due to total uncertainty (1.52 dB, 41.9%) exceeds the 30% budget. Scaling applied for the amount exceeding the 30% budget (11.9%).

PTP-PR PD Results

RF Exposure Conditions	Transmitter	Power Mode	Test Position	U-NII Band	Ch No.	Freq. (MHz)	Mode	Duty Cycle (%)	TuP Limit (dBm)	Meas. (dBm)	Uncertainty Scaling Factor	Grid Step Size (λ)	Dist. (mm)	Meas. $psPD_n$ (mW/cm^2)	Scaled $psPD_n$ (mW/cm2)	Meas. $psPD_{tot}$ (mW/cm2)	Scaled $psPD_{tot}$ (mW/cm2)	Plot No.
Body & Hotspot	ANT 5	Power State 1	Back	UNII-5	47	6185.0	802.11ax (HE160)	97.88%	11.25	10.67	1.581	0.0410	2	0.27	0.481	0.36	0.649	.
Body & Hotspot	ANT 5	Power State 1	Back	UNII-5	79	6345.0	802.11ax (HE160)	97.88%	12.25	11.45	1.577	0.0410	2	0.29	0.558	0.35	0.662	.
Body & Hotspot	ANT 5	Power State 1	Back	UNII-6	111	6505.0	802.11ax (HE160)	97.88%	12.50	11.80	1.574	0.0410	2	0.29	0.538	0.38	0.697	.
Body & Hotspot	ANT 5	Power State 1	Back	UNII-7	143	6665.0	802.11ax (HE160)	97.88%	12.50	11.50	1.571	0.0410	2	0.19	0.382	0.31	0.617	.
Body & Hotspot	ANT 5	Power State 1	Back	UNII-8	207	6985.0	802.11ax (HE160)	97.88%	12.00	10.92	1.564	0.0410	2	0.26	0.529	0.35	**0.700**	118
Body & Hotspot	ANT 5	Power State 1	Front	UNII-8	207	6985.0	802.11ax (HE160)	97.88%	12.00	10.92	1.564	0.0410	2	0.105	0.211	0.114	0.229	.
Body & Hotspot	ANT 5	Power State 1	Edge Top	UNII-8	207	6985.0	802.11ax (HE160)	97.88%	12.00	10.92	1.564	0.0410	2	0.002	0.003	0.002	0.004	.
Body & Hotspot	ANT 5	Power State 1	Edge Right	UNII-8	207	6985.0	802.11ax (HE160)	97.88%	12.00	10.92	1.564	0.0410	2	0.015	0.030	0.016	0.031	.
Body & Hotspot	ANT 5	Power State 1	Edge Bottom	UNII-8	207	6985.0	802.11ax (HE160)	97.88%	12.00	10.92	1.564	0.0410	2	0.067	0.134	0.072	0.143	.
Body & Hotspot	ANT 5	Power State 1	Edge Left	UNII-8	207	6985.0	802.11ax (HE160)	97.88%	12.00	10.92	1.564	0.0410	2	0	0.223	0	0.233	.
Body & Hotspot	ANT 6	Power State 1	Back	UNII-5	47	6185.0	802.11ax (HE160)	97.88%	9.00	8.40	1.581	0.0410	2	0.23	0.408	0.33	0.604	.
Body & Hotspot	ANT 6	Power State 1	Back	UNII-5	79	6345.0	802.11ax (HE160)	97.88%	9.50	8.87	1.577	0.0410	2	0.27	0.491	0.38	0.691	.
Body & Hotspot	ANT 6	Power State 1	Back	UNII-6	111	6505.0	802.11ax (HE160)	97.88%	9.25	8.70	1.574	0.0410	2	0.26	0.465	0.34	0.611	.
Body & Hotspot	ANT 6	Power State 1	Back	UNII-7	119	6545.0	802.11ax (HE80)	98.38%	9.25	8.66	1.573	0.0410	2	0.22	0.402	0.39	**0.697**	.
Body & Hotspot	ANT 6	Power State 1	Back	UNII-8	187	6885.0	802.11ax (HE40)	98.59%	8.50	8.00	1.566	0.0410	2	0.29	0.506	0.39	0.687	.
Body & Hotspot	ANT 6	Power State 1	Front	UNII-7	119	6545.0	802.11ax (HE80)	93.86%	9.25	8.66	1.573	0.0410	2	0.037	0.066	0.038	0.068	.
Body & Hotspot	ANT 6	Power State 1	Edge Top	UNII-7	119	6545.0	802.11ax (HE80)	93.86%	9.25	8.66	1.573	0.0410	2	0.029	0.052	0.033	0.059	.
Body & Hotspot	ANT 6	Power State 1	Edge Right	UNII-7	119	6545.0	802.11ax (HE80)	93.86%	9.25	8.66	1.573	0.0410	2	0.031	0.055	0.031	0.056	.
Body & Hotspot	ANT 6	Power State 1	Edge Bottom	UNII-7	119	6545.0	802.11ax (HE80)	93.86%	9.25	8.66	1.573	0.0410	2	0.019	0.034	0.019	0.035	.
Body & Hotspot	ANT 6	Power State 1	Edge Left	UNII-7	119	6545.0	802.11ax (HE80)	93.86%	9.25	8.66	1.573	0.0410	2	0.039	0.070	0.040	0.073	.

Note(s):

MU scaling applied due to total uncertainty (1.52 dB, 41.9%) exceeds the 30% budget. Scaling applied for the amount exceeding the 30% budget (11.9%).
Testing was performed at the most conservative Grid Step Size of 0.041 lambda.

10.41. Bluetooth 2.4GHz

Antenna(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	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	78	2480	20.0	19.3	0.112	0.133	0.064	0.076	
ANT 3	Head	GFSK (BDR)	PStandalone Mode A	0	Left Tilt	78	2480	20.0	19.3	0.040	0.048	0.023	0.027	
ANT 3	Head	GFSK (BDR)	PStandalone Mode A	0	Right Cheek	78	2480	20.0	19.3	0.055	0.065	0.031	0.037	
ANT 3	Head	GFSK (BDR)	PStandalone Mode A	0	Right Tilt	78	2480	20.0	19.3	0.067	0.080	0.035	0.042	
ANT 3	Body & Hotspot	GFSK (BDR)	PStandalone Mode B	5	Back	78	2480	20.0	19.3	0.303	0.360	0.149	0.177	
ANT 3	Body & Hotspot	GFSK (BDR)	PStandalone Mode B	5	Front	78	2480	20.0	19.3	0.340	0.404	0.162	0.193	
ANT 3	Hotspot	GFSK (BDR)	PStandalone Mode B	5	Edge Bottom	78	2480	20.0	19.3	0.127	0.151	0.062	0.074	
ANT 3	Hotspot	GFSK (BDR)	PStandalone Mode B	5	Edge Left	78	2480	20.0	19.3	0.416	0.494	0.188	0.223	
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**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 (LE)	PStandalone Mode A	0	Left Cheek	39	2441	20.0	19.2	0.558	**0.668**	0.269	0.322	105
ANT 4	Head	GFSK (LE)	PStandalone Mode A	0	Left Tilt	39	2441	20.0	19.2	0.334	0.400	0.173	0.207	
ANT 4	Head	GFSK (LE)	PStandalone Mode A	0	Right Cheek	39	2441	20.0	19.2	0.131	0.157	0.075	0.090	
ANT 4	Head	GFSK (LE)	PStandalone Mode A	0	Right Tilt	39	2441	20.0	19.2	0.123	0.147	0.059	0.071	
ANT 4	Body & Hotspot	GFSK (LE)	PStandalone Mode B	5	Back	39	2441	20.0	19.2	0.556	**0.665**	0.293	0.351	106
ANT 4	Body & Hotspot	GFSK (LE)	PStandalone Mode B	5	Front	39	2441	20.0	19.2	0.352	0.421	0.180	0.215	
ANT 4	Hotspot	GFSK (LE)	PStandalone Mode B	5	Edge Top	39	2441	20.0	19.2	0.135	0.162	0.048	0.057	
ANT 4	Hotspot	GFSK (LE)	PStandalone Mode B	5	Edge Right	39	2441	20.0	19.2	0.641	**0.767**	0.282	0.337	107
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**Channel**	**Freq. (MHz)**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 3	Head	GFSK (BDR)	PHigh Mode A	0	Left Cheek	78	2480	18.0	17.3	0.048	0.074	0.027	0.041	
ANT 3	Body & Hotspot	GFSK (BDR)	PHigh Mode B	5	Front	78	2480	17.0	16.4	0.171	0.197	0.081	0.093	
ANT 3	Hotspot	GFSK (BDR)	PHigh Mode B	5	Edge Left	78	2480	17.0	16.4	0.217	0.250	0.100	0.115	
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**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	15.5	14.2	0.224	0.306	0.102	0.139	
ANT 4	Body & Hotspot	GFSK (BDR)	PHigh Mode B	5	Back	39	2441	16.5	15.1	0.217	0.297	0.113	0.155	
ANT 4	Hotspot	GFSK (BDR)	PHigh Mode B	5	Edge Right	39	2441	16.5	15.1	0.252	0.345	0.111	0.152	
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**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	78	2480	15.5	14.2	0.026	0.045	0.015	0.026	
ANT 3	Body & Hotspot	GFSK (BDR)	PMid Mode B	5	Front	39	2441	14.5	13.0	0.111	0.156	0.053	0.074	
ANT 3	Hotspot	GFSK (BDR)	PMid Mode B	5	Edge Left	39	2441	14.5	13.0	0.121	0.170	0.056	0.079	
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**Channel**	**Freq. (MHz)**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 4	Head	GFSK (BDR)	PMid Mode A	0	Left Cheek	39	2441	13.0	11.7	0.117	0.158	0.052	0.070	
ANT 4	Body & Hotspot	GFSK (BDR)	PMid Mode B	5	Back	39	2441	14.0	12.6	0.144	0.198	0.075	0.103	
ANT 4	Hotspot	GFSK (BDR)	PMid Mode B	5	Edge Right	39	2441	14.0	12.6	0.136	0.187	0.060	0.083	
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**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	78	2480	12.5	10.7	0.010	0.020	0.005	0.010	
ANT 3	Body & Hotspot	GFSK (BDR)	PLow Mode B	5	Front	39	2441	11.0	9.8	0.051	0.067	0.024	0.032	
ANT 3	Hotspot	GFSK (BDR)	PLow Mode B	5	Edge Left	39	2441	11.0	9.8	0.063	0.083	0.029	0.038	
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**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	9.5	8.3	0.067	0.089	0.029	0.038	
ANT 4	Body & Hotspot	GFSK (BDR)	PLow Mode B	5	Back	39	2441	10.5	9.3	0.055	0.072	0.029	0.038	
ANT 4	Hotspot	GFSK (BDR)	PLow Mode B	5	Edge Right	39	2441	10.5	9.3	0.057	0.074	0.024	0.031	

10.42. NB UNII

UNII-1

Antenna(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Max Output Pwr (dBm)	Meas. (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 5	Head	π/4 DQPSK (HDR4)	PStandalone Mode A	0	Left Cheek	Mid	5204	14.0	13.6	0.007	**0.008**	0.000	0.000	108
ANT 5	Head	π/4 DQPSK (HDR4)	PStandalone Mode A	0	Left Tilt	Mid	5204	14.0	13.6	0.000	0.000	0.000	0.000	
ANT 5	Head	π/4 DQPSK (HDR4)	PStandalone Mode A	0	Right Cheek	Mid	5204	14.0	13.6	0.005	0.006	0.000	0.000	
ANT 5	Head	π/4 DQPSK (HDR4)	PStandalone Mode A	0	Right Tilt	Mid	5204	14.0	13.6	0.005	0.006	0.000	0.000	
ANT 5	Body & Hotspot	π/4 DQPSK (HDR4)	PStandalone Mode B	5	Back	Mid	5204	14.0	13.6	0.171	0.190	0.054	0.060	
ANT 5	Body & Hotspot	π/4 DQPSK (HDR4)	PStandalone Mode B	5	Front	Mid	5204	14.0	13.6	0.053	0.059	0.016	0.018	
ANT 5	Hotspot	π/4 DQPSK (HDR4)	PStandalone Mode B	5	Edge Bottom	Mid	5204	14.0	13.6	0.104	0.115	0.035	0.039	
ANT 5	Hotspot	π/4 DQPSK (HDR4)	PStandalone Mode B	5	Edge Left	Mid	5204	14.0	13.6	0.114	0.126	0.038	0.042	
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**Channel**	**Freq. (MHz)**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 6	Head	π/4 DQPSK (HDR8)	PStandalone Mode A	0	Left Cheek	Mid	5204	14.0	13.1	0.001	0.001	0.000	0.000	
ANT 6	Head	π/4 DQPSK (HDR8)	PStandalone Mode A	0	Left Tilt	Mid	5204	14.0	13.1	0.001	0.001	0.000	0.000	
ANT 6	Head	π/4 DQPSK (HDR8)	PStandalone Mode A	0	Right Cheek	Mid	5204	14.0	13.1	0.001	0.001	0.000	0.000	
ANT 6	Head	π/4 DQPSK (HDR8)	PStandalone Mode A	0	Right Tilt	Mid	5204	14.0	13.1	0.000	0.000	0.000	0.000	
ANT 6	Body & Hotspot	π/4 DQPSK (HDR8)	PStandalone Mode B	5	Back	Mid	5204	14.0	13.1	0.432	**0.527**	0.106	0.129	109
ANT 6	Body & Hotspot	π/4 DQPSK (HDR8)	PStandalone Mode B	5	Front	Mid	5204	14.0	13.1	0.000	0.000	0.000	0.000	
ANT 6	Hotspot	π/4 DQPSK (HDR8)	PStandalone Mode B	5	Edge Top	Mid	5204	14.0	13.1	0.040	0.049	0.010	0.012	
ANT 6	Hotspot	π/4 DQPSK (HDR8)	PStandalone Mode B	5	Edge Left	Mid	5204	14.0	13.1	0.025	0.030	0.008	0.010	
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**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	Body & Hotspot	GFSK (BDR)	PHigh Mode B	5	Back	Mid	5204	11.5	10.5	0.284	0.358	0.067	0.084	
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**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	Body & Hotspot	π/4 DQPSK (HDR4)	PMid Mode B	5	Back	Mid	5204	9.5	8.7	0.235	0.283	0.055	0.066	
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**Channel**	**Freq. (MHz)**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 5	Body & Hotspot	π/4 DQPSK (HDR4)	PLow Mode B	5	Back	Mid	5204	11.0	11.0	0.098	0.098	0.024	0.024	
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**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	Body & Hotspot	GFSK (BDR)	PLow Mode B	5	Back	Mid	5204	6.0	4.6	0.072	0.099	0.015	0.021	

Notes:

ANT5 Power Mode A for $P_{high,}$ P_{mid}, P_{low} is all leverageable from $P_{Standalone}$ due to low SAR values.
ANT5 Power Mode B for $P_{high,}$ P_{mid} is all leverageable from $P_{Standalone}$ due to low SAR values.
ANT6 Power Mode A for $P_{high,}$ P_{mid}, P_{low} is the same as $P_{Standalone}$

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Antenna(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	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	Mid	5789	14.5	13.9	0.006	0.007	0.000	0.000	
ANT 5	Head	GFSK (BDR)	PStandalone Mode A	0	Left Tilt	Mid	5789	14.5	13.9	0.012	0.014	0.005	0.006	
ANT 5	Head	GFSK (BDR)	PStandalone Mode A	0	Right Cheek	Mid	5789	14.5	13.9	0.012	0.014	0.001	0.001	
ANT 5	Head	GFSK (BDR)	PStandalone Mode A	0	Right Tilt	Mid	5789	14.5	13.9	0.008	0.009	0.002	0.002	
ANT 5	Body & Hotspot	GFSK (BDR)	PStandalone Mode B	5	Back	Mid	5789	14.5	13.9	0.187	0.215	0.056	0.064	
ANT 5	Body & Hotspot	GFSK (BDR)	PStandalone Mode B	5	Front	Mid	5789	14.5	13.9	0.040	0.046	0.014	0.016	
ANT 5	Hotspot	GFSK (BDR)	PStandalone Mode B	5	Edge Bottom	Mid	5789	14.5	13.9	0.110	0.126	0.034	0.039	
ANT 5	Hotspot	GFSK (BDR)	PStandalone Mode B	5	Edge Left	Mid	5789	14.5	13.9	0.079	0.091	0.027	0.031	
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**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	Mid	5789	14.5	13.1	0.018	0.025	0.006	0.008	
ANT 6	Head	GFSK (BDR)	PStandalone Mode A	0	Left Tilt	Mid	5789	14.5	13.1	0.021	**0.029**	0.005	0.007	110
ANT 6	Head	GFSK (BDR)	PStandalone Mode A	0	Right Cheek	Mid	5789	14.5	13.1	0.003	0.004	0.000	0.000	
ANT 6	Head	GFSK (BDR)	PStandalone Mode A	0	Right Tilt	Mid	5789	14.5	13.1	0.016	0.022	0.003	0.004	
ANT 6	Body & Hotspot	GFSK (BDR)	PStandalone Mode B	5	Back	Low	5733	14.5	13.0	0.518	0.725	0.116	0.162	
ANT 6	Body & Hotspot	GFSK (BDR)	PStandalone Mode B	5	Back	Mid	5789	14.5	13.1	0.638	**0.879**	0.169	0.233	111
ANT 6	Body & Hotspot	GFSK (BDR)	PStandalone Mode B	5	Back	High	5844	14.5	12.8	0.569	0.840	0.128	0.189	
ANT 6	Body & Hotspot	GFSK (BDR)	PStandalone Mode B	5	Front	Mid	5789	14.5	13.1	0.003	0.004	0.000	0.000	
ANT 6	Hotspot	GFSK (BDR)	PStandalone Mode B	5	Edge Top	Mid	5789	14.5	13.1	0.006	0.008	0.003	0.004	
ANT 6	Hotspot	GFSK (BDR)	PStandalone Mode B	5	Edge Left	Mid	5789	14.5	13.1	0.074	0.102	0.024	0.033	
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**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	Body & Hotspot	GFSK (BDR)	PHigh Mode B	5	Back	Mid	5789	11.5	10.5	0.292	0.368	0.069	0.087	
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**Channel**	**Freq. (MHz)**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 5	Body & Hotspot	GFSK (BDR)	PMid Mode B	5	Back	Mid	5788	12.0	10.9	0.155	0.199	0.049	0.063	
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**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	Body & Hotspot	GFSK (BDR)	PMid Mode B	5	Back	Mid	5788	8.5	8.2	0.189	0.201	0.049	0.052	
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**Channel**	**Freq. (MHz)**	**Max Output Pwr (dBm)**	**Meas. (dBm)**	**1-g Meas. (W/kg)**	**1-g Scaled (W/kg)**	**10-g Meas. (W/kg)**	**10-g Scaled (W/kg)**	**Plot No.**
ANT 5	Body & Hotspot	GFSK (BDR)	PLow Mode B	5	Back	Mid	5789	8.5	7.5	0.073	0.091	0.021	0.026	
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**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	Body & Hotspot	GFSK (BDR)	PLow Mode B	5	Back	Mid	5789	5.0	4.8	0.081	0.084	0.020	0.021	

Notes:

ANT5 Power Mode A for $P_{high,}$ P_{mid}, P_{low} is all leverageable from $P_{Standalone}$ due to low SAR values.
ANT5 Power Mode B for P_{high} is the same as $P_{Standalone}$
ANT6 Power Mode A for $P_{high,}$ P_{mid}, P_{low} is the same as $P_{Standalone}$

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Antenna(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	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	Extremity	1-PRB SC-FDMA	Mode B	0	Back	262391	1617.6	24.5	22.8	1.940	2.869	0.909	1.345	
ANT 1	Extremity	1-PRB SC-FDMA	Mode B	0	Front	262391	1617.6	24.5	22.8	1.250	1.849	0.629	0.930	
ANT 1	Extremity	1-PRB SC-FDMA	Mode B	0	Edge Right	262391	1617.6	24.5	22.8	3.110	4.600	1.160	1.716	
ANT 1	Extremity	1-PRB SC-FDMA	Mode B	0	Edge Bottom	262391	1617.6	24.5	22.8	0.839	1.241	0.343	0.507	
ANT 1	Extremity	1-PRB SC-FDMA	Mode B	0	Edge Left	262391	1617.6	24.5	22.8	0.245	0.362	0.099	0.146	
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**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	Extremity	1-PRB SC-FDMA	Mode B	0	Back	262391	1617.6	24.5	23.5	1.760	2.216	0.869	1.094	
ANT 4	Extremity	1-PRB SC-FDMA	Mode B	0	Front	262391	1617.6	24.5	23.5	3.120	3.928	1.420	**1.788**	104
ANT 4	Extremity	1-PRB SC-FDMA	Mode B	0	Edge Top	262391	1617.6	24.5	23.5	0.920	1.158	0.300	0.378	
ANT 4	Extremity	1-PRB SC-FDMA	Mode B	0	Edge Right	262391	1617.6	24.5	23.5	1.810	2.279	0.647	0.815	

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Antenna(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	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	PStandalone Mode A	0	Left Cheek	Low	2405	60.00%	20.5	19.5	0.137	0.103	0.080	0.060	
ANT 3	Head	O-QPSK	PStandalone Mode A	0	Left Tilt	Low	2405	60.00%	20.5	19.5	0.055	0.041	0.031	0.023	
ANT 3	Head	O-QPSK	PStandalone Mode A	0	Right Cheek	Low	2405	60.00%	20.5	19.5	0.073	0.055	0.043	0.032	
ANT 3	Head	O-QPSK	PStandalone Mode A	0	Right Tilt	Low	2405	60.00%	20.5	19.5	0.077	0.058	0.042	0.032	
ANT 3	Body & Hotspot	O-QPSK	PStandalone Mode B	5	Back	Mid	2440	60.00%	20.5	19.3	0.752	0.600	0.371	0.296	
ANT 3	Body & Hotspot	O-QPSK	PStandalone Mode B	5	Front	Mid	2440	60.00%	20.5	19.3	0.816	**0.651**	0.390	0.311	112
ANT 3	Hotspot	O-QPSK	PStandalone Mode B	5	Edge Bottom	Mid	2440	60.00%	20.5	19.3	0.355	0.283	0.159	0.127	
ANT 3	Hotspot	O-QPSK	PStandalone Mode B	5	Edge Left	Mid	2440	60.00%	20.5	19.3	0.931	**0.743**	0.434	0.346	113
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**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	PStandalone Mode A	0	Left Cheek	Mid	2440	60.00%	20.5	19.2	0.763	**0.615**	0.328	0.264	114
ANT 4	Head	O-QPSK	PStandalone Mode A	0	Left Tilt	Mid	2440	60.00%	20.5	19.2	0.350	0.282	0.158	0.127	
ANT 4	Head	O-QPSK	PStandalone Mode A	0	Right Cheek	Mid	2440	60.00%	20.5	19.2	0.178	0.143	0.100	0.081	
ANT 4	Head	O-QPSK	PStandalone Mode A	0	Right Tilt	Mid	2440	60.00%	20.5	19.2	0.107	0.086	0.054	0.044	
ANT 4	Body & Hotspot	O-QPSK	PStandalone Mode B	5	Back	Mid	2440	60.00%	20.5	19.2	0.635	0.512	0.328	0.264	
ANT 4	Body & Hotspot	O-QPSK	PStandalone Mode B	5	Front	Mid	2440	60.00%	20.5	19.2	0.411	0.331	0.192	0.155	
ANT 4	Hotspot	O-QPSK	PStandalone Mode B	5	Edge Top	Mid	2440	60.00%	20.5	19.2	0.241	0.194	0.094	0.076	
ANT 4	Hotspot	O-QPSK	PStandalone Mode B	5	Edge Right	Mid	2440	60.00%	20.5	19.2	0.676	0.545	0.295	0.238	
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**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	PHigh Mode A	0	Left Cheek	Low	2405	60.00%	19.0	18.1	0.100	0.074	0.058	0.043	
ANT 3	Body & Hotspot	O-QPSK	PHigh Mode B	5	Front	Low	2405	60.00%	18.0	17.0	0.324	0.245	0.159	0.120	
ANT 3	Hotspot	O-QPSK	PHigh Mode B	5	Edge Left	Low	2405	60.00%	18.0	17.0	0.392	0.296	0.185	0.140	
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**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	PHigh Mode A	0	Left Cheek	Mid	2440	60.00%	16.5	15.4	0.318	0.245	0.137	0.105	
ANT 4	Body & Hotspot	O-QPSK	PHigh Mode B	5	Back	Mid	2440	60.00%	17.5	16.7	0.345	0.249	0.180	0.130	
ANT 4	Hotspot	O-QPSK	PHigh Mode B	5	Edge Right	Mid	2440	60.00%	17.5	16.7	0.479	0.346	0.210	0.152	
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**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	PMid Mode A	0	Left Cheek	Mid	2440	60.00%	16.5	15.3	0.072	0.056	0.040	0.031	
ANT 3	Body & Hotspot	O-QPSK	PMid Mode B	5	Front	Low	2405	60.00%	15.5	15.0	0.055	0.037	0.025	0.017	
ANT 3	Hotspot	O-QPSK	PMid Mode B	5	Edge Left	Low	2405	60.00%	15.5	15.0	0.069	0.046	0.032	0.022	
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**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	PMid Mode A	0	Left Cheek	Mid	2440	60.00%	14.5	13.9	0.098	0.067	0.041	0.028	
ANT 4	Body & Hotspot	O-QPSK	PMid Mode B	5	Back	Mid	2440	60.00%	15.0	13.9	0.211	0.162	0.107	0.082	
ANT 4	Hotspot	O-QPSK	PMid Mode B	5	Edge Right	Mid	2440	60.00%	15.0	13.9	0.083	0.064	0.036	0.028	
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**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	PLow Mode A	0	Left Cheek	Low	2405	60.00%	14.0	14.0	0.064	0.038	0.037	0.022	
ANT 3	Body & Hotspot	O-QPSK	PLow Mode B	5	Front	Mid	2440	60.00%	11.5	9.5	0.070	0.067	0.033	0.031	
ANT 3	Hotspot	O-QPSK	PLow Mode B	5	Edge Left	Mid	2440	60.00%	11.5	9.5	0.085	0.081	0.039	0.037	
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**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	PLow Mode A	0	Left Cheek	Mid	2440	60.00%	10.5	9.6	0.006	0.004	0.003	0.002	
ANT 4	Body & Hotspot	O-QPSK	PLow Mode B	5	Back	Mid	2440	60.00%	11.0	9.6	0.041	0.034	0.020	0.017	
ANT 4	Hotspot	O-QPSK	PLow Mode B	5	Edge Right	Mid	2440	60.00%	11.0	9.6	0.077	0.064	0.033	0.027	

Notes:

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

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Antenna(s)	RF Exposure Condition	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	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	PStandalone Mode A	5	Left Cheek	18	5786.25	19.00	18.57	0.000	0.000	0.000	0.000	
ANT 5	Head	O-QPSK	PStandalone Mode A	5	Left Tilt	18	5786.25	19.00	18.57	0.000	0.000	0.000	0.000	
ANT 5	Head	O-QPSK	PStandalone Mode A	5	Right Cheek	18	5786.25	19.00	18.57	0.000	0.000	0.000	0.000	
ANT 5	Head	O-QPSK	PStandalone Mode A	5	Right Tilt	18	5786.25	19.00	18.57	0.000	0.000	0.000	0.000	
ANT 5	Body & Hotspot	O-QPSK	PStandalone Mode B	5	Back	30	5846.25	17.25	16.75	0.087	**0.098**	0.027	0.030	115
ANT 5	Body & Hotspot	O-QPSK	PStandalone Mode B	5	Front	30	5846.25	17.25	16.75	0.005	0.006	0.002	0.002	
ANT 5	Hotspot	O-QPSK	PStandalone Mode B	5	Edge Bottom	30	5846.25	17.25	16.75	0.015	0.017	0.003	0.003	
ANT 5	Hotspot	O-QPSK	PStandalone Mode B	5	Edge Left	30	5846.25	17.25	16.75	0.029	0.033	0.011	0.012	
Antenna(s)	**RF Exposure Condition**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Test Position(s)**	**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	PStandalone Mode A	0	Left Cheek	18	5786.25	19.00	17.72	0.004	0.005	0.000	0.000	
ANT 6	Head	O-QPSK	PStandalone Mode A	0	Left Tilt	18	5786.25	19.00	17.72	0.008	**0.011**	0.000	0.000	116
ANT 6	Head	O-QPSK	PStandalone Mode A	0	Right Cheek	18	5786.25	19.00	17.72	0.002	0.003	0.000	0.000	
ANT 6	Head	O-QPSK	PStandalone Mode A	0	Right Tilt	18	5786.25	19.00	17.72	0.000	0.000	0.000	0.000	
ANT 6	Body & Hotspot	O-QPSK	PStandalone Mode B	5	Back	18	5786.25	13.50	12.79	0.072	0.085	0.014	0.016	
ANT 6	Body & Hotspot	O-QPSK	PStandalone Mode B	5	Front	18	5786.25	13.50	12.79	0.000	0.000	0.000	0.000	
ANT 6	Body & Hotspot	O-QPSK	PStandalone Mode B	5	Edge Top	18	5786.25	13.50	12.79	0.000	0.000	0.000	0.000	
ANT 6	Body & Hotspot	O-QPSK	PStandalone Mode B	5	Edge Left	18	5786.25	13.50	12.79	0.000	0.000	0.000	0.000	

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Antenna(s)	RF Exposure Conditions	Mode(s)	Dist. (mm)	Test Position	Freq. (MHz)	1-g Meas. (W/kg)	10-g Meas. (W/kg)	Plot No.
Primary	Extremity	Type A	0	Back	13.56	0.011	0.005	
Primary	Extremity	Type A	0	Front	13.56	0.018	0.008	
Primary	Extremity	Type A	0	Edge Top	13.56	0.029	**0.010**	117
Primary	Extremity	Type A	0	Edge Left	13.56	0.001	0.000	
Antenna(s)	**RF Exposure Conditions**	**Mode(s)**	**Dist. (mm)**	**Test Position**	**Freq. (MHz)**	**1-g Meas. (W/kg)**	**10-g Meas. (W/kg)**	**Plot No.**
Secondary	Extremity	Type A	0	Back	13.56	0.001	0.000	
Secondary	Extremity	Type A	0	Front	13.56	0.000	0.000	
Secondary	Extremity	Type A	0	Edge Right	13.56	0.000	0.000	
Secondary	Extremity	Type A	0	Edge Left	13.56	0.000	0.000	

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.

1-g Repeated Measurements

Frequency Band (MHz)	Air Interface	Antenna	Power Mode(s)	RF Exposure Conditions	Test Position	Repeated SAR (Yes/No)	Highest Measured SAR (W/kg)	First Repeated	
								Measured SAR (W/kg)	Largest to Smallest SAR Ratio
1700	W-CDMA Band 4	ANT 4	Mode A	Head	Left Cheek	Yes	0.891	0.752	1.18
2300	LTE Band 30	ANT 2	Mode B	Body & Hotspot	Back	Yes	0.839	0.700	1.20
2450	Wi-Fi 2.4	ANT 4	Mode A	Head	Left Cheek	Yes	0.949	0.954	1.01
2500	FR1 n7	ANT 4	Mode B	Body & Hotspot	Back	Yes	0.876	0.847	1.03
2600	LTE Band 41	ANT 1	Mode B	Hotspot	Edge Right	Yes	0.820	0.744	1.10
3600	LTE Band 48	ANT 4	Mode A	Head	Left Cheek	Yes	0.979	0.956	1.02
5200	Wi-Fi U-NII 1	ANT 6	Mode B	Body & Hotspot	Back	Yes	0.971	0.959	1.01
5500	Wi-Fi U-NII 2C	ANT 5	Mode B	Body & Hotspot	Back	Yes	0.853	0.879	1.03
5800	Wi-Fi U-NII 3	ANT 6	Mode B	Body & Hotspot	Back	Yes	1.010	0.918	1.10

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.

10-g Repeated Measurements

Note(s):
Repeated measurement is not required since the original highest measured SAR is <0.8 W/kg (1-g) or 2 W/kg (10-g) .

12. Simultaneous Transmission Conditions

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

Sum of SAR

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

SAR to Peak Location Ratio (SPLSR)

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

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

Where:

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/6G	+	Bluetooth (P_{High})									4
		+	Wi-Fi 5 GHz/6G	+	Bluetooth (P_{Mid})									5
		+	Wi-Fi 5 GHz/6G					+	802.15.4 (P_{High})					6
		+	Wi-Fi 5 GHz/6G					+	802.15.4 (P_{Mid})					7
		+	Wi-Fi 5 GHz/6G								+	802.15.4 ab NB		8
		+	Wi-Fi 5 GHz/6G	+	Bluetooth (P_{High})						+	802.15.4 ab NB		9
		+	Wi-Fi 5 GHz/6G	+	Bluetooth (P_{Mid})						+	802.15.4 ab NB		10
		+	Wi-Fi 5 GHz/6G					+	802.15.4 (P_{High})	+	802.15.4 ab NB			11
		+	Wi-Fi 5 GHz/6G					+	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/6G											22
		+	Wi-Fi 5 GHz/6G	+	Bluetooth (P_{low})									23
		+	Wi-Fi 5 GHz/6G					+	802.15.4 (P_{Low})					24
		+	Wi-Fi 5 GHz/6G							+	802.15.4 ab NB			25
		+	Wi-Fi 5 GHz/6G	+	Bluetooth (P_{low})					+	802.15.4 ab NB			26
		+	Wi-Fi 5 GHz/6G					+	802.15.4 (P_{Low})	+	802.15.4 ab NB			27

Note(s):

1. Wi-Fi 2.4 GHz & Bluetooth cannot transmit simultaneously.
2. Wi-Fi 2.4 GHz & Wi-Fi 5 GHz cannot transmit simultaneously.
3. NB UNII can only transmit simultaneously with Wi-Fi 2.4 GHz.
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 2.4 GHz, Wi-Fi 5 GHz, Wi-Fi 6 GHz support MIMO transmission.
7. Wi-Fi 2.4/5/6 GHz Power State 1: 802.15.4ab-NB $_{OFF}$ | P_{Mid} | CELL $_{OFF}$
8. Wi-Fi 2.4/5/6 GHz Power State 2: 802.15.4ab-NB $_{ON}$ | P_{Mid} | CELL $_{OFF}$
9. Wi-Fi 2.4/5/6 GHz Power State 3: 802.15.4ab-NB $_{OFF}$ | P_{high} | CELL $_{OFF}$
10. Wi-Fi 2.4/5/6 GHz Power State 4: 802.15.4ab-NB $_{OFF}$ | P_{low} | CELL $_{ON}$
11. Wi-Fi 2.4/5/6 GHz Power State 5: 802.15.4ab-NB $_{ON}$ | P_{high} | CELL $_{OFF}$
12. Wi-Fi 2.4/5/6 GHz 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.
20. MSS can transmit simultaneously in the same way as cellular.

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	0.294	1.129	0.008	0.025	0.302	0.319	1.137	1.154
	Left Tilt	0.294	0.491	0.014	0.029	0.308	0.323	0.505	0.520
	Right Cheek	0.294	0.491	0.014	0.004	0.308	0.298	0.505	0.495
	Right Tilt	0.294	0.491	0.009	0.022	0.303	0.316	0.500	0.513
Body-worn & Hotspot	Back	0.833	1.004	0.199	0.283	1.032	1.116	1.203	1.287
	Front	0.908	0.677	0.199	0.283	1.106	1.190	0.875	0.959
Hotspot	Edge Top				0.283	0.000	0.283	0.000	0.283
	Edge Right		1.101			0.000	0.000	1.101	1.101
	Edge Bottom	0.445		0.199		0.644	0.445	0.199	0.000
	Edge Left	1.072		0.199	0.283	1.271	1.355	0.199	0.283

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	0.058	0.182	0.045	0.158	0.056	0.067	0.103	0.216	0.227	0.340	0.114	0.125	0.238	0.249
	Left Tilt	0.058	0.182	0.045	0.158	0.056	0.067	0.103	0.216	0.227	0.340	0.114	0.125	0.238	0.249
	Right Cheek	0.058	0.182	0.045	0.158	0.056	0.067	0.103	0.216	0.227	0.340	0.114	0.125	0.238	0.249
	Right Tilt	0.058	0.182	0.045	0.158	0.056	0.067	0.103	0.216	0.227	0.340	0.114	0.125	0.238	0.249
Body-worn & Hotspot	Back	1.125	1.157	0.156	0.198	0.037	0.162	1.280	1.323	1.313	1.355	1.162	1.287	1.194	1.319
	Front	0.511	0.009	0.156	0.187	0.037	0.064	0.667	0.698	0.165	0.197	0.548	0.575	0.046	0.073
Hotspot	Edge Top		0.075		0.187		0.064	0.000	0.187	0.075	0.262	0.000	0.064	0.075	0.139
	Edge Right				0.187		0.064	0.000	0.187	0.000	0.187	0.000	0.064	0.000	0.064
	Edge Bottom	0.488		0.156		0.037		0.644	0.488	0.156	0.000	0.525	0.488	0.037	0.000
	Edge Left	0.719	0.145	0.170		0.046		0.888	0.719	0.315	0.145	0.765	0.719	0.192	0.145

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	0.294	1.129		0.005	0.294	0.300	1.129	1.134
	Left Tilt	0.294	0.491		0.011	0.294	0.305	0.491	0.502
	Right Cheek	0.294	0.491		0.003	0.294	0.297	0.491	0.494
	Right Tilt	0.294	0.491		0.000	0.294	0.294	0.491	0.491
Body-worn & Hotspot	Back	0.833	1.004	0.098	0.085	0.931	0.918	1.102	1.089
	Front	0.908	0.677	0.006	0.000	0.913	0.908	0.682	0.677
Hotspot	Edge Top				0.000	0.000	0.000	0.000	0.000
	Edge Right		1.101			0.000	0.000	1.101	1.101
	Edge Bottom	0.445		0.017		0.462	0.445	0.017	0.000
	Edge Left	1.072		0.033	0.000	1.105	1.072	0.033	0.000

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	0.058	0.182	0.045	0.158		0.005	0.103	0.109	0.216	0.221	0.227	0.233	0.340	0.345
	Left Tilt	0.058	0.182	0.045	0.158		0.011	0.103	0.114	0.216	0.226	0.227	0.238	0.340	0.350
	Right Cheek	0.058	0.182	0.045	0.158		0.003	0.103	0.106	0.216	0.218	0.227	0.230	0.340	0.342
	Right Tilt	0.058	0.182	0.045	0.158		0.000	0.103	0.103	0.216	0.216	0.227	0.227	0.340	0.340
Body-worn & Hotspot	Back	1.125	1.157	0.156	0.198	0.098	0.085	1.378	1.365	1.421	1.408	1.410	1.398	1.453	1.440
	Front	0.511	0.009	0.156	0.187	0.006	0.000	0.672	0.667	0.704	0.699	0.171	0.165	0.202	0.197
Hotspot	Edge Top		0.075		0.187		0.000	0.000	0.000	0.187	0.187	0.075	0.075	0.262	0.262
	Edge Right				0.187			0.000	0.000	0.187	0.187	0.000	0.000	0.187	0.187
	Edge Bottom	0.488		0.156		0.017		0.661	0.644	0.505	0.488	0.173	0.156	0.017	0.000
	Edge Left	0.719	0.145	0.170		0.033	0.000	0.921	0.888	0.751	0.719	0.348	0.315	0.178	0.146

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	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	802.15.4 (P_{Mid}) ANT3	802.15.4 (P_{Mid}) ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6								
Head	Left Cheek	0.058	0.182	0.008	0.025		0.005	0.066	0.071	0.083	0.088	0.189	0.195	0.207	0.212
	Left Tilt	0.058	0.182	0.014	0.029		0.011	0.072	0.082	0.087	0.097	0.196	0.206	0.211	0.221
	Right Cheek	0.058	0.182	0.014	0.004		0.003	0.072	0.074	0.062	0.065	0.196	0.198	0.186	0.189
	Right Tilt	0.058	0.182	0.009	0.022		0.000	0.067	0.067	0.080	0.080	0.191	0.191	0.204	0.204
Body-worn & Hotspot	Back	1.125	1.157	0.199	0.283	0.098	0.085	1.421	1.408	1.505	1.492	1.453	1.441	1.537	1.524
	Front	0.511	0.009	0.199	0.283	0.006	0.000	0.715	0.710	0.799	0.794	0.214	0.208	0.298	0.292
Hotspot	Edge Top		0.075		0.283		0.000	0.000	0.000	0.283	0.283	0.075	0.075	0.358	0.358
	Edge Right							0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Edge Bottom	0.488		0.199		0.017		0.704	0.687	0.505	0.488	0.216	0.199	0.017	0.000
	Edge Left	0.719	0.145	0.199	0.283	0.033	0.000	0.950	0.917	1.034	1.001	0.377	0.344	0.461	0.428

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	1+3	1+4	2+3	2+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				
Head	Left Cheek	0.294	1.129	0.008	0.025	0.302	0.319	1.137	1.154
	Left Tilt	0.294	0.491	0.014	0.029	0.308	0.323	0.505	0.520
	Right Cheek	0.294	0.491	0.014	0.004	0.308	0.298	0.505	0.495
	Right Tilt	0.294	0.491	0.009	0.022	0.303	0.316	0.500	0.513
Body-worn & Hotspot	Back	0.833	1.004	0.215	0.368	1.048	1.201	1.219	1.372
	Front	0.908	0.677	0.059	0.368	0.967	1.276	0.735	1.045
Hotspot	Edge Top				0.368	0.000	0.368	0.000	0.368
	Edge Right		1.101			0.000	0.000	1.101	1.101
	Edge Bottom	0.445		0.126		0.571	0.445	0.126	0.000
	Edge Left	1.072		0.126	0.368	1.199	1.440	0.126	0.368

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	1+3	1+4	2+3	2+4	1+5	1+6	2+5	2+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								
Head	Left Cheek	0.058	0.182	0.074	0.306	0.074	0.245	0.131	0.363	0.255	0.487	0.132	0.302	0.256	0.426
	Left Tilt	0.058	0.182	0.074	0.306	0.074	0.245	0.131	0.363	0.255	0.487	0.132	0.302	0.256	0.426
	Right Cheek	0.058	0.182	0.074	0.306	0.074	0.245	0.131	0.363	0.255	0.487	0.132	0.302	0.256	0.426
	Right Tilt	0.058	0.182	0.074	0.306	0.074	0.245	0.131	0.363	0.255	0.487	0.132	0.302	0.256	0.426
Body-worn & Hotspot	Back	1.125	1.157	0.197	0.297	0.245	0.249	1.322	1.421	1.354	1.454	1.369	1.374	1.402	1.407
	Front	0.511	0.009	0.197	0.297	0.245	0.249	0.708	0.808	0.207	0.306	0.756	0.761	0.254	0.259
Hotspot	Edge Top		0.075		0.297		0.249	0.000	0.297	0.075	0.372	0.000	0.249	0.075	0.324
	Edge Right				0.345		0.346	0.000	0.345	0.000	0.345	0.000	0.346	0.000	0.346
	Edge Bottom	0.488		0.197		0.245		0.685	0.488	0.197	0.000	0.733	0.488	0.245	0.000
	Edge Left	0.719	0.145	0.250		0.296		0.969	0.719	0.396	0.145	1.015	0.719	0.442	0.145

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	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 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								
Head	Left Cheek	0.052	0.182	0.074	0.306		0.005	0.125	0.130	0.357	0.363	0.255	0.261	0.487	0.493
	Left Tilt	0.052	0.182	0.074	0.306		0.011	0.125	0.136	0.357	0.368	0.255	0.266	0.487	0.498
	Right Cheek	0.052	0.182	0.074	0.306		0.003	0.125	0.128	0.357	0.360	0.255	0.258	0.487	0.490
	Right Tilt	0.052	0.182	0.074	0.306		0.000	0.125	0.125	0.357	0.357	0.255	0.255	0.487	0.487
Body-worn & Hotspot	Back	1.002	1.031	0.197	0.297	0.098	0.085	1.297	1.284	1.397	1.384	1.326	1.313	1.426	1.413
	Front	0.511	0.008	0.197	0.297	0.006	0.000	0.714	0.708	0.814	0.808	0.211	0.206	0.311	0.305
Hotspot	Edge Top		0.067		0.297		0.000	0.000	0.000	0.297	0.297	0.067	0.067	0.364	0.364
	Edge Right				0.345			0.000	0.000	0.345	0.345	0.000	0.000	0.345	0.345
	Edge Bottom	0.435		0.197		0.017		0.649	0.632	0.452	0.435	0.214	0.197	0.017	0.000
	Edge Left	0.640	0.130	0.250		0.033	0.000	0.923	0.891	0.673	0.640	0.413	0.380	0.162	0.130

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	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 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								
Head	Left Cheek	0.052	0.182	0.074	0.245		0.005	0.125	0.131	0.296	0.302	0.256	0.261	0.426	0.432
	Left Tilt	0.052	0.182	0.074	0.245		0.011	0.125	0.136	0.296	0.307	0.256	0.266	0.426	0.437
	Right Cheek	0.052	0.182	0.074	0.245		0.003	0.125	0.128	0.296	0.299	0.256	0.258	0.426	0.429
	Right Tilt	0.052	0.182	0.074	0.245		0.000	0.125	0.126	0.296	0.296	0.256	0.256	0.426	0.426
Body-worn & Hotspot	Back	1.002	1.031	0.245	0.249	0.098	0.085	1.345	1.332	1.349	1.337	1.374	1.361	1.378	1.365
	Front	0.511	0.008	0.245	0.249	0.006	0.000	0.761	0.756	0.766	0.761	0.259	0.253	0.263	0.258
Hotspot	Edge Top		0.067		0.249		0.000	0.000	0.000	0.249	0.250	0.067	0.067	0.316	0.316
	Edge Right				0.346			0.000	0.000	0.346	0.346	0.000	0.000	0.346	0.346
	Edge Bottom	0.435		0.245		0.017		0.697	0.680	0.452	0.435	0.262	0.245	0.017	0.000
	Edge Left	0.640	0.130	0.296		0.033	0.000	0.969	0.937	0.673	0.640	0.458	0.426	0.162	0.130

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 Worst case	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	0.601	0.074	0.306	0.008	0.025	0.074	0.245	0.674	0.906	0.608	0.625	0.674	0.845
	Left Tilt	0.687	0.074	0.306	0.014	0.029	0.074	0.245	0.760	0.992	0.700	0.716	0.761	0.931
	Right Cheek	0.878	0.074	0.306	0.014	0.004	0.074	0.245	0.952	1.184	0.892	0.882	0.952	1.123
	Right Tilt	0.672	0.074	0.306	0.009	0.022	0.074	0.245	0.745	0.977	0.681	0.694	0.746	0.916
Body-worn & Hotspot	Back	0.933	0.197	0.297	0.215	0.368	0.245	0.249	1.131	1.230	1.148	1.301	1.178	1.183
	Front	0.575	0.197	0.297	0.059	0.368	0.245	0.249	0.772	0.871	0.633	0.943	0.819	0.824
Hotspot	Edge Top	0.809		0.297		0.368		0.249	0.809	1.106	0.809	1.177	0.809	1.059
	Edge Right	0.888		0.345				0.346	0.888	1.232	0.888	0.888	0.888	1.234
	Edge Bottom	0.256	0.197		0.126		0.245		0.454	0.256	0.383	0.256	0.501	0.256
	Edge Left	0.762	0.250		0.126	0.368	0.296		1.012	0.762	0.888	1.130	1.058	0.762

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 Worst case	BT (P_{High}) ANT3	BT (P_{High}) ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6				
Head	Left Cheek	0.601	0.074	0.306		0.005	0.674	0.679	0.906	0.912
	Left Tilt	0.687	0.074	0.306		0.011	0.760	0.771	0.992	1.003
	Right Cheek	0.878	0.074	0.306		0.003	0.952	0.954	1.184	1.187
	Right Tilt	0.672	0.074	0.306		0.000	0.745	0.745	0.977	0.978
Body-worn & Hotspot	Back	0.933	0.197	0.297	0.098	0.085	1.228	1.216	1.328	1.315
	Front	0.575	0.197	0.297	0.006	0.000	0.778	0.772	0.877	0.872
Hotspot	Edge Top	0.809		0.297		0.000	0.809	0.809	1.106	1.106
	Edge Right	0.888		0.345			0.888	0.888	1.232	1.232
	Edge Bottom	0.256	0.197		0.017		0.470	0.454	0.273	0.256
	Edge Left	0.762	0.250		0.033	0.000	1.045	1.012	0.794	0.762

12.12. WWAN(TNE) 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 Worst case	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	0.601	0.074	0.245		0.005	0.674	0.680	0.674	0.680
	Left Tilt	0.687	0.074	0.245		0.011	0.761	0.771	0.761	0.771
	Right Cheek	0.878	0.074	0.245		0.003	0.952	0.955	0.952	0.955
	Right Tilt	0.672	0.074	0.245		0.000	0.746	0.746	0.746	0.746
Body-worn & Hotspot	Back	0.933	0.245	0.249	0.098	0.085	1.276	1.263	1.276	1.263
	Front	0.575	0.245	0.249	0.006	0.000	0.825	0.819	0.825	0.819
Hotspot	Edge Top	0.809		0.249		0.000	0.809	0.809	0.809	0.809
	Edge Right	0.888		0.346			0.888	0.888	0.888	0.888
	Edge Bottom	0.256	0.245		0.017		0.518	0.501	0.518	0.501
	Edge Left	0.762	0.296		0.033	0.000	1.091	1.058	1.091	1.058

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 Worst case	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	0.601	0.127	0.348	0.008	0.025	0.736	0.753	0.956	0.973
	Left Tilt	0.687	0.127	0.348	0.014	0.029	0.828	0.843	1.048	1.063
	Right Cheek	0.878	0.127	0.348	0.014	0.004	1.019	1.010	**1.240**	1.230
	Right Tilt	0.672	0.127	0.348	0.009	0.022	0.808	0.821	1.029	1.042
Body-worn & Hotspot	Back	0.933	0.367	0.441	0.098	0.099	1.398	1.399	1.473	1.473
	Front	0.575	0.367	0.268	0.098	0.099	1.039	1.040	0.941	0.942
Hotspot	Edge Top	0.809				0.099	0.809	0.908	0.809	0.908
	Edge Right	0.888		0.469			0.888	0.888	1.356	1.356
	Edge Bottom	0.256			0.098		0.354	0.256	0.354	0.256
	Edge Left	0.762	0.414		0.098	0.099	1.274	1.275	0.860	0.861

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 Worst case	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	0.601	0.010		0.020	0.089	0.038	0.004	0.630	0.699	0.620	0.689	0.648	0.614	0.639	0.605
	Left Tilt	0.687	0.010		0.020	0.089	0.038	0.004	0.716	0.785	0.706	0.775	0.735	0.701	0.725	0.691
	Right Cheek	0.878	0.010		0.020	0.089	0.038	0.004	0.907	0.976	0.898	0.967	0.926	0.892	0.917	0.883
	Right Tilt	0.672	0.010		0.020	0.089	0.038	0.004	0.701	0.770	0.691	0.760	0.720	0.686	0.710	0.676
Body-worn & Hotspot	Back	0.933	0.468	0.473	0.067	0.072	0.067	0.034	1.469	1.474	1.474	1.479	1.469	1.436	1.473	1.441
	Front	0.575	0.241	0.004	0.067	0.072	0.067	0.034	0.883	0.887	0.646	0.650	0.882	0.850	0.645	0.613
Hotspot	Edge Top	0.809		0.034		0.072		0.034	0.809	0.881	0.843	0.915	0.809	0.843	0.843	0.877
	Edge Right	0.888				0.074		0.064	0.888	0.962	0.888	0.962	0.888	0.952	0.888	0.952
	Edge Bottom	0.256	0.208		0.067		0.067		0.531	0.464	0.324	0.256	0.531	0.464	0.323	0.256
	Edge Left	0.762	0.274	0.077	0.083		0.081		1.119	1.036	0.922	0.839	1.117	1.036	0.920	0.839

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 Worst case	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	0.601	0.101	0.276		0.005	0.702	0.707	0.877	0.882
	Left Tilt	0.687	0.101	0.276		0.011	0.788	0.799	0.963	0.974
	Right Cheek	0.878	0.101	0.276		0.003	0.979	0.982	1.154	1.157
	Right Tilt	0.672	0.101	0.276		0.000	0.773	0.773	0.948	0.948
Body-worn & Hotspot	Back	0.933	0.291	0.350	0.098	0.085	1.322	1.310	1.381	1.369
	Front	0.575	0.291	0.213	0.006	0.000	0.872	0.866	0.793	0.788
Hotspot	Edge Top	0.809				0.000	0.809	0.809	0.809	0.809
	Edge Right	0.888		0.372			0.888	0.888	1.260	1.260
	Edge Bottom	0.256			0.017		0.273	0.256	0.273	0.256
	Edge Left	0.762	0.329		0.033	0.000	1.124	1.091	0.794	0.762

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 Worst case	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	0.601	0.008		0.020	0.089		0.005	0.628	0.633	0.620	0.625	0.697	0.702	0.689	0.694
	Left Tilt	0.687	0.008		0.020	0.089		0.011	0.714	0.725	0.706	0.717	0.783	0.793	0.775	0.786
	Right Cheek	0.878	0.008		0.020	0.089		0.003	0.905	0.908	0.898	0.900	0.974	0.977	0.967	0.969
	Right Tilt	0.672	0.008		0.020	0.089		0.000	0.699	0.699	0.691	0.691	0.768	0.768	0.760	0.760
Body-worn & Hotspot	Back	0.933	0.397	0.395	0.067	0.072	0.098	0.085	1.496	1.483	1.494	1.481	**1.500**	1.488	1.498	1.485
	Front	0.575	0.191	0.003	0.067	0.072	0.006	0.000	0.839	0.833	0.651	0.645	0.843	0.838	0.655	0.650
Hotspot	Edge Top	0.809				0.072		0.000	0.809	0.809	0.809	0.809	0.881	0.881	0.881	0.881
	Edge Right	0.888				0.074			0.888	0.888	0.888	0.888	0.962	0.962	0.962	0.962
	Edge Bottom	0.256			0.067		0.017		0.340	0.324	0.340	0.324	0.273	0.256	0.273	0.256
	Edge Left	0.762	0.218	0.061	0.083		0.033	0.000	1.095	1.063	0.939	0.906	1.012	0.980	0.856	0.823

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 Worst case	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	0.601	0.008		0.038	0.004		0.005	0.646	0.652	0.639	0.644	0.613	0.618	0.605	0.610
	Left Tilt	0.687	0.008		0.038	0.004		0.011	0.733	0.743	0.725	0.736	0.699	0.709	0.691	0.702
	Right Cheek	0.878	0.008		0.038	0.004		0.003	0.924	0.927	0.917	0.919	0.890	0.893	0.883	0.885
	Right Tilt	0.672	0.008		0.038	0.004		0.000	0.718	0.718	0.710	0.710	0.684	0.684	0.676	0.676
Body-worn & Hotspot	Back	0.933	0.397	0.395	0.067	0.034	0.098	0.085	1.495	1.482	1.493	1.480	1.463	1.450	1.460	1.447
	Front	0.575	0.191	0.003	0.067	0.034	0.006	0.000	0.838	0.833	0.650	0.644	0.806	0.800	0.617	0.612
Hotspot	Edge Top	0.809				0.034		0.000	0.809	0.809	0.809	0.809	0.843	0.844	0.843	0.844
	Edge Right	0.888				0.064			0.888	0.888	0.888	0.888	0.952	0.952	0.952	0.952
	Edge Bottom	0.256			0.067		0.017		0.340	0.323	0.340	0.323	0.273	0.256	0.273	0.256
	Edge Left	0.762	0.218	0.061	0.081		0.033	0.000	1.093	1.061	0.937	0.904	1.012	0.980	0.856	0.823

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						
		WWAN Cell-on Worst case	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	1+2	1+3	1+4	1+5	1+6	1+7
Head	Left Cheek	0.955	0.074	0.306	0.008	0.025	0.074	0.245	1.028	1.260	0.962	0.980	1.029	1.199
	Left Tilt	0.798	0.074	0.306	0.014	0.029	0.074	0.245	0.871	1.103	0.811	0.826	0.872	1.042
	Right Cheek	0.983	0.074	0.306	0.014	0.004	0.074	0.245	1.057	1.289	0.997	0.988	1.057	1.228
	Right Tilt	0.968	0.074	0.306	0.009	0.022	0.074	0.245	1.041	1.273	0.977	0.990	1.042	1.212
Body-worn & Hotspot	Back	0.983	0.197	0.297	0.215	0.368	0.245	0.249	1.180	1.280	1.198	1.351	1.228	1.232
	Front	0.718	0.197	0.297	0.059	0.368	0.245	0.249	0.915	1.014	0.776	1.086	0.962	0.967
Hotspot	Edge Top	0.937		0.297		0.368		0.249	0.937	1.233	0.937	1.305	0.937	1.186
	Edge Right	0.986		0.345				0.346	0.986	1.331	0.986	0.986	0.986	1.332
	Edge Bottom	0.775	0.197		0.126		0.245		0.972	0.775	0.901	0.775	1.020	0.775
	Edge Left	0.970	0.250		0.126	0.368	0.296		1.221	0.970	1.097	1.338	1.267	0.970

12.19. WWAN(PCE) 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				
		WWAN Cell-on Worst case	BT (P_{High}) ANT3	BT (P_{High}) ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6	1+2+4	1+2+5	1+3+4	1+3+5
Head	Left Cheek	0.955	0.074	0.306		0.005	1.028	1.034	1.260	1.266
	Left Tilt	0.798	0.074	0.306		0.011	0.871	0.882	1.103	1.114
	Right Cheek	0.983	0.074	0.306		0.003	1.057	1.060	1.289	**1.292**
	Right Tilt	0.968	0.074	0.306		0.000	1.041	1.041	1.273	1.273
Body-worn & Hotspot	Back	0.983	0.197	0.297	0.098	0.085	1.278	1.265	1.377	1.364
	Front	0.718	0.197	0.297	0.006	0.000	0.920	0.915	1.020	1.014
Hotspot	Edge Top	0.937		0.297		0.000	0.937	0.937	1.233	1.233
	Edge Right	0.986		0.345			0.986	0.986	1.331	1.331
	Edge Bottom	0.775	0.197		0.017		0.989	0.972	0.792	0.775
	Edge Left	0.970	0.250		0.033	0.000	1.253	1.221	1.003	0.971

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				
		WWAN Cell-on Worst case	802.15.4 (P_{High}) ANT3	802.15.4 (P_{High}) ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6	1+2+4	1+2+5	1+3+4	1+3+5
Head	Left Cheek	0.955	0.074	0.245		0.005	1.029	1.034	1.029	1.034
	Left Tilt	0.798	0.074	0.245		0.011	0.872	0.882	0.872	0.882
	Right Cheek	0.983	0.074	0.245		0.003	1.057	1.060	1.057	1.060
	Right Tilt	0.968	0.074	0.245		0.000	1.042	1.042	1.042	1.042
Body-worn & Hotspot	Back	0.983	0.245	0.249	0.098	0.085	1.325	1.312	1.325	1.312
	Front	0.718	0.245	0.249	0.006	0.000	0.968	0.962	0.968	0.962
Hotspot	Edge Top	0.937		0.249		0.000	0.937	0.937	0.937	0.937
	Edge Right	0.986		0.346			0.986	0.986	0.986	0.986
	Edge Bottom	0.775	0.245		0.017		1.037	1.020	1.037	1.020
	Edge Left	0.970	0.296		0.033	0.000	1.299	1.267	1.299	1.267

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 Worst case	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	0.955	0.127	0.348	0.008	0.025	1.090	1.107	1.310	1.327
	Left Tilt	0.798	0.127	0.348	0.014	0.029	0.939	0.954	1.159	1.174
	Right Cheek	0.983	0.127	0.348	0.014	0.004	1.125	1.115	**1.345**	1.335
	Right Tilt	0.968	0.127	0.348	0.009	0.022	1.104	1.117	1.325	1.337
Body-worn & Hotspot	Back	0.983	0.367	0.441	0.098	0.099	1.448	1.448	1.522	1.523
	Front	0.718	0.367	0.268	0.098	0.099	1.182	1.183	1.084	1.085
Hotspot	Edge Top	0.937				0.099	0.937	1.035	0.937	1.035
	Edge Right	0.986		0.469			0.986	0.986	1.455	1.455
	Edge Bottom	0.775			0.098		0.873	0.775	0.873	0.775
	Edge Left	0.970	0.414		0.098	0.099	1.483	1.483	1.068	1.069

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	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 Worst case	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	0.955	0.010		0.020	0.089	0.038	0.004	0.984	1.053	0.974	1.043	1.003	0.969	0.993	0.959
	Left Tilt	0.798	0.010		0.020	0.089	0.038	0.004	0.827	0.896	0.817	0.886	0.845	0.812	0.836	0.802
	Right Cheek	0.983	0.010		0.020	0.089	0.038	0.004	1.013	1.081	1.003	1.072	1.031	0.997	1.022	0.988
	Right Tilt	0.968	0.010		0.020	0.089	0.038	0.004	0.997	1.066	0.987	1.056	1.016	0.982	1.006	0.972
Body-worn & Hotspot	Back	0.983	0.468	0.473	0.067	0.072	0.067	0.034	1.519	1.523	1.523	1.528	1.518	1.485	1.523	1.490
	Front	0.718	0.241	0.004	0.067	0.072	0.067	0.034	1.026	1.030	0.789	0.793	1.025	0.992	0.788	0.755
Hotspot	Edge Top	0.937		0.034		0.072		0.034	0.937	1.008	0.971	1.042	0.937	0.971	0.971	1.005
	Edge Right	0.986				0.074		0.064	0.986	1.060	0.986	1.060	0.986	1.050	0.986	1.050
	Edge Bottom	0.775	0.208		0.067		0.067		1.050	0.983	0.842	0.775	1.049	0.983	0.842	0.775
	Edge Left	0.970	0.274	0.077	0.083		0.081		1.328	1.245	1.131	1.048	1.325	1.245	1.128	1.048

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 Worst case	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	0.955	0.101	0.276		0.005	1.056	1.061	1.231	1.236
	Left Tilt	0.798	0.101	0.276		0.011	0.899	0.910	1.074	1.085
	Right Cheek	0.983	0.101	0.276		0.003	1.085	1.087	1.260	1.262
	Right Tilt	0.968	0.101	0.276		0.000	1.069	1.069	1.244	1.244
Body-worn & Hotspot	Back	0.983	0.291	0.350	0.098	0.085	1.372	1.359	1.431	1.418
	Front	0.718	0.291	0.213	0.006	0.000	1.015	1.009	0.936	0.931
Hotspot	Edge Top	0.937				0.000	0.937	0.937	0.937	0.937
	Edge Right	0.986		0.372			0.986	0.986	1.358	1.358
	Edge Bottom	0.775			0.017		0.792	0.775	0.792	0.775
	Edge Left	0.970	0.329		0.033	0.000	1.332	1.300	1.003	0.971

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	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 Worst case	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	0.955	0.008		0.020	0.089		0.005	0.982	0.987	0.974	0.980	1.051	1.056	1.043	1.049
	Left Tilt	0.798	0.008		0.020	0.089		0.011	0.825	0.835	0.817	0.828	0.894	0.904	0.886	0.897
	Right Cheek	0.983	0.008		0.020	0.089		0.003	1.011	1.013	1.003	1.006	1.079	1.082	1.072	1.075
	Right Tilt	0.968	0.008		0.020	0.089		0.000	0.995	0.995	0.987	0.987	1.064	1.064	1.056	1.056
Body-worn & Hotspot	Back	0.983	0.397	0.395	0.067	0.072	0.098	0.085	1.545	1.532	1.543	1.530	**1.550**	1.537	1.548	1.535
	Front	0.718	0.191	0.003	0.067	0.072	0.006	0.000	0.982	0.976	0.793	0.788	0.986	0.981	0.798	0.793
Hotspot	Edge Top	0.937				0.072		0.000	0.937	0.937	0.937	0.937	1.008	1.008	1.008	1.008
	Edge Right	0.986				0.074			0.986	0.986	0.986	0.986	1.060	1.060	1.060	1.060
	Edge Bottom	0.775			0.067		0.017		0.859	0.842	0.859	0.842	0.792	0.775	0.792	0.775
	Edge Left	0.970	0.218	0.061	0.083		0.033	0.000	1.304	1.271	1.147	1.115	1.221	1.188	1.064	1.032

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	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 Worst case	Wi-Fi 5G Pstate 6 ANT5	Wi-Fi 5G Pstate 6 ANT6	802.15.4 (P_{Low}) ANT3	802.15.4 (P_{Low}) ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6								
Head	Left Cheek	0.955	0.008		0.038	0.004		0.005	1.001	1.006	0.993	0.998	0.967	0.972	0.959	0.965
	Left Tilt	0.798	0.008		0.038	0.004		0.011	0.844	0.854	0.836	0.847	0.810	0.820	0.802	0.813
	Right Cheek	0.983	0.008		0.038	0.004		0.003	1.029	1.032	1.022	1.024	0.995	0.998	0.988	0.991
	Right Tilt	0.968	0.008		0.038	0.004		0.000	1.014	1.014	1.006	1.006	0.980	0.980	0.972	0.972
Body-worn & Hotspot	Back	0.983	0.397	0.395	0.067	0.034	0.098	0.085	**1.545**	1.532	1.542	1.529	1.512	1.499	1.510	1.497
	Front	0.718	0.191	0.003	0.067	0.034	0.006	0.000	0.981	0.976	0.793	0.787	0.949	0.943	0.760	0.755
Hotspot	Edge Top	0.937				0.034		0.000	0.937	0.937	0.937	0.937	0.971	0.971	0.971	0.971
	Edge Right	0.986				0.064			0.986	0.986	0.986	0.986	1.050	1.050	1.050	1.050
	Edge Bottom	0.775			0.067		0.017		0.858	0.842	0.858	0.842	0.792	0.775	0.792	0.775
	Edge Left	0.970	0.218	0.061	0.081		0.033	0.000	1.302	1.269	1.145	1.113	1.221	1.188	1.064	1.032

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 Worst case	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	0.979	0.074	0.306	0.008	0.025	0.074	0.245	1.053	1.285	0.987	1.004	1.053	1.224
	Left Tilt	0.707	0.074	0.306	0.014	0.029	0.074	0.245	0.781	1.013	0.721	0.736	0.781	0.952
	Right Cheek	0.779	0.074	0.306	0.014	0.004	0.074	0.245	0.853	1.085	0.793	0.784	0.853	1.024
	Right Tilt	0.508	0.074	0.306	0.009	0.022	0.074	0.245	0.582	0.814	0.517	0.530	0.582	0.753
Body-worn & Hotspot	Back	0.824	0.197	0.297	0.215	0.368	0.245	0.249	1.022	1.121	1.039	1.192	1.069	1.074
	Front	0.343	0.197	0.297	0.059	0.368	0.245	0.249	0.540	0.640	0.402	0.711	0.587	0.592
Hotspot	Edge Top	0.328		0.297		0.368		0.249	0.328	0.625	0.328	0.696	0.328	0.577
	Edge Right	0.971		0.345				0.346	0.971	1.316	0.971	0.971	0.971	1.318
	Edge Bottom	0.272	0.197		0.126		0.245		0.469	0.272	0.398	0.272	0.516	0.272
	Edge Left	0.792	0.250		0.126	0.368	0.296		1.043	0.792	0.919	1.160	1.089	0.792

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 Worst case	BT (P_{High}) ANT3	BT (P_{High}) ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6				
Head	Left Cheek	0.979	0.074	0.306		0.005	1.053	1.058	1.285	1.290
	Left Tilt	0.707	0.074	0.306		0.011	0.781	0.792	1.013	1.024
	Right Cheek	0.779	0.074	0.306		0.003	0.853	0.856	1.085	1.088
	Right Tilt	0.508	0.074	0.306		0.000	0.582	0.582	0.814	0.814
Body-worn & Hotspot	Back	0.824	0.197	0.297	0.098	0.085	1.119	1.106	1.219	1.206
	Front	0.343	0.197	0.297	0.006	0.000	0.546	0.540	0.645	0.640
Hotspot	Edge Top	0.328		0.297		0.000	0.328	0.328	0.625	0.625
	Edge Right	0.971		0.345			0.971	0.971	1.316	1.316
	Edge Bottom	0.272	0.197		0.017		0.486	0.469	0.289	0.272
	Edge Left	0.792	0.250		0.033	0.000	1.075	1.043	0.825	0.793

12.28. WWAN(CBE) 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 Worst case	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	0.979	0.074	0.245		0.005	1.053	1.058	1.053	1.058
	Left Tilt	0.707	0.074	0.245		0.011	0.781	0.792	0.781	0.792
	Right Cheek	0.779	0.074	0.245		0.003	0.853	0.856	0.853	0.856
	Right Tilt	0.508	0.074	0.245		0.000	0.582	0.582	0.582	0.582
Body-worn & Hotspot	Back	0.824	0.245	0.249	0.098	0.085	1.167	1.154	1.167	1.154
	Front	0.343	0.245	0.249	0.006	0.000	0.593	0.588	0.593	0.588
Hotspot	Edge Top	0.328		0.249		0.000	0.328	0.328	0.328	0.328
	Edge Right	0.971		0.346			0.971	0.971	0.971	0.971
	Edge Bottom	0.272	0.245		0.017		0.533	0.516	0.533	0.516
	Edge Left	0.792	0.296		0.033	0.000	1.121	1.089	1.121	1.089

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 Worst case	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	0.979	0.127	0.348	0.008	0.025	1.114	1.131	1.335	**1.352**
	Left Tilt	0.707	0.127	0.348	0.014	0.029	0.849	0.864	1.069	1.084
	Right Cheek	0.779	0.127	0.348	0.014	0.004	0.921	0.911	1.141	1.131
	Right Tilt	0.508	0.127	0.348	0.009	0.022	0.645	0.658	0.865	0.878
Body-worn & Hotspot	Back	0.824	0.367	0.441	0.098	0.099	1.289	1.290	1.363	1.364
	Front	0.343	0.367	0.268	0.098	0.099	0.808	0.808	0.709	0.710
Hotspot	Edge Top	0.328				0.099	0.328	0.426	0.328	0.426
	Edge Right	0.971		0.469			0.971	0.971	**1.440**	1.440
	Edge Bottom	0.272			0.098		0.370	0.272	0.370	0.272
	Edge Left	0.792	0.414		0.098	0.099	1.305	1.305	0.890	0.891

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 Worst case	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	0.979	0.010		0.020	0.089	0.038	0.004	1.008	1.077	0.999	1.068	1.027	0.993	1.017	0.983
	Left Tilt	0.707	0.010		0.020	0.089	0.038	0.004	0.737	0.805	0.727	0.796	0.755	0.721	0.746	0.712
	Right Cheek	0.779	0.010		0.020	0.089	0.038	0.004	0.809	0.878	0.799	0.868	0.827	0.793	0.818	0.784
	Right Tilt	0.508	0.010		0.020	0.089	0.038	0.004	0.537	0.606	0.528	0.597	0.556	0.522	0.546	0.512
Body-worn & Hotspot	Back	0.824	0.468	0.473	0.067	0.072	0.067	0.034	1.360	1.365	1.365	1.369	1.359	1.327	1.364	1.332
	Front	0.343	0.241	0.004	0.067	0.072	0.067	0.034	0.651	0.655	0.414	0.418	0.650	0.618	0.413	0.381
Hotspot	Edge Top	0.328		0.034		0.072		0.034	0.328	0.400	0.362	0.434	0.328	0.362	0.362	0.396
	Edge Right	0.971				0.074		0.064	0.971	1.046	0.971	1.046	0.971	1.035	0.971	1.035
	Edge Bottom	0.272	0.208		0.067		0.067		0.547	0.480	0.339	0.272	0.546	0.480	0.338	0.272
	Edge Left	0.792	0.274	0.077	0.083		0.081		1.150	1.066	0.953	0.870	1.147	1.066	0.950	0.870

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	6	7	1+2+6	1+2+7	1+3+6	1+3+7
		WWAN Cell-on Worst case	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	0.979	0.101	0.276		0.005	1.080	1.086	1.255	1.261
	Left Tilt	0.707	0.101	0.276		0.011	0.809	0.819	0.984	0.994
	Right Cheek	0.779	0.101	0.276		0.003	0.881	0.883	1.056	1.058
	Right Tilt	0.508	0.101	0.276		0.000	0.609	0.609	0.784	0.784
Body-worn & Hotspot	Back	0.824	0.291	0.350	0.098	0.085	1.213	1.201	1.272	1.259
	Front	0.343	0.291	0.213	0.006	0.000	0.640	0.634	0.562	0.556
Hotspot	Edge Top	0.328				0.000	0.328	0.328	0.328	0.328
	Edge Right	0.971		0.372			0.971	0.971	1.344	1.344
	Edge Bottom	0.272			0.017		0.289	0.272	0.289	0.272
	Edge Left	0.792	0.329		0.033	0.000	1.154	1.122	0.825	0.793

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	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 Worst case	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	0.979	0.008		0.020	0.089		0.005	1.006	1.012	0.999	1.004	1.075	1.080	1.068	1.073
	Left Tilt	0.707	0.008		0.020	0.089		0.011	0.735	0.745	0.727	0.738	0.804	0.814	0.796	0.807
	Right Cheek	0.779	0.008		0.020	0.089		0.003	0.807	0.809	0.799	0.802	0.876	0.878	0.868	0.871
	Right Tilt	0.508	0.008		0.020	0.089		0.000	0.535	0.535	0.528	0.528	0.604	0.604	0.597	0.597
Body-worn & Hotspot	Back	0.824	0.397	0.395	0.067	0.072	0.098	0.085	1.387	1.374	1.384	1.372	**1.391**	1.378	1.389	1.376
	Front	0.343	0.191	0.003	0.067	0.072	0.006	0.000	0.607	0.601	0.419	0.413	0.612	0.606	0.423	0.418
Hotspot	Edge Top	0.328				0.072		0.000	0.328	0.328	0.328	0.328	0.400	0.400	0.400	0.400
	Edge Right	0.971				0.074			0.971	0.971	0.971	0.971	1.046	1.046	1.046	1.046
	Edge Bottom	0.272			0.067		0.017		0.356	0.339	0.356	0.339	0.289	0.272	0.289	0.272
	Edge Left	0.792	0.218	0.061	0.083		0.033	0.000	1.126	1.093	0.969	0.937	1.043	1.010	0.886	0.854

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	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 Worst case	Wi-Fi 5G Pstate 6 ANT5	Wi-Fi 5G Pstate 6 ANT6	802.15.4 (P_{low}) ANT3	802.15.4 (P_{low}) ANT4	802.15.4ab NB ANT5	802.15.4ab NB ANT6								
Head	Left Cheek	0.979	0.008		0.038	0.004		0.005	1.025	1.030	1.017	1.023	0.991	0.996	0.983	0.989
	Left Tilt	0.707	0.008		0.038	0.004		0.011	0.753	0.764	0.746	0.757	0.719	0.730	0.712	0.723
	Right Cheek	0.779	0.008		0.038	0.004		0.003	0.825	0.828	0.818	0.821	0.791	0.794	0.784	0.787
	Right Tilt	0.508	0.008		0.038	0.004		0.000	0.554	0.554	0.546	0.547	0.520	0.520	0.512	0.513
Body-worn & Hotspot	Back	0.824	0.397	0.395	0.067	0.034	0.098	0.085	1.386	1.373	1.384	1.371	1.354	1.341	1.351	1.338
	Front	0.343	0.191	0.003	0.067	0.034	0.006	0.000	0.606	0.601	0.418	0.412	0.574	0.568	0.385	0.380
Hotspot	Edge Top	0.328				0.034		0.000	0.328	0.328	0.328	0.328	0.362	0.362	0.362	0.362
	Edge Right	0.971				0.064			0.971	0.971	0.971	0.971	1.035	1.035	1.035	1.035
	Edge Bottom	0.272			0.067		0.017		0.355	0.338	0.355	0.338	0.289	0.272	0.289	0.272
	Edge Left	0.792	0.218	0.061	0.081		0.033	0.000	1.123	1.091	0.967	0.935	1.043	1.010	0.886	0.854

12.34. MSS (TNE) Cell-on & Wi-Fi 6G & NFC

RF Exposure conditions	Standalone SAR (W/kg)				∑ 10-g SAR (W/kg)	
	1	2	3	4		
	WWAN Cell-on Worst case	Wi-Fi 6G ANT5	Wi-Fi 6G ANT6	NFC	1+2+4	1+3+4
Extremity	1.788	0.088	0.101	0.010	1.886	**1.899**

Appendixes

Refer to separated files for the following appendixes.

Appendix A: SAR/PD Setup Photos

Appendix B: SAR/PD System Check Plots

Appendix C: SAR/PD Highest Test Plots

Appendix D: Tissue Ingredients

Appendix E: Probe Certificates

Appendix F: Dipole Certificates

Appendix G: LTE Down-Link CA

Appendix H: Wi-Fi Time-Averaged SAR

Appendix I: MSS Time-Averaged SAR

END OF REPORT