SAR EVALUATION REPORT

IEEE Std 1528-2013

For
SMARTPHONE

FCC ID: BCG-E8725A

Model Name: A3212

Report Number: 15175342-S1V3
Issue Date: 1/17/2025

Prepared for
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ACCREDITED
CERT #0751.05

Revision History

Rev.	Date	Revisions	Revised By
V1	1/14/2025	Initial Issue	--
V2	1/16/2025	1. Added §6.7 WWAN Time-Average Feature. 2. Added §6.8 WLAN Time-Average Feature. 3. Updated §9 & §10 power state descriptions for WLAN. 4. Updated §10.3 W-CDMA BII ANT 1 5. Updated §10.24 FR1 n25 ANT 4 6. Updated §10.38 UNII-2C ANT 5 Power State 2	Christopher Kuwatani
V3	1/17/2025	1. Added §6.7 TAS (Time Averaged SAR) Parameter Definitions 2. Updated §6.7 to §6.8 3. Updated §6.8 to §6.9 4. Updated §9 power definitions	Christopher Kuwatani

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1. Attestation of Test Results

Applicant Name		APPLE INC.						
FCC ID		BCG-E8725A						
Model Name		A3212						
Applicable Standards		Published RF exposure KDB procedures IEEE Std 1528-2013						
Exposure Category		SAR Limits (W/Kg)						
		Peak spatial-average (1g of tissue)				Extremities (hands, wrists, ankles, etc.) (10g of tissue)		
General population / Uncontrolled exposure		1.6				4		
RF Exposure Conditions		Equipment Class - Highest Reported SAR (W/kg)						
		TNE	PCE	CBE	DTS	NII	DSS	DXX
Head		1.153	1.195	1.190	1.195	1.122	0.736	N/A
Body-worn (Dist.= 5 mm)		0.936	1.195	1.190	0.640	1.048	0.411	N/A
Hotspot (Dist.= 5 mm)		0.926	1.200	1.197	0.859	0.546	0.584	N/A
Extremities (Dist. = 0 mm)		2.229	N/A	N/A	N/A	N/A	N/A	0.006
Simultaneous TX ($PCell_{on}$_Wi-Fi_{On})	Head	1.457	1.554	1.489	1.494	1.554	1.554	N/A
	Body-worn	1.438	1.496	1.492	1.272	1.496	1.496	N/A
	Hotspot	1.324	1.396	1.394	1.396	1.117	1.228	N/A
	Extremities	1.859	N/A	N/A	N/A	N/A	N/A	1.859
Date Tested		9/24/2024 to 1/14/2025						
Test Results		Pass						

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

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

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

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

Approved & Released By:	Prepared By:
Devin Chang Senior Laboratory Engineer UL Verification Services Inc.	Christopher Kuwatani Laboratory Engineer UL Verification Services Inc.

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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** 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)

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3. Facilities and Accreditation

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

47266 Benicia Street
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
47266 Benicia Street, Fremont, CA, 94538 UNITED STATES	US0104	2324A

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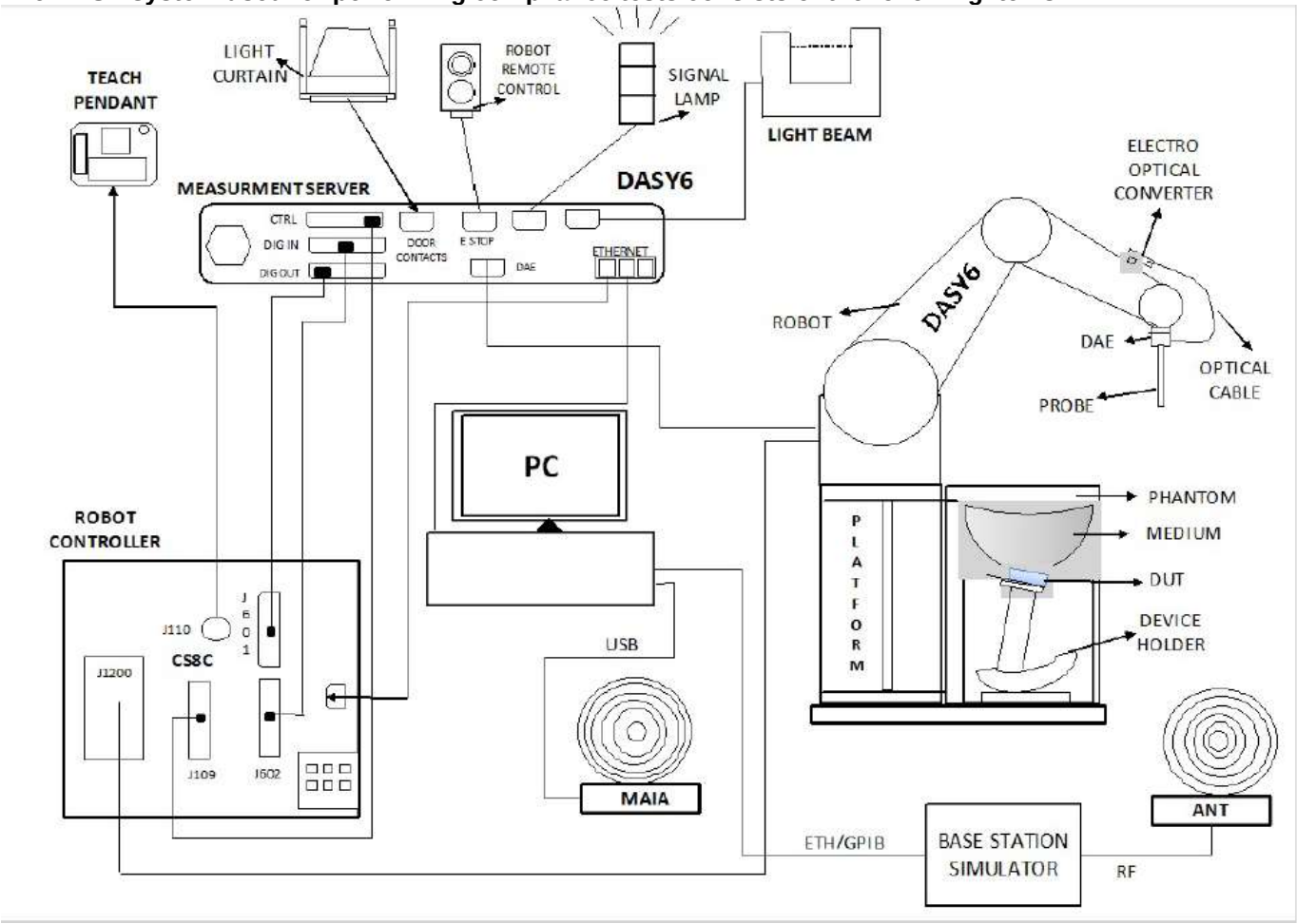
4. SAR Measurement System & Test Equipment

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.

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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.	

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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.

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4.3. Test Equipment

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

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	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-3.5 Short	SM DAK 200 BA	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	240029160	1/31/2025
Thermometer	Fisher Scientific	Traceable	240054866	1/31/2025

Note(s):

*Equipment not used past calibration due date.

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System Check

Name of Equipment	Manufacturer	Type/Model	Serial No.	Cal. Due Date
Signal Generator	ROHDE & SHWARZ	SMB 100A	180168-gX	2/28/2025
Signal Generator	ROHDE & SHWARZ	SMB 100A	180970-zC	2/28/2025
Signal Generator	Rohde & Schwarz	SMB 100A	180969-Yc	2/28/2025
MXG Analog Signal Generator	Agilent	N5181A	MY50140630	1/31/2025
Power Meter	Agilent	N1912A	MY50001018	2/28/2025
Power Meter	Keysight	N1912A	MY55196009	1/31/2025
Power Meter	Hewlett Packard	437B	3125U11347	1/31/2025
Power Meter	Hewlett Packard	437B	3125U09516	1/31/2025
Power Meter	Keysight	N1912A	MY55196007	1/31/2025
Power Sensor	Rohde & Schwarz	NRP18A	100992-iu	2/28/2025
Power Sensor	Keysight	N1921A	MY55200004	1/31/2025
Power Sensor	Agilent	8481A POW	2237A31744	1/31/2025
Power Sensor	Agilent	N1921A	MY52270022	1/31/2025
Power Sensor	ROHDE & SHWARZ	NRP18A	100995-hs	2/28/2025
Power Sensor	Agilent	N1921A	MY53260001	1/31/2025
Bi-Directional Coupler	Mini-Circuits	ZUDC10-83-S	2026?	N/A
Bi-Directional Coupler	Werlatone	C8060-102	4062	N/A
Bi-Directional Coupler	Mini-Circuits	ZUDC10-183+	1722	N/A
Amplifier	Mini-Circuits	ZHL-42W	212352	N/A
Amplifier	MITEQ	AMF-4D-00400600-50-30P	1795093	N/A
DC Power Supply	Sorenson	XT 15-4	1802A01877	N/A
DC Power Supply	Sorenson	XT 15-4	1817A02680	N/A
Attenuator	Pasternack	PE7018-20	212352	N/A
Directional Coupler	Anatech Electronics	AM0R-100DC869	4	N/A

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Lab Equipment

Name of Equipment	Manufacturer	Type/Model	Serial No.	Cal. Due Date
E-Field Probe (SAR Lab 1)	SPEAG	EX3DV4	7808	5/8/2025
E-Field Probe (SAR Lab 1)	SPEAG	EX3DV4	3989	1/9/2025
E-Field Probe (SAR Lab 2)	SPEAG	EX3DV4	7463	4/15/2025
E-Field Probe (SAR Lab 4)	SPEAG	EX3DV4	3749	1/11/2025
E-Field Probe (SAR Lab 4)	SPEAG	EX3DV4	7463	4/15/2025
E-Field Probe (SAR Lab 5)	SPEAG	EX3DV4	7810	5/8/2025
E-Field Probe (SAR Lab 7)	SPEAG	EX3DV4	3990	2/28/2025
E-Field Probe (SAR Lab 8)	SPEAG	EX3DV4	7335	1/9/2025
E-Field Probe (SAR Lab 9)	SPEAG	EX3DV4	3929	3/14/2025
E-Field Probe (SAR Lab 12)	SPEAG	EX3DV4	3989	1/9/2025
E-Field Probe (SAR Lab 14)	SPEAG	EX3DV4	7820	5/10/2025
E-Field Probe (SAR Lab 15)	SPEAG	EX3DV4	3772	2/7/2025
E-Field Probe (SAR Lab 15)	SPEAG	EX3DV4	7569	4/15/2025
E-Field Probe (SAR Lab 17)	SPEAG	EX3DV4	3686	1/12/2025
Data Acquisition Electronics (SAR Lab 1)	SPEAG	DAE4	1674	5/31/2025
Data Acquisition Electronics (SAR Lab 2)	SPEAG	DAE4	1796	5/2/2025
Data Acquisition Electronics (SAR Lab 4)	SPEAG	DAE4	1439	4/24/2025
Data Acquisition Electronics (SAR Lab 4)	SPEAG	DAE4	1796	5/2/2025
Data Acquisition Electronics (SAR Lab 5)	SPEAG	DAE4	1787	5/2/2025
Data Acquisition Electronics (SAR Lab 7)	SPEAG	DAE4	1433	2/8/2025
Data Acquisition Electronics (SAR Lab 8)	SPEAG	DAE4	1799	5/2/2025
Data Acquisition Electronics (SAR Lab 9)	SPEAG	DAE4	1545	2/9/2025
Data Acquisition Electronics (SAR Lab 12)	SPEAG	DAE4	1797	5/2/2025
Data Acquisition Electronics (SAR Lab 14)	SPEAG	DAE4	1258	3/12/2025
Data Acquisition Electronics (SAR Lab 15)	SPEAG	DAE4	1544	1/16/2025
Data Acquisition Electronics (SAR Lab 17)	SPEAG	DAE4	1357	1/9/2025

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Lab Equipment

Name of Equipment	Manufacturer	Type/Model	Serial No.	Cal. Due Date
System Validation Dipole	SPEAG	D750V3	1071	10/16/2025
System Validation Dipole	SPEAG	D750V3	1019	4/13/2025
System Validation Dipole	SPEAG	D835V2	4d117	5/11/2025
System Validation Dipole	SPEAG	D835V2	4d002	10/16/2025
System Validation Dipole	SPEAG	D1640V2	324	6/13/2025
System Validation Dipole	SPEAG	D1750V2	1050	4/19/2025
System Validation Dipole	SPEAG	D1750V2	1053	10/12/2025
System Validation Dipole	SPEAG	D1900V2	5d163	10/16/2025
System Validation Dipole	SPEAG	D1900V2	5d140	4/14/2025
System Validation Dipole	SPEAG	D2300V2	1002	4/11/2025
System Validation Dipole	SPEAG	D2450V2	706	1/20/2025
System Validation Dipole	SPEAG	D2600V2	1036	4/11/2025
System Validation Dipole	SPEAG	D3500V2	1060	2/7/2025
System Validation Dipole	SPEAG	D3500V2	1011	4/17/2025
System Validation Dipole	SPEAG	D3900V2	1102	10/17/2025
System Validation Dipole	SPEAG	D5GHzV2	1003	2/22/2025
System Validation Dipole	SPEAG	D5GHzV2	1138	2/3/2025
System Validation Dipole	SPEAG	CLA13	1008	1/12/2025
Thermometer	Fisher Scientific	Traceable	240466064	6/30/2025
Thermometer	Fisher Scientific	Traceable	181175331	1/31/2025
Thermometer	Fisher Scientific	Traceable	181073773	1/31/2025
Thermometer	Fisher Scientific	Traceable	181163673	1/31/2025
Thermometer	Fisher Scientific	Traceable	170024398	6/30/2025
Thermometer	Fisher Scientific	Traceable	170251204	6/30/2025
Thermometer	Fisher Scientific	Traceable	181062319	10/31/2025

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Other

Name of Equipment	Manufacturer	Type/Model	Serial No.	Cal. Due Date
Wideband Radio Communication Tester	Rohde & Schwarz	CMW500	171872-XJ	2/28/2025
Wideband Radio Communication Tester	Rohde & Schwarz	CMW500	137875-DZ	2/28/2025
Wideband Radio Communication Tester	Rohde & Schwarz	CMW500	135390-WS	2/28/2025
Wideband Radio Communication Tester	Rohde & Schwarz	CMW500	170416--Lb	2/28/2025
Wideband Radio Communication Tester	Rohde & Schwarz	CMW500	137877-ms	2/28/2025
Wideband Radio Communication Tester	Rohde & Schwarz	CMW500	171873-pw	2/28/2025
Wideband Radio Communication Tester	Rohde & Schwarz	CMW500	135393-VQ	2/28/2025
Wideband Radio Communication Tester	Rohde & Schwarz	CMW500	170269-HX	2/28/2025
Wideband Radio Communication Tester	Rohde & Schwarz	CMW500	170417-Bp	2/28/2025
Wideband Radio Communication Tester	Rohde & Schwarz	CMW500	171871-Gd	2/28/2025
Wideband Radio Communication Tester	Rohde & Schwarz	CMW500	171875-WG	2/28/2025
Wideband Radio Communication Tester	Rohde & Schwarz	CMW500	132910-cp	2/28/2025
Wideband Radio Communication Tester	Rohde & Schwarz	CMW500	134853-ud	2/28/2025
Wideband Radio Communication Tester	Rohde & Schwarz	CMW500	171874-Fb	2/28/2025
Wideband Radio Communication Tester	Rohde & Schwarz	CMW500	147543-Bg	2/28/2025
EXA Signal Analyzer	Keysight	EXA	MY60240521	8/31/2025
EXA Signal Analyzer	Keysight	EXA	MY55460216	8/31/2025
Power Meter	Keysight	N1911A	MY55916014	1/31/2025
Power Meter	Keysight	N1911A	MY55196015	2/28/2025
Power Sensor	Agilent	N1921A	MY52200012	1/31/2025
Power Sensor	Agilent	N10149	MY53260010	2/28/2025
PSA Series Spectrum Analyzer	Agilent	E4446A	MY45300064	2/28/2025

5. Measurement Uncertainty

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

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6. Device Under Test (DUT) Information

6.1. DUT Description

The Apple iPhone is a smartphone with cellular GSM, GPRS, EGPRS, WCDMA, LTE, 5GNR1, IEEE 802.11a/b/g/n/ac/ax, Bluetooth (BT), Global Positioning System (GPS), Near-Field Communication (NFC), 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, and MSS transmitters are identical.

The device supports two power modes for both standalone and simultaneous, Mode A (OBD:0) and Mode B (OBD:1). 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/Extremity configuration by the user. Power was measured in accordance with the device's two power modes for standalone for each antenna.

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.

The hosted Wi-Fi/BT radio module has multiple 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.

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

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6.2. Test Sample Information

	S/N	Notes
Test Sample Information	CH7RVY9HFV	Radiated
	K7F5HHW200	Radiated
	M39K54VJJ6	Radiated
	LYY7QY2QK9	Radiated
	FC9XT7Y73G	Radiated
	GJCF4K6WP2	Radiated
	M7CXLRLPQN	Radiated
	K54QVPF6F1	Radiated
	F3YW3364WY	Radiated
	QN0FL9FW35	Radiated
	H2M73R6GQW	Radiated
	R9N60GYD9K	Radiated
	LP7HFC3XF6	Radiated
	R1XVY27CHH	Radiated
	HG3XVPPX6W	Radiated
	D36R07HNX5	Radiated
	MF6VP2K4FY	Radiated
	RQMN45HWP9	Radiated
	MJ6F7L9MXV	Radiated
	H2RTX74QM6	Radiated
	GQMMFJWF37	Radiated
	K9W966F23K	Radiated
	LDLJHL49PN	Radiated
	WWKV3MK46H	Radiated
	FG34VM2QPL	Radiated
	HDFM66HTXF	Radiated
	HD4DFWN24Q	Radiated
	JFG4Y22CWD	Radiated
	GK33W7MHTX	Radiated
	FJ7CV2XR2Q	Radiated
	DCF00W3JG7	Radiated
	J3YFQXM4YY	Radiated
	HG6TMV7FNP	Radiated
	FL4N62HXCY	Radiated
	H7D9PYW70W	Radiated
	J25KXV176L	Radiated
	M4TW07C9C2	Radiated
	G9VVQ4DXV0	Radiated
	GG9R5G65V4	Radiated
	L9C2DW56M5	Radiated
	G97HR4QMFK	Radiated
	GRT7R4N2H5	Radiated
	DJX1X6PGX6	Radiated
	H5XPQYW6V7	Radiated
	D4HFXYZCQD	Radiated
	VX9MJ7XXG4	Radiated
	G9XJ70QWY9	Radiated

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	S/N	Notes
Test Sample Information	HK94W9615Q	Radiated
	Q9K9RGHH71	Radiated
	GQ54Y0YGHK	Radiated
	MLQVPGJKJ6	Radiated
	HTXMHJFQYJ	Radiated
	D14MLXK520	Radiated
	FC6VF9YG4M	Radiated
	CV57KQCN4T	Radiated
	J2NHGYYJ4Q	Radiated
	M5F7Y6Y2Q4	Radiated
	L92LGF7242	Conducted
	KX2JW92N3H	Conducted
	FTH6N6P72H	Conducted
	FPGJ7CJ2Q7	Conducted
	PXTH5P7755	Conducted
	NTHKK40JGJ	Conducted
	X3P9QPX7J5	Conducted
	VNWY9LG7JJ	Conducted
	JYXKJWXQGV	Conducted
	XVX60F5J2N	Conducted
	MFWKHXTTV9	Conducted
	N6W9VM21P7	Conducted
	P9HXP3JMGH	Conducted
	XXHT4XCNPW	Conducted
	P9XXG2PVH2	Conducted
	HWWKPHX64F	Conducted
	C0NH9KJEJ57	Conducted
	C07H9K000HZ0000J57	Conducted
	C07H9K000JQ	Conducted

Notes:

The client confirms that all test samples provided in this project are representative of the units that will be sold in the market.

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6.3. 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)	
LTE	**FDD Bands** 2/4/5/7/12/13/14/17/25/26/30/66/71 **TDD Bands** 41/48/53 **Carrier Aggregation** FDD Bands 5B/7C TDD Bands 41C/48C	QPSK 16QAM 64QAM 256QAM Carrier Aggregation (2 Uplinks and 5 Downlinks)	
5G NR (FR1)	**FDD Bands** n2/n5/n7/n12/n14/n25/n26/n30/n66/n70/n71 **TDD Bands** n41/n48/n53/n77	DFT-s-OFDM: Pi/2 BPSK, QPSK, 16QAM, 64QAM, 256QAM CP-OFDM: QPSK, 16QAM, 64QAM, 256QAM	
Wi-Fi	2.4 GHz	802.11b/g/n/ax (20 MHz BW)	
	5 GHz UNII-1/2A/2C/3	802.11a/n/ac/ax (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	
Bluetooth	2.4 GHz	BR, EDR, LE, and HDR	
MSS	1.6 GHz	1PRB LTE SC-FDMA, BPSK	
NFC	13.56 MHz	Type A/B/F and ISO15693	

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.

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6.4. 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/		

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					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

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	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).

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6.5. 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.

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

n2	SCS (kHz)	Frequency Range: 1850 - 1910 (BW = 60 MHz)													
		Channel Bandwidth (MHz)													
		100	90	80	70	60	50	45	40	35	30	25	20	15	10	5
Low	15												372000 /1860 MHz	371500 /1857.5 MHz	371000 /1855 MHz	370500 /1852.5 MHz
Mid	15												376000 /1880 MHz	376000 /1880 MHz	376000 /1880 MHz	376000 /1880 MHz
High	15												380000 /1900 MHz	380500 /1902.5 MHz	381000 /1905 MHz	381500 /1907.5 MHz

n5	SCS (kHz)	Frequency Range: 824 - 849 (BW = 25 MHz)													
		Channel Bandwidth (MHz)													
		100	90	80	70	60	50	45	40	35	30	25	20	15	10	5
Low	15												166800 /834 MHz	166300 /831.5 MHz	165800 /829 MHz	165300 /826.5 MHz
Mid	15												167300 /836.5 MHz	167300 /836.5 MHz	167300 /836.5 MHz	167300 /836.5 MHz
High	15												167800 /839 MHz	168300 /841.5 MHz	168800 /844 MHz	169300 /846.5 MHz

n7	SCS (kHz)	Frequency Range: 2500 - 2570 (BW = 70 MHz)													
		Channel Bandwidth (MHz)													
		100	90	80	70	60	50	45	40	35	30	25	20	15	10	5
Low	15								504000 /2520 MHz	503500 /2517.5 MHz	503000 /2515 MHz	502500 /2512.5 MHz	502000 /2510 MHz	501500 /2507.5 MHz	501000 /2505 MHz	500500 /2502.5 MHz
Mid	15								507000 /2535 MHz	507000 /2535 MHz	507000 /2535 MHz	507000 /2535 MHz	507000 /2535 MHz	507000 /2535 MHz	507000 /2535 MHz	507000 /2535 MHz
High	15								510000 /2550 MHz	510500 /2552.5 MHz	511000 /2555 MHz	511500 /2557.5 MHz	512000 /2560 MHz	512500 /2562.5 MHz	513000 /2565 MHz	513500 /2567.5 MHz

n12	SCS (kHz)	Frequency Range: 699 - 716 (BW = 17 MHz)													
		Channel Bandwidth (MHz)													
		100	90	80	70	60	50	45	40	35	30	25	20	15	10	5
Low	15													141300 /706.5 MHz	140800 /704 MHz	140300 /701.5 MHz
Mid	15													141500 /707.5 MHz	141500 /707.5 MHz	141500 /707.5 MHz
High	15													141700 /708.5 MHz	142200 /711 MHz	142700 /713.5 MHz

n14	SCS (kHz)	Frequency Range: 788 - 798 (BW = 10 MHz)													
		Channel Bandwidth (MHz)													
		100	90	80	70	60	50	45	40	35	30	25	20	15	10	5
Low	15														158600 /793 MHz	158100 /790.5 MHz
Mid	15														158600 /793 MHz	158600 /793 MHz
High	15														158600 /793 MHz	159100 /795.5 MHz

n25	SCS (kHz)	Frequency Range: 1850 - 1915 (BW = 65 MHz)													
		Channel Bandwidth (MHz)													
		100	90	80	70	60	50	45	40	35	30	25	20	15	10	5
Low	15								374000 /1870 MHz	373500 /1867.5 MHz	373000 /1865 MHz	372500 /1862.5 MHz	372000 /1860 MHz	371500 /1857.5 MHz	371000 /1855 MHz	370500 /1852.5 MHz
Mid	15								376500 /1882.5 MHz	376500 /1882.5 MHz	376500 /1882.5 MHz	376500 /1882.5 MHz	376500 /1882.5 MHz	376500 /1882.5 MHz	376500 /1882.5 MHz	376500 /1882.5 MHz
High	15								379000 /1895 MHz	379500 /1897.5 MHz	380000 /1900 MHz	380500 /1902.5 MHz	381000 /1905 MHz	381500 /1907.5 MHz	382000 /1910 MHz	382500 /1912.5 MHz

n26	SCS (kHz)	Frequency Range: 814 - 849 (BW = 35 MHz)													
		Channel Bandwidth (MHz)													
		100	90	80	70	60	50	45	40	35	30	25	20	15	10	5
Low	15												164800 /824 MHz	164300 /821.5 MHz	163800 /819 MHz	163300 /816.5 MHz
Mid	15												166300 /831.5 MHz	166300 /831.5 MHz	166300 /831.5 MHz	166300 /831.5 MHz
High	15												167800 /839 MHz	168300 /841.5 MHz	168800 /844 MHz	169300 /846.5 MHz

n30	SCS (kHz)	Frequency Range: 2305 - 2315 (BW = 10 MHz)													
		Channel Bandwidth (MHz)													
		100	90	80	70	60	50	45	40	35	30	25	20	15	10	5
Low	15														462000 /2310 MHz	461500 /2307.5 MHz
Mid	15														462000 /2310 MHz	462000 /2310 MHz
High	15														462000 /2310 MHz	462500 /2312.5 MHz

n41	SCS (kHz)	Frequency Range: 2496 - 2690 (BW = 194 MHz)													
		Channel Bandwidth (MHz)													
		100	90	80	70	60	50	45	40	35	30	25	20	15	10	5
1	30	509202 /2546.01 MHz	508200 /2541 MHz	507204 /2536.02 MHz	506202 /2531.01 MHz	505200 /2526 MHz	504204 /2521.02 MHz		503202 /2516.01 MHz		502200 /2511 MHz		501204 /2506.02 MHz	500700 /2503.5 MHz	500202 /2501.01 MHz	
2	30	510000 /2550 MHz	509004 /2545.02 MHz	508002 /2540.01 MHz	507000 /2535 MHz	506004 /2530.02 MHz	505002 /2525.01 MHz		504000 /2520 MHz		503004 /2515.02 MHz		502002 /2510.01 MHz	501504 /2507.52 MHz	501000 /2505 MHz	
3	30	513900 /2569.5 MHz	513402 /2567.01 MHz	512904 /2564.52 MHz	512400 /2562 MHz	511902 /2559.51 MHz	511404 /2557.02 MHz		510900 /2554.5 MHz		510402 /2552.01 MHz		509904 /2549.52 MHz	509652 /2548.26 MHz	509400 /2547 MHz	
4	30	518598 /2592.99 MHz	518598 /2592.99 MHz	518598 /2592.99 MHz	518598 /2592.99 MHz	518598 /2592.99 MHz	518598 /2592.99 MHz		518598 /2592.99 MHz		518598 /2592.99 MHz		518598 /2592.99 MHz	518598 /2592.99 MHz	518598 /2592.99 MHz	
5	30	523302 /2616.51 MHz	523800 /2619 MHz	524298 /2621.49 MHz	524802 /2624.01 MHz	525300 /2626.5 MHz	525798 /2628.99 MHz		526302 /2631.51 MHz		526800 /2634 MHz		527298 /2636.49 MHz	527550 /2637.75 MHz	527802 /2639.01 MHz	
6	30	527994 /2639.97 MHz	528996 /2644.98 MHz	529992 /2649.96 MHz	530994 /2654.97 MHz	531996 /2659.98 MHz	532992 /2664.96 MHz		533994 /2669.97 MHz		534996 /2674.98 MHz		535992 /2679.96 MHz	536496 /2682.48 MHz	536994 /2684.97 MHz	

n48	SCS (kHz)	Frequency Range: 3550 - 3700 (BW = 150 MHz)													
		Channel Bandwidth (MHz)													
		100	90	80	70	60	50	45	40	35	30	25	20	15	10	5
Low	30								638002 /3570.03 MHz		637668 /3565.02 MHz		637336 /3560.04 MHz	637168 /3557.52 MHz	637002 /3555.03 MHz	
Mid-Low	30								640446 /3606.69 MHz		640334 /3605.01 MHz		640224 /3603.36 MHz	640168 /3602.52 MHz	640112 /3601.68 MHz	
Mig-High	30								642890 /3643.35 MHz		643000 /3645 MHz		643112 /3646.68 MHz	643168 /3647.52 MHz	643224 /3648.36 MHz	
High	30								645332 /3679.98 MHz		645666 /3684.99 MHz		645998 /3689.97 MHz	646166 /3692.49 MHz	646332 /3694.98 MHz	

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n53	SCS (kHz)	Frequency Range: 2484 - 2495 (BW = 11 MHz)														
		Channel Bandwidth (MHz)														
		100	90	80	70	60	50	45	40	35	30	25	20	15	10	5
Low	30														497700 /2488.5 MHz	
Mid	30														497860 /2489.3 MHz	
High	30														498000 /2490 MHz	

n66	SCS (kHz)	Frequency Range: 1710 - 1780 (BW = 70 MHz)														
		Channel Bandwidth (MHz)														
		100	90	80	70	60	50	45	40	35	30	25	20	15	10	5
Low	15								346000 /1730 MHz	345500 /1727.5 MHz	345000 /1725 MHz	344500 /1722.5 MHz	344000 /1720 MHz	343500 /1717.5 MHz	343000 /1715 MHz	342500 /1712.5 MHz
Mid	15								349000 /1745 MHz	349000 /1745 MHz	349000 /1745 MHz	349000 /1745 MHz	349000 /1745 MHz	349000 /1745 MHz	349000 /1745 MHz	349000 /1745 MHz
High	15								352000 /1760 MHz	352500 /1762.5 MHz	353000 /1765 MHz	353500 /1767.5 MHz	354000 /1770 MHz	354500 /1772.5 MHz	355000 /1775 MHz	355500 /1777.5 MHz

n70	SCS (kHz)	Frequency Range: 1695 - 1710 (BW = 15 MHz)														
		Channel Bandwidth (MHz)														
		100	90	80	70	60	50	45	40	35	30	25	20	15	10	5
Low	15													340500 /1702.5 MHz	340000 /1700 MHz	339500 /1697.5 MHz
Mid	15													340500 /1702.5 MHz	340500 /1702.5 MHz	340500 /1702.5 MHz
High	15													340500 /1702.5 MHz	341000 /1705 MHz	341500 /1707.5 MHz

n71	SCS (kHz)	Frequency Range: 663 - 698 (BW = 35 MHz)														
		Channel Bandwidth (MHz)														
		100	90	80	70	60	50	45	40	35	30	25	20	15	10	5
Low	15												134600 /673 MHz	134100 /670.5 MHz	133600 /668 MHz	133100 /665.5 MHz
Mid	15												136100 /680.5 MHz	136100 /680.5 MHz	136100 /680.5 MHz	136100 /680.5 MHz
High	15												137600 /688 MHz	138100 /690.5 MHz	138600 /693 MHz	139100 /695.5 MHz

n77 (Block A)	SCS (kHz)	Frequency Range: 3450 - 3550 (BW = 100 MHz)														
		Channel Bandwidth (MHz)														
		100	90	80	70	60	50	45	40	35	30	25	20	15	10	5
Low	30	633334 /3500.01 MHz	633000 /3495 MHz	632668 /3490.02 MHz	632334 /3485.01 MHz	632000 /3480 MHz	631668 /3475.02 MHz		631334 /3470.01 MHz		631000 /3465 MHz		630668 /3460.02 MHz	630500 /3457.5 MHz	630334 /3455.01 MHz	
Mid	30	633334 /3500.01 MHz	633334 /3500.01 MHz	633334 /3500.01 MHz	633334 /3500.01 MHz	633334 /3500.01 MHz	633334 /3500.01 MHz		633334 /3500.01 MHz		633334 /3500.01 MHz		633334 /3500.01 MHz	633334 /3500.01 MHz	633334 /3500.01 MHz	
High	30	633332 /3499.98 MHz	633666 /3504.99 MHz	633998 /3509.97 MHz	634332 /3514.98 MHz	634666 /3519.99 MHz	634998 /3524.97 MHz		635332 /3529.98 MHz		635666 /3534.99 MHz		635998 /3539.97 MHz	636166 /3542.49 MHz	636332 /3544.98 MHz	

n77 (Block B)	SCS (kHz)	Frequency Range: 3550 - 3700 (BW = 150 MHz)														
		Channel Bandwidth (MHz)														
		100	90	80	70	60	50	45	40	35	30	25	20	15	10	5
Low	30	640002 /3600.03 MHz	639668 /3595.02 MHz	639336 /3590.04 MHz	639002 /3585.03 MHz	638668 /3580.02 MHz	638336 /3575.04 MHz		638002 /3570.03 MHz		637668 /3565.02 MHz		637336 /3560.04 MHz	637168 /3557.52 MHz	637002 /3555.03 MHz	
Mid-Low	30	641112 /3616.68 MHz	641002 /3615.03 MHz	640890 /3613.35 MHz	640780 /3611.7 MHz	640668 /3610.02 MHz	640558 /3608.37 MHz		640446 /3606.69 MHz		640334 /3605.01 MHz		640224 /3603.36 MHz	640168 /3602.52 MHz	640112 /3601.68 MHz	
Mig-High	30	642224 /3633.36 MHz	642334 /3635.01 MHz	642446 /3636.69 MHz	642556 /3638.34 MHz	642668 /3640.02 MHz	642778 /3641.67 MHz		642890 /3643.35 MHz		643000 /3645 MHz		643112 /3646.68 MHz	643168 /3647.52 MHz	643224 /3648.36 MHz	
High	30	643332 /3649.98 MHz	643666 /3654.99 MHz	643998 /3659.97 MHz	644332 /3664.98 MHz	644666 /3669.99 MHz	644998 /3674.97 MHz		645332 /3679.98 MHz		645666 /3684.99 MHz		645998 /3689.97 MHz	646166 /3692.49 MHz	646332 /3694.98 MHz	

n77 (Block C)	SCS (kHz)	Frequency Range: 3700 - 3980 (BW = 280 MHz)														
		Channel Bandwidth (MHz)														
		100	90	80	70	60	50	45	40	35	30	25	20	15	10	5
1	30	650002 /3750.03 MHz	649668 /3745.02 MHz	649336 /3740.04 MHz	649002 /3735.03 MHz	648668 /3730.02 MHz	648336 /3725.04 MHz		648002 /3720.03 MHz		647668 /3715.02 MHz		647336 /3710.04 MHz	647168 /3707.52 MHz	647002 /3705.03 MHz	
2	30	652402 /3786.03 MHz	652202 /3783.03 MHz	652002 /3780.03 MHz	651802 /3777.03 MHz	651602 /3774.03 MHz	651402 /3771.03 MHz		651202 /3768.03 MHz		651002 /3765.03 MHz		650802 /3762.03 MHz	650702 /3760.53 MHz	650602 /3759.03 MHz	
3	30	654802 /3822.03 MHz	654734 /3821.01 MHz	654668 /3820.02 MHz	654602 /3819.03 MHz	654534 /3818.01 MHz	654468 /3817.02 MHz		654402 /3816.03 MHz		654334 /3815.01 MHz		654268 /3814.02 MHz	654234 /3813.51 MHz	654202 /3813.03 MHz	
4	30	657200 /3858 MHz	657268 /3859.02 MHz	657334 /3860.01 MHz	657400 /3861 MHz	657468 /3862.02 MHz	657534 /3863.01 MHz		657600 /3864 MHz		657668 /3865.02 MHz		657734 /3866.01 MHz	657768 /3866.52 MHz	657800 /3867 MHz	
5	30	659600 /3894 MHz	659800 /3897 MHz	660000 /3900 MHz	660200 /3903 MHz	660400 /3906 MHz	660600 /3909 MHz		660800 /3912 MHz		661000 /3915 MHz		661200 /3918 MHz	661300 /3919.5 MHz	661400 /3921 MHz	
6	30	661998 /3929.97 MHz	662332 /3934.98 MHz	662664 /3939.96 MHz	662998 /3944.97 MHz	663332 /3949.98 MHz	663664 /3954.96 MHz		663998 /3959.97 MHz		664332 /3964.98 MHz		664664 /3969.96 MHz	664832 /3972.48 MHz	664998 /3974.97 MHz	

SCS	15 kHz (n2, n5, n7, n12, n14, n25, n26, n30, n66, n70, n71) 30 kHz (n41, n48, n53, n77)
NR(FR1) transmitter and antenna implementation	Refer to section 7 and Appendix A.
A-MPR(Additional MPR) disabled for SAR testing?	Yes

EN-DC Carrier Aggregation Possible Combinations	
LTE Anchor Bands for NR band n2	LTE Band 5/12/13/14/48/66
LTE Anchor Bands for NR band n5	LTE Band 2/7/30/48/66
LTE Anchor Bands for NR band n7	LTE Band 5/12/66
LTE Anchor Bands for NR band n12	LTE Band 2/30/48/66
LTE Anchor Bands for NR band n14	LTE Band 2/30/66
LTE Anchor Bands for NR band n25	LTE Band 12/48/66
LTE Anchor Bands for NR band n26	N/A
LTE Anchor Bands for NR band n30	LTE Band 5/12/14/66
LTE Anchor Bands for NR band n41	LTE Band 2/4/5/12/25/26/41/66
LTE Anchor Bands for NR band n48	LTE Band 2/5/13/66

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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.

6.7. TAS (Time Averaged SAR) Parameter Definitions

This section defines the relevant power and RF Exposure parameters related to the cellular TAS mechanism for this DUT.

$P_{Max, nom}$: The maximum possible instantaneous power, excluding total device uncertainty

P_{Max}: The maximum possible instantaneous power

$P_{Limit, nom}$: The listed target power, excluding total device uncertainty

P_{Limit}: The maximum possible time-averaged power

$SAR_{Design\ Target}$: The maximum spatial peak averaged SAR value corresponding to the $P_{Limit, nom}$

$SAR_{Design\ Limit}$: The maximum spatial peak averaged SAR value inclusive of the total device uncertainty

$P_{Limit, nom}$, P_{Limit}, $P_{Max, nom}$, and P_{Max} values are defined for all antennas, technologies, bands, and OBD/OPS combinations supporting TAS on the DUT. The $P_{Limit, nom}$ value is defined to ensure measured SAR is not greater than the $SAR_{Design\ Target}$. Instantaneous power for the specified antenna/technology/band/OBD/OPS combinations is capped at P_{Max}.

6.8. WWAN Time-Average Feature

The modem is enabled with Cellular TAS technology feature with dynamic budgeting to control and manage transmitting power, in real time (the version implemented is v1.0.0). Only cellular technologies implement dynamic budgeting. All other technologies will use static budget assignments.

This DUT supports a time-averaged method of transmit power control for Cellular and MSS technologies. Consumed SAR from active radios is tracked and stored for the duration of the applicable regulatory averaging window. Rolling time-averaged SAR values are calculated from the consumed SAR reported from active radios. The time-averaged SAR is always maintained less than the appliable SAR Design Limit.

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

Please refer to 15175342-S7 for the full details regarding SAR Characterizations.

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6.9. WLAN Time-Average Feature

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 15175342-S9.

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	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	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	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 NFC	Yes	Yes	Yes	Yes	No	No
ANT5	Wi-Fi 5GHz	Yes	Yes	No	No	Yes	Yes
ANT6	Wi-Fi 5GHz	Yes	Yes	Yes	No	No	Yes
ANT7	LTE B48 5G(FR1) 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

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.

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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.

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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%	
SAR 1	10/21/2024	Head	3900	3900	38.57	37.47	2.93%	3.18	3.32	-4.21%	10/22/2024	D3900V2 SN: 1102	10/23/2025	20.0	6.950	69.500	69.300	0.29%	2.460	24.600	24.100	2.07%	
				3800	38.73	37.59	3.04%	3.08	3.22	-4.30%													
				4000	38.42	37.36	2.84%	3.28	3.42	-4.09%													
SAR 1	10/22/2024	Head	3500	3500	38.97	37.93	2.74%	2.83	2.91	-2.87%	10/22/2024	D3500V2 SN: 1060	2/7/2025	20.0	6.700	67.000	65.700	1.98%	2.560	25.600	24.900	2.81%	
				3400	39.15	38.04	2.91%	2.74	2.81	-2.50%													
				3700	38.62	37.70	2.44%	3.02	3.12	-3.18%													
SAR 1	10/26/2024	Head	3500	3500	40.05	37.93	5.59%	2.82	2.91	-3.01%	10/26/2024	D3500V2 SN: 1060	2/7/2025	20.0	6.370	63.700	65.700	-3.04%	2.500	25.000	24.900	0.40%	
				3400	40.23	38.04	5.75%	2.72	2.81	-3.07%													
				3700	39.65	37.70	5.17%	3.03	3.12	-2.73%													
SAR 1	10/26/2024	Head	3900	3900	39.29	37.47	4.85%	3.25	3.32	-2.25%	10/26/2024	D3900V2 SN: 1102	10/23/2025	20.0	7.240	72.400	69.300	4.47%	2.620	26.200	24.100	8.71%	
				3800	39.48	37.59	5.04%	3.14	3.22	-2.53%													
				4000	39.13	37.36	4.74%	3.36	3.42	-1.90%													
SAR 1	10/30/2024	Head	3500	3500	39.32	37.93	3.67%	2.90	2.91	-0.40%	10/30/2024	D3500V2 SN: 1060	2/7/2025	20.0	6.980	69.800	65.700	6.24%	2.670	26.700	24.900	7.23%	
				3400	39.52	38.04	3.88%	2.81	2.81	-0.15%													
				3700	38.90	37.70	3.18%	3.10	3.12	-0.52%													
SAR 1	10/30/2024	Head	3900	3900	38.59	37.47	2.98%	3.31	3.32	-0.24%	10/30/2024	D3900V2 SN: 1102	10/23/2025	20.0	7.050	70.500	69.300	1.73%	2.480	24.800	24.100	2.90%	
				3800	38.77	37.59	3.15%	3.21	3.22	-0.39%													
				4000	38.42	37.36	2.84%	3.42	3.42	-0.01%													
SAR 1	11/4/2024	Head	3500	3500	39.13	37.93	3.16%	2.73	2.91	-6.10%	11/4/2024	D3500V2 SN: 1060	2/7/2025	20.0	6.810	68.100	65.700	3.65%	2.690	26.900	24.900	8.03%	
				3400	39.30	38.04	3.30%	2.64	2.81	-6.03%													
				3700	38.78	37.70	2.86%	2.94	3.12	-5.78%													
SAR 1	11/4/2024	Head	3900	3900	38.46	37.47	2.63%	3.15	3.32	-5.30%	11/4/2024	D3900V2 SN: 1102	10/23/2025	20.0	7.010	70.100	69.300	1.15%	2.540	25.400	24.100	5.39%	
				3800	38.63	37.59	2.77%	3.04	3.22	-5.64%													
				4000	38.30	37.36	2.52%	3.25	3.42	-4.97%													
SAR 1	11/8/2024	Head	3500	3500	40.68	37.93	7.25%	2.70	2.91	-7.23%	11/8/2024	D3500V2 SN: 1060	2/7/2025	20.0	6.810	68.100	65.700	3.65%	2.680	26.800	24.900	7.63%	
				3400	40.85	38.04	7.38%	2.62	2.81	-6.92%													
				3700	40.37	37.70	7.08%	2.88	3.12	-7.45%													
SAR 1	11/8/2024	Head	3900	3900	40.07	37.47	6.93%	3.08	3.32	-7.34%	11/8/2024	D3900V2 SN: 1102	10/23/2025	20.0	7.050	70.500	69.300	1.73%	2.550	25.500	24.100	5.81%	
				3800	40.23	37.59	7.03%	2.97	3.22	-7.72%													
				4000	39.93	37.36	6.88%	3.18	3.42	-7.22%													
SAR 1	11/12/2024	Head	3500	3500	39.61	37.93	4.43%	2.72	2.91	-6.61%	11/12/2024	D3500V2 SN: 1060	2/7/2025	20.0	6.080	60.800	65.700	-7.46%	2.350	23.500	24.900	-5.62%	
				3400	39.77	38.04	4.54%	2.64	2.81	-6.20%													
				3700	39.31	37.70	4.27%	2.90	3.12	-6.97%													
SAR 1	11/12/2024	Head	3900	3900	39.03	37.47	4.15%	3.09	3.32	-6.95%	11/12/2024	D3900V2 SN: 1102	10/23/2025	20.0	6.240	62.400	69.300	**-9.96%**	2.200	22.000	24.100	-8.71%	1
				3800	39.18	37.59	4.24%	2.99	3.22	-7.07%													
				4000	38.88	37.36	4.07%	3.19	3.42	-6.90%													
SAR 1	11/15/2024	Head	13	13	57.1	55.00	3.82%	0.7047	0.75	-6.04%	11/15/2024	CLA13 SN: 1008	1/12/2025	30.0	0.512	0.512	0.544	-5.88%	0.317	0.317	0.338	-6.21%	
				12	57.26	55.00	4.11%	0.7047	0.75	-6.04%													
				14	56.96	55.00	3.56%	0.7048	0.75	-6.03%													
SAR 1	11/18/2024	Head	3500	3500	41.01	37.93	8.12%	2.69	2.91	-7.78%	11/18/2024	D3500V2 SN: 1060	2/7/2025	20.0	5.930	59.300	65.700	**-9.74%**	2.350	23.500	24.900	-5.62%	2
				3400	41.19	38.04	8.27%	2.59	2.81	-7.73%													
				3700	40.68	37.70	7.90%	2.87	3.12	-7.80%													
SAR 1	11/18/2024	Head	3900	3900	40.37	37.47	7.73%	3.08	3.32	-7.37%	11/18/2024	D3900V2 SN: 1102	10/23/2025	20.0	6.460	64.600	69.300	-6.78%	2.310	23.100	24.100	-4.15%	
				3800	40.52	37.59	7.80%	2.97	3.22	-7.66%													
				4000	40.21	37.36	7.63%	3.18	3.42	-7.07%													
SAR 1	11/20/2024	Head	13	13	54.69	55.00	-0.56%	0.69	0.75	-8.40%	11/20/2024	CLA13 SN: 1008	1/12/2025	30.0	0.490	0.490	0.544	**-9.93%**	0.305	0.305	0.338	-9.76%	3
				12	55.10	55.00	0.18%	0.69	0.75	-8.41%													
				14	54.38	55.00	-1.13%	0.69	0.75	-8.40%													
SAR 1	12/3/2024	Head	3500	3500	39.15	37.93	3.22%	2.72	2.91	-6.68%	12/3/2024	D3500V2 SN: 1060	2/7/2025	17.0	3.200	63.848	65.700	-2.82%	1.250	24.941	24.900	0.16%	
				3400	39.33	38.04	3.38%	2.63	2.81	-6.38%													
				3700	38.81	37.70	2.94%	2.90	3.12	-6.97%													
SAR 1	12/3/2024	Head	3900	3900	38.51	37.47	2.77%	3.09	3.32	-6.95%	12/3/2024	D3900V2 SN: 1102	10/23/2025	17.0	3.380	67.440	69.300	-2.68%	1.230	24.542	24.100	1.83%	
				3800	38.66	37.59	2.85%	2.99	3.22	-7.04%													
				4000	38.35	37.36	2.65%	3.19	3.42	-6.96%													

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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	10/22/2024	Head	3500	3500	40.76	37.93	7.46%	2.70	2.91	-8.74%	10/22/2024	D3500V2 SN: 1060	2/7/2025	20.0	6.500	65.000	65.700	-1.07%	2.570	25.700	24.900	3.21%	
				3400	40.94	38.04	7.61%	2.61	2.81	-8.62%													
				3600	40.61	37.82	7.39%	2.80	3.01	-8.62%													
SAR 2	10/22/2024	Head	3900	3900	40.21	37.47	7.30%	3.10	3.32	-8.19%	10/22/2024	D3900V2 SN: 1102	10/23/2025	20.0	6.840	68.400	69.300	-1.30%	2.500	25.000	24.100	3.73%	
				3800	40.35	37.59	7.35%	3.00	3.22	-8.47%													
				3700	40.47	37.70	7.34%	2.90	3.12	-8.61%													
SAR 2	10/26/2024	Head	3500	3500	40.23	37.93	6.06%	2.82	2.91	-3.04%	10/26/2024	D3500V2 SN: 1060	2/7/2025	20.0	6.710	67.100	65.700	2.13%	2.650	26.500	24.900	6.43%	
				3400	40.43	38.04	6.27%	2.72	2.81	-3.18%													
				3700	40.03	37.70	6.18%	2.93	3.12	-6.01%													
SAR 2	10/26/2024	Head	3900	3900	39.48	37.47	5.36%	3.26	3.32	-1.98%	10/26/2024	D3900V2 SN: 1102	10/23/2025	20.0	6.670	66.700	69.300	-3.75%	2.440	24.400	24.100	1.24%	
				3800	39.66	37.59	5.51%	3.14	3.22	-2.35%													
				3700	39.84	37.70	5.67%	3.03	3.12	-2.64%													
SAR 2	10/30/2024	Head	3500	3500	39.95	37.93	5.33%	2.71	2.91	-7.03%	10/30/2024	D3500V2 SN: 1060	2/7/2025	20.0	5.980	59.800	65.700	**-8.98%**	2.360	23.600	24.900	-5.22%	4
				3400	40.14	38.04	5.51%	2.61	2.81	-6.95%													
				3700	39.61	37.70	5.06%	2.91	3.12	-6.71%													
SAR 2	10/30/2024	Head	3900	3900	39.28	37.47	4.82%	3.11	3.32	-6.23%	10/30/2024	D3900V2 SN: 1102	10/23/2025	20.0	6.400	64.000	69.300	**-7.65%**	2.340	23.400	24.100	-2.90%	5
				3800	39.45	37.59	4.96%	3.01	3.22	-6.57%													
				3700	39.61	37.70	5.06%	2.91	3.12	-6.62%													

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	11/5/2024	Head	3500	3500	40.36	37.93	6.41%	2.68	2.91	-7.99%	11/5/2024	D3500V2 SN: 1011	4/17/2025	20.0	6.130	61.300	65.600	**-6.55%**	2.430	24.300	24.700	-1.62%	6
				3400	40.52	38.04	6.51%	2.59	2.81	-7.91%													
				3700	40.03	37.70	6.18%	2.87	3.12	-7.77%													
SAR 4	11/5/2024	Head	3900	3900	39.73	37.47	6.02%	3.08	3.32	-7.37%	11/5/2024	D3900V2 SN: 1102	10/23/2025	20.0	6.860	68.600	69.300	-1.01%	2.550	25.500	24.100	5.81%	
				3800	39.88	37.59	6.10%	2.97	3.22	-7.63%													
				4000	39.59	37.36	5.97%	3.18	3.42	-7.05%													
SAR 4	11/11/2024	Head	3500	3500	40.16	37.93	5.88%	2.72	2.91	-6.51%	11/11/2024	D3500V2 SN: 1060	2/7/2025	20.0	6.120	61.200	65.700	-6.85%	2.440	24.400	24.900	-2.01%	
				3400	40.37	38.04	6.11%	2.63	2.81	-6.42%													
				3700	39.82	37.70	5.62%	2.92	3.12	-6.36%													
SAR 4	11/11/2024	Head	3900	3900	39.49	37.47	5.38%	3.13	3.32	-5.87%	11/11/2024	D3900V2 SN: 1102	10/23/2025	20.0	6.670	66.700	69.300	-3.75%	2.440	24.400	24.100	1.24%	
				3800	39.66	37.59	5.51%	3.02	3.22	-6.17%													
				4000	39.31	37.36	5.22%	3.23	3.42	-5.61%													
SAR 4	11/15/2024	Head	3500	3500	40.05	37.93	5.59%	2.68	2.91	-7.82%	11/15/2024	D3500V2 SN: 1060	2/7/2025	20.0	6.160	61.600	65.700	-6.24%	2.460	24.600	24.900	-1.20%	
				3400	40.21	38.04	5.69%	2.60	2.81	-7.63%													
				3700	39.71	37.70	5.33%	2.87	3.12	-7.90%													
SAR 4	11/15/2024	Head	3900	3900	39.39	37.47	5.11%	3.06	3.32	-7.79%	11/15/2024	D3900V2 SN: 1102	10/23/2025	20.0	6.520	65.200	69.300	-5.92%	2.410	24.100	24.100	0.00%	
				3800	39.56	37.59	5.25%	2.97	3.22	-7.85%													
				4000	39.25	37.36	5.06%	3.16	3.42	-7.69%													
SAR 4	11/19/2024	Head	3500	3500	40.03	37.93	5.54%	2.66	2.91	-8.64%	11/19/2024	D3500V2 SN: 1060	2/7/2025	20.0	6.090	60.900	65.700	**-7.31%**	2.430	24.300	24.900	-2.41%	7
				3400	40.20	38.04	5.67%	2.57	2.81	-8.55%													
				3700	39.71	37.70	5.33%	2.85	3.12	-8.51%													
SAR 4	11/19/2024	Head	3900	3900	39.41	37.47	5.17%	3.05	3.32	-8.13%	11/19/2024	D3900V2 SN: 1102	10/23/2025	20.0	6.490	64.900	69.300	**-6.35%**	2.400	24.000	24.100	-0.41%	8
				3800	39.56	37.59	5.25%	2.95	3.22	-8.37%													
				4000	39.28	37.36	5.14%	3.16	3.42	-7.83%													
SAR 4	1/13/2025	Head	2450	2450	42.10	39.20	7.40%	1.77	1.80	-1.83%	1/13/2025	D2450V2 SN: 706	1/20/2025	17.0	2.630	52.475	52.300	**0.34%**	1.270	25.340	24.500	3.43%	9
				2400	42.16	39.30	7.29%	1.73	1.75	-1.12%													
				2500	42.02	39.14	7.37%	1.81	1.85	-2.54%													

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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	9/24/2024	Head	1640	1640	43.02	40.25	6.87%	1.22	1.31	-6.34%	9/24/2024	D1640V2 SN: 324	6/13/2025	20.0	3.380	33.800	33.900	-0.29%	1.880	18.800	18.300	2.73%	
				1610	43.04	40.30	6.80%	1.21	1.29	-6.43%													
				1665	42.97	40.22	6.85%	1.24	1.32	-6.36%													
SAR 5	9/24/2024	Head	1750	1750	42.91	40.08	7.05%	1.29	1.37	-5.62%	9/24/2024	D1750V2 SN: 1050	4/19/2025	20.0	3.760	37.600	36.100	4.16%	2.030	20.300	18.900	7.41%	
				1695	42.94	40.17	6.90%	1.26	1.34	-6.20%													
				1780	42.83	40.04	6.97%	1.31	1.39	-5.48%													
SAR 5	9/24/2024	Head	1900	1900	42.59	40.00	6.48%	1.39	1.40	-0.57%	9/24/2024	D1900V2 SN: 5d163	10/18/2025	20.0	4.100	41.000	39.700	3.27%	2.160	21.600	20.800	3.85%	
				1850	42.71	40.00	6.78%	1.36	1.40	-2.71%													
				1920	42.56	40.00	6.40%	1.40	1.40	0.29%													
SAR 5	9/30/2024	Head	1640	1640	42.71	40.25	6.10%	1.26	1.31	-3.82%	9/30/2024	D1640V2 SN: 324	6/13/2025	20.0	3.620	36.200	33.900	**6.78%**	1.990	19.900	18.300	8.74%	10
				1610	42.78	40.30	6.15%	1.24	1.29	-3.80%													
				1665	42.69	40.22	6.15%	1.27	1.32	-3.86%													
SAR 5	9/30/2024	Head	1750	1750	42.62	40.08	6.33%	1.33	1.37	-3.21%	9/30/2024	D1750V2 SN: 1050	4/19/2025	20.0	3.750	37.500	36.100	3.88%	2.010	20.100	18.900	6.35%	
				1695	42.72	40.17	6.35%	1.29	1.34	-3.88%													
				1780	42.57	40.04	6.32%	1.35	1.39	-2.73%													
SAR 5	9/30/2024	Head	1900	1900	42.37	40.00	5.92%	1.42	1.40	1.57%	9/30/2024	D1900V2 SN: 5d163	10/19/2024	20.0	4.130	41.300	39.700	4.03%	2.160	21.600	20.800	3.85%	
				1850	42.42	40.00	6.05%	1.39	1.40	-0.57%													
				1920	42.35	40.00	5.88%	1.43	1.40	2.29%													
SAR 5	10/4/2024	Head	1750	1750	41.47	40.08	3.46%	1.29	1.37	-6.06%	10/4/2024	D1750V2 SN: 1050	4/19/2025	20.0	3.630	36.300	36.100	0.55%	1.950	19.500	18.900	3.17%	
				1695	41.54	40.17	3.41%	1.25	1.34	-6.35%													
				1780	41.40	40.04	3.40%	1.30	1.39	-5.98%													
SAR 5	10/4/2024	Head	1900	1900	41.19	40.00	2.97%	1.37	1.40	-2.00%	10/4/2024	D1900V2 SN: 5d163	10/18/2025	20.0	4.020	40.200	39.700	1.26%	2.120	21.200	20.800	1.92%	
				1850	41.29	40.00	3.23%	1.35	1.40	-3.93%													
				1920	41.17	40.00	2.93%	1.38	1.40	-1.21%													
SAR 5	10/8/2024	Head	1750	1750	40.18	40.08	0.24%	1.33	1.37	-3.07%	10/8/2024	D1750V2 SN: 1050	4/19/2025	20.0	3.740	37.400	36.100	3.60%	2.010	20.100	18.900	6.35%	
				1695	40.28	40.17	0.28%	1.30	1.34	-2.91%													
				1780	40.12	40.04	0.20%	1.34	1.39	-3.02%													
SAR 5	10/8/2024	Head	1900	1900	39.92	40.00	-0.20%	1.42	1.40	1.50%	10/8/2024	D1900V2 SN: 5d163	10/18/2025	20.0	4.230	42.300	39.700	6.55%	2.230	22.300	20.800	7.21%	
				1850	40.04	40.00	0.10%	1.39	1.40	-0.79%													
				1920	39.88	40.00	-0.30%	1.43	1.40	2.29%													
SAR 5	10/11/2024	Head	1640	1640	40.52	40.25	0.66%	1.23	1.31	-6.04%	10/11/2024	D1640V2 SN: 324	6/13/2025	20.0	3.610	36.100	33.900	6.49%	2.000	20.000	18.300	9.29%	
				1610	40.56	40.30	0.65%	1.21	1.29	-5.97%													
				1665	40.47	40.22	0.63%	1.24	1.32	-6.13%													
SAR 5	10/14/2024	Head	1900	1900	40.92	40.00	2.30%	1.37	1.40	-2.29%	10/14/2024	D1900V2 SN: 5d163	10/18/2025	20.0	4.130	41.300	39.700	4.03%	2.180	21.800	20.800	4.81%	
				1850	40.97	40.00	2.43%	1.34	1.40	-4.36%													
				1920	40.90	40.00	2.25%	1.38	1.40	-1.36%													
SAR 5	10/14/2024	Head	1750	1750	41.16	40.08	2.68%	1.28	1.37	-6.50%	10/14/2024	D1750V2 SN: 1050	4/19/2025	20.0	3.680	36.800	36.100	1.94%	1.990	19.900	18.900	5.29%	
				1695	41.23	40.17	2.64%	1.25	1.34	-6.95%													
				1780	41.09	40.04	2.63%	1.30	1.39	-6.27%													
SAR 5	10/18/2024	Head	1750	1750	41.81	40.08	4.30%	1.29	1.37	-5.48%	10/18/2024	D1750V2 SN: 1050	4/19/2025	20.0	3.750	37.500	36.100	3.88%	2.030	20.300	18.900	7.41%	
				1695	41.90	40.17	4.31%	1.26	1.34	-5.53%													
				1780	41.74	40.04	4.25%	1.31	1.39	-5.48%													
SAR 5	10/18/2024	Head	1900	1900	41.53	40.00	3.83%	1.39	1.40	-1.07%	10/18/2024	D1900V2 SN: 5d163	10/18/2025	20.0	4.270	42.700	39.700	7.56%	2.260	22.600	20.800	8.65%	
				1850	41.67	40.00	4.18%	1.35	1.40	-3.29%													
				1920	41.50	40.00	3.75%	1.40	1.40	-0.21%													
SAR 5	10/22/2024	Head	1750	1750	40.03	40.08	-0.14%	1.28	1.37	-6.57%	10/22/2024	D1750V2 SN: 1050	4/19/2025	20.0	3.600	36.000	36.100	-0.28%	1.950	19.500	18.900	3.17%	
				1695	40.12	40.17	-0.12%	1.25	1.34	-6.87%													
				1780	39.95	40.04	-0.22%	1.30	1.39	-6.41%													
SAR 5	10/22/2024	Head	1900	1900	39.73	40.00	-0.68%	1.36	1.40	-2.79%	10/22/2024	D1900V2 SN: 5d163	10/18/2025	20.0	4.160	41.600	39.700	4.79%	2.200	22.000	20.800	5.77%	
				1850	39.82	40.00	-0.45%	1.34	1.40	-4.64%													
				1920	39.72	40.00	-0.70%	1.37	1.40	-2.00%													
SAR 5	10/26/2024	Head	1750	1750	40.82	40.08	1.83%	1.27	1.37	-7.30%	10/26/2024	D1750V2 SN: 1050	4/19/2025	20.0	3.710	37.100	36.100	2.77%	2.020	20.200	18.900	6.88%	
				1695	40.94	40.17	1.92%	1.24	1.34	-7.40%													
				1780	40.77	40.04	1.83%	1.29	1.39	-6.92%													
SAR 5	10/26/2024	Head	1900	1900	40.56	40.00	1.40%	1.36	1.40	-2.57%	10/26/2024	D1900V2 SN: 5d163	10/18/2025	20.0	4.180	41.800	39.700	5.29%	2.220	22.200	20.800	6.73%	
				1850	40.68	40.00	1.70%	1.33	1.40	-4.86%													
				1920	40.51	40.00	1.28%	1.38	1.40	-1.71%													
SAR 5	10/30/2024	Head	1750	1750	41.17	40.08	2.71%	1.38	1.37	1.02%	10/30/2024	D1750V2 SN: 1050	4/19/2025	20.0	3.860	38.600	36.100	**6.93%**	2.060	20.600	18.900	8.99%	11
				1695	41.28	40.17	2.77%	1.35	1.34	0.83%													
				1780	41.10	40.04	2.65%	1.40	1.39	1.16%													
SAR 5	10/30/2024	Head	1900	1900	40.92	40.00	2.30%	1.48	1.40	5.79%	10/30/2024	D1900V2 SN: 5d163	10/18/2025	20.0	4.350	43.500	39.700	**9.57%**	2.250	22.500	20.800	8.17%	12
				1850	41.01	40.00	2.52%	1.45	1.40	3.36%													
				1920	40.89	40.00	2.23%	1.49	1.40	6.71%													
SAR 5	11/4/2024	Head	1750	1750	40.44	40.08	0.89%	1.36	1.37	-0.80%	11/4/2024	D1750V2 SN: 1050	4/19/2025	20.0	3.810	38.100	36.100	5.54%	2.020	20.200	18.900	6.88%	
				1695	40.46	40.17	0.72%	1.33	1.34	-0.67%													
				1780	40.40	40.04	0.90%	1.38	1.39	-0.71%													
SAR 5	11/4/2024	Head	1900	1900	40.22	40.00	0.55%	1.46	1.40	4.14%	11/4/2024	D1900V2 SN: 5d163	10/18/2025	20.0	4.260	42.600	39.700	7.30%	2.210	22.100	20.800	6.25%	
				1850	40.33	40.00	0.82%	1.43	1.40	1.86%													
				1920	40.18	40.00	0.45%	1.47	1.40	5.14%													
SAR 5	11/8/2024	Head	1900	1900	41.63	40.00	4.08%	1.39	1.40	-0.71%	11/8/2024	D1900V2 SN: 5d140	4/14/2025	20.0	4.210	42.100	39.400	6.85%	2.250	22.500	20.600	9.22%	
				1850	41.77	40.00	4.43%	1.37	1.40	-2.50%													
				1920	41.59	40.00	3.98%	1.40	1.40	0.00%													
SAR 5	11/12/2024	Head	1750	1750	41.49	40.08	3.51%	1.27	1.37	-7.38%	11/12/2024	D1750V2 SN: 1050	4/19/2025	20.0	3.410	34.100	36.100	-5.54%	1.850	18.500	18.900	-2.12%	
				1695	41.58	40.17	3.51%	1.24	1.34	-7.25%													
				1780	41.44	40.04	3.50%	1.28	1.39	-7.50%													
SAR 5	11/12/2024	Head	1900	1900	41.39	40.00	3.48%	1.36	1.40	-3.00%	11/12/2024	D1900V2 SN: 5d140	4/14/2025	20.0	3.870	38.700	39.400	-1.78%	2.040	20.400	20.600	-0.97%	
				1850	41.46	40.00	3.65%	1.32	1.40	-5.57%													
				1920	41.35	40.00	3.38%	1.37	1.40	-2.00%													
SAR 5	11/16/2024	Head	1750	1750	41.66	40.08	3.93%	1.30	1.37	-5.04%	11/16/2024	D1750V2 SN: 1050	4/19/2025	20.0	3.660	36.600	36.100	1.39%	1.980	19.800	18.900	4.76%	
				1695	41.77	40.17	3.99%	1.27	1.34	-5.23%													
				1780	41.60	40.04	3.90%	1.32	1.39	-5.04%													
SAR 5	11/16/2024	Head	1900	1900	41.41	40.00	3.52%	1.39	1.40	-0.64%	11/16/2024	D1900V2 SN: 5d140	4/14/2025	20.0	4.100	41.000	39.400	4.06%	2.160	21.600	20.600	4.85%	
				1850	41.51	40.00	3.78%	1.36	1.40	-2.86%													
				1920	41.37	40.00	3.42%	1.40	1.40	0.29%													
SAR 5	11/22/2024	Head	1900	1900	39.77	40.00	-0.57%	1.42	1.40	1.43%	11/22/2024	D1900V2 SN: 5d140	4/14/2025	20.0	4.250	42.500	39.400	**7.87%**	2.230	22.300	20.600	8.25%	13
				1850	39.89	40.00	-0.27%	1.40	1.40	0.00%													
				1920	39.74	40.00	-0.65%	1.43	1.40	2.14%													
SAR 5	11/22/2024	Head	1750	1750	40.13	40.08	0.11%	1.34	1.37	-2.12%	11/22/2024	D1750V2 SN: 1050	4/19/2025	20.0	3.820	38.200	36.100	5.82%	2.060	20.600	18.900	8.99%	
				1695	40.19	40.17	0.05%	1.31	1.34	-2.39%													
				1780	40.04	40.04	0.00%	1.36	1.39	-1.94%													

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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	9/30/2024	Head	2600	2600	41.63	39.01	6.71%	1.87	1.96	-4.70%	9/30/2024	D2600V2 SN: 1036	4/11/2025	20.0	5.900	59.000	55.400	6.50%	2.720	27.200	24.900	9.24%	
				2495	41.81	39.14	6.81%	1.78	1.85	-3.50%													
				2690	41.51	38.90	6.72%	1.95	2.06	-5.56%													
SAR 7	9/30/2024	Head	3500	3500	40.74	37.93	7.41%	2.73	2.91	-6.37%	9/30/2024	D3500V2 SN: 1060	2/7/2025	20.0	6.520	65.200	65.700	**-0.76%**	2.580	25.800	24.900	3.61%	14
				3400	40.91	38.04	7.53%	2.63	2.81	-6.27%													
				3700	40.40	37.70	7.16%	2.92	3.12	-6.23%													
SAR 7	9/30/2024	Head	3900	3900	40.09	37.47	6.98%	3.13	3.32	-5.81%	9/30/2024	D3900V2 SN: 1102	10/23/2025	20.0	6.690	66.900	69.300	**-3.46%**	2.420	24.200	24.100	0.41%	15
				3800	40.25	37.59	7.08%	3.02	3.22	-6.04%													
				4000	39.95	37.36	6.93%	3.24	3.42	-5.47%													
SAR 7	10/4/2024	Head	2600	2600	41.18	39.01	5.56%	1.85	1.96	-5.82%	10/4/2024	D2600V2 SN: 1036	4/11/2025	20.0	5.730	57.300	55.400	3.43%	2.660	26.600	24.900	6.83%	
				2495	41.36	39.14	5.66%	1.76	1.85	-5.07%													
				2690	41.02	38.90	5.46%	1.93	2.06	-6.53%													
SAR 7	10/8/2024	Head	2600	2600	40.76	39.01	4.48%	1.86	1.96	-5.26%	10/8/2024	D2600V2 SN: 1036	4/11/2025	20.0	5.740	57.400	55.400	3.61%	2.660	26.600	24.900	6.83%	
				2495	40.89	39.14	4.46%	1.78	1.85	-3.93%													
				2690	40.61	38.90	4.40%	1.93	2.06	-6.19%													
SAR 7	10/14/2024	Head	2600	2600	37.65	39.01	-3.49%	1.86	1.96	-5.16%	10/14/2024	D2600V2 SN: 1036	4/11/2025	20.0	5.930	59.300	55.400	7.04%	2.680	26.800	24.900	7.63%	
				2495	37.82	39.14	-3.38%	1.78	1.85	-3.50%													
				2690	37.50	38.90	-3.59%	1.93	2.06	-6.48%													
SAR 7	10/18/2024	Head	2600	2600	41.62	39.01	6.69%	1.84	1.96	-6.17%	10/18/2024	D2600V2 SN: 1036	4/11/2025	20.0	5.770	57.700	55.400	4.15%	2.680	26.800	24.900	7.63%	
				2495	41.75	39.14	6.66%	1.76	1.85	-4.96%													
				2690	41.47	38.90	6.61%	1.91	2.06	-7.26%													
SAR 7	10/22/2024	Head	2600	2600	39.24	39.01	0.59%	1.98	1.96	1.06%	10/22/2024	D2600V2 SN: 1036	4/11/2025	20.0	5.090	50.900	55.400	**-8.12%**	2.370	23.700	24.900	-4.82%	16
				2495	39.41	39.14	0.68%	1.89	1.85	2.35%													
				2690	39.06	38.90	0.42%	2.06	2.06	-0.02%													
SAR 7	10/26/2024	Head	2600	2600	40.49	39.01	3.79%	1.85	1.96	-5.82%	10/26/2024	D2600V2 SN: 1036	4/11/2025	20.0	5.740	57.400	55.400	3.61%	2.660	26.600	24.900	6.83%	
				2495	40.66	39.14	3.87%	1.76	1.85	-4.96%													
				2690	40.32	38.90	3.66%	1.93	2.06	-6.48%													
SAR 7	10/30/2024	Head	2600	2600	40.03	39.01	2.61%	1.86	1.96	-5.36%	10/30/2024	D2600V2 SN: 1036	4/11/2025	20.0	5.830	58.300	55.400	5.23%	2.690	26.900	24.900	8.03%	
				2495	40.21	39.14	2.73%	1.77	1.85	-4.20%													
				2690	39.88	38.90	2.53%	1.93	2.06	-6.33%													
SAR 7	11/4/2024	Head	2600	2600	39.59	39.01	1.48%	1.85	1.96	-5.56%	11/4/2024	D2600V2 SN: 1036	4/11/2025	20.0	5.480	54.800	55.400	-1.08%	2.540	25.400	24.900	2.01%	
				2495	39.78	39.14	1.63%	1.76	1.85	-4.63%													
				2690	39.41	38.90	1.32%	1.93	2.06	-6.38%													
SAR 7	11/13/2024	Head	2600	2600	40.87	39.01	4.77%	1.82	1.96	-7.14%	11/13/2024	D2600V2 SN: 1036	4/11/2025	20.0	5.800	58.000	55.400	4.69%	2.700	27.000	24.900	8.43%	
				2495	41.07	39.14	4.92%	1.74	1.85	-5.93%													
				2690	40.65	38.90	4.51%	1.90	2.06	-7.94%													
SAR 7	11/13/2024	Head	2300	2300	41.41	39.47	4.91%	1.59	1.66	-4.31%	11/13/2024	D2300V2 SN: 1002	4/11/2025	20.0	4.800	48.000	48.700	**-1.44%**	2.390	23.900	23.800	0.42%	17
				2350	41.32	39.38	4.91%	1.63	1.71	-4.61%													
				2400	41.25	39.30	4.97%	1.67	1.75	-4.78%													
SAR 7	11/13/2024	Head	2450	2450	41.15	39.20	4.97%	1.71	1.80	-5.17%	11/13/2024	D2450V2 SN: 748	2/8/2025	20.0	5.330	53.300	51.700	**3.09%**	2.570	25.700	24.200	6.20%	18
				2400	41.25	39.30	4.97%	1.67	1.75	-4.78%													
				2500	41.06	39.14	4.91%	1.74	1.85	-5.94%													
SAR 7	11/18/2024	Head	2600	2600	40.14	39.01	2.89%	1.82	1.96	-7.09%	11/18/2024	D2600V2 SN: 1036	4/11/2025	20.0	5.540	55.400	55.400	0.00%	2.590	25.900	24.900	4.02%	
				2495	40.31	39.14	2.98%	1.74	1.85	-5.88%													
				2690	39.98	38.90	2.78%	1.90	2.06	-7.89%													
SAR 7	11/22/2024	Head	1900	1900	41.18	40.00	2.95%	1.34	1.40	-4.57%	11/22/2024	D1900V2 SN: 5d163	10/18/2025	20.0	3.910	39.100	39.700	-1.51%	2.100	21.000	20.800	0.96%	19
				1850	41.25	40.00	3.13%	1.31	1.40	-6.21%													
				1920	41.17	40.00	2.93%	1.35	1.40	-3.79%													
SAR 7	11/22/2024	Head	1750	1750	41.40	40.08	3.28%	1.26	1.37	-8.18%	11/22/2024	D1750V2 SN: 1053	10/12/2025	20.0	3.480	34.800	36.600	-4.92%	1.910	19.100	19.300	-1.04%	20
				1695	41.42	40.17	3.11%	1.23	1.34	-7.92%													
				1780	41.36	40.04	3.30%	1.28	1.39	-8.00%													
SAR 7	12/2/2024	Head	2600	2600	42.10	39.01	7.92%	1.81	1.96	-7.60%	12/2/2024	D2600V2 SN: 1036	4/11/2025	20.0	5.270	52.700	55.400	-4.87%	2.440	24.400	24.900	-2.01%	
				2495	42.24	39.14	7.91%	1.73	1.85	-6.53%													
				2690	41.96	38.90	7.87%	1.89	2.06	-8.42%													
SAR 7	12/3/2024	Head	2300	2300	38.35	39.47	-2.84%	1.53	1.66	-8.34%	12/3/2024	D2300V2 SN: 1002	4/11/2025	20.0	4.800	48.000	48.700	-1.44%	2.380	23.800	23.800	0.00%	
				2350	38.40	39.38	-2.50%	1.56	1.71	-8.59%													
				2400	38.26	39.30	-2.64%	1.60	1.75	-8.66%													
SAR 7	12/5/2024	Head	2450	2450	39.16	39.20	-0.10%	1.69	1.80	-5.94%	12/5/2024	D2450V2 SN: 748	2/8/2025	20.0	5.120	51.200	51.700	-0.97%	2.420	24.200	24.200	0.00%	
				2400	39.24	39.30	-0.14%	1.66	1.75	-5.52%													
				2500	39.08	39.14	-0.15%	1.73	1.85	-6.96%													

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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	9/30/2024	Head	1640	1640	40.96	40.25	1.75%	1.33	1.31	1.69%	9/30/2024	D1640V2 SN: 324	6/13/2025	20.0	3.580	35.800	33.900	**5.60%**	2.010	20.100	18.300	9.84%	21
				1610	41.03	40.30	1.81%	1.31	1.29	1.78%													
				1665	40.94	40.22	1.80%	1.34	1.32	1.66%													
SAR 8	9/30/2024	Head	1750	1750	40.85	40.08	1.91%	1.40	1.37	2.19%	9/30/2024	D1750V2 SN: 1050	4/19/2025	20.0	3.720	37.200	36.100	3.05%	2.030	20.300	18.900	7.41%	
				1695	40.95	40.17	1.94%	1.36	1.34	1.65%													
				1780	40.79	40.04	1.88%	1.42	1.39	2.60%													
SAR 8	9/30/2024	Head	1900	1900	39.16	40.00	-2.10%	1.45	1.40	3.36%	9/30/2024	D1900V2 SN: 5d163	10/18/2025	20.0	4.270	42.700	39.700	**7.56%**	2.280	22.800	20.800	9.62%	22
				1850	39.21	40.00	-1.98%	1.42	1.40	1.21%													
				1920	39.13	40.00	-2.17%	1.46	1.40	4.14%													
SAR 8	10/4/2024	Head	1750	1750	42.86	40.08	6.92%	1.29	1.37	-6.13%	10/4/2024	D1750V2 SN: 1050	4/19/2025	20.0	3.520	35.200	36.100	-2.49%	1.930	19.300	18.900	2.12%	
				1695	42.90	40.17	6.80%	1.25	1.34	-6.65%													
				1780	42.79	40.04	6.87%	1.31	1.39	-5.84%													
SAR 8	10/4/2024	Head	1900	1900	42.58	40.00	6.45%	1.38	1.40	-1.64%	10/4/2024	D1900V2 SN: 5d163	10/18/2025	20.0	4.040	40.400	39.700	1.76%	2.170	21.700	20.800	4.33%	
				1850	42.67	40.00	6.68%	1.35	1.40	-3.64%													
				1920	42.57	40.00	6.43%	1.39	1.40	-0.79%													
SAR 8	10/8/2024	Head	1750	1750	39.74	40.08	-0.86%	1.30	1.37	-5.40%	10/8/2024	D1750V2 SN: 1050	4/19/2025	20.0	3.550	35.500	36.100	-1.66%	1.950	19.500	18.900	3.17%	
				1695	39.85	40.17	-0.79%	1.27	1.34	-5.30%													
				1780	39.69	40.04	-0.87%	1.31	1.39	-5.33%													
SAR 8	10/8/2024	Head	1900	1900	39.49	40.00	-1.28%	1.39	1.40	-0.93%	10/8/2024	D1900V2 SN: 5d163	10/18/2025	20.0	4.150	41.500	39.700	4.53%	2.210	22.100	20.800	6.25%	
				1850	39.61	40.00	-0.98%	1.36	1.40	-3.14%													
				1920	39.45	40.00	-1.37%	1.40	1.40	-0.14%													
SAR 8	10/14/2024	Head	1750	1750	40.80	40.08	1.78%	1.28	1.37	-6.50%	10/14/2024	D1750V2 SN: 1050	4/19/2025	20.0	3.550	35.500	36.100	-1.66%	1.950	19.500	18.900	3.17%	
				1695	40.86	40.17	1.72%	1.25	1.34	-6.80%													
				1780	40.73	40.04	1.73%	1.30	1.39	-6.34%													
SAR 8	10/14/2024	Head	1900	1900	40.57	40.00	1.43%	1.36	1.40	-2.57%	10/14/2024	D1900V2 SN: 5d163	10/18/2025	20.0	4.020	40.200	39.700	1.26%	2.160	21.600	20.800	3.85%	
				1850	40.62	40.00	1.55%	1.34	1.40	-4.57%													
				1920	40.56	40.00	1.40%	1.38	1.40	-1.71%													
SAR 8	10/14/2024	Head	1640	1640	40.07	40.25	-0.46%	1.22	1.31	-6.34%	10/14/2024	D1640V2 SN: 324	6/13/2025	20.0	3.430	34.300	33.900	1.18%	1.940	19.400	18.300	6.01%	
				1610	40.10	40.30	-0.50%	1.21	1.29	-6.20%													
				1665	40.03	40.22	-0.46%	1.24	1.32	-6.51%													
SAR 8	10/18/2024	Head	1640	1640	42.27	40.25	5.01%	1.22	1.31	-6.57%	10/18/2024	D1640V2 SN: 324	6/13/2025	20.0	3.390	33.900	33.900	0.00%	1.920	19.200	18.300	4.92%	
				1610	42.27	40.30	4.89%	1.20	1.29	-6.82%													
				1665	42.18	40.22	4.89%	1.24	1.32	-6.36%													
SAR 8	10/18/2024	Head	1750	1750	42.01	40.08	4.80%	1.28	1.37	-6.28%	10/18/2024	D1750V2 SN: 1050	4/19/2025	20.0	3.570	35.700	36.100	-1.11%	1.960	19.600	18.900	3.70%	
				1695	42.08	40.17	4.76%	1.25	1.34	-6.27%													
				1780	41.92	40.04	4.70%	1.30	1.39	-6.27%													
SAR 8	10/18/2024	Head	1900	1900	41.31	40.00	3.28%	1.36	1.40	-2.64%	10/18/2024	D1900V2 SN: 5d163	10/18/2025	20.0	4.140	41.400	39.700	4.28%	2.220	22.200	20.800	6.73%	
				1850	41.46	40.00	3.65%	1.33	1.40	-4.86%													
				1920	41.28	40.00	3.20%	1.38	1.40	-1.79%													
SAR 8	10/22/2024	Head	1640	1640	41.06	40.25	2.00%	1.22	1.31	-6.80%	10/22/2024	D1640V2 SN: 324	6/13/2025	20.0	3.370	33.700	33.900	-0.59%	1.910	19.100	18.300	4.37%	
				1610	41.09	40.30	1.96%	1.20	1.29	-6.90%													
				1665	41.00	40.22	1.95%	1.23	1.32	-6.81%													
SAR 8	10/22/2024	Head	1750	1750	40.86	40.08	1.93%	1.28	1.37	-6.43%	10/22/2024	D1750V2 SN: 1050	4/19/2025	20.0	3.620	36.200	36.100	0.28%	1.990	19.900	18.900	5.29%	
				1695	40.94	40.17	1.92%	1.25	1.34	-6.80%													
				1780	40.77	40.04	1.83%	1.30	1.39	-6.34%													
SAR 8	10/22/2024	Head	1900	1900	40.55	40.00	1.37%	1.36	1.40	-2.64%	10/22/2024	D1900V2 SN: 5d163	10/18/2025	20.0	4.020	40.200	39.700	1.26%	2.170	21.700	20.800	4.33%	
				1850	40.65	40.00	1.63%	1.34	1.40	-4.50%													
				1920	40.54	40.00	1.35%	1.37	1.40	-1.86%													
SAR 8	10/26/2024	Head	1640	1640	41.50	40.25	3.10%	1.22	1.31	-6.73%	10/26/2024	D1640V2 SN: 324	6/13/2025	20.0	3.310	33.100	33.900	-2.36%	1.870	18.700	18.300	2.19%	
				1610	41.55	40.30	3.10%	1.20	1.29	-6.98%													
				1665	41.44	40.22	3.05%	1.23	1.32	-6.59%													
SAR 8	10/26/2024	Head	1750	1750	41.28	40.08	2.98%	1.28	1.37	-6.65%	10/26/2024	D1750V2 SN: 1050	4/19/2025	20.0	3.560	35.600	36.100	-1.39%	1.960	19.600	18.900	3.70%	
				1695	41.37	40.17	2.99%	1.25	1.34	-6.50%													
				1780	41.26	40.04	3.05%	1.28	1.39	-7.64%													
SAR 8	10/26/2024	Head	1900	1900	41.03	40.00	2.58%	1.36	1.40	-2.57%	10/26/2024	D1900V2 SN: 5d163	10/18/2025	20.0	3.940	39.400	39.700	-0.76%	2.120	21.200	20.800	1.92%	
				1850	41.15	40.00	2.88%	1.34	1.40	-4.64%													
				1920	40.99	40.00	2.48%	1.37	1.40	-1.86%													
SAR 8	10/30/2024	Head	1750	1750	39.86	40.08	-0.56%	1.36	1.37	-0.95%	10/30/2024	D1750V2 SN: 1050	4/19/2025	20.0	3.500	35.000	36.100	-3.05%	1.870	18.700	18.900	-1.06%	
				1695	39.97	40.17	-0.50%	1.32	1.34	-1.19%													
				1780	39.79	40.04	-0.62%	1.37	1.39	-0.86%													
SAR 8	10/30/2024	Head	1640	1640	40.07	40.25	-0.46%	1.29	1.31	-1.37%	10/30/2024	D1640V2 SN: 324	6/13/2025	20.0	3.380	33.800	33.900	-0.29%	1.860	18.600	18.300	1.64%	
				1610	40.12	40.30	-0.45%	1.27	1.29	-1.47%													
				1665	40.01	40.22	-0.51%	1.30	1.32	-1.29%													
SAR 8	10/30/2024	Head	1900	1900	39.61	40.00	-0.98%	1.45	1.40	3.57%	10/30/2024	D1900V2 SN: 5d163	10/18/2025	20.0	3.960	39.600	39.700	-0.25%	2.060	20.600	20.800	-0.96%	
				1850	39.69	40.00	-0.78%	1.42	1.40	1.29%													
				1920	39.58	40.00	-1.05%	1.46	1.40	4.50%													
SAR 8	11/4/2024	Head	1750	1750	42.67	40.08	6.45%	1.27	1.37	-7.30%	11/4/2024	D1750V2 SN: 1050	4/19/2025	20.0	3.510	35.100	36.100	-2.77%	1.910	19.100	18.900	1.06%	
				1695	42.65	40.17	6.18%	1.24	1.34	-7.40%													
				1780	42.62	40.04	6.45%	1.29	1.39	-7.21%													
SAR 8	11/4/2024	Head	1900	1900	40.60	40.00	1.50%	1.35	1.40	-3.43%	11/4/2024	D1900V2 SN: 5d163	10/18/2025	20.0	4.090	40.900	39.700	3.02%	2.180	21.800	20.800	4.81%	
				1850	40.72	40.00	1.80%	1.32	1.40	-5.57%													
				1920	40.57	40.00	1.43%	1.37	1.40	-2.36%													
SAR 8	11/13/2024	Head	1750	1750	40.97	40.08	2.21%	1.29	1.37	-5.99%	11/13/2024	D1750V2 SN: 1053	10/12/2025	20.0	3.820	38.200	36.600	**4.37%**	2.070	20.700	19.300	7.25%	23
				1695	41.03	40.17	2.14%	1.26	1.34	-6.20%													
				1780	40.92	40.04	2.20%	1.31	1.39	-5.77%													
SAR 8	11/13/2024	Head	1900	1900	40.67	40.00	1.68%	1.39	1.40	-1.00%	11/13/2024	D1900V2 SN: 5d140	4/14/2025	20.0	4.220	42.200	39.400	**7.11%**	2.260	22.600	20.600	9.71%	24
				1850	40.80	40.00	2.00%	1.35	1.40	-3.29%													
				1920	40.63	40.00	1.58%	1.40	1.40	-0.14%													
SAR 8	11/17/2024	Head	1750	1750	41.04	40.08	2.38%	1.25	1.37	-8.91%	11/17/2024	D1750V2 SN: 1050	4/19/2025	20.0	3.420	34.200	36.100	**-5.26%**	1.880	18.800	18.900	-0.53%	25
				1695	41.12	40.17	2.37%	1.22	1.34	-8.97%													
				1780	40.95	40.04	2.28%	1.26	1.39	-9.01%													
SAR 8	11/22/2024	Head	1750	1750	38.00	40.08	-5.20%	1.30	1.37	-5.40%	11/22/2024	D1750V2 SN: 1053	10/12/2025	20.0	3.650	36.500	36.600	-0.27%	2.000	20.000	19.300	3.63%	
				1695	38.07	40.17	-5.23%	1.26	1.34	-5.83%													
				1780	37.92	40.04	-5.29%	1.31	1.39	-5.26%													
SAR 8	11/22/2024	Head	1900	1900	37.66	40.00	-5.85%	1.38	1.40	-1.43%	11/22/2024	D1900V2 SN: 5d140	4/14/2025	20.0	4.170	41.700	39.400	5.84%	2.230	22.300	20.600	8.25%	
				1850	37.78	40.00	-5.55%	1.35	1.40	-3.57%													
				1920	37.62	40.00	-5.95%	1.39	1.40	-0.71%													
SAR 8	12/2/2024	Head	2600	2600	38.80	39.01	-0.54%	1.96	1.96	-0.01%	12/2/2024	D2600V2 SN: 1036	4/11/2025	20.0	5.620	56.200	55.400	1.44%	2.540	25.400	24.900	2.01%	26
				2495	38.96	39.14	-0.47%	1.88	1.85	1.48%													
				2690	38.63	38.90	-0.69%	2.04	2.06	-1.19%													
SAR 8	12/5/2024	Head	1640	1640	41.21	40.25	2.38%	1.23	1.31	-6.04%	12/5/2024	D1640V2 SN: 324	6/13/2025	20.0	3.230	32.300	33.900	-4.72%	1.780	17.800	18.300	-2.73%	
				1610	41.21	40.30	2.26%	1.21	1.29	-6.20%													
				1665	41.09	40.22	2.17%	1.24	1.32	-6.13%													
SAR 8	12/6/2024	Head	1750	1750	38.22	40.08	-4.65%	1.25	1.37	-8.47%	12/6/2024	D1750V2 SN: 1050	4/19/2025	20.0	3.470	34.700	36.100	-3.88%	1.890	18.900	18.900	0.00%	
				1695	38.26	40.17	-4.75%	1.22	1.34	-8.74%													
				1780	38.15	40.04	-4.72%	1.27	1.39	-8.36%													
SAR 8	12/6/2024	Head	1900	1900	37.91	40.00	-5.23%	1.34	1.40	-4.14%	12/6/2024	D1900V2 SN: 5d140	4/14/2025	20.0	3.870	38.700	39.400	-1.78%	2.060	20.600	20.600	0.00%	
				1850	38.04	40.00	-4.90%	1.31	1.40	-6.21%													
				1920	37.88	40.00	-5.30%	1.35	1.40	-3.29%													

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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	9/30/2024	Head	3500	3500	39.08	37.93	3.03%	2.80	2.91	-4.00%	9/30/2024	D3500V2 SN: 1060	2/7/2025	20.0	6.160	61.600	65.700	**-6.24%**	2.380	23.800	24.900	-4.42%	27
				3400	39.28	38.04	3.25%	2.70	2.81	-4.03%													
				3600	38.69	37.82	2.31%	3.01	3.01	-0.26%													
SAR 9	9/30/2024	Head	3900	3900	38.32	37.47	2.26%	3.22	3.32	-2.95%	10/1/2024	D3900V2 SN: 1102	10/23/2025	20.0	6.400	64.000	69.300	**-7.65%**	2.270	22.700	24.100	-5.81%	28
				3800	38.50	37.59	2.43%	3.11	3.22	-3.28%													
				4000	38.12	37.36	2.04%	3.33	3.42	-2.60%													
SAR 9	10/4/2024	Head	3500	3500	39.04	37.93	2.93%	2.74	2.91	-5.96%	10/4/2024	D3500V2 SN: 1060	2/7/2025	20.0	6.530	65.300	65.700	-0.61%	2.570	25.700	24.900	3.21%	
				3400	39.24	38.04	3.14%	2.64	2.81	-6.03%													
				3700	38.66	37.70	2.54%	2.95	3.12	-5.49%													
SAR 9	10/4/2024	Head	3900	3900	38.31	37.47	2.23%	3.16	3.32	-4.90%	10/4/2024	D3900V2 SN: 1102	10/23/2025	20.0	6.720	67.200	69.300	-3.03%	2.430	24.300	24.100	0.83%	
				3800	38.49	37.59	2.40%	3.05	3.22	-5.24%													
				4000	38.13	37.36	2.06%	3.27	3.42	-4.53%													
SAR 9	10/8/2024	Head	3500	3500	38.68	37.93	1.98%	2.72	2.91	-6.65%	10/8/2024	D3500V2 SN: 1060	2/7/2025	20.0	6.700	67.000	65.700	1.98%	2.640	26.400	24.900	6.02%	
				3400	38.88	38.04	2.20%	2.63	2.81	-6.49%													
				3700	38.31	37.70	1.61%	2.91	3.12	-6.65%													
SAR 9	10/8/2024	Head	3900	3900	37.96	37.47	1.30%	3.11	3.32	-6.41%	10/8/2024	D3900V2 SN: 1102	10/23/2025	20.0	6.660	66.600	69.300	-3.90%	2.400	24.000	24.100	-0.41%	
				3800	38.14	37.59	1.47%	3.01	3.22	-6.57%													
				4000	37.78	37.36	1.13%	3.21	3.42	-6.17%													
SAR 9	10/14/2024	Head	3500	3500	36.81	37.93	-2.95%	2.71	2.91	-7.03%	10/14/2024	D3500V2 SN: 1060	2/7/2025	20.0	6.670	66.700	65.700	1.52%	2.630	26.300	24.900	5.62%	
				3400	37.02	38.04	-2.69%	2.61	2.81	-7.02%													
				3700	36.40	37.70	-3.45%	2.91	3.12	-6.71%													
SAR 9	10/14/2024	Head	3900	3900	36.02	37.47	-3.88%	3.11	3.32	-6.26%	10/14/2024	D3900V2 SN: 1102	10/23/2025	20.0	6.980	69.800	69.300	0.72%	2.520	25.200	24.100	4.56%	
				3800	36.22	37.59	-3.64%	3.01	3.22	-6.51%													
				4000	35.83	37.36	-4.09%	3.22	3.42	-5.94%													
SAR 9	10/18/2024	Head	3500	3500	39.68	37.93	4.61%	2.87	2.91	-1.33%	10/18/2024	D3500V2 SN: 1060	2/7/2025	20.0	6.680	66.800	65.700	1.67%	2.650	26.500	24.900	6.43%	
				3400	39.88	38.04	4.83%	2.78	2.81	-0.97%													
				3700	39.29	37.70	4.21%	3.07	3.12	-1.55%													
SAR 9	10/18/2024	Head	3900	3900	38.92	37.47	3.86%	3.27	3.32	-1.68%	10/18/2024	D3900V2 SN: 1102	10/23/2025	20.0	7.300	73.000	69.300	5.34%	2.640	26.400	24.100	9.54%	
				3800	39.11	37.59	4.05%	3.17	3.22	-1.66%													
				4000	38.74	37.36	3.70%	3.37	3.42	-1.61%													

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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 12	9/25/2024	Head	750	750	43.02	41.96	2.52%	0.86	0.89	-3.80%	9/25/2024	D750V3 SN: 1071	11/6/2025	20.0	0.807	8.070	8.490	-4.95%	0.542	5.420	5.570	-2.69%	
				660	43.41	42.42	2.33%	0.83	0.89	-6.57%													
				800	42.82	41.71	2.67%	0.88	0.90	-2.27%													
SAR 12	9/25/2024	Head	835	835	42.74	41.50	2.99%	0.89	0.90	-1.26%	9/25/2024	D835V2 SN: 4d117	5/11/2025	20.0	0.994	9.940	9.660	2.90%	0.662	6.620	6.270	5.58%	
				805	42.81	41.68	2.71%	0.88	0.90	-2.11%													
				850	42.69	41.50	2.87%	0.89	0.92	-2.34%													
SAR 12	9/30/2024	Head	750	750	44.76	41.96	6.67%	0.89	0.89	0.08%	9/30/2024	D750V3 SN: 1071	11/6/2025	20.0	0.834	8.340	8.490	-1.77%	0.556	5.560	5.570	-0.18%	
				660	45.09	42.42	6.29%	0.86	0.89	-3.04%													
				800	44.52	41.71	6.75%	0.91	0.90	1.85%													
SAR 12	9/30/2024	Head	835	835	44.50	41.50	7.23%	0.93	0.90	2.96%	9/30/2024	D835V2 SN: 4d117	5/11/2025	20.0	1.010	10.100	9.660	4.55%	0.670	6.700	6.270	6.86%	
				805	44.53	41.68	6.84%	0.91	0.90	1.80%													
				850	44.44	41.50	7.08%	0.93	0.92	1.27%													
SAR 12	10/4/2024	Head	750	750	45.59	41.96	8.65%	0.86	0.89	-4.10%	10/4/2024	D750V3 SN: 1071	11/6/2025	20.0	0.810	8.100	8.490	-4.59%	0.544	5.440	5.570	-2.33%	
				660	45.91	42.42	8.22%	0.82	0.89	-7.06%													
				800	45.42	41.71	8.91%	0.87	0.90	-2.66%													
SAR 12	10/4/2024	Head	835	835	44.28	41.50	6.70%	0.88	0.90	-2.42%	10/4/2024	D835V2 SN: 4d117	5/11/2025	20.0	0.989	9.890	9.660	2.38%	0.659	6.590	6.270	5.10%	
				805	44.33	41.68	6.36%	0.87	0.90	-3.46%													
				850	44.23	41.50	6.58%	0.88	0.92	-3.40%													
SAR 12	10/8/2024	Head	750	750	44.33	41.96	5.64%	0.86	0.89	-3.76%	10/8/2024	D750V3 SN: 1071	11/6/2025	20.0	0.803	8.030	8.490	**-5.42%**	0.539	5.390	5.570	-3.23%	29
				660	44.70	42.42	5.37%	0.83	0.89	-6.83%													
				800	44.14	41.71	5.84%	0.88	0.90	-2.10%													
SAR 12	10/8/2024	Head	835	835	43.99	41.50	6.00%	0.89	0.90	-1.09%	10/8/2024	D835V2 SN: 4d117	5/11/2025	20.0	1.010	10.100	9.660	4.55%	0.672	6.720	6.270	7.18%	
				805	44.12	41.68	5.86%	0.88	0.90	-1.93%													
				850	43.95	41.50	5.90%	0.89	0.92	-2.21%													
SAR 12	10/14/2024	Head	750	750	41.60	41.96	-0.86%	0.87	0.89	-3.03%	10/14/2024	D750V3 SN: 1071	11/6/2025	20.0	0.828	8.280	8.490	-2.47%	0.554	5.540	5.570	-0.54%	
				660	41.93	42.42	-1.16%	0.83	0.89	-5.98%													
				800	41.40	41.71	-0.73%	0.88	0.90	-1.44%													
SAR 12	10/14/2024	Head	835	835	41.29	41.50	-0.51%	0.90	0.90	-0.40%	10/14/2024	D835V2 SN: 4d117	5/11/2025	20.0	1.000	10.000	9.660	3.52%	0.664	6.640	6.270	5.90%	
				805	41.39	41.68	-0.69%	0.89	0.90	-1.28%													
				850	41.24	41.50	-0.63%	0.90	0.92	-1.49%													
SAR 12	10/17/2024	Head	2300	2300	39.72	39.47	0.63%	1.64	1.66	-1.25%	10/17/2024	D2300V2 SN: 1002	4/11/2025	20.0	5.050	50.500	48.700	3.70%	2.390	23.900	23.800	0.42%	
				2350	39.64	39.38	0.65%	1.68	1.71	-1.56%													
				2400	39.55	39.30	0.64%	1.72	1.75	-1.86%													
SAR 12	10/18/2024	Head	750	750	42.67	41.96	1.69%	0.86	0.89	-3.27%	10/18/2024	D750V3 SN: 1071	11/6/2025	20.0	0.843	8.430	8.490	-0.71%	0.571	5.710	5.570	2.51%	
				660	43.02	42.42	1.41%	0.83	0.89	-6.08%													
				800	42.48	41.71	1.86%	0.88	0.90	-1.74%													
SAR 12	10/18/2024	Head	835	835	42.38	41.50	2.12%	0.89	0.90	-0.74%	10/18/2024	D835V2 SN: 4d117	5/11/2025	20.0	1.020	10.200	9.660	**5.59%**	0.684	6.840	6.270	9.09%	30
				805	42.47	41.68	1.90%	0.88	0.90	-1.58%													
				850	42.32	41.50	1.98%	0.90	0.92	-1.80%													
SAR 12	10/21/2024	Head	2300	2300	39.25	39.47	-0.56%	1.59	1.66	-4.73%	10/21/2024	D2300V2 SN: 1002	4/11/2025	20.0	4.610	46.100	48.700	**-5.34%**	2.260	22.600	23.800	-5.04%	31
				2350	39.17	39.38	-0.54%	1.62	1.71	-5.02%													
				2400	39.08	39.30	-0.55%	1.66	1.75	-5.29%													
SAR 12	10/22/2024	Head	750	750	41.16	41.96	-1.91%	0.85	0.89	-4.33%	10/22/2024	D750V3 SN: 1071	11/6/2025	20.0	0.817	8.170	8.490	-3.77%	0.552	5.520	5.570	-0.90%	
				660	41.49	42.42	-2.20%	0.82	0.89	-6.96%													
				800	40.99	41.71	-1.71%	0.87	0.90	-2.88%													
SAR 12	10/22/2024	Head	835	835	40.90	41.50	-1.45%	0.88	0.90	-1.92%	10/22/2024	D835V2 SN: 4d117	5/11/2025	20.0	1.020	10.200	9.660	5.59%	0.681	6.810	6.270	8.61%	
				805	40.98	41.68	-1.68%	0.87	0.90	-2.73%													
				850	40.84	41.50	-1.59%	0.89	0.92	-2.98%													
SAR 12	10/28/2024	Head	750	750	44.10	41.96	5.10%	0.84	0.89	-6.37%	10/28/2024	D750V3 SN: 1071	11/6/2025	20.0	0.812	8.120	8.490	-4.36%	0.547	5.470	5.570	-1.80%	
				660	44.43	42.42	4.73%	0.81	0.89	-8.92%													
				800	43.98	41.71	5.45%	0.85	0.90	-5.03%													
SAR 12	10/28/2024	Head	835	835	43.00	41.50	3.61%	0.85	0.90	-5.36%	10/28/2024	D835V2 SN: 4d117	5/11/2025	20.0	0.989	9.890	9.660	2.38%	0.660	6.600	6.270	5.26%	
				805	43.08	41.68	3.36%	0.84	0.90	-6.23%													
				850	42.96	41.50	3.52%	0.86	0.92	-6.33%													
SAR 12	10/29/2024	Head	3500	3500	38.47	37.93	1.42%	2.63	2.91	-9.64%	10/29/2024	D3500V2 SN: 1060	2/7/2025	20.0	6.170	61.700	65.700	**-6.09%**	2.420	24.200	24.900	-2.81%	32
				3400	38.64	38.04	1.57%	2.55	2.81	-9.41%													
				3700	38.15	37.70	1.19%	2.82	3.12	-9.63%													
SAR 12	10/29/2024	Head	3900	3900	37.83	37.47	0.95%	3.01	3.32	-9.39%	10/29/2024	D3900V2 SN: 1102	10/23/2025	20.0	6.400	64.000	69.300	**-7.65%**	2.300	23.000	24.100	-4.56%	33
				3800	37.99	37.59	1.07%	2.91	3.22	-9.52%													
				4000	37.68	37.36	0.86%	3.11	3.42	-9.21%													
SAR 12	11/4/2024	Head	3500	3500	37.77	37.93	-0.42%	2.77	2.91	-4.90%	11/4/2024	D3500V2 SN: 1060	2/7/2025	20.0	6.530	65.300	65.700	-0.61%	2.560	25.600	24.900	2.81%	
				3400	37.96	38.04	-0.22%	2.67	2.81	-4.85%													
				3700	37.38	37.70	-0.85%	2.97	3.12	-4.60%													
SAR 12	11/4/2024	Head	3900	3900	37.00	37.47	-1.26%	3.18	3.32	-4.21%	11/4/2024	D3900V2 SN: 1102	10/23/2025	20.0	6.800	68.000	69.300	-1.88%	2.440	24.400	24.100	1.24%	
				3800	37.18	37.59	-1.08%	3.08	3.22	-4.46%													
				4000	36.82	37.36	-1.44%	3.29	3.42	-3.92%													
SAR 12	11/11/2024	Head	3500	3500	40.73	37.93	7.38%	2.66	2.91	-8.64%	11/11/2024	D3500V2 SN: 1060	2/7/2025	20.0	6.300	63.000	65.700	-4.11%	2.470	24.700	24.900	-0.80%	
				3400	40.84	38.04	7.35%	2.59	2.81	-7.81%													
				3600	40.63	37.82	7.44%	2.74	3.01	-9.09%													
SAR 12	11/11/2024	Head	3900	3900	40.16	37.47	7.17%	3.00	3.32	-9.66%	11/11/2024	D3900V2 SN: 1102	10/23/2025	20.0	6.630	66.300	69.300	-4.33%	2.420	24.200	24.100	0.41%	
				3800	40.34	37.59	7.32%	2.91	3.22	-9.59%													
				4000	39.99	37.36	7.04%	3.10	3.42	-9.44%													
SAR 12	11/12/2024	Head	750	750	44.62	41.96	6.34%	0.86	0.89	-3.70%	11/12/2024	D750V3 SN: 1071	11/6/2025	20.0	0.854	8.540	8.490	0.59%	0.569	5.690	5.570	2.15%	
				660	44.91	42.42	5.86%	0.83	0.89	-6.34%													
				800	44.42	41.71	6.51%	0.88	0.90	-1.89%													

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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 14	9/30/2024	Head	2450	2450	37.21	39.20	-5.08%	1.80	1.80	0.11%	9/30/2024	D2450V2 SN: 706	1/20/2025	20.0	5.050	50.500	52.300	-3.44%	2.370	23.700	24.500	-3.27%	
				2400	37.31	39.30	-5.06%	1.76	1.75	0.65%													
				2500	37.12	39.14	-5.15%	1.84	1.85	-0.87%													
SAR 14	10/4/2024	Head	2450	2450	38.63	39.20	-1.45%	1.80	1.80	-0.28%	10/4/2024	D2450V2 SN: 706	1/20/2025	20.0	5.040	50.400	52.300	-3.63%	2.380	23.800	24.500	-2.86%	
				2400	38.73	39.30	-1.44%	1.76	1.75	0.31%													
				2500	38.55	39.14	-1.50%	1.83	1.85	-1.24%													
SAR 14	10/8/2024	Head	2450	2450	36.75	39.20	-6.25%	1.82	1.80	1.17%	10/8/2024	D2450V2 SN: 706	1/20/2025	20.0	5.010	50.100	52.300	-4.21%	2.350	23.500	24.500	-4.08%	
				2400	36.85	39.30	-6.23%	1.79	1.75	1.90%													
				2500	36.65	39.14	-6.35%	1.86	1.85	0.21%													
SAR 14	10/10/2024	Head	2300	2300	37.46	39.47	-5.10%	1.66	1.66	-0.10%	10/10/2024	D2300V2 SN: 1002	4/11/2025	20.0	4.890	48.900	48.700	0.41%	2.360	23.600	23.800	-0.84%	
				2350	37.38	39.38	-5.09%	1.70	1.71	-0.74%													
				2400	37.30	39.30	-5.08%	1.73	1.75	-1.24%													
SAR 14	10/14/2024	Head	2450	2450	37.49	39.20	-4.36%	1.78	1.80	-1.06%	10/14/2024	D2450V2 SN: 706	1/20/2025	20.0	4.950	49.500	52.300	-5.35%	2.340	23.400	24.500	-4.49%	
				2400	37.57	39.30	-4.39%	1.74	1.75	-0.49%													
				2500	37.40	39.14	-4.44%	1.82	1.85	-1.89%													
SAR 14	10/14/2024	Head	2300	2300	37.76	39.47	-4.34%	1.67	1.66	0.50%	10/17/2024	D2300V2 SN: 1002	4/11/2025	20.0	4.910	49.100	48.700	0.82%	2.380	23.800	23.800	0.00%	
				2350	37.66	39.38	-4.38%	1.71	1.71	0.08%													
				2400	37.57	39.30	-4.39%	1.74	1.75	-0.49%													
SAR 14	10/18/2024	Head	2300	2300	38.59	39.47	-2.24%	1.66	1.66	-0.04%	10/18/2024	D2300V2 SN: 1002	4/11/2025	20.0	5.030	50.300	48.700	3.29%	2.440	24.400	23.800	2.52%	
				2350	38.56	39.38	-2.09%	1.70	1.71	-0.27%													
				2400	38.43	39.30	-2.21%	1.75	1.75	-0.21%													
SAR 14	10/18/2024	Head	2450	2450	38.36	39.20	-2.14%	1.79	1.80	-0.67%	10/18/2024	D2450V2 SN: 706	1/20/2025	20.0	5.240	52.400	52.300	0.19%	2.520	25.200	24.500	2.86%	
				2400	38.43	39.30	-2.21%	1.75	1.75	-0.21%													
				2500	38.23	39.14	-2.32%	1.83	1.85	-1.35%													
SAR 14	10/22/2024	Head	2300	2300	38.41	39.47	-2.69%	1.66	1.66	-0.22%	10/22/2024	D2300V2 SN: 1002	4/11/2025	20.0	4.830	48.300	48.700	-0.82%	2.340	23.400	23.800	-1.68%	
				2350	38.32	39.38	-2.70%	1.70	1.71	-0.68%													
				2400	38.21	39.30	-2.77%	1.73	1.75	-1.12%													
SAR 14	10/22/2024	Head	2450	2450	38.12	39.20	-2.76%	1.77	1.80	-1.83%	10/22/2024	D2450V2 SN: 706	1/20/2025	20.0	4.920	49.200	52.300	-5.93%	2.320	23.200	24.500	-5.31%	
				2400	38.21	39.30	-2.77%	1.73	1.75	-1.12%													
				2500	38.03	39.14	-2.83%	1.80	1.85	-2.75%													
SAR 14	10/28/2024	Head	2300	2300	37.80	39.47	-4.24%	1.64	1.66	-1.73%	10/28/2024	D2300V2 SN: 1002	4/11/2025	20.0	4.710	47.100	48.700	-3.29%	2.290	22.900	23.800	-3.78%	
				2350	37.72	39.38	-4.23%	1.67	1.71	-2.15%													
				2400	37.64	39.30	-4.22%	1.71	1.75	-2.49%													
SAR 14	10/28/2024	Head	2600	2600	37.29	39.01	-4.41%	1.86	1.96	-5.21%	10/28/2024	D2600V2 SN: 1036	4/11/2025	20.0	5.410	54.100	55.400	**-2.35%**	2.460	24.600	24.900	-1.20%	34
				2495	37.47	39.14	-4.27%	1.78	1.85	-3.82%													
				2690	37.13	38.90	-4.54%	1.93	2.06	-6.43%													
SAR 14	10/30/2024	Head	2450	2450	37.49	39.20	-4.36%	1.76	1.80	-2.28%	10/30/2024	D2450V2 SN: 706	1/20/2025	20.0	4.760	47.600	52.300	**-8.99%**	2.250	22.500	24.500	-8.16%	35
				2400	37.55	39.30	-4.44%	1.72	1.75	-1.64%													
				2500	37.42	39.14	-4.39%	1.80	1.85	-3.08%													
SAR 14	11/1/2024	Head	2300	2300	38.16	39.47	-3.33%	1.67	1.66	0.44%	11/1/2024	D2300V2 SN: 1002	4/11/2025	20.0	4.890	48.900	48.700	0.41%	2.380	23.800	23.800	0.00%	
				2350	38.07	39.38	-3.34%	1.71	1.71	-0.04%													
				2400	37.99	39.30	-3.33%	1.74	1.75	-0.55%													
SAR 14	11/1/2024	Head	2600	2600	37.67	39.01	-3.44%	1.90	1.96	-3.22%	11/1/2024	D2600V2 SN: 1036	4/11/2025	20.0	5.630	56.300	55.400	1.62%	2.560	25.600	24.900	2.81%	
				2495	37.84	39.14	-3.33%	1.81	1.85	-1.98%													
				2690	37.51	38.90	-3.57%	1.97	2.06	-4.15%													
SAR 14	11/5/2024	Head	2600	2600	38.38	39.01	-1.62%	1.91	1.96	-2.76%	11/5/2024	D2600V2 SN: 1036	4/11/2025	20.0	5.480	54.800	55.400	-1.08%	2.500	25.000	24.900	0.40%	
				2495	38.56	39.14	-1.49%	1.82	1.85	-1.66%													
				2690	38.21	38.90	-1.77%	1.98	2.06	-3.81%													
SAR 14	11/11/2024	Head	2600	2600	37.37	39.01	-4.21%	1.90	1.96	-3.22%	11/11/2024	D2600V2 SN: 1036	4/11/2025	20.0	5.650	56.500	55.400	1.99%	2.570	25.700	24.900	3.21%	
				2495	37.56	39.14	-4.04%	1.81	1.85	-1.93%													
				2690	37.21	38.90	-4.34%	1.97	2.06	-4.39%													
SAR 14	11/12/2024	Head	2300	2300	36.62	39.47	-7.23%	1.58	1.66	-5.15%	11/12/2024	D2300V2 SN: 1002	4/11/2025	20.0	4.410	44.100	48.700	**-9.45%**	2.150	21.500	23.800	-9.66%	36
				2350	36.50	39.38	-7.32%	1.61	1.71	-5.66%													
				2400	36.46	39.30	-7.22%	1.64	1.75	-6.15%													
SAR 14	11/16/2024	Head	2600	2600	37.81	39.01	-3.08%	1.87	1.96	-4.80%	11/16/2024	D2600V2 SN: 1036	4/11/2025	20.0	5.460	54.600	55.400	-1.44%	2.480	24.800	24.900	-0.40%	
				2495	37.99	39.14	-2.95%	1.78	1.85	-3.71%													
				2690	37.64	38.90	-3.23%	1.94	2.06	-5.80%													
SAR 14	11/21/2024	Head	2300	2300	40.53	39.47	2.68%	1.70	1.66	2.42%	11/21/2024	D2300V2 SN: 1002	4/11/2025	20.0	5.160	51.600	48.700	5.95%	2.520	25.200	23.800	5.88%	
				2350	40.47	39.38	2.76%	1.75	1.71	2.30%													
				2400	40.36	39.30	2.71%	1.79	1.75	1.96%													

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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 15	9/30/2024	Head	5250	5250	37.47	35.93	4.28%	4.43	4.70	-5.77%	9/30/2024	D5GHzV2 SN: 1138 (5.25 GHz)	2/3/2025	20.0	8.150	81.500	80.400	**1.37%**	2.370	23.700	23.000	3.04%	37
				5150	37.65	36.05	4.45%	4.32	4.60	-6.00%													
				5350	37.28	35.82	4.08%	4.54	4.80	-5.46%													
SAR 15	9/30/2024	Head	5600	5600	36.84	35.53	3.68%	4.81	5.06	-4.87%	9/30/2024	D5GHzV2 SN: 1138 (5.60 GHz)	2/3/2025	20.0	8.410	84.100	82.500	**1.94%**	2.420	24.200	23.500	2.98%	38
				5500	37.03	35.65	3.88%	4.70	4.96	-5.26%													
				5725	36.63	35.39	3.50%	4.97	5.19	-4.30%													
SAR 15	9/30/2024	Head	5750	5750	36.59	35.36	3.47%	4.99	5.21	-4.37%	9/30/2024	D5GHzV2 SN: 1138 (5.75 GHz)	2/3/2025	20.0	7.160	71.600	79.400	**-9.82%**	2.090	20.900	22.500	-7.11%	39
				5700	36.67	35.42	3.53%	4.94	5.16	-4.39%													
				5850	36.41	35.30	3.14%	5.10	5.32	-4.10%													
SAR 15	10/4/2024	Head	2450	2450	42.03	39.20	7.22%	1.66	1.80	-8.00%	10/4/2024	D2450V2 SN: 706	1/20/2025	20.0	5.070	50.700	52.300	-3.06%	2.460	24.600	24.500	0.41%	
				2400	42.12	39.30	7.18%	1.62	1.75	-7.63%													
				2500	41.96	39.14	7.21%	1.69	1.85	-8.74%													
SAR 15	10/4/2024	Head	5200	5200	37.44	35.99	4.03%	4.35	4.65	-6.47%	10/4/2024	D5GHzV2 SN: 1138 (5.25 GHz)	2/3/2025	20.0	8.090	80.900	80.400	0.62%	2.370	23.700	23.000	3.04%	
				5150	37.62	36.05	4.36%	4.25	4.60	-7.61%													
				5350	37.26	35.82	4.02%	4.46	4.80	-7.17%													
SAR 15	10/8/2024	Head	5250	5250	37.69	35.93	4.89%	4.28	4.70	-9.06%	10/8/2024	D5GHzV2 SN: 1003 (5.25 GHz)	2/22/2025	20.0	7.930	79.300	80.300	-1.25%	2.320	23.200	22.900	1.31%	
				5150	37.85	36.05	5.00%	4.17	4.60	-9.37%													
				5350	37.51	35.82	4.72%	4.39	4.80	-8.71%													
SAR 15	10/8/2024	Head	5600	5600	37.10	35.53	4.41%	4.66	5.06	-7.91%	10/8/2024	D5GHzV2 SN: 1003 (5.60 GHz)	2/22/2025	20.0	8.700	87.000	83.000	**4.82%**	2.510	25.100	23.700	5.91%	40
				5500	37.28	35.65	4.58%	4.58	4.96	-7.58%													
				5725	36.90	35.39	4.26%	4.81	5.19	-7.25%													
SAR 15	10/8/2024	Head	5750	5750	36.87	35.36	4.26%	4.83	5.21	-7.30%	10/8/2024	D5GHzV2 SN: 1003 (5.75 GHz)	2/22/2025	20.0	7.780	77.800	79.300	-1.89%	2.260	22.600	22.400	0.89%	
				5700	36.93	35.42	4.26%	4.78	5.16	-7.37%													
				5850	36.70	35.30	3.97%	4.95	5.32	-6.97%													
SAR 15	10/9/2024	Head	2450	2450	40.94	39.20	4.44%	1.67	1.80	-7.06%	10/9/2024	D2450V2 SN: 706	1/20/2025	20.0	5.010	50.100	52.300	-4.21%	2.430	24.300	24.500	-0.82%	
				2400	41.03	39.30	4.41%	1.64	1.75	-6.60%													
				2500	40.86	39.14	4.40%	1.71	1.85	-7.82%													
SAR 15	10/14/2024	Head	2450	2450	41.77	39.20	6.56%	1.66	1.80	-7.78%	10/14/2024	D2450V2 SN: 706	1/20/2025	20.0	4.820	48.200	52.300	-7.84%	2.340	23.400	24.500	-4.49%	
				2400	41.84	39.30	6.47%	1.62	1.75	-7.40%													
				2500	41.68	39.14	6.50%	1.70	1.85	-8.31%													
SAR 15	10/14/2024	Head	5250	5250	37.49	35.93	4.33%	4.40	4.70	-6.43%	10/14/2024	D5GHzV2 SN: 1003 (5.25 GHz)	2/22/2025	17.0	3.880	77.416	80.300	-3.59%	1.120	22.347	22.900	-2.42%	
				5150	37.66	36.05	4.47%	4.29	4.60	-6.71%													
				5350	37.30	35.82	4.13%	4.51	4.80	-6.09%													
SAR 15	10/14/2024	Head	5600	5600	36.90	35.53	3.84%	4.79	5.06	-5.36%	10/14/2024	D5GHzV2 SN: 1003 (5.60 GHz)	2/22/2025	17.0	4.180	83.402	83.000	0.48%	1.190	23.744	23.700	0.18%	
				5500	37.08	35.65	4.02%	4.67	4.96	-5.79%													
				5725	36.68	35.39	3.64%	4.94	5.19	-4.84%													
SAR 15	10/14/2024	Head	5750	5750	36.64	35.36	3.61%	4.96	5.21	-4.87%	10/14/2024	D5GHzV2 SN: 1003 (5.75 GHz)	2/22/2025	17.0	3.750	74.822	79.300	-5.65%	1.070	21.349	22.400	-4.69%	
				5700	36.73	35.42	3.70%	4.91	5.16	-4.87%													
				5850	36.47	35.30	3.31%	5.07	5.32	-4.62%													
SAR 15	10/18/2024	Head	2450	2450	41.61	39.20	6.15%	1.69	1.80	-5.94%	10/18/2024	D2450V2 SN: 706	1/20/2025	20.0	5.030	50.300	52.300	-3.82%	2.420	24.200	24.500	-1.22%	
				2400	41.67	39.30	6.04%	1.65	1.75	-5.63%													
				2500	41.46	39.14	5.94%	1.74	1.85	-6.42%													
SAR 15	10/18/2024	Head	5250	5250	37.22	35.93	3.58%	4.52	4.70	-3.87%	10/18/2024	D5GHzV2 SN: 1003 (5.25 GHz)	2/22/2025	20.0	7.780	77.800	80.300	-3.11%	2.240	22.400	22.900	-2.18%	
				5150	37.40	36.05	3.75%	4.43	4.60	-3.80%													
				5350	36.99	35.82	3.27%	4.63	4.80	-3.61%													
SAR 15	10/18/2024	Head	5600	5600	36.39	35.53	2.41%	4.90	5.06	-3.27%	10/18/2024	D5GHzV2 SN: 1003 (5.60 GHz)	2/22/2025	20.0	8.240	82.400	83.000	-0.72%	2.350	23.500	23.700	-0.84%	
				5500	36.61	35.65	2.70%	4.77	4.96	-3.71%													
				5725	36.17	35.39	2.20%	5.04	5.19	-2.82%													
SAR 15	10/18/2024	Head	5750	5750	36.13	35.36	2.17%	5.06	5.21	-2.91%	10/18/2024	D5GHzV2 SN: 1003 (5.75 GHz)	2/22/2025	20.0	7.490	74.900	79.300	-5.55%	2.150	21.500	22.400	-4.02%	
				5700	36.20	35.42	2.20%	5.02	5.16	-2.80%													
				5850	35.94	35.30	1.81%	5.19	5.32	-2.48%													
SAR 15	10/22/2024	Head	2450	2450	41.53	39.20	5.94%	1.67	1.80	-7.44%	10/22/2024	D2450V2 SN: 706	1/20/2025	20.0	4.870	48.700	52.300	-6.88%	2.350	23.500	24.500	-4.08%	
				2400	41.64	39.30	5.96%	1.63	1.75	-7.00%													
				2500	41.44	39.14	5.88%	1.70	1.85	-8.31%													
SAR 15	10/22/2024	Head	5250	5250	36.87	35.93	2.61%	4.32	4.70	-8.19%	10/22/2024	D5GHzV2 SN: 1003 (5.25 GHz)	2/22/2025	20.0	7.370	73.700	80.300	**-8.22%**	2.130	21.300	22.900	-6.99%	41
				5150	36.97	36.05	2.56%	4.20	4.60	-8.61%													
				5350	36.64	35.82	2.29%	4.42	4.80	-8.00%													
SAR 15	10/22/2024	Head	5600	5600	36.22	35.53	1.93%	4.69	5.06	-7.32%	10/22/2024	D5GHzV2 SN: 1003 (5.60 GHz)	2/22/2025	20.0	7.950	79.500	83.000	-4.22%	2.270	22.700	23.700	-4.22%	
				5500	36.39	35.65	2.08%	4.57	4.96	-7.80%													
				5725	36.03	35.39	1.80%	4.84	5.19	-6.69%													
SAR 15	10/22/2024	Head	5750	5750	35.99	35.36	1.77%	4.86	5.21	-6.77%	10/22/2024	D5GHzV2 SN: 1003 (5.75 GHz)	2/22/2025	20.0	7.410	74.100	79.300	**-6.56%**	2.140	21.400	22.400	-4.46%	42
				5700	36.06	35.42	1.81%	4.81	5.16	-6.77%													
				5850	35.80	35.30	1.42%	4.97	5.32	-6.50%													
SAR 15	10/28/2024	Head	2450	2450	42.30	39.20	7.91%	1.64	1.80	-8.83%	10/28/2024	D2450V2 SN: 706	1/20/2025	20.0	4.720	47.200	52.300	**-9.75%**	2.290	22.900	24.500	-6.53%	43
				2400	42.39	39.30	7.87%	1.60	1.75	-8.60%													
				2500	42.22	39.14	7.88%	1.68	1.85	-9.44%													
SAR 15	10/29/2024	Head	1900	1900	43.31	40.00	8.28%	1.29	1.40	-7.57%	10/29/2024	D1900V2 SN: 5d163	10/18/2025	20.0	3.900	39.000	39.700	**-1.76%**	2.100	21.000	20.800	0.96%	44
				1850	43.38	40.00	8.45%	1.27	1.40	-9.50%													
				1920	43.29	40.00	8.23%	1.31	1.40	-6.71%													
SAR 15	11/2/2024	Head	1750	1750	41.82	40.08	4.33%	1.28	1.37	-6.35%	11/2/2024	D1750V2 SN: 1050	4/19/2025	20.0	3.550	35.500	36.100	-1.66%	1.950	19.500	18.900	3.17%	
				1695	41.92	40.17	4.36%	1.26	1.34	-6.20%													
				1780	41.78	40.04	4.35%	1.30	1.39	-6.49%													
SAR 15	11/5/2024	Head	1750	1750	42.78	40.08	6.72%	1.26	1.37	-8.18%	11/5/2024	D1750V2 SN: 1050	4/19/2025	20.0	3.500	35.000	36.100	**-3.05%**	1.900	19.000	18.900	0.53%	45
				1695	42.85	40.17	6.67%	1.22	1.34	-8.82%													
				1780	43.05	40.04	7.52%	1.27	1.39	-8.65%													
SAR 15	11/5/2024	Head	1900	1900	42.05	40.00	5.12%	1.34	1.40	-4.50%	11/5/2024	D1900V2 SN: 5d163	10/18/2025	20.0	3.930	39.300	39.700	-1.01%	2.090	20.900	20.800	0.48%	
				1850	42.12	40.00	5.30%	1.31	1.40	-6.36%													
				1920	42.03	40.00	5.08%	1.35	1.40	-3.71%													
SAR 15	11/5/2024	Head	5250	5250	36.43	35.93	1.38%	4.38	4.70	-6.83%	11/5/2024	D5GHzV2 SN: 1003 (5.25 GHz)	2/22/2025	20.0	7.690	76.900	80.300	-4.23%	2.260	22.600	22.900	-1.31%	
				5150	36.61	36.05	1.56%	4.27	4.60	-7.08%													
				5350	36.23	35.82	1.15%	4.49	4.80	-6.55%													
SAR 15	11/16/2024	Head	5250	5250	36.86	35.93	2.58%	4.36	4.70	-7.38%	11/16/2024	D5GHzV2 SN: 1003 (5.25 GHz)	2/22/2025	20.0	7.830	78.300	80.300	-2.49%	2.290	22.900	22.900	0.00%	
				5150	37.03	36.05	2.73%	4.25	4.60	-7.67%													
				5350	36.66	35.82	2.35%	4.47	4.80	-7.04%													
SAR 15	11/16/2024	Head	2450	2450	42.23	39.20	7.73%	1.63	1.80	-9.33%	11/16/2024	D2450V2 SN: 706	1/20/2025	20.0	4.890	48.900	52.300	-6.50%	2.380	23.800	24.500	-2.86%	
				2400	42.30	39.30	7.64%	1.60	1.75	-8.83%													
				2500	42.18	39.14	7.78%	1.67	1.85	-9.98%													
SAR 15	11/18/2024	Head	5600	5600	34.99	35.53	-1.53%	5.03	5.06	-0.52%	11/18/2024	D5GHzV2 SN: 1003 (5.60 GHz)	2/22/2025	20.0	8.410	84.100	83.000	1.33%	2.430	24.300	23.700	2.53%	
				5500	35.22	35.65	-1.20%	4.89	4.96	-1.37%													
				5725	34.75	35.39	-1.81%	5.20	5.19	0.31%													
SAR 15	11/18/2024	Head	5750	5750	34.70	35.36	-1.87%	5.23	5.21	0.29%	11/18/2024	D5GHzV2 SN: 1003 (5.75 GHz)	2/22/2025	20.0	7.880	78.800	79.300	-0.63%	2.290	22.900	22.400	2.23%	
				5700	34.79	35.42	-1.78%	5.17	5.16	0.16%													
				5850	34.50	35.30	-2.27%	5.36	5.32	0.71%													

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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 17	9/25/2024	Head	750	750	40.98	41.96	-2.34%	0.88	0.89	-1.02%													
				660	41.28	42.42	-2.69%	0.85	0.89	-3.83%	9/25/2024	D750V3 SN: 1019	4/13/2025	20.0	0.867	8.670	8.510	1.88%	0.579	5.790	5.590	3.58%	
				800	40.79	41.71	-2.19%	0.90	0.90	0.53%													
SAR 17	9/25/2024	Head	835	835	40.65	41.50	-2.05%	0.91	0.90	1.56%													
				805	40.77	41.68	-2.18%	0.90	0.90	0.70%	9/25/2024	D835V2 SN: 4d002	11/7/2024	20.0	1.050	10.500	9.690	8.36%	0.692	6.920	6.330	9.32%	
				850	40.59	41.50	-2.19%	0.92	0.92	0.38%													
SAR 17	9/30/2024	Head	750	750	41.70	41.96	-0.62%	0.92	0.89	3.40%													
				660	42.07	42.42	-0.83%	0.89	0.89	0.38%	9/30/2024	D750V3 SN: 1019	4/13/2025	20.0	0.867	8.670	8.510	1.88%	0.573	5.730	5.590	2.50%	
				800	41.47	41.71	-0.56%	0.94	0.90	5.09%													
SAR 17	9/30/2024	Head	835	835	41.42	41.50	-0.19%	0.96	0.90	6.17%													
				805	41.46	41.68	-0.53%	0.94	0.90	5.27%	9/30/2024	D835V2 SN: 4d002	11/7/2024	20.0	1.050	10.500	9.690	8.36%	0.689	6.890	6.330	8.85%	
				850	41.36	41.50	-0.34%	0.96	0.92	5.02%													
SAR 17	10/4/2024	Head	750	750	40.52	41.96	-3.44%	0.90	0.89	1.04%													
				660	40.82	42.42	-3.78%	0.87	0.89	-1.53%	10/4/2024	D750V3 SN: 1019	4/13/2025	20.0	0.855	8.550	8.510	0.47%	0.568	5.680	5.590	1.61%	
				800	40.36	41.71	-3.23%	0.92	0.90	2.47%													
SAR 17	10/4/2024	Head	835	835	40.27	41.50	-2.96%	0.93	0.90	3.38%													
				805	40.35	41.68	-3.19%	0.92	0.90	2.62%	10/4/2024	D835V2 SN: 4d002	11/6/2025	20.0	1.050	10.500	9.690	8.36%	0.691	6.910	6.330	9.16%	
				850	40.22	41.50	-3.08%	0.94	0.92	2.21%													
SAR 17	10/8/2024	Head	750	750	42.85	41.96	2.12%	0.93	0.89	4.46%													
				660	42.76	42.42	0.79%	0.90	0.89	1.19%	10/8/2024	D750V3 SN: 1019	4/13/2025	20.0	0.889	8.890	8.510	4.47%	0.589	5.890	5.590	5.37%	
				800	42.04	41.71	0.80%	0.95	0.90	6.04%													
SAR 17	10/8/2024	Head	835	835	42.36	41.50	2.07%	0.97	0.90	7.32%													
				805	42.07	41.68	0.94%	0.95	0.90	6.28%	10/8/2024	D835V2 SN: 4d002	11/6/2025	20.0	0.978	9.780	9.690	0.93%	0.644	6.440	6.330	1.74%	
				850	42.34	41.50	2.02%	0.97	0.92	5.90%													
SAR 17	10/14/2024	Head	750	750	40.30	41.96	-3.96%	0.89	0.89	-0.52%													
				660	40.63	42.42	-4.23%	0.86	0.89	-3.40%	10/14/2024	D750V3 SN: 1019	4/13/2025	20.0	0.867	8.670	8.510	1.88%	0.576	5.760	5.590	3.04%	
				800	40.09	41.71	-3.87%	0.91	0.90	1.02%													
SAR 17	10/14/2024	Head	835	835	40.00	41.50	-3.61%	0.92	0.90	2.02%													
				805	40.09	41.68	-3.81%	0.91	0.90	1.18%	10/14/2024	D835V2 SN: 4d002	11/6/2025	20.0	0.987	9.870	9.690	1.86%	0.649	6.490	6.330	2.53%	
				850	39.94	41.50	-3.76%	0.92	0.92	0.90%													
SAR 17	10/18/2024	Head	750	750	41.70	41.96	-0.62%	0.86	0.89	-4.04%													
				660	42.06	42.42	-0.86%	0.82	0.89	-7.08%	10/18/2024	D750V3 SN: 1019	4/13/2025	20.0	0.870	8.700	8.510	2.23%	0.586	5.860	5.590	4.83%	
				800	41.50	41.71	-0.49%	0.87	0.90	-2.50%													
SAR 17	10/18/2024	Head	835	835	41.43	41.50	-0.17%	0.89	0.90	-1.52%													
				805	41.49	41.68	-0.45%	0.88	0.90	-2.36%	10/18/2024	D835V2 SN: 4d002	11/6/2025	20.0	1.030	10.300	9.690	6.30%	0.688	6.880	6.330	8.69%	
				850	41.39	41.50	-0.27%	0.89	0.92	-2.54%													
SAR 17	10/22/2024	Head	750	750	39.80	41.96	-5.15%	0.86	0.89	-3.95%													
				660	40.13	42.42	-5.41%	0.83	0.89	-6.70%	10/22/2024	D750V3 SN: 1019	4/13/2025	20.0	0.862	8.620	8.510	1.29%	0.576	5.760	5.590	3.04%	
				800	39.62	41.71	-5.00%	0.88	0.90	-2.43%													
SAR 17	10/22/2024	Head	835	835	39.53	41.50	-4.75%	0.89	0.90	-1.41%													
				805	39.61	41.68	-4.97%	0.88	0.90	-2.27%	10/22/2024	D835V2 SN: 4d002	11/6/2025	20.0	1.030	10.300	9.690	6.30%	0.684	6.840	6.330	8.06%	
				850	39.47	41.50	-4.89%	0.89	0.92	-2.47%													
SAR 17	10/23/2024	Head	2600	2600	37.71	39.01	-3.33%	1.88	1.96	-3.98%													
				2495	37.86	39.14	-3.28%	1.80	1.85	-2.52%	10/23/2024	D2600V2 SN: 1036	4/11/2025	20.0	5.540	55.400	55.400	0.00%	2.530	25.300	24.900	1.61%	
				2690	37.56	38.90	-3.44%	1.96	2.06	-4.83%													
SAR 17	10/28/2024	Head	750	750	38.63	41.96	-7.94%	0.85	0.89	-4.90%													
				660	38.97	42.42	-8.14%	0.82	0.89	-7.41%	10/28/2024	D750V3 SN: 1019	4/13/2025	20.0	0.817	8.170	8.510	-4.00%	0.543	5.430	5.590	-2.86%	
				800	38.50	41.71	-7.69%	0.87	0.90	-3.55%													
SAR 17	10/28/2024	Head	835	835	38.47	41.50	-7.30%	0.88	0.90	-2.43%													
				805	38.50	41.68	-7.63%	0.87	0.90	-3.38%	10/28/2024	D835V2 SN: 4d002	11/6/2025	20.0	1.020	10.200	9.690	5.26%	0.671	6.710	6.330	6.00%	
				850	38.41	41.50	-7.45%	0.88	0.92	-3.50%													
SAR 17	10/28/2024	Head	2600	2600	35.57	39.01	-8.82%	1.80	1.96	-8.16%													
				2495	35.76	39.14	-8.64%	1.72	1.85	-6.80%	10/28/2024	D2600V2 SN: 1036	4/11/2025	20.0	5.400	54.000	55.400	-2.53%	2.470	24.700	24.900	-0.80%	
				2690	35.42	38.90	-8.94%	1.87	2.06	-9.35%													
SAR 17	11/1/2024	Head	2600	2600	36.36	39.01	-6.80%	1.87	1.96	-4.90%													
				2495	36.53	39.14	-6.68%	1.78	1.85	-3.55%	11/1/2024	D2600V2 SN: 1036	4/11/2025	20.0	5.680	56.800	55.400	2.53%	2.590	25.900	24.900	4.02%	
				2690	36.21	38.90	-6.91%	1.94	2.06	-5.90%													
SAR 17	11/5/2024	Head	2600	2600	40.11	39.01	2.82%	1.91	1.96	-2.45%													
				2495	40.29	39.14	2.93%	1.82	1.85	-1.39%	11/5/2024	D2600V2 SN: 1036	4/11/2025	20.0	5.860	58.600	55.400	**5.78%**	2.680	26.800	24.900	7.63%	46
				2690	39.94	38.90	2.68%	1.99	2.06	-3.42%													
SAR 17	11/7/2024	Head	750	750	38.96	41.96	-7.15%	0.85	0.89	-5.05%													
				660	39.31	42.42	-7.34%	0.82	0.89	-7.79%	11/7/2024	D750V3 SN: 1019	4/13/2025	20.0	0.791	7.910	8.510	**-7.05%**	0.531	5.310	5.590	-5.01%	47
				800	38.79	41.71	-6.99%	0.86	0.90	-3.57%													
SAR 17	11/13/2024	Head	750	750	39.42	41.96	-6.06%	0.87	0.89	-2.58%													
				660	39.71	42.42	-6.40%	0.84	0.89	-5.21%	11/13/2024	D750V3 SN: 1071	11/6/2025	20.0	0.857	8.570	8.490	**0.94%**	0.572	5.720	5.570	2.69%	48
				800	39.26	41.71	-5.86%	0.89	0.90	-0.77%													
SAR 17	11/13/2024	Head	835	835	39.12	41.50	-5.73%	0.90	0.90	0.00%													
				805	39.23	41.68	-5.88%	0.89	0.90	-0.81%	11/13/2024	D835V2 SN: 4d002	11/6/2025	20.0	1.050	10.500	9.690	**8.36%**	0.693	6.930	6.330	9.48%	49
				850	39.09	41.50	-5.81%	0.90	0.92	-1.64%													
SAR 17	11/14/2024	Head	2600	2600	36.88	39.01	-5.46%	1.82	1.96	-7.30%													
				2495	37.00	39.14	-5.48%	1.73	1.85	-6.42%	11/14/2024	D2600V2 SN: 1036	4/11/2025	20.0	5.280	52.800	55.400	-4.69%	2.430	24.300	24.900	-2.41%	
				2690	36.76	38.90	-5.49%	1.90	2.06	-7.94%													
SAR 17	11/20/2024	Head	835	835	42.06	41.50	1.35%	0.88	0.90	-2.10%													
				805	41.95	41.68	0.65%	0.87	0.90	-3.18%	11/20/2024	D835V2 SN: 4d002	11/6/2025	20.0	1.020	10.200	9.690	5.26%	0.680	6.800	6.330	7.42%	
				850	41.90	41.50	0.96%	0.89	0.92	-3.16%													
SAR 17	12/5/2024	Head	2600	2600	38.44	39.01	-1.46%	1.92	1.96	-2.05%													
				2495	38.60	39.14	-1.39%	1.84	1.85	-0.52%	12/5/2024	D2600V2 SN: 1036	4/11/2025	20.0	5.650	56.500	55.400	1.99%	2.580	25.800	24.900	3.61%	
				2690	38.27	38.90	-1.61%	1.99	2.06	-3.23%													

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9. Conducted Output Power Measurements

The test samples provided in this project are representative of the units that will be sold.

The device supports two power modes for both standalone and simultaneous, Mode A (OBD:0) and Mode B (OBD:1). 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/Extremity configuration by the user. Power was measured in accordance with the device's two power modes for standalone for each antenna. Power was not measured for simultaneous. However, measured power from standalone will be used for simultaneous in the calculation of reported SAR for simultaneous in §10.

Cellular static SAR assessment will be performed according to published FCC guidance at the cellular standalone power level. Conducted power measurements and SAR measurements will not be performed at the simultaneous ($PCell_{on}$_Wi-Fi_{on}) power level. Reported SAR from the cellular standalone assessment will be scaled down to the declared cellular simultaneous maximum output power. Algebraic simultaneous evaluation will be performed using the cellular simultaneous scaled results.

For WWAN conducted output power, there are 4 different power states:

- Power State 1 (standalone power level): $CELL_{ON}$ | Wi-Fi_{OFF} - Mode A (OBD:0 as defined in Section 6)
- Power State 1 (standalone power level): $CELL_{ON}$ | Wi-Fi_{OFF} - Mode B (OBD:1 as defined in Section 6)
- Power State 2 (simultaneous power level): $CELL_{ON}$ | Wi-Fi_{ON} - Mode A (OBD:0 as defined in Section 6)
- Power State 2 (simultaneous power level): $CELL_{ON}$ | Wi-Fi_{ON} - Mode B (OBD:1 as defined in Section 6)

For 2.4/5 GHz bands, there are 4 different power states:

- Power State 1 ($CELL_{OFF}$ | Wi-Fi_{ON}) - Mode A (OBD:0 as defined in Section 6)
- Power State 1 ($CELL_{OFF}$ | Wi-Fi_{ON}) - Mode B (OBD:1 as defined in Section 6)
- Power State 2 ($CELL_{ON}$ | Wi-Fi_{ON}) - Mode A (OBD:0 as defined in Section 6)
- Power State 2 ($CELL_{ON}$ | Wi-Fi_{ON}) - Mode B (OBD:1 as defined in Section 6)

For Bluetooth, there are 3 use cases:

- Bluetooth P_{low} is used when both Wi-Fi and WWAN antennas are active.
- Bluetooth P_{high} is used when Wi-Fi antenna is active and WWAN antenna is inactive or with Wi-Fi inactive and WWAN antenna is active. P_{High} power state occurs during WWAN Power State 1 and Wi-Fi Power State 1.
- Bluetooth $P_{standalone}$ is used when Wi-Fi and WWAN antennas are inactive.

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.

Additionally, two different powers are being displayed in this section:

- Target Output Power/$P_{Limit, nom}$ = Power not including uncertainty
- Maximum Output Power/Max Power/P_{Limit} = Power of target + uncertainty.

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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.

SAR is not required for EDGE (8PSK) Mode B 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.

Maximum Output Power for GSM

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	32.5	32.5				
	GPRS 2 slots	32.5	32.5	29.5	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	28.7	29.5	29.5	31.5	30.8	28.0	28.0
	GPRS 2 slots	31.0	25.7	27.0	27.3	30.5	27.8	25.8	27.7
	EGPRS 1 slot	27.0	27.0	24.5	24.5	26.5	26.5	24.0	24.0
	EGPRS 2 slots	26.0	25.7	23.5	23.5	25.5	25.5	23.0	23.0

Simultaneous Maximum Output Power for GSM

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	31.7	32.5				
	GPRS 2 slots	32.5	32.5	28.7	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	27.9	29.5	29.5	31.5	30.0	28.0	28.0
	GPRS 2 slots	31.0	24.9	26.2	26.5	30.5	27.0	25.0	26.9
	EGPRS 1 slot	27.0	27.0	24.5	24.5	26.5	26.5	24.0	24.0
	EGPRS 2 slots	26.0	24.9	23.5	23.5	25.5	25.5	23.0	23.0

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GSM850 Measured Results (ANT1, Power State 1)

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	32.2	23.2	33.5	24.5	32.2	23.2	33.5	24.5
			190	836.6	32.4	23.4			32.4	23.4		
			251	848.8	32.3	23.3			32.3	23.3		
		2	128	824.2	31.3	25.3	32.5	**26.5**	31.3	25.3	32.5	**26.5**
			190	836.6	31.6	25.6			31.6	25.6		
			251	848.8	31.4	25.4			31.4	25.4		
EDGE (8PSK)	MCS5	1	128	824.2	27.6	18.6	28.0	19.0	27.6	18.6	28.0	19.0
			190	836.6	27.6	18.6			27.6	18.6		
			251	848.8	27.5	18.5			27.5	18.5		
		2	128	824.2	26.6	20.6	27.0	21.0	26.6	20.6	27.0	21.0
			190	836.6	26.6	20.6			26.6	20.6		
			251	848.8	26.5	20.5			26.5	20.5		

Notes:

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

GSM850 Measured Results (ANT2, Power State 1)

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	30.6	21.5	32.5	23.5	31.7	22.7	32.5	23.5
			190	836.6	30.5	21.5			31.6	22.6		
			251	848.8	30.5	21.5			31.6	22.6		
		2	128	824.2	28.7	22.7	29.5	**23.5**	30.7	24.7	31.5	**25.5**
			190	836.6	28.6	22.6			30.6	24.6		
			251	848.8	28.7	22.7			30.5	24.5		
EDGE (8PSK)	MCS5	1	128	824.2	26.4	17.4	27.0	18.0	26.4	17.4	27.0	18.0
			190	836.6	26.4	17.4			26.4	17.4		
			251	848.8	26.3	17.3			26.3	17.3		
		2	128	824.2	25.5	19.5	26.0	20.0	25.5	19.5	26.0	20.0
			190	836.6	25.5	19.4			25.5	19.4		
			251	848.8	25.4	19.4			25.4	19.4		

Notes:

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

GSM1900 Measured Results (ANT1, Power State 1)

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	31.4	22.4	32.0	23.0	27.1	18.1	28.7	19.7
			661	1880.0	31.3	22.3			27.1	18.1		
			810	1909.8	31.0	22.0			27.0	18.0		
		2	512	1850.2	30.3	21.3	31.0	**25.0**	24.7	15.7	25.7	**19.7**
			661	1880.0	30.4	21.4			24.7	15.7		
			810	1909.8	30.2	21.2			24.5	15.5		
EDGE (8PSK)	MCS5	1	512	1850.2	26.5	17.5	27.0	18.0	26.9	17.9	27.0	18.0
			661	1880.0	26.3	17.3			26.7	17.6		
			810	1909.8	26.3	17.2			26.6	17.6		
		2	512	1850.2	25.6	19.5	26.0	20.0	24.6	18.6	25.7	19.7
			661	1880.0	25.4	19.3			24.6	18.6		
			810	1909.8	25.3	19.2			24.5	18.5		

Notes:

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

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GSM1900 Measured Results (ANT2, Power State 1)

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	28.8	19.7	29.5	20.5	29.1	20.1	29.5	20.5
			661	1880.0	28.8	19.7			29.1	20.0		
			810	1909.8	28.7	19.7			29.0	20.0		
		2	512	1850.2	25.9	19.9	27.0	**21.0**	26.3	20.3	27.3	**21.3**
			661	1880.0	25.8	19.8			26.1	20.1		
			810	1909.8	25.8	19.8			26.1	20.1		
EDGE (8PSK)	MCS5	1	512	1850.2	23.7	14.7	24.5	15.5	23.7	14.7	24.5	15.5
			661	1880.0	23.7	14.6			23.7	14.6		
			810	1909.8	23.6	14.6			23.6	14.6		
		2	512	1850.2	22.7	16.7	23.5	17.5	22.7	16.7	23.5	17.5
			661	1880.0	22.6	16.6			22.6	16.6		
			810	1909.8	22.6	16.6			22.6	16.6		

Notes:

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

GSM1900 Measured Results (ANT3, Power State 1)

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	30.8	21.8	31.5	22.5	29.3	20.2	30.8	21.8
			661	1880.0	30.8	21.8			29.3	20.3		
			810	1909.8	30.6	21.6			29.2	20.2		
		2	512	1850.2	29.9	20.9	30.5	**24.5**	27.2	18.2	27.8	**21.8**
			661	1880.0	29.9	20.9			27.3	18.3		
			810	1909.8	29.7	20.7			27.1	18.1		
EDGE (8PSK)	MCS5	1	512	1850.2	25.7	16.7	26.5	17.5	25.7	16.7	26.5	17.5
			661	1880.0	25.7	16.7			25.7	16.7		
			810	1909.8	25.6	16.6			25.6	16.6		
		2	512	1850.2	24.8	18.8	25.5	19.5	24.8	18.8	25.5	19.5
			661	1880.0	24.8	18.8			24.8	18.8		
			810	1909.8	24.7	18.7			24.7	18.7		

Notes:

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

GSM1900 Measured Results (ANT4, Power State 1)

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	27.4	18.3	28.8	19.8	28.7	19.7	28.8	19.8
			661	1880.0	27.4	18.3			28.7	19.7		
			810	1909.8	27.4	18.3			28.7	19.7		
		2	512	1850.2	25.0	19.0	25.8	**19.8**	26.4	20.4	27.7	**21.7**
			661	1880.0	25.0	18.9			26.3	20.3		
			810	1909.8	24.9	18.9			26.2	20.2		
EDGE (8PSK)	MCS5	1	512	1850.2	22.7	13.7	24.0	15.0	22.7	13.7	24.0	15.0
			661	1880.0	22.7	13.6			22.7	13.6		
			810	1909.8	22.6	13.6			22.6	13.6		
		2	512	1850.2	22.3	16.2	23.0	17.0	22.3	16.2	23.0	17.0
			661	1880.0	22.3	16.3			22.3	16.3		
			810	1909.8	22.2	16.2			22.2	16.2		

Notes:

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

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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

SAR measurement is not required for the HSDPA, HSUPA, 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

Maximum Output Power for W-CDMA

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	25.7	19.7	21.0	21.3	24.5	21.8	20.0	21.6
	HSDPA	25.7	19.7	21.0	21.3	24.5	21.8	20.0	21.6
	HSUPA	25.7	19.7	21.0	21.3	24.5	21.8	20.0	21.6
	HSPA +	25.7	19.7	21.0	21.3	24.5	21.8	20.0	21.6
W-CDMA Band 4	R99	25.2	19.6	19.3	19.0	24.2	22.3	19.8	21.7
	HSDPA	25.2	19.6	19.3	19.0	24.2	22.3	19.8	21.7
	HSUPA	25.2	19.6	19.3	19.0	24.2	22.3	19.8	21.7
	HSPA +	25.2	19.6	19.3	19.0	24.2	22.3	19.8	21.7
W-CDMA Band 5	R99	25.7	25.7	23.5	24.7				
	HSDPA	25.7	25.7	23.5	24.7				
	HSUPA	25.7	25.7	23.5	24.7				
	HSPA +	25.7	25.7	23.5	24.7				

Simultaneous Output Power for W-CDMA

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	25.0	18.9	20.2	20.5	23.7	21.0	19.2	20.8
	HSDPA	25.0	18.9	20.2	20.5	23.7	21.0	19.2	20.8
	HSUPA	25.0	18.9	20.2	20.5	23.7	21.0	19.2	20.8
	HSPA +	25.0	18.9	20.2	20.5	23.7	21.0	19.2	20.8
W-CDMA Band 4	R99	24.4	18.8	18.5	18.2	23.4	21.5	19.0	20.9
	HSDPA	24.4	18.8	18.5	18.2	23.4	21.5	19.0	20.9
	HSUPA	24.4	18.8	18.5	18.2	23.4	21.5	19.0	20.9
	HSPA +	24.4	18.8	18.5	18.2	23.4	21.5	19.0	20.9
W-CDMA Band 5	R99	25.7	25.7	22.7	24.7				
	HSDPA	25.7	25.7	22.7	24.7				
	HSUPA	25.7	25.7	22.7	24.7				
	HSPA +	25.7	25.7	22.7	24.7				

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W-CDMA Band 2 Measured Results (ANT1, Power State 1)

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	25.3	N/A	25.7	18.1	N/A	19.7
		9400	1880.0	25.3			18.0		
		9538	1907.6	25.2			17.9		
HSDPA	Subtest 1	9262	1852.4	25.7	0	25.7	19.1	0	19.7
		9400	1880.0	25.7			19.1		
		9538	1907.6	25.6			19.0		
	Subtest 2	9262	1852.4	25.4	0	25.7	18.4	0	19.7
		9400	1880.0	25.4			18.3		
		9538	1907.6	25.3			18.3		
	Subtest 3	9262	1852.4	25.2	0.5	25.2	18.3	0.5	19.2
		9400	1880.0	25.1			18.3		
		9538	1907.6	25.0			18.2		
	Subtest 4	9262	1852.4	25.0	0.5	25.2	18.3	0.5	19.2
		9400	1880.0	24.9			18.3		
		9538	1907.6	24.8			18.3		
HSUPA	Subtest 1	9262	1852.4	25.6	0	25.7	18.8	0	19.7
		9400	1880.0	24.0			18.7		
		9538	1907.6	24.0			18.7		
	Subtest 2	9262	1852.4	23.4	2	23.7	16.8	2	17.7
		9400	1880.0	23.4			16.7		
		9538	1907.6	23.4			16.7		
	Subtest 3	9262	1852.4	24.5	1	24.7	17.5	1	18.7
		9400	1880.0	24.4			17.5		
		9538	1907.6	24.3			17.5		
	Subtest 4	9262	1852.4	23.6	2	23.7	17.0	2	17.7
		9400	1880.0	23.6			17.0		
		9538	1907.6	23.6			17.0		
	Subtest 5	9262	1852.4	25.6	0	25.7	18.8	0	19.7
		9400	1880.0	25.5			18.7		
		9538	1907.6	25.4			18.7		
HSPA+	Subtest 1	9262	1852.4	22.6	2.5	23.2	16.1	2.5	17.2
		9400	1880.0	22.6			16.0		
		9538	1907.6	22.6			16.0		

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W-CDMA Band 2 Measured Results (ANT2, Power State 1)

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	20.0	N/A	21.0	20.0	N/A	21.3
		9400	1880.0	19.9			19.9		
		9538	1907.6	19.9			19.9		
HSDPA	Subtest 1	9262	1852.4	20.6	0	21.0	20.8	0	21.3
		9400	1880.0	20.4			20.5		
		9538	1907.6	20.5			20.6		
	Subtest 2	9262	1852.4	20.2	0	21.0	20.0	0	21.3
		9400	1880.0	20.0			19.9		
		9538	1907.6	20.0			19.9		
	Subtest 3	9262	1852.4	19.8	0.5	20.5	20.0	0.5	20.8
		9400	1880.0	19.8			19.9		
		9538	1907.6	19.7			19.9		
	Subtest 4	9262	1852.4	19.7	0.5	20.5	20.1	0.5	20.8
		9400	1880.0	19.5			20.0		
		9538	1907.6	19.4			19.9		
HSUPA	Subtest 1	9262	1852.4	20.2	0	21.0	20.5	0	21.3
		9400	1880.0	20.1			20.5		
		9538	1907.6	20.1			20.4		
	Subtest 2	9262	1852.4	18.1	2	19.0	18.5	2	19.3
		9400	1880.0	18.0			18.4		
		9538	1907.6	18.0			18.3		
	Subtest 3	9262	1852.4	18.8	1	20.0	19.4	1	20.3
		9400	1880.0	18.8			19.1		
		9538	1907.6	18.8			19.1		
	Subtest 4	9262	1852.4	18.3	2	19.0	18.6	2	19.3
		9400	1880.0	18.3			18.6		
		9538	1907.6	18.3			18.6		
	Subtest 5	9262	1852.4	20.4	0	21.0	20.8	0	21.3
		9400	1880.0	20.4			20.7		
		9538	1907.6	20.4			20.7		
HSPA+	Subtest 1	9262	1852.4	17.9	2.5	18.5	18.3	2.5	18.8
		9400	1880.0	17.9			18.2		
		9538	1907.6	17.9			18.2		

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W-CDMA Band 2 Measured Results (ANT3, Power State 1)

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	23.6	N/A	24.5	20.9	N/A	21.8
		9400	1880.0	23.7			21.0		
		9538	1907.6	23.7			21.0		
HSDPA	Subtest 1	9262	1852.4	24.0	0	24.5	21.1	0	21.8
		9400	1880.0	24.1			21.2		
		9538	1907.6	24.0			21.1		
	Subtest 2	9262	1852.4	23.5	0	24.5	20.7	0	21.8
		9400	1880.0	23.7			20.9		
		9538	1907.6	23.6			20.8		
	Subtest 3	9262	1852.4	23.3	0.5	24.0	20.5	0.5	21.3
		9400	1880.0	23.3			20.6		
		9538	1907.6	23.3			20.5		
	Subtest 4	9262	1852.4	23.0	0.5	24.0	20.3	0.5	21.3
		9400	1880.0	23.0			20.4		
		9538	1907.6	23.0			20.2		
HSUPA	Subtest 1	9262	1852.4	23.4	0	24.5	20.8	0	21.8
		9400	1880.0	23.4			20.6		
		9538	1907.6	23.3			20.5		
	Subtest 2	9262	1852.4	21.5	2	22.5	18.8	2	19.8
		9400	1880.0	21.7			18.9		
		9538	1907.6	21.6			18.8		
	Subtest 3	9262	1852.4	22.3	1	23.5	19.9	1	20.8
		9400	1880.0	22.7			20.0		
		9538	1907.6	22.6			19.9		
	Subtest 4	9262	1852.4	21.8	2	22.5	19.2	2	19.8
		9400	1880.0	22.0			19.3		
		9538	1907.6	21.9			19.1		
	Subtest 5	9262	1852.4	23.7	0	24.5	20.9	0	21.8
		9400	1880.0	23.8			21.0		
		9538	1907.6	23.8			20.9		
HSPA+	Subtest 1	9262	1852.4	20.1	2.5	22.0	17.6	2.5	19.3
		9400	1880.0	20.1			17.6		
		9538	1907.6	20.1			17.6		

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W-CDMA Band 2 Measured Results (ANT4, Power State 1)

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	19.1	N/A	20.0	20.4	N/A	21.6
		9400	1880.0	19.1			20.4		
		9538	1907.6	19.0			20.4		
HSDPA	Subtest 1	9262	1852.4	19.0	0	20.0	20.3	0	21.6
		9400	1880.0	19.1			20.3		
		9538	1907.6	19.0			20.3		
	Subtest 2	9262	1852.4	18.6	0	20.0	20.0	0	21.6
		9400	1880.0	18.6			20.0		
		9538	1907.6	18.6			19.9		
	Subtest 3	9262	1852.4	18.2	0.5	19.5	19.7	0.5	21.1
		9400	1880.0	18.3			19.7		
		9538	1907.6	18.3			19.6		
	Subtest 4	9262	1852.4	18.0	0.5	19.5	19.4	0.5	21.1
		9400	1880.0	18.0			19.4		
		9538	1907.6	18.0			19.4		
HSUPA	Subtest 1	9262	1852.4	18.6	0	20.0	20.0	0	21.6
		9400	1880.0	18.6			20.0		
		9538	1907.6	18.6			19.9		
	Subtest 2	9262	1852.4	16.5	2	18.0	17.9	2	19.6
		9400	1880.0	16.6			18.0		
		9538	1907.6	16.5			17.9		
	Subtest 3	9262	1852.4	17.3	1	19.0	18.9	1	20.6
		9400	1880.0	17.4			18.7		
		9538	1907.6	17.3			18.6		
	Subtest 4	9262	1852.4	16.8	2	18.0	18.2	2	19.6
		9400	1880.0	16.9			18.2		
		9538	1907.6	16.8			18.1		
	Subtest 5	9262	1852.4	18.6	0	20.0	20.0	0	21.6
		9400	1880.0	18.6			20.0		
		9538	1907.6	18.5			19.9		
HSPA+	Subtest 1	9262	1852.4	17.0	2.5	17.5	18.6	2.5	19.1
		9400	1880.0	17.1			18.5		
		9538	1907.6	17.0			18.5		

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W-CDMA Band 4 Measured Results (ANT1, Power State 1)

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	24.6	N/A	25.2	19.5	N/A	19.6
		1413	1732.6	24.6			19.4		
		1513	1752.6	24.5			19.3		
HSDPA	Subtest 1	1312	1712.4	24.6	0	25.2	19.5	0	19.6
		1413	1732.6	24.5			19.4		
		1513	1752.6	24.3			19.2		
	Subtest 2	1312	1712.4	24.2	0	25.2	19.2	0	19.6
		1413	1732.6	24.2			19.1		
		1513	1752.6	24.0			19.0		
	Subtest 3	1312	1712.4	23.9	0.5	24.7	18.9	0.5	19.1
		1413	1732.6	23.9			18.8		
		1513	1752.6	23.7			18.7		
	Subtest 4	1312	1712.4	23.7	0.5	24.7	18.6	0.5	19.1
		1413	1732.6	23.7			18.6		
		1513	1752.6	23.5			18.5		
HSUPA	Subtest 1	1312	1712.4	23.2	0	25.2	19.1	0	19.6
		1413	1732.6	23.8			19.1		
		1513	1752.6	23.6			19.0		
	Subtest 2	1312	1712.4	22.2	2	23.2	17.1	2	17.6
		1413	1732.6	22.2			17.1		
		1513	1752.6	22.0			17.0		
	Subtest 3	1312	1712.4	23.2	1	24.2	18.1	1	18.6
		1413	1732.6	23.1			18.0		
		1513	1752.6	23.0			18.0		
	Subtest 4	1312	1712.4	22.5	2	23.2	17.4	2	17.6
		1413	1732.6	22.4			17.3		
		1513	1752.6	22.2			17.2		
	Subtest 5	1312	1712.4	24.2	0	25.2	19.1	0	19.6
		1413	1732.6	24.2			19.1		
		1513	1752.6	24.1			19.0		
HSPA+	Subtest 1	1312	1712.4	21.2	2.5	22.7	16.8	2.5	17.1
		1413	1732.6	21.2			16.9		
		1513	1752.6	21.2			16.9		

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W-CDMA Band 4 Measured Results (ANT2, Power State 1)

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	19.2	N/A	19.3	17.9	N/A	19.0
		1413	1732.6	19.0			17.8		
		1513	1752.6	19.0			17.6		
HSDPA	Subtest 1	1312	1712.4	18.9	0	19.3	18.0	0	19.0
		1413	1732.6	18.9			17.9		
		1513	1752.6	19.0			18.0		
	Subtest 2	1312	1712.4	18.46	0	19.3	17.7	0	19.0
		1413	1732.6	18.5			17.6		
		1513	1752.6	18.6			17.8		
	Subtest 3	1312	1712.4	18.3	0.5	18.8	17.4	0.5	18.5
		1413	1732.6	18.2			17.4		
		1513	1752.6	18.3			17.4		
	Subtest 4	1312	1712.4	18.1	0.5	18.8	17.2	0.5	18.5
		1413	1732.6	18.0			17.1		
		1513	1752.6	18.1			17.2		
HSUPA	Subtest 1	1312	1712.4	18.6	0	19.3	17.7	0	19.0
		1413	1732.6	18.6			17.7		
		1513	1752.6	18.6			17.4		
	Subtest 2	1312	1712.4	16.5	2	17.3	15.7	2	17.0
		1413	1732.6	16.5			15.7		
		1513	1752.6	16.5			15.7		
	Subtest 3	1312	1712.4	17.2	1	18.3	16.7	1	18.0
		1413	1732.6	17.2			16.4		
		1513	1752.6	17.2			16.4		
	Subtest 4	1312	1712.4	16.8	2	17.3	16.0	2	17.0
		1413	1732.6	16.7			15.9		
		1513	1752.6	16.7			15.9		
	Subtest 5	1312	1712.4	18.6	0	19.3	17.7	0	19.0
		1413	1732.6	18.6			17.7		
		1513	1752.6	18.5			17.7		
HSPA+	Subtest 1	1312	1712.4	15.8	2.5	16.8	14.9	2.5	16.5
		1413	1732.6	15.8			14.9		
		1513	1752.6	15.8			14.9		

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W-CDMA Band 4 Measured Results (ANT3, Power State 1)

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	23.2	N/A	24.2	21.4	N/A	22.3
		1413	1732.6	23.2			21.3		
		1513	1752.6	23.1			21.3		
HSDPA	Subtest 1	1312	1712.4	23.5	0	24.2	21.7	0	22.3
		1413	1732.6	23.5			21.7		
		1513	1752.6	23.5			21.6		
	Subtest 2	1312	1712.4	23.2	0	24.2	21.4	0	22.3
		1413	1732.6	23.2			21.4		
		1513	1752.6	23.2			21.4		
	Subtest 3	1312	1712.4	22.9	0.5	23.7	21.1	0.5	21.8
		1413	1732.6	22.9			21.1		
		1513	1752.6	22.8			21.0		
	Subtest 4	1312	1712.4	22.6	0.5	23.7	20.9	0.5	21.8
		1413	1732.6	22.6			20.8		
		1513	1752.6	22.6			20.7		
HSUPA	Subtest 1	1312	1712.4	23.4	0	24.2	21.7	0	22.3
		1413	1732.6	23.5			21.8		
		1513	1752.6	23.3			21.6		
	Subtest 2	1312	1712.4	21.2	2	22.2	19.7	2	20.3
		1413	1732.6	21.3			19.7		
		1513	1752.6	21.1			19.5		
	Subtest 3	1312	1712.4	22.0	1	23.2	20.6	1	21.3
		1413	1732.6	22.2			20.8		
		1513	1752.6	21.9			20.5		
	Subtest 4	1312	1712.4	21.5	2	22.2	19.9	2	20.3
		1413	1732.6	21.6			20.0		
		1513	1752.6	21.4			19.8		
	Subtest 5	1312	1712.4	23.3	0	24.2	21.7	0	22.3
		1413	1732.6	23.4			21.7		
		1513	1752.6	23.2			21.5		
HSPA+	Subtest 1	1312	1712.4	20.3	2.5	21.7	18.6	2.5	19.8
		1413	1732.6	20.2			18.5		
		1513	1752.6	20.2			18.5		

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W-CDMA Band 4 Measured Results (ANT4, Power State 1)

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	18.6	N/A	19.8	20.2	N/A	21.7
		1413	1732.6	18.6			20.3		
		1513	1752.6	18.7			20.4		
HSDPA	Subtest 1	1312	1712.4	18.4	0	19.8	20.2	0	21.7
		1413	1732.6	18.6			20.3		
		1513	1752.6	18.6			20.4		
	Subtest 2	1312	1712.4	18.2	0	19.8	19.9	0	21.7
		1413	1732.6	18.3			20.0		
		1513	1752.6	18.3			20.0		
	Subtest 3	1312	1712.4	17.9	0.5	19.3	19.6	0.5	21.2
		1413	1732.6	18.0			19.7		
		1513	1752.6	18.0			19.7		
	Subtest 4	1312	1712.4	17.6	0.5	19.3	19.3	0.5	21.2
		1413	1732.6	17.7			19.4		
		1513	1752.6	17.7			19.4		
HSUPA	Subtest 1	1312	1712.4	18.1	0	19.8	19.8	0	21.7
		1413	1732.6	18.3			20.0		
		1513	1752.6	18.3			20.0		
	Subtest 2	1312	1712.4	16.0	2	17.8	17.9	2	19.7
		1413	1732.6	16.2			17.9		
		1513	1752.6	16.2			18.0		
	Subtest 3	1312	1712.4	17.1	1	18.8	18.7	1	20.7
		1413	1732.6	16.9			18.7		
		1513	1752.6	17.0			18.8		
	Subtest 4	1312	1712.4	16.3	2	17.8	18.1	2	19.7
		1413	1732.6	16.4			18.2		
		1513	1752.6	16.5			18.2		
	Subtest 5	1312	1712.4	18.1	0	19.8	19.9	0	21.7
		1413	1732.6	18.3			20.0		
		1513	1752.6	18.3			20.0		
HSPA+	Subtest 1	1312	1712.4	15.8	2.5	17.3	17.5	2.5	19.2
		1413	1732.6	15.8			17.5		
		1513	1752.6	15.8			17.5		

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W-CDMA Band 5 Measured Results (ANT1, Power State 1)

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	25.1	N/A	25.7	25.1	N/A	25.7
		4183	836.6	25.2			25.2		
		4233	846.6	25.3			25.3		
HSDPA	Subtest 1	4132	826.4	25.7	0	25.7	25.7	0	25.7
		4183	836.6	25.7			25.7		
		4233	846.6	25.6			25.6		
	Subtest 2	4132	826.4	25.3	0	25.7	25.3	0	25.7
		4183	836.6	25.3			25.3		
		4233	846.6	25.4			25.4		
	Subtest 3	4132	826.4	25.1	0.5	25.2	25.1	0.5	25.2
		4183	836.6	25.1			25.1		
		4233	846.6	25.2			25.2		
	Subtest 4	4132	826.4	24.9	0.5	25.2	24.9	0.5	25.2
		4183	836.6	24.7			24.7		
		4233	846.6	24.8			24.8		
HSUPA	Subtest 1	4132	826.4	24.2	0	25.7	24.2	0	25.7
		4183	836.6	24.3			24.3		
		4233	846.6	24.0			24.0		
	Subtest 2	4132	826.4	23.4	2	23.7	23.4	2	23.7
		4183	836.6	23.4			23.4		
		4233	846.6	23.4			23.4		
	Subtest 3	4132	826.4	24.3	1	24.7	24.3	1	24.7
		4183	836.6	24.4			24.4		
		4233	846.6	24.4			24.4		
	Subtest 4	4132	826.4	23.6	2	23.7	23.6	2	23.7
		4183	836.6	23.6			23.6		
		4233	846.6	23.6			23.6		
	Subtest 5	4132	826.4	25.4	0	25.7	25.4	0	25.7
		4183	836.6	25.5			25.5		
		4233	846.6	25.4			25.4		
HSPA+	Subtest 1	4132	826.4	22.4	2.5	23.2	22.4	2.5	23.2
		4183	836.6	22.4			22.4		
		4233	846.6	22.3			22.3		

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W-CDMA Band 5 Measured Results (ANT2, Power State 1)

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	22.5	N/A	23.5	24.0	N/A	24.7
		4183	836.6	22.6			24.0		
		4233	846.6	22.4			24.0		
HSDPA	Subtest 1	4132	826.4	22.1	0	23.5	24.3	0	24.7
		4183	836.6	22.1			24.3		
		4233	846.6	22.0			24.1		
	Subtest 2	4132	826.4	22.1	0	23.5	23.8	0	24.7
		4183	836.6	22.1			23.7		
		4233	846.6	22.0			23.6		
	Subtest 3	4132	826.4	22.1	0.5	23.0	23.7	0.5	24.2
		4183	836.6	22.1			23.6		
		4233	846.6	22.1			23.5		
	Subtest 4	4132	826.4	22.1	0.5	23.0	23.2	0.5	24.2
		4183	836.6	22.1			23.2		
		4233	846.6	22.0			23.0		
HSUPA	Subtest 1	4132	826.4	22.5	0	23.5	23.8	0	24.7
		4183	836.6	22.4			23.5		
		4233	846.6	22.3			23.4		
	Subtest 2	4132	826.4	20.4	2	21.5	22.0	2	22.7
		4183	836.6	20.4			21.9		
		4233	846.6	20.2			21.8		
	Subtest 3	4132	826.4	21.1	1	22.5	22.9	1	23.7
		4183	836.6	21.1			22.9		
		4233	846.6	21.1			22.8		
	Subtest 4	4132	826.4	20.7	2	21.5	22.2	2	22.7
		4183	836.6	20.6			22.2		
		4233	846.6	20.6			22.1		
	Subtest 5	4132	826.4	22.5	0	23.5	24.0	0	24.7
		4183	836.6	22.4			24.0		
		4233	846.6	22.3			23.9		
HSPA+	Subtest 1	4132	826.4	20.2	2.5	21.0	21.7	2.5	22.2
		4183	836.6	20.3			21.7		
		4233	846.6	20.1			21.6		

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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

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.

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Maximum Output Power for LTE

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	25.7	19.7	21.0	21.3	24.5	21.8	19.8	21.7
LTE Band 4	QPSK	25.7	19.6	20.0	19.4	24.2	22.1	20.0	21.8
LTE Band 5	QPSK	25.7	25.7	23.5	24.7				
LTE Band 7	QPSK	25.7	21.0	17.8	18.9	23.1	21.1	21.5	21.2
LTE Band 12	QPSK	25.7	25.7	24.7	24.7				
LTE Band 13	QPSK	25.7	25.7	23.7	24.7				
LTE Band 14	QPSK	25.7	25.7	23.7	24.7				
LTE Band 17	QPSK	25.7	25.7	24.7	24.7				
LTE Band 25	QPSK	25.7	19.7	21.0	21.3	24.5	21.8	19.8	21.7
LTE Band 26	QPSK	25.7	25.7	23.5	24.7				
LTE Band 30	QPSK	25.7	22.9	20.4	19.2	24.0	22.3	20.4	19.9
LTE Band 41 (PC3)	QPSK	25.7	23.9	20.3	21.2	25.7	23.4	24.4	24.7
LTE Band 41 (PC2)	QPSK	28.7	23.9	20.3	21.2	27.3	23.4	24.4	24.7
LTE Band 53	QPSK	20.7	20.7	20.3	20.7				
LTE Band 66	QPSK	25.7	19.6	20.0	19.4	24.2	22.1	20.0	21.8
LTE Band 71	QPSK	25.7	25.7	24.7	24.7				
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	25.6	24.0	25.7	22.3	23.7	21.5	20.5	22.4

Simultaneous Maximum Output Power for LTE

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	25.1	18.9	20.2	20.5	23.7	21.0	19.0	20.9
LTE Band 4	QPSK	25.7	18.8	19.2	18.6	23.4	21.3	19.2	21.0
LTE Band 5	QPSK	25.7	25.7	22.7	24.7				
LTE Band 7	QPSK	25.6	20.2	17.0	18.1	22.3	20.3	20.7	20.4
LTE Band 12	QPSK	25.7	25.7	24.4	24.7				
LTE Band 13	QPSK	25.7	25.7	22.9	24.7				
LTE Band 14	QPSK	25.7	25.7	22.9	24.7				
LTE Band 17	QPSK	25.7	25.7	24.4	24.7				
LTE Band 25	QPSK	25.1	18.9	20.2	20.5	23.7	21.0	19.0	20.9
LTE Band 26	QPSK	25.7	25.7	22.7	24.7				
LTE Band 30	QPSK	25.7	22.1	19.6	18.4	23.2	21.5	19.6	19.1
LTE Band 41 (PC3)	QPSK	25.7	23.1	19.5	20.4	25.7	22.6	23.6	23.9
LTE Band 41 (PC2)	QPSK	28.7	23.1	19.5	20.4	27.3	22.6	23.6	23.9
LTE Band 53	QPSK	20.7	20.7	19.5	20.4				
LTE Band 66	QPSK	25.7	18.8	19.2	18.6	23.4	21.3	19.2	21.0
LTE Band 71	QPSK	25.7	25.7	24.7	24.7				
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	25.6	23.2	25.7	21.5	23.4	20.7	19.7	21.6

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LTE Band 5 Measured Results (ANT1, Power State 1)

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	25.0	0	25.7	25.0	0	25.7
		1	25	25.1	0	25.7	25.1	0	25.7
		1	49	24.9	0	25.7	24.9	0	25.7
		25	0	24.3	1	24.7	24.3	1	24.7
		25	12	24.3	1	24.7	24.3	1	24.7
		25	25	24.3	1	24.7	24.3	1	24.7
		50	0	24.4	1	24.7	24.4	1	24.7
	16QAM	1	0	24.2	1	24.7	24.2	1	24.7
		1	25	24.2	1	24.7	24.2	1	24.7
		1	49	24.1	1	24.7	24.1	1	24.7
		25	0	23.4	2	23.7	23.4	2	23.7
		25	12	23.4	2	23.7	23.4	2	23.7
		25	25	23.3	2	23.7	23.3	2	23.7
		50	0	23.4	2	23.7	23.4	2	23.7
	64QAM	1	0	23.2	2	23.7	23.2	2	23.7
		1	25	23.0	2	23.7	23.0	2	23.7
		1	49	23.0	2	23.7	23.0	2	23.7
		25	0	22.4	3	22.7	22.4	3	22.7
		25	12	22.4	3	22.7	22.4	3	22.7
		25	25	22.3	3	22.7	22.3	3	22.7
		50	0	22.4	3	22.7	22.4	3	22.7
	256QAM	1	0	20.2	5	20.7	20.2	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	20.4	5	20.7	20.4	5	20.7
		25	12	20.4	5	20.7	20.4	5	20.7
		25	25	20.3	5	20.7	20.3	5	20.7
		50	0	20.4	5	20.7	20.4	5	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)				Mode B Power (dBm)			
				20425	20525	20625	MPR	20425	20525	20625	MPR
				826.5 MHz	836.5 MHz	846.5 MHz		826.5 MHz	836.5 MHz	846.5 MHz	
5	QPSK	1	0	24.9	25.0	25.0	0	24.9	25.0	25.0	0
		1	12	24.8	24.9	24.9	0	24.8	24.9	24.9	0
		1	24	24.9	24.8	24.9	0	24.9	24.8	24.9	0
		12	0	24.3	24.4	24.4	1	24.3	24.4	24.4	1
		12	7	24.3	24.4	24.4	1	24.3	24.4	24.4	1
		12	13	24.3	24.4	24.4	1	24.3	24.4	24.4	1
		25	0	24.3	24.4	24.4	1	24.3	24.4	24.4	1
	16QAM	1	0	24.1	24.2	24.4	1	24.1	24.2	24.4	1
		1	12	24.2	24.2	24.3	1	24.2	24.2	24.3	1
		1	24	24.2	24.2	24.2	1	24.2	24.2	24.2	1
		12	0	23.3	23.4	23.3	2	23.3	23.4	23.3	2
		12	7	23.3	23.4	23.3	2	23.3	23.4	23.3	2
		12	13	23.3	23.4	23.4	2	23.3	23.4	23.4	2
		25	0	23.3	23.4	23.3	2	23.3	23.4	23.3	2
	64QAM	1	0	23.0	23.1	23.1	2	23.0	23.1	23.1	2
		1	12	23.0	23.0	23.1	2	23.0	23.0	23.1	2
		1	24	23.1	23.0	23.0	2	23.1	23.0	23.0	2
		12	0	22.3	22.4	22.4	3	22.3	22.4	22.4	3
		12	7	22.3	22.3	22.3	3	22.3	22.3	22.3	3
		12	13	22.3	22.3	22.4	3	22.3	22.3	22.4	3
		25	0	22.3	22.4	22.3	3	22.3	22.4	22.3	3
	256QAM	1	0	19.9	20.0	20.1	5	19.9	20.0	20.1	5
		1	12	20.0	19.9	20.1	5	20.0	19.9	20.1	5
		1	24	20.0	20.0	20.0	5	20.0	20.0	20.0	5
		12	0	20.3	20.4	20.3	5	20.3	20.4	20.3	5
		12	7	20.3	20.4	20.3	5	20.3	20.4	20.3	5
		12	13	20.3	20.3	20.4	5	20.3	20.3	20.4	5
		25	0	20.3	20.4	20.3	5	20.3	20.4	20.3	5

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LTE Band 5 Measured Results (ANT1, Power State 1) (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	24.8	24.7	0	25.7	24.7	24.8	24.7	0	25.7
		1	8	24.9	24.9	24.9	0	25.7	24.9	24.9	24.9	0	25.7
		1	14	24.7	24.7	24.7	0	25.7	24.7	24.7	24.7	0	25.7
		8	0	24.3	24.3	24.3	1	24.7	24.3	24.3	24.3	1	24.7
		8	4	24.4	24.3	24.3	1	24.7	24.4	24.3	24.3	1	24.7
		8	7	24.3	24.3	24.3	1	24.7	24.3	24.3	24.3	1	24.7
		15	0	24.3	24.3	24.3	1	24.7	24.3	24.3	24.3	1	24.7
	16QAM	1	0	24.0	24.0	23.9	1	24.7	24.0	24.0	23.9	1	24.7
		1	8	24.2	24.1	24.2	1	24.7	24.2	24.1	24.2	1	24.7
		1	14	24.1	23.9	24.0	1	24.7	24.1	23.9	24.0	1	24.7
		8	0	23.3	23.2	23.3	2	23.7	23.3	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	23.4	23.2	23.3	2	23.7	23.4	23.2	23.3	2	23.7
		15	0	23.3	23.2	23.3	2	23.7	23.3	23.2	23.3	2	23.7
	64QAM	1	0	22.9	22.8	22.9	2	23.7	22.9	22.8	22.9	2	23.7
		1	8	23.1	23.0	23.1	2	23.7	23.1	23.0	23.1	2	23.7
		1	14	22.9	22.8	22.8	2	23.7	22.9	22.8	22.8	2	23.7
		8	0	22.2	22.3	22.3	3	22.7	22.2	22.3	22.3	3	22.7
		8	4	22.3	22.3	22.4	3	22.7	22.3	22.3	22.4	3	22.7
		8	7	22.3	22.3	22.3	3	22.7	22.3	22.3	22.3	3	22.7
		15	0	22.2	22.3	22.3	3	22.7	22.2	22.3	22.3	3	22.7
	256QAM	1	0	19.8	19.8	19.9	5	20.7	19.8	19.8	19.9	5	20.7
		1	8	20.0	19.9	20.1	5	20.7	20.0	19.9	20.1	5	20.7
		1	14	19.9	19.7	19.8	5	20.7	19.9	19.7	19.8	5	20.7
		8	0	20.2	20.3	20.3	5	20.7	20.2	20.3	20.3	5	20.7
		8	4	20.3	20.3	20.3	5	20.7	20.3	20.3	20.3	5	20.7
		8	7	20.3	20.3	20.3	5	20.7	20.3	20.3	20.3	5	20.7
		15	0	20.2	20.3	20.3	5	20.7	20.2	20.3	20.3	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	24.7	0	25.7	24.7	24.7	24.7	0	25.7
		1	3	24.9	24.9	24.9	0	25.7	24.9	24.9	24.9	0	25.7
		1	5	24.7	24.7	24.7	0	25.7	24.7	24.7	24.7	0	25.7
		3	0	25.2	25.2	25.3	0	25.7	25.2	25.2	25.3	0	25.7
		3	1	25.3	25.3	25.3	0	25.7	25.3	25.3	25.3	0	25.7
		3	3	25.3	25.3	25.3	0	25.7	25.3	25.3	25.3	0	25.7
		6	0	24.3	24.3	24.3	1	24.7	24.3	24.3	24.3	1	24.7
	16QAM	1	0	24.0	24.0	24.1	1	24.7	24.0	24.0	24.1	1	24.7
		1	3	24.2	24.1	24.2	1	24.7	24.2	24.1	24.2	1	24.7
		1	5	24.0	23.9	24.0	1	24.7	24.0	23.9	24.0	1	24.7
		3	0	24.4	24.4	24.4	1	24.7	24.4	24.4	24.4	1	24.7
		3	1	24.5	24.5	24.4	1	24.7	24.5	24.5	24.4	1	24.7
		3	3	24.4	24.4	24.5	1	24.7	24.4	24.4	24.5	1	24.7
		6	0	23.3	23.2	23.3	2	23.7	23.3	23.2	23.3	2	23.7
	64QAM	1	0	22.8	22.8	22.9	2	23.7	22.8	22.8	22.9	2	23.7
		1	3	23.0	23.0	23.1	2	23.7	23.0	23.0	23.1	2	23.7
		1	5	22.9	22.8	22.8	2	23.7	22.9	22.8	22.8	2	23.7
		3	0	23.3	23.3	23.3	2	23.7	23.3	23.3	23.3	2	23.7
		3	1	23.4	23.3	23.4	2	23.7	23.4	23.3	23.4	2	23.7
		3	3	23.4	23.3	23.4	2	23.7	23.4	23.3	23.4	2	23.7
		6	0	22.3	22.2	22.2	3	22.7	22.3	22.2	22.2	3	22.7
	256QAM	1	0	19.8	19.7	19.8	5	20.7	19.8	19.7	19.8	5	20.7
		1	3	20.0	19.9	20.1	5	20.7	20.0	19.9	20.1	5	20.7
		1	5	19.8	19.7	19.8	5	20.7	19.8	19.7	19.8	5	20.7
		3	0	20.3	20.2	20.4	5	20.7	20.3	20.2	20.4	5	20.7
		3	1	20.4	20.2	20.4	5	20.7	20.4	20.2	20.4	5	20.7
		3	3	20.4	20.3	20.4	5	20.7	20.4	20.3	20.4	5	20.7
		6	0	20.3	20.2	20.2	5	20.7	20.3	20.2	20.2	5	20.7

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LTE Band 5 Measured Results (ANT2, Power State 1)

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	22.9	0	23.5	23.9	0	24.7
		1	25	22.9	0	23.5	23.9	0	24.7
		1	49	22.9	0	23.5	23.8	0	24.7
		25	0	22.9	0	23.5	23.4	1	23.7
		25	12	22.9	0	23.5	23.5	1	23.7
		25	25	22.9	0	23.5	23.4	1	23.7
		50	0	23.0	0	23.5	23.5	1	23.7
	16QAM	1	0	23.1	0	23.5	23.1	1	23.7
		1	25	23.1	0	23.5	23.2	1	23.7
		1	49	23.1	0	23.5	23.2	1	23.7
		25	0	22.1	0.8	22.7	22.3	2	22.7
		25	12	22.2	0.8	22.7	22.4	2	22.7
		25	25	22.2	0.8	22.7	22.3	2	22.7
		50	0	22.2	0.8	22.7	22.4	2	22.7
	64QAM	1	0	22.0	0.8	22.7	22.1	2	22.7
		1	25	22.0	0.8	22.7	22.1	2	22.7
		1	49	22.1	0.8	22.7	22.1	2	22.7
		25	0	21.3	1.8	21.7	21.4	3	21.7
		25	12	21.4	1.8	21.7	21.4	3	21.7
		25	25	21.3	1.8	21.7	21.3	3	21.7
		50	0	21.4	1.8	21.7	21.5	3	21.7
	256QAM	1	0	19.0	3.8	19.7	19.1	5	19.7
		1	25	19.1	3.8	19.7	19.0	5	19.7
		1	49	19.1	3.8	19.7	19.1	5	19.7
		25	0	19.3	3.8	19.7	19.4	5	19.7
		25	12	19.4	3.8	19.7	19.4	5	19.7
		25	25	19.3	3.8	19.7	19.3	5	19.7
		50	0	19.4	3.8	19.7	19.5	5	19.7

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	22.8	22.7	22.7	0	23.5	24.0	23.9	23.9	0	24.7
		1	12	22.7	22.8	22.7	0	23.5	23.9	23.9	23.9	0	24.7
		1	24	22.7	22.8	22.7	0	23.5	23.9	23.9	23.9	0	24.7
		12	0	22.8	22.8	22.7	0	23.5	23.4	23.5	23.4	1	23.7
		12	7	22.7	22.8	22.7	0	23.5	23.4	23.5	23.4	1	23.7
		12	13	22.7	22.7	22.7	0	23.5	23.4	23.5	23.4	1	23.7
		25	0	22.7	22.8	22.6	0	23.5	23.4	23.5	23.4	1	23.7
	16QAM	1	0	23.0	23.0	23.0	0	23.5	23.2	23.3	23.3	1	23.7
		1	12	22.9	23.0	23.1	0	23.5	23.2	23.3	23.3	1	23.7
		1	24	23.0	23.0	23.1	0	23.5	23.2	23.3	23.3	1	23.7
		12	0	22.3	22.2	22.1	0.8	22.7	22.4	22.4	22.4	2	22.7
		12	7	22.2	22.2	22.1	0.8	22.7	22.4	22.4	22.4	2	22.7
		12	13	22.2	22.2	22.1	0.8	22.7	22.4	22.4	22.4	2	22.7
		25	0	22.1	22.2	22.1	0.8	22.7	22.4	22.4	22.3	2	22.7
	64QAM	1	0	22.3	22.1	22.2	0.8	22.7	22.2	22.1	22.2	2	22.7
		1	12	22.2	22.1	22.1	0.8	22.7	22.1	22.1	22.1	2	22.7
		1	24	22.2	22.2	22.1	0.8	22.7	22.1	22.1	22.1	2	22.7
		12	0	21.3	21.2	21.1	1.8	21.7	21.4	21.4	21.4	3	21.7
		12	7	21.2	21.2	21.1	1.8	21.7	21.4	21.4	21.4	3	21.7
		12	13	21.2	21.2	21.2	1.8	21.7	21.4	21.4	21.5	3	21.7
		25	0	21.2	21.2	21.1	1.8	21.7	21.4	21.4	21.4	3	21.7
	256QAM	1	0	19.0	19.0	19.0	3.8	19.7	19.1	19.0	19.2	5	19.7
		1	12	19.0	19.0	19.0	3.8	19.7	19.1	19.1	19.1	5	19.7
		1	24	19.0	19.0	19.0	3.8	19.7	19.0	19.0	19.1	5	19.7
		12	0	19.4	19.4	19.3	3.8	19.7	19.4	19.4	19.4	5	19.7
		12	7	19.4	19.4	19.3	3.8	19.7	19.4	19.4	19.4	5	19.7
		12	13	19.3	19.4	19.4	3.8	19.7	19.4	19.4	19.5	5	19.7
		25	0	19.4	19.4	19.3	3.8	19.7	19.4	19.4	19.4	5	19.7

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LTE Band 5 Measured Results (ANT2, Power State 1) (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	22.7	22.6	22.5	0	23.5	23.4	23.5	23.4	0	24.7
		1	8	22.8	22.8	22.8	0	23.5	23.5	23.6	23.6	0	24.7
		1	14	22.6	22.6	22.6	0	23.5	23.3	23.3	23.4	0	24.7
		8	0	22.7	22.7	22.7	0	23.5	22.9	22.9	22.9	1	23.7
		8	4	22.7	22.7	22.7	0	23.5	22.9	23.0	23.0	1	23.7
		8	7	22.7	22.7	22.7	0	23.5	22.9	23.0	23.0	1	23.7
		15	0	22.7	22.7	22.6	0	23.5	22.9	22.9	23.0	1	23.7
	16QAM	1	0	22.9	22.9	22.8	0	23.5	22.7	22.6	22.6	1	23.7
		1	8	23.1	23.1	23.0	0	23.5	22.9	22.8	22.8	1	23.7
		1	14	22.7	22.9	22.8	0	23.5	22.6	22.5	22.6	1	23.7
		8	0	22.1	22.1	22.1	0.8	22.7	21.9	21.9	22.0	2	22.7
		8	4	22.2	22.2	22.2	0.8	22.7	21.9	22.0	22.0	2	22.7
		8	7	22.1	22.2	22.1	0.8	22.7	21.9	22.0	22.0	2	22.7
		15	0	22.1	22.1	22.1	0.8	22.7	21.8	21.9	21.9	2	22.7
	64QAM	1	0	21.9	21.9	21.8	0.8	22.7	21.5	21.6	21.5	2	22.7
		1	8	22.1	22.1	21.9	0.8	22.7	21.7	21.7	21.7	2	22.7
		1	14	21.8	22.0	21.7	0.8	22.7	21.4	21.5	21.4	2	22.7
		8	0	21.2	21.2	21.1	1.8	21.7	20.9	20.9	21.0	3	21.7
		8	4	21.3	21.2	21.1	1.8	21.7	20.9	21.0	21.0	3	21.7
		8	7	21.2	21.2	21.1	1.8	21.7	20.9	21.0	21.0	3	21.7
		15	0	21.2	21.1	21.0	1.8	21.7	20.9	21.0	20.9	3	21.7
	256QAM	1	0	18.6	18.4	18.5	3.8	19.7	18.4	18.5	18.5	5	19.7
		1	8	18.8	18.6	18.7	3.8	19.7	18.6	18.6	18.7	5	19.7
		1	14	18.5	18.4	18.4	3.8	19.7	18.4	18.4	18.4	5	19.7
		8	0	18.9	18.9	19.0	3.8	19.7	18.9	18.9	18.9	5	19.7
		8	4	18.9	19.0	19.0	3.8	19.7	18.9	18.9	19.0	5	19.7
		8	7	18.9	18.9	18.9	3.8	19.7	19.0	19.0	18.9	5	19.7
		15	0	18.9	18.9	18.9	3.8	19.7	18.9	19.0	18.9	5	19.7

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	22.6	22.5	22.5	0	23.5	23.3	23.4	23.4	0	24.7
		1	3	22.7	22.7	22.7	0	23.5	23.5	23.6	23.5	0	24.7
		1	5	22.6	22.5	22.5	0	23.5	23.3	23.4	23.3	0	24.7
		3	0	22.7	22.6	22.6	0	23.5	23.8	24.0	23.9	0	24.7
		3	1	22.7	22.6	22.6	0	23.5	23.9	24.0	23.9	0	24.7
		3	3	22.7	22.6	22.6	0	23.5	23.9	24.0	23.9	0	24.7
		6	0	22.7	22.6	22.5	0	23.5	22.9	23.0	22.9	1	23.7
	16QAM	1	0	22.9	22.8	22.8	0	23.5	22.5	22.7	22.6	1	23.7
		1	3	23.1	22.9	22.9	0	23.5	22.7	22.9	22.8	1	23.7
		1	5	23.0	22.8	22.7	0	23.5	22.5	22.6	22.6	1	23.7
		3	0	22.8	22.7	22.7	0	23.5	23.0	23.0	23.1	1	23.7
		3	1	22.8	22.7	22.7	0	23.5	23.1	23.1	23.1	1	23.7
		3	3	22.9	22.7	22.7	0	23.5	23.1	23.1	23.1	1	23.7
		6	0	22.3	22.2	22.0	0.8	22.7	22.0	21.9	21.9	2	22.7
	64QAM	1	0	22.1	22.0	22.0	0.8	22.7	21.5	21.6	21.5	2	22.7
		1	3	22.3	22.2	22.1	0.8	22.7	21.7	21.7	21.7	2	22.7
		1	5	22.0	22.0	21.8	0.8	22.7	21.5	21.6	21.5	2	22.7
		3	0	22.3	22.2	22.2	0.8	22.7	21.9	22.0	22.0	2	22.7
		3	1	22.4	22.2	22.2	0.8	22.7	22.0	22.1	22.0	2	22.7
		3	3	22.4	22.3	22.2	0.8	22.7	22.0	22.0	22.0	2	22.7
		6	0	21.2	21.1	21.0	1.8	21.7	20.9	20.9	20.9	3	21.7
	256QAM	1	0	18.9	18.8	18.8	3.8	19.7	18.4	18.6	18.5	5	19.7
		1	3	19.1	19.0	19.1	3.8	19.7	18.6	18.7	18.6	5	19.7
		1	5	18.9	18.8	18.9	3.8	19.7	18.4	18.6	18.4	5	19.7
		3	0	19.2	19.2	19.2	3.8	19.7	18.9	19.0	18.9	5	19.7
		3	1	19.3	19.2	19.3	3.8	19.7	19.0	19.1	19.0	5	19.7
		3	3	19.3	19.3	19.3	3.8	19.7	19.0	19.1	19.0	5	19.7
		6	0	19.2	19.1	19.1	3.8	19.7	18.9	19.0	18.9	5	19.7

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LTE Band 7 Measured Results (ANT1, Power State 1)

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	24.9	24.9	25.0	0	25.7	19.2	19.1	19.2	0	21.0
		1	49	25.0	25.0	25.2	0	25.7	19.5	19.4	19.4	0	21.0
		1	99	24.9	24.9	25.1	0	25.7	19.2	19.2	19.3	0	21.0
		50	0	24.4	24.4	24.5	1	24.7	19.4	19.5	19.5	0	21.0
		50	24	24.4	24.4	24.5	1	24.7	19.5	19.4	19.5	0	21.0
		50	50	24.4	24.3	24.5	1	24.7	19.5	19.4	19.5	0	21.0
		100	0	24.4	24.4	24.6	1	24.7	19.6	19.5	19.5	0	21.0
	16QAM	1	0	23.7	23.9	23.7	1	24.7	20.0	20.1	20.0	0	21.0
		1	49	23.9	23.9	24.0	1	24.7	20.3	20.2	20.3	0	21.0
		1	99	23.8	23.6	23.8	1	24.7	20.1	20.1	20.2	0	21.0
		50	0	23.1	22.9	23.1	2	23.7	20.0	19.9	20.0	0	21.0
		50	24	23.1	23.0	23.1	2	23.7	20.0	19.9	20.0	0	21.0
		50	50	23.1	23.0	23.2	2	23.7	20.0	19.9	20.1	0	21.0
		100	0	23.1	23.0	23.2	2	23.7	20.0	19.9	20.1	0	21.0
	64QAM	1	0	22.5	22.8	22.6	2	23.7	19.9	20.1	19.9	0	21.0
		1	49	22.9	22.9	22.9	2	23.7	20.1	20.2	20.1	0	21.0
		1	99	22.8	22.8	22.8	2	23.7	20.0	19.9	20.2	0	21.0
		50	0	22.1	22.0	22.2	3	22.7	19.9	19.8	20.0	0	21.0
		50	24	22.1	22.0	22.2	3	22.7	19.9	19.8	20.0	0	21.0
		50	50	22.1	22.0	22.2	3	22.7	19.9	19.8	20.1	0	21.0
		100	0	22.2	22.1	22.2	3	22.7	20.0	19.8	20.0	0	21.0
	256QAM	1	0	19.7	19.6	19.5	5	20.7	19.7	19.7	19.6	0.3	20.7
		1	49	20.0	19.7	19.9	5	20.7	20.0	19.7	19.7	0.3	20.7
		1	99	19.8	19.6	19.6	5	20.7	19.7	19.6	19.7	0.3	20.7
		50	0	20.1	20.0	20.1	5	20.7	19.9	19.8	20.0	0.3	20.7
		50	24	20.1	20.0	20.2	5	20.7	19.9	19.8	20.0	0.3	20.7
		50	50	20.1	20.0	20.2	5	20.7	20.0	19.8	20.1	0.3	20.7
		100	0	20.1	20.1	20.2	5	20.7	20.0	19.9	20.1	0.3	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	24.5	24.4	24.7	0	25.7	19.9	19.9	20.0	0	21.0
		1	37	24.6	24.5	24.7	0	25.7	20.0	19.9	20.1	0	21.0
		1	74	24.6	24.4	24.8	0	25.7	20.0	19.9	20.0	0	21.0
		36	0	24.1	24.0	24.2	1	24.7	19.9	19.9	20.0	0	21.0
		36	20	24.2	24.0	24.2	1	24.7	20.0	19.9	20.1	0	21.0
		36	39	24.2	24.0	24.2	1	24.7	20.0	19.9	20.1	0	21.0
		75	0	24.2	24.0	24.2	1	24.7	20.0	19.9	20.1	0	21.0
	16QAM	1	0	23.7	23.7	23.9	1	24.7	20.1	20.2	20.4	0	21.0
		1	37	23.9	23.8	23.9	1	24.7	20.3	20.2	20.5	0	21.0
		1	74	23.7	23.7	23.9	1	24.7	20.3	20.2	20.4	0	21.0
		36	0	23.0	22.9	23.1	2	23.7	19.9	19.9	20.0	0	21.0
		36	20	23.1	22.9	23.1	2	23.7	20.0	19.9	20.1	0	21.0
		36	39	23.1	22.9	23.1	2	23.7	20.0	19.8	20.0	0	21.0
		75	0	23.1	22.9	23.2	2	23.7	20.0	19.9	20.1	0	21.0
	64QAM	1	0	22.9	22.8	22.8	2	23.7	20.2	20.0	20.1	0	21.0
		1	37	22.9	22.7	22.8	2	23.7	20.3	20.0	20.1	0	21.0
		1	74	23.0	22.7	22.8	2	23.7	20.2	19.9	20.1	0	21.0
		36	0	22.1	22.0	22.2	3	22.7	19.8	19.8	19.9	0	21.0
		36	20	22.1	22.0	22.2	3	22.7	19.9	19.8	20.0	0	21.0
		36	39	22.1	22.0	22.2	3	22.7	19.9	19.8	19.9	0	21.0
		75	0	22.1	22.1	22.3	3	22.7	19.9	19.8	20.0	0	21.0
	256QAM	1	0	19.7	19.7	19.9	5	20.7	19.6	19.6	19.8	0.3	20.7
		1	37	19.7	19.6	19.9	5	20.7	19.6	19.7	19.8	0.3	20.7
		1	74	19.7	19.6	19.9	5	20.7	19.8	19.6	19.8	0.3	20.7
		36	0	20.1	20.0	20.1	5	20.7	19.8	19.8	19.9	0.3	20.7
		36	20	20.1	20.0	20.2	5	20.7	19.9	19.8	20.0	0.3	20.7
		36	39	20.1	20.0	20.2	5	20.7	19.9	19.8	20.0	0.3	20.7
		75	0	20.1	20.0	20.2	5	20.7	19.9	19.9	20.0	0.3	20.7

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LTE Band 7 Measured Results (ANT1, Power State 1) (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	24.6	24.5	24.7	0	25.7	19.9	19.9	20.1	0	21.0
		1	25	24.7	24.5	24.7	0	25.7	20.0	19.9	20.1	0	21.0
		1	49	24.7	24.5	24.7	0	25.7	20.0	19.9	20.0	0	21.0
		25	0	24.1	24.0	24.2	1	24.7	20.0	19.9	20.1	0	21.0
		25	12	24.2	24.0	24.2	1	24.7	20.0	19.9	20.1	0	21.0
		25	25	24.2	24.0	24.2	1	24.7	20.0	19.9	20.1	0	21.0
		50	0	24.2	24.1	24.3	1	24.7	20.1	20.0	20.2	0	21.0
	16QAM	1	0	23.7	23.8	24.0	1	24.7	20.1	20.2	20.4	0	21.0
		1	25	23.9	23.8	24.0	1	24.7	20.3	20.2	20.4	0	21.0
		1	49	23.9	23.8	24.0	1	24.7	20.3	20.2	20.4	0	21.0
		25	0	23.0	22.9	23.2	2	23.7	19.9	19.9	20.1	0	21.0
		25	12	23.1	22.9	23.2	2	23.7	20.0	19.9	20.0	0	21.0
		25	25	23.1	22.9	23.2	2	23.7	20.0	19.9	20.0	0	21.0
		50	0	23.1	23.0	23.2	2	23.7	20.1	19.9	20.1	0	21.0
	64QAM	1	0	22.8	22.8	22.9	2	23.7	20.1	20.0	20.2	0	21.0
		1	25	22.9	22.8	22.8	2	23.7	20.2	20.1	20.2	0	21.0
		1	49	23.0	22.8	22.8	2	23.7	20.3	20.1	20.1	0	21.0
		25	0	22.1	22.0	22.2	3	22.7	19.9	19.9	20.0	0	21.0
		25	12	22.1	22.1	22.2	3	22.7	20.0	19.9	20.0	0	21.0
		25	25	22.2	22.0	22.2	3	22.7	20.0	19.8	20.0	0	21.0
		50	0	22.2	22.1	22.2	3	22.7	20.1	19.9	20.1	0	21.0
	256QAM	1	0	19.7	19.8	19.8	5	20.7	19.8	19.7	19.9	0.3	20.7
		1	25	19.9	19.8	19.8	5	20.7	19.9	19.7	19.9	0.3	20.7
		1	49	19.9	19.8	19.8	5	20.7	20.0	19.8	19.8	0.3	20.7
		25	0	20.0	20.1	20.2	5	20.7	19.9	19.9	20.0	0.3	20.7
		25	12	20.1	20.1	20.1	5	20.7	20.0	19.9	20.0	0.3	20.7
		25	25	20.1	20.0	20.2	5	20.7	20.0	19.9	20.0	0.3	20.7
		50	0	20.2	20.1	20.2	5	20.7	20.1	19.9	20.1	0.3	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	24.5	24.5	24.7	0	25.7	19.9	19.9	20.1	0	21.0
		1	12	24.5	24.5	24.7	0	25.7	19.9	19.9	20.1	0	21.0
		1	24	24.5	24.4	24.7	0	25.7	20.0	19.9	20.1	0	21.0
		12	0	23.9	23.9	24.2	1	24.7	19.9	19.8	20.1	0	21.0
		12	7	24.0	23.9	24.2	1	24.7	19.9	19.8	20.1	0	21.0
		12	13	24.0	23.9	24.2	1	24.7	19.9	19.8	20.1	0	21.0
		25	0	24.1	23.9	24.2	1	24.7	20.0	19.9	20.1	0	21.0
	16QAM	1	0	23.9	23.7	24.0	1	24.7	20.2	20.3	20.5	0	21.0
		1	12	24.0	23.7	24.0	1	24.7	20.2	20.2	20.5	0	21.0
		1	24	24.0	23.7	24.0	1	24.7	20.2	20.3	20.5	0	21.0
		12	0	22.9	22.9	23.2	2	23.7	19.8	19.8	20.1	0	21.0
		12	7	23.0	22.9	23.2	2	23.7	19.9	19.8	20.1	0	21.0
		12	13	23.0	22.9	23.2	2	23.7	19.9	19.9	20.1	0	21.0
		25	0	23.0	22.9	23.1	2	23.7	19.8	19.8	20.1	0	21.0
	64QAM	1	0	22.7	22.8	22.9	2	23.7	20.1	20.1	20.3	0	21.0
		1	12	22.9	22.8	22.9	2	23.7	20.2	20.1	20.2	0	21.0
		1	24	22.9	22.8	22.8	2	23.7	20.2	20.0	20.3	0	21.0
		12	0	22.0	22.0	22.1	3	22.7	19.8	19.8	20.0	0	21.0
		12	7	22.0	22.0	22.1	3	22.7	19.9	19.8	20.0	0	21.0
		12	13	22.1	22.0	22.1	3	22.7	19.9	19.8	20.0	0	21.0
		25	0	22.1	22.0	22.1	3	22.7	19.9	19.8	20.0	0	21.0
	256QAM	1	0	19.6	19.7	19.8	5	20.7	19.7	19.7	19.9	0.3	20.7
		1	12	19.7	19.7	19.8	5	20.7	19.8	19.7	19.8	0.3	20.7
		1	24	19.7	19.7	19.8	5	20.7	19.8	19.7	19.8	0.3	20.7
		12	0	20.0	20.0	20.2	5	20.7	19.8	19.8	20.0	0.3	20.7
		12	7	20.0	20.0	20.2	5	20.7	19.9	19.8	20.0	0.3	20.7
		12	13	20.0	20.0	20.2	5	20.7	19.9	19.8	20.0	0.3	20.7
		25	0	20.0	20.0	20.2	5	20.7	19.9	19.8	20.0	0.3	20.7

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LTE Band 7 Measured Results (ANT2, Power State 1)

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	16.5	16.5	16.5	0	17.8	17.4	17.2	17.5	0	18.9
		1	49	16.8	16.5	17.0	0	17.8	17.5	17.3	17.7	0	18.9
		1	99	16.5	16.4	16.6	0	17.8	17.4	17.1	17.6	0	18.9
		50	0	16.7	16.5	17.0	0	17.8	17.6	17.4	17.8	0	18.9
		50	24	16.7	16.5	16.6	0	17.8	17.6	17.4	17.8	0	18.9
		50	50	16.6	16.5	16.7	0	17.8	17.6	17.4	17.8	0	18.9
		100	0	16.8	16.6	16.9	0	17.8	17.7	17.4	17.8	0	18.9
	16QAM	1	0	15.9	16.1	16.0	0	17.8	17.8	17.8	17.8	0	18.9
		1	49	16.1	16.1	16.2	0	17.8	18.0	17.8	18.0	0	18.9
		1	99	16.0	16.0	16.3	0	17.8	17.8	17.7	17.9	0	18.9
		50	0	16.0	16.0	16.0	0	17.8	17.6	17.4	17.8	0	18.9
		50	24	16.0	15.9	16.0	0	17.8	17.7	17.4	17.8	0	18.9
		50	50	16.0	15.9	16.1	0	17.8	17.6	17.4	17.8	0	18.9
		100	0	16.0	16.0	16.1	0	17.8	17.8	17.5	17.8	0	18.9
	64QAM	1	0	15.9	16.2	16.0	0	17.8	17.8	17.5	17.8	0	18.9
		1	49	16.2	16.2	16.3	0	17.8	17.9	17.5	17.9	0	18.9
		1	99	16.1	16.1	16.3	0	17.8	17.7	17.4	17.8	0	18.9
		50	0	16.0	16.1	16.1	0	17.8	17.6	17.4	17.7	0	18.9
		50	24	16.0	16.0	16.1	0	17.8	17.7	17.4	17.7	0	18.9
		50	50	16.0	16.0	16.2	0	17.8	17.7	17.4	17.7	0	18.9
		100	0	16.1	16.1	16.1	0	17.8	17.7	17.5	17.8	0	18.9
	256QAM	1	0	16.1	16.2	16.0	0	17.8	17.2	17.1	17.1	0.7	18.2
		1	49	16.3	16.2	16.1	0	17.8	17.4	17.1	17.3	0.7	18.2
		1	99	16.1	16.2	16.2	0	17.8	17.2	17.0	17.3	0.7	18.2
		50	0	16.0	16.1	16.0	0	17.8	17.4	17.2	17.5	0.7	18.2
		50	24	16.0	16.0	16.1	0	17.8	17.4	17.2	17.5	0.7	18.2
		50	50	16.0	16.0	16.1	0	17.8	17.4	17.2	17.5	0.7	18.2
		100	0	16.0	16.1	16.2	0	17.8	17.5	17.2	17.6	0.7	18.2

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	16.0	16.0	16.1	0	17.8	17.6	17.4	17.7	0	18.9
		1	37	16.1	16.0	16.1	0	17.8	17.6	17.4	17.7	0	18.9
		1	74	16.1	16.0	16.3	0	17.8	17.6	17.4	17.7	0	18.9
		36	0	16.0	16.1	16.1	0	17.8	17.6	17.5	17.8	0	18.9
		36	20	16.1	16.0	16.1	0	17.8	17.6	17.5	17.8	0	18.9
		36	39	16.0	16.0	16.2	0	17.8	17.7	17.5	17.8	0	18.9
		75	0	16.0	16.0	16.1	0	17.8	17.7	17.5	17.9	0	18.9
	16QAM	1	0	16.1	16.3	16.2	0	17.8	17.9	17.6	18.1	0	18.9
		1	37	16.3	16.2	16.3	0	17.8	17.9	17.6	18.2	0	18.9
		1	74	16.2	16.1	16.4	0	17.8	17.9	17.7	18.1	0	18.9
		36	0	15.9	16.0	16.1	0	17.8	17.6	17.4	17.7	0	18.9
		36	20	16.0	16.0	16.1	0	17.8	17.6	17.4	17.7	0	18.9
		36	39	16.0	15.9	16.1	0	17.8	17.7	17.4	17.7	0	18.9
		75	0	16.0	16.0	16.1	0	17.8	17.6	17.4	17.8	0	18.9
	64QAM	1	0	16.2	16.1	16.2	0	17.8	17.8	17.6	17.9	0	18.9
		1	37	16.3	16.1	16.2	0	17.8	17.8	17.6	17.9	0	18.9
		1	74	16.3	16.1	16.3	0	17.8	17.9	17.6	18.0	0	18.9
		36	0	15.9	16.0	16.1	0	17.8	17.6	17.4	17.8	0	18.9
		36	20	16.0	16.0	16.1	0	17.8	17.6	17.4	17.8	0	18.9
		36	39	16.0	16.0	16.2	0	17.8	17.7	17.4	17.8	0	18.9
		75	0	16.0	16.0	16.1	0	17.8	17.6	17.4	17.8	0	18.9
	256QAM	1	0	16.1	16.2	16.1	0	17.8	17.2	17.0	17.4	0.7	18.2
		1	37	16.2	16.1	16.3	0	17.8	17.2	16.9	17.4	0.7	18.2
		1	74	16.1	16.1	16.3	0	17.8	17.3	17.0	17.5	0.7	18.2
		36	0	15.9	16.0	16.1	0	17.8	17.4	17.1	17.6	0.7	18.2
		36	20	16.0	16.0	16.1	0	17.8	17.4	17.1	17.6	0.7	18.2
		36	39	16.0	16.0	16.2	0	17.8	17.4	17.1	17.5	0.7	18.2
		75	0	16.1	16.0	16.1	0	17.8	17.4	17.2	17.6	0.7	18.2

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LTE Band 7 Measured Results (ANT2, Power State 1) (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	16.0	16.1	16.1	0	17.8	17.7	17.5	17.9	0	18.9
		1	25	16.1	16.0	16.2	0	17.8	17.7	17.5	17.9	0	18.9
		1	49	16.1	16.0	16.3	0	17.8	17.7	17.4	17.9	0	18.9
		25	0	16.0	16.1	16.2	0	17.8	17.7	17.5	17.9	0	18.9
		25	12	16.1	16.1	16.2	0	17.8	17.7	17.5	17.9	0	18.9
		25	25	16.1	16.1	16.3	0	17.8	17.7	17.5	17.9	0	18.9
		50	0	16.2	16.1	16.3	0	17.8	17.8	17.6	17.9	0	18.9
	16QAM	1	0	16.2	16.3	16.3	0	17.8	17.9	17.7	18.2	0	18.9
		1	25	16.2	16.3	16.4	0	17.8	17.9	17.8	18.2	0	18.9
		1	49	16.2	16.2	16.4	0	17.8	18.0	17.7	18.1	0	18.9
		25	0	16.0	16.0	16.0	0	17.8	17.7	17.5	17.8	0	18.9
		25	12	16.0	16.0	16.1	0	17.8	17.6	17.5	17.8	0	18.9
		25	25	16.0	16.0	16.2	0	17.8	17.6	17.5	17.8	0	18.9
		50	0	16.1	16.1	16.2	0	17.8	17.7	17.5	17.8	0	18.9
	64QAM	1	0	16.2	16.2	16.3	0	17.8	17.9	17.7	18.1	0	18.9
		1	25	16.2	16.2	16.3	0	17.8	17.8	17.7	18.1	0	18.9
		1	49	16.3	16.1	16.4	0	17.8	18.0	17.7	18.1	0	18.9
		25	0	16.0	16.0	16.1	0	17.8	17.6	17.5	17.9	0	18.9
		25	12	16.0	16.0	16.2	0	17.8	17.6	17.5	17.8	0	18.9
		25	25	16.1	16.0	16.3	0	17.8	17.7	17.5	17.8	0	18.9
		50	0	16.1	16.1	16.2	0	17.8	17.7	17.5	17.9	0	18.9
	256QAM	1	0	16.3	16.3	16.3	0	17.8	17.2	17.0	17.4	0.7	18.2
		1	25	16.3	16.2	16.3	0	17.8	17.2	17.0	17.4	0.7	18.2
		1	49	16.3	16.3	16.5	0	17.8	17.3	17.0	17.5	0.7	18.2
		25	0	16.0	16.0	16.1	0	17.8	17.4	17.2	17.6	0.7	18.2
		25	12	16.1	16.0	16.2	0	17.8	17.3	17.2	17.6	0.7	18.2
		25	25	16.1	16.0	16.2	0	17.8	17.4	17.2	17.6	0.7	18.2
		50	0	16.1	16.1	16.2	0	17.8	17.4	17.2	17.7	0.7	18.2

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	16.4	16.4	16.6	0	17.8	17.6	17.5	17.9	0	18.9
		1	12	16.4	16.4	16.5	0	17.8	17.6	17.5	17.9	0	18.9
		1	24	16.5	16.3	16.7	0	17.8	17.6	17.5	17.9	0	18.9
		12	0	16.4	16.3	16.5	0	17.8	17.7	17.5	17.9	0	18.9
		12	7	16.4	16.3	16.6	0	17.8	17.6	17.5	17.8	0	18.9
		12	13	16.4	16.3	16.6	0	17.8	17.6	17.5	17.9	0	18.9
		25	0	16.5	16.3	16.6	0	17.8	17.6	17.5	17.9	0	18.9
	16QAM	1	0	16.8	16.6	16.9	0	17.8	18.0	17.9	18.2	0	18.9
		1	12	16.7	16.6	16.9	0	17.8	18.1	17.9	18.2	0	18.9
		1	24	16.8	16.6	17.0	0	17.8	18.0	17.8	18.2	0	18.9
		12	0	16.4	16.3	16.5	0	17.8	17.6	17.5	17.9	0	18.9
		12	7	16.4	16.3	16.5	0	17.8	17.6	17.4	17.9	0	18.9
		12	13	16.4	16.3	16.6	0	17.8	17.6	17.4	17.9	0	18.9
		25	0	16.4	16.3	16.5	0	17.8	17.6	17.5	17.9	0	18.9
	64QAM	1	0	16.7	16.6	16.8	0	17.8	17.8	17.6	18.1	0	18.9
		1	12	16.7	16.7	16.8	0	17.8	17.8	17.6	18.1	0	18.9
		1	24	16.7	16.6	16.9	0	17.8	17.8	17.6	18.1	0	18.9
		12	0	16.4	16.3	16.5	0	17.8	17.6	17.4	17.8	0	18.9
		12	7	16.4	16.3	16.5	0	17.8	17.6	17.4	17.8	0	18.9
		12	13	16.4	16.3	16.6	0	17.8	17.6	17.4	17.8	0	18.9
		25	0	16.4	16.3	16.5	0	17.8	17.6	17.4	17.9	0	18.9
	256QAM	1	0	16.7	16.6	16.7	0	17.8	17.2	17.1	17.5	0.7	18.2
		1	12	16.6	16.5	16.7	0	17.8	17.2	17.0	17.5	0.7	18.2
		1	24	16.7	16.5	16.8	0	17.8	17.2	17.0	17.5	0.7	18.2
		12	0	16.4	16.3	16.5	0	17.8	17.4	17.2	17.6	0.7	18.2
		12	7	16.4	16.3	16.5	0	17.8	17.4	17.2	17.6	0.7	18.2
		12	13	16.4	16.3	16.6	0	17.8	17.4	17.2	17.6	0.7	18.2
		25	0	16.4	16.3	16.6	0	17.8	17.4	17.2	17.6	0.7	18.2

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LTE Band 7 Measured Results (ANT3, Power State 1)

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	22.9	22.8	22.7	0	23.1	20.2	20.1	20.0	0	21.1
		1	49	22.8	23.0	22.8	0	23.1	20.2	20.2	20.2	0	21.1
		1	99	22.7	22.8	22.8	0	23.1	20.1	20.1	20.0	0	21.1
		50	0	22.8	22.8	22.6	0	23.1	20.3	20.3	20.3	0	21.1
		50	24	22.6	22.9	22.7	0	23.1	20.2	20.3	20.2	0	21.1
		50	50	22.7	22.8	22.8	0	23.1	20.3	20.4	20.2	0	21.1
		100	0	22.7	23.0	22.7	0	23.1	20.3	20.4	20.3	0	21.1
	16QAM	1	0	22.5	22.5	22.2	0	23.1	20.1	19.9	20.1	0	21.1
		1	49	22.6	22.7	22.5	0	23.1	20.2	20.2	20.3	0	21.1
		1	99	22.6	22.5	22.5	0	23.1	20.2	20.0	20.3	0	21.1
		50	0	22.3	22.4	22.3	0	23.1	20.0	20.0	20.0	0	21.1
		50	24	22.3	22.4	22.3	0	23.1	20.0	20.1	20.0	0	21.1
		50	50	22.3	22.4	22.3	0	23.1	20.0	20.1	20.0	0	21.1
		100	0	22.3	22.5	22.4	0	23.1	20.1	20.2	20.1	0	21.1
	64QAM	1	0	22.3	22.4	22.5	0	23.1	20.1	20.0	20.1	0	21.1
		1	49	22.5	22.6	22.5	0	23.1	20.2	20.2	20.3	0	21.1
		1	99	22.6	22.5	22.5	0	23.1	20.2	20.1	20.3	0	21.1
		50	0	21.6	21.7	21.6	0.9	22.2	19.9	20.0	20.0	0	21.1
		50	24	21.6	21.8	21.6	0.9	22.2	19.9	20.1	20.0	0	21.1
		50	50	21.7	21.8	21.6	0.9	22.2	19.9	20.1	20.0	0	21.1
		100	0	21.7	21.8	21.7	0.9	22.2	20.0	20.2	20.1	0	21.1
	256QAM	1	0	19.4	19.4	19.3	2.9	20.2	19.3	19.5	19.4	0.9	20.2
		1	49	19.6	19.6	19.4	2.9	20.2	19.4	19.7	19.5	0.9	20.2
		1	99	19.6	19.4	19.4	2.9	20.2	19.4	19.5	19.6	0.9	20.2
		50	0	19.6	19.7	19.6	2.9	20.2	19.5	19.7	19.6	0.9	20.2
		50	24	19.6	19.8	19.6	2.9	20.2	19.6	19.7	19.6	0.9	20.2
		50	50	19.6	19.7	19.6	2.9	20.2	19.6	19.7	19.6	0.9	20.2
		100	0	19.7	19.8	19.7	2.9	20.2	19.7	19.8	19.7	0.9	20.2

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	22.4	22.3	22.4	0	23.1	20.0	20.0	20.1	0	21.1
		1	37	22.3	22.5	22.4	0	23.1	20.0	20.2	20.1	0	21.1
		1	74	22.3	22.4	22.5	0	23.1	20.0	20.1	20.2	0	21.1
		36	0	22.4	22.4	22.4	0	23.1	20.0	20.1	20.1	0	21.1
		36	20	22.3	22.5	22.4	0	23.1	20.0	20.2	20.1	0	21.1
		36	39	22.3	22.5	22.4	0	23.1	20.0	20.2	20.1	0	21.1
		75	0	22.3	22.5	22.4	0	23.1	20.1	20.2	20.1	0	21.1
	16QAM	1	0	22.5	22.5	22.5	0	23.1	20.2	20.1	20.3	0	21.1
		1	37	22.4	22.6	22.6	0	23.1	20.1	20.2	20.3	0	21.1
		1	74	22.5	22.6	22.7	0	23.1	20.2	20.2	20.4	0	21.1
		36	0	22.3	22.4	22.3	0	23.1	20.0	20.0	20.0	0	21.1
		36	20	22.2	22.4	22.3	0	23.1	20.0	20.1	20.0	0	21.1
		36	39	22.2	22.4	22.3	0	23.1	20.0	20.1	20.0	0	21.1
		75	0	22.3	22.4	22.4	0	23.1	20.0	20.2	20.1	0	21.1
	64QAM	1	0	22.5	22.6	22.5	0	23.1	20.2	20.1	20.2	0	21.1
		1	37	22.5	22.8	22.4	0	23.1	20.1	20.2	20.1	0	21.1
		1	74	22.7	22.8	22.6	0	23.1	20.2	20.3	20.3	0	21.1
		36	0	21.7	21.7	21.6	0.9	22.2	20.0	20.0	20.0	0	21.1
		36	20	21.7	21.7	21.6	0.9	22.2	20.0	20.1	20.0	0	21.1
		36	39	21.7	21.7	21.6	0.9	22.2	20.0	20.1	20.0	0	21.1
		75	0	21.7	21.8	21.6	0.9	22.2	20.0	20.2	20.1	0	21.1
	256QAM	1	0	19.4	19.6	19.6	2.9	20.2	19.5	19.4	19.5	0.9	20.2
		1	37	19.4	19.7	19.5	2.9	20.2	19.4	19.6	19.5	0.9	20.2
		1	74	19.6	19.7	19.6	2.9	20.2	19.5	19.6	19.7	0.9	20.2
		36	0	19.6	19.7	19.6	2.9	20.2	19.6	19.6	19.6	0.9	20.2
		36	20	19.6	19.7	19.6	2.9	20.2	19.6	19.7	19.6	0.9	20.2
		36	39	19.6	19.7	19.6	2.9	20.2	19.6	19.7	19.6	0.9	20.2
		75	0	19.7	19.8	19.6	2.9	20.2	19.6	19.8	19.7	0.9	20.2

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LTE Band 7 Measured Results (ANT3, Power State 1) (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	22.6	22.6	22.6	0	23.1	20.3	20.3	20.2	0	21.1
		1	25	22.4	22.7	22.6	0	23.1	20.2	20.4	20.3	0	21.1
		1	49	22.5	22.6	22.7	0	23.1	20.2	20.4	20.4	0	21.1
		25	0	22.5	22.6	22.6	0	23.1	20.3	20.3	20.2	0	21.1
		25	12	22.5	22.6	22.5	0	23.1	20.2	20.3	20.2	0	21.1
		25	25	22.5	22.6	22.6	0	23.1	20.2	20.3	20.3	0	21.1
		50	0	22.6	22.7	22.6	0	23.1	20.3	20.4	20.3	0	21.1
	16QAM	1	0	22.6	22.7	22.6	0	23.1	20.4	20.4	20.4	0	21.1
		1	25	22.5	22.8	22.7	0	23.1	20.3	20.5	20.4	0	21.1
		1	49	22.6	22.8	22.8	0	23.1	20.3	20.4	20.5	0	21.1
		25	0	22.5	22.6	22.5	0	23.1	20.2	20.3	20.1	0	21.1
		25	12	22.4	22.5	22.5	0	23.1	20.1	20.3	20.1	0	21.1
		25	25	22.4	22.6	22.5	0	23.1	20.1	20.3	20.2	0	21.1
		50	0	22.5	22.7	22.6	0	23.1	20.2	20.3	20.2	0	21.1
	64QAM	1	0	22.7	22.7	22.7	0	23.1	20.5	20.4	20.4	0	21.1
		1	25	22.8	22.8	22.6	0	23.1	20.3	20.5	20.4	0	21.1
		1	49	22.9	22.8	22.7	0	23.1	20.4	20.5	20.6	0	21.1
		25	0	21.8	21.9	21.8	0.9	22.2	20.1	20.3	20.2	0	21.1
		25	12	21.8	21.9	21.8	0.9	22.2	20.1	20.3	20.1	0	21.1
		25	25	21.8	21.9	21.8	0.9	22.2	20.1	20.3	20.2	0	21.1
		50	0	21.9	22.0	21.9	0.9	22.2	20.2	20.3	20.2	0	21.1
	256QAM	1	0	19.7	19.7	19.8	2.9	20.2	19.7	19.7	19.7	0.9	20.2
		1	25	19.6	19.8	19.6	2.9	20.2	19.5	19.8	19.8	0.9	20.2
		1	49	19.8	19.8	19.8	2.9	20.2	19.6	19.8	19.9	0.9	20.2
		25	0	19.7	19.9	19.8	2.9	20.2	19.7	19.9	19.8	0.9	20.2
		25	12	19.7	19.9	19.7	2.9	20.2	19.7	19.9	19.8	0.9	20.2
		25	25	19.8	19.9	19.7	2.9	20.2	19.7	19.9	19.8	0.9	20.2
		50	0	19.8	20.0	19.8	2.9	20.2	19.8	20.0	19.9	0.9	20.2

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	22.5	22.7	22.6	0	23.1	20.2	20.4	20.3	0	21.1
		1	12	22.5	22.7	22.6	0	23.1	20.2	20.4	20.3	0	21.1
		1	24	22.5	22.6	22.7	0	23.1	20.2	20.3	20.4	0	21.1
		12	0	22.6	22.6	22.6	0	23.1	20.3	20.3	20.2	0	21.1
		12	7	22.6	22.6	22.6	0	23.1	20.3	20.3	20.2	0	21.1
		12	13	22.6	22.6	22.6	0	23.1	20.3	20.3	20.3	0	21.1
		25	0	22.6	22.6	22.7	0	23.1	20.3	20.3	20.3	0	21.1
	16QAM	1	0	22.7	22.8	22.9	0	23.1	20.4	20.5	20.5	0	21.1
		1	12	22.6	22.7	22.9	0	23.1	20.3	20.4	20.5	0	21.1
		1	24	22.6	22.7	22.9	0	23.1	20.3	20.4	20.6	0	21.1
		12	0	22.4	22.5	22.5	0	23.1	20.1	20.2	20.2	0	21.1
		12	7	22.4	22.5	22.5	0	23.1	20.1	20.2	20.2	0	21.1
		12	13	22.4	22.5	22.6	0	23.1	20.1	20.2	20.2	0	21.1
		25	0	22.5	22.6	22.6	0	23.1	20.2	20.3	20.3	0	21.1
	64QAM	1	0	22.4	22.7	22.9	0	23.1	20.0	20.3	20.5	0	21.1
		1	12	22.4	22.7	22.9	0	23.1	20.0	20.3	20.5	0	21.1
		1	24	22.4	22.7	23.0	0	23.1	20.0	20.3	20.6	0	21.1
		12	0	21.7	21.8	21.8	0.9	22.2	19.3	19.4	20.2	0	21.1
		12	7	21.7	21.7	21.7	0.9	22.2	19.3	19.3	20.2	0	21.1
		12	13	21.7	21.8	21.8	0.9	22.2	19.3	19.4	20.2	0	21.1
		25	0	21.8	21.9	21.8	0.9	22.2	19.4	19.5	20.3	0	21.1
	256QAM	1	0	19.4	19.6	19.7	2.9	20.2	19.4	19.6	19.7	0.9	20.2
		1	12	19.4	19.6	19.7	2.9	20.2	19.4	19.6	19.7	0.9	20.2
		1	24	19.4	19.6	19.7	2.9	20.2	19.4	19.6	19.8	0.9	20.2
		12	0	19.7	19.8	19.7	2.9	20.2	19.7	19.8	19.9	0.9	20.2
		12	7	19.7	19.7	19.7	2.9	20.2	19.7	19.7	19.8	0.9	20.2
		12	13	19.7	19.7	19.8	2.9	20.2	19.7	19.7	19.9	0.9	20.2
		25	0	19.8	19.9	19.8	2.9	20.2	19.8	19.9	19.9	0.9	20.2

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LTE Band 7 Measured Results (ANT4, Power State 1)

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		
QPSK	1	0	19.8	19.6	19.8	0	21.5	19.8	19.8	19.8	0	21.2
	1	49	19.9	19.7	20.1	0	21.5	20.0	20.0	20.1	0	21.2
	1	99	19.8	19.6	19.9	0	21.5	19.8	19.8	19.8	0	21.2
	50	0	19.9	19.8	20.0	0	21.5	20.0	19.9	20.1	0	21.2
	50	24	20.0	19.9	21.0	0	21.5	20.1	20.0	20.1	0	21.2
	50	50	20.0	19.8	20.1	0	21.5	20.0	20.0	20.0	0	21.2
	100	0	20.0	19.9	20.1	0	21.5	20.0	20.0	20.2	0	21.2
16QAM	1	0	19.9	19.8	19.6	0	21.5	20.2	20.2	20.2	0	21.2
	1	49	20.0	19.8	19.8	0	21.5	20.3	20.4	20.4	0	21.2
	1	99	19.8	19.6	19.7	0	21.5	20.1	20.2	20.2	0	21.2
	50	0	19.7	19.8	19.7	0.3	21.2	19.8	19.9	20.1	0	21.2
	50	24	19.7	19.7	19.7	0.3	21.2	20.0	19.9	20.0	0	21.2
	50	50	19.7	19.8	19.7	0.3	21.2	19.9	20.0	19.9	0	21.2
	100	0	19.8	19.8	19.8	0.3	21.2	20.0	20.0	20.0	0	21.2
64QAM	1	0	20.3	19.5	19.5	0.3	21.2	19.8	19.8	19.7	0	21.2
	1	49	20.6	19.5	19.7	0.3	21.2	19.8	19.8	19.8	0	21.2
	1	99	20.4	19.3	19.5	0.3	21.2	19.7	19.7	19.7	0	21.2
	50	0	19.2	19.1	19.2	1.3	20.2	19.0	19.1	19.3	1	20.2
	50	24	19.3	19.1	19.2	1.3	20.2	19.2	19.1	19.2	1	20.2
	50	50	19.3	19.2	19.2	1.3	20.2	19.1	19.2	19.2	1	20.2
	100	0	19.3	19.1	19.1	1.3	20.2	19.2	19.1	19.2	1	20.2
256QAM	1	0	17.0	16.8	16.7	3.3	18.2	16.8	16.8	16.7	3	18.2
	1	49	17.0	16.9	16.9	3.3	18.2	16.9	16.8	16.8	3	18.2
	1	99	17.0	16.7	16.7	3.3	18.2	16.7	16.7	16.8	3	18.2
	50	0	17.2	17.1	17.3	3.3	18.2	17.0	17.1	17.3	3	18.2
	50	24	17.3	17.1	17.2	3.3	18.2	17.2	17.1	17.2	3	18.2
	50	50	17.3	17.2	17.2	3.3	18.2	17.1	17.2	17.2	3	18.2
	100	0	17.3	17.2	17.2	3.3	18.2	17.2	17.1	17.3	3	18.2

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		
QPSK	1	0	19.9	19.8	19.9	0	21.5	20.0	20.0	20.1	0	21.2
	1	37	19.7	19.8	19.7	0	21.5	20.0	19.9	20.0	0	21.2
	1	74	19.8	19.7	19.8	0	21.5	19.9	19.9	20.0	0	21.2
	36	0	19.9	19.8	19.8	0	21.5	19.9	19.9	20.0	0	21.2
	36	20	19.7	19.8	19.8	0	21.5	20.0	19.9	20.0	0	21.2
	36	39	19.7	19.8	19.8	0	21.5	20.0	20.1	20.0	0	21.2
	75	0	19.7	19.8	19.8	0	21.5	19.9	19.9	20.0	0	21.2
16QAM	1	0	20.1	20.0	19.9	0	21.5	20.3	20.2	20.4	0	21.2
	1	37	19.9	19.9	19.9	0	21.5	20.1	20.2	20.3	0	21.2
	1	74	20.0	19.8	19.9	0	21.5	20.1	20.3	20.3	0	21.2
	36	0	19.8	19.8	19.7	0.3	21.2	19.9	19.9	20.0	0	21.2
	36	20	19.8	19.7	19.7	0.3	21.2	19.9	19.9	20.0	0	21.2
	36	39	19.8	19.8	19.7	0.3	21.2	20.0	20.0	20.0	0	21.2
	75	0	19.8	19.8	19.7	0.3	21.2	19.9	19.9	20.0	0	21.2
64QAM	1	0	20.1	20.2	20.5	0.3	21.2	19.9	19.7	20.0	0	21.2
	1	37	20.0	20.0	20.5	0.3	21.2	19.8	19.8	19.8	0	21.2
	1	74	20.1	20.0	20.5	0.3	21.2	19.8	19.8	19.9	0	21.2
	36	0	19.6	19.6	19.4	1.3	20.2	19.1	19.1	19.2	1	20.2
	36	20	19.6	19.5	19.4	1.3	20.2	19.1	19.1	19.2	1	20.2
	36	39	19.6	19.5	19.4	1.3	20.2	19.2	19.2	19.1	1	20.2
	75	0	19.6	19.5	19.4	1.3	20.2	19.1	19.1	19.2	1	20.2
256QAM	1	0	17.5	17.3	17.1	3.3	18.2	17.0	16.9	17.1	3	18.2
	1	37	17.3	17.1	17.1	3.3	18.2	16.9	16.8	16.8	3	18.2
	1	74	17.3	17.2	17.1	3.3	18.2	16.8	16.8	16.9	3	18.2
	36	0	17.6	17.6	17.4	3.3	18.2	17.1	17.1	17.2	3	18.2
	36	20	17.6	17.5	17.4	3.3	18.2	17.1	17.1	17.2	3	18.2
	36	39	17.6	17.5	17.4	3.3	18.2	17.2	17.2	17.2	3	18.2
	75	0	17.6	17.5	17.5	3.3	18.2	17.1	17.1	17.2	3	18.2

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LTE Band 7 Measured Results (ANT4, Power State 1) (continued)

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		
QPSK	1	0	20.0	19.9	19.9	0	21.5	20.1	20.0	20.1	0	21.2
	1	25	19.9	19.8	19.9	0	21.5	19.9	20.0	20.1	0	21.2
	1	49	19.9	19.9	19.9	0	21.5	20.1	20.1	20.1	0	21.2
	25	0	20.0	19.8	19.9	0	21.5	20.0	20.0	20.1	0	21.2
	25	12	19.9	19.8	19.8	0	21.5	19.9	20.0	20.0	0	21.2
	25	25	19.9	19.8	19.9	0	21.5	20.0	20.1	20.1	0	21.2
	50	0	19.9	19.9	19.9	0	21.5	20.0	20.0	20.1	0	21.2
16QAM	1	0	20.1	20.0	20.0	0	21.5	20.4	20.1	20.2	0	21.2
	1	25	20.0	19.9	20.0	0	21.5	20.2	20.2	20.3	0	21.2
	1	49	20.0	20.0	20.0	0	21.5	20.3	20.3	20.3	0	21.2
	25	0	19.9	19.8	19.8	0.3	21.2	20.0	19.9	20.0	0	21.2
	25	12	19.8	19.8	19.8	0.3	21.2	19.9	19.9	20.0	0	21.2
	25	25	19.8	19.8	19.8	0.3	21.2	20.0	20.0	20.0	0	21.2
	50	0	19.8	19.9	19.9	0.3	21.2	19.9	20.0	20.0	0	21.2
64QAM	1	0	20.1	20.2	20.2	0.3	21.2	20.0	19.9	19.9	0	21.2
	1	25	20.1	20.0	20.2	0.3	21.2	19.7	19.8	19.9	0	21.2
	1	49	20.1	20.1	20.2	0.3	21.2	19.9	19.9	19.9	0	21.2
	25	0	19.6	19.5	19.6	1.3	20.2	19.2	19.2	19.2	1	20.2
	25	12	19.5	19.5	19.6	1.3	20.2	19.1	19.1	19.2	1	20.2
	25	25	19.5	19.5	19.7	1.3	20.2	19.1	19.2	19.2	1	20.2
	50	0	19.6	19.6	19.7	1.3	20.2	19.1	19.1	19.2	1	20.2
256QAM	1	0	17.4	17.4	17.4	3.3	18.2	17.0	16.8	16.9	3	18.2
	1	25	17.2	17.2	17.4	3.3	18.2	16.8	16.9	16.8	3	18.2
	1	49	17.4	17.3	17.4	3.3	18.2	17.0	16.8	16.9	3	18.2
	25	0	17.6	17.6	17.6	3.3	18.2	17.2	17.1	17.2	3	18.2
	25	12	17.5	17.6	17.6	3.3	18.2	17.1	17.1	17.1	3	18.2
	25	25	17.6	17.6	17.7	3.3	18.2	17.2	17.2	17.2	3	18.2
	50	0	17.6	17.6	17.7	3.3	18.2	17.1	17.2	17.2	3	18.2

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		
QPSK	1	0	19.9	19.8	19.9	0	21.5	20.2	20.0	20.1	0	21.2
	1	12	19.8	19.8	19.8	0	21.5	20.1	19.9	20.0	0	21.2
	1	24	19.8	19.8	19.9	0	21.5	20.1	20.0	20.1	0	21.2
	12	0	19.9	19.8	19.9	0	21.5	20.1	19.9	20.1	0	21.2
	12	7	19.9	19.8	19.9	0	21.5	20.0	19.9	20.1	0	21.2
	12	13	19.9	19.8	19.9	0	21.5	20.1	20.0	20.1	0	21.2
	25	0	19.9	19.8	19.9	0	21.5	20.0	19.9	20.1	0	21.2
16QAM	1	0	20.1	19.9	20.0	0	21.5	20.4	20.3	20.4	0	21.2
	1	12	20.1	19.9	20.0	0	21.5	20.2	20.3	20.4	0	21.2
	1	24	20.1	19.9	20.0	0	21.5	20.3	20.4	20.4	0	21.2
	12	0	19.8	19.7	19.8	0.3	21.2	20.0	19.9	20.0	0	21.2
	12	7	19.8	19.7	19.8	0.3	21.2	20.0	19.9	20.0	0	21.2
	12	13	19.8	19.7	19.7	0.3	21.2	20.0	20.0	20.0	0	21.2
	25	0	19.9	19.7	19.8	0.3	21.2	20.0	19.9	20.0	0	21.2
64QAM	1	0	20.6	19.6	19.7	0.3	21.2	19.9	19.8	19.9	0	21.2
	1	12	20.6	19.6	19.7	0.3	21.2	19.7	19.8	19.9	0	21.2
	1	24	20.6	19.6	19.7	0.3	21.2	19.7	19.9	19.8	0	21.2
	12	0	19.5	19.1	19.2	1.3	20.2	19.1	19.1	19.2	1	20.2
	12	7	19.4	19.1	19.2	1.3	20.2	19.1	19.1	19.2	1	20.2
	12	13	19.4	19.2	19.2	1.3	20.2	19.1	19.1	19.2	1	20.2
	25	0	19.5	19.2	19.3	1.3	20.2	19.1	19.1	19.2	1	20.2
256QAM	1	0	17.2	16.8	17.0	3.3	18.2	16.9	16.8	16.9	3	18.2
	1	12	17.1	16.8	16.9	3.3	18.2	16.8	16.7	16.9	3	18.2
	1	24	17.2	16.9	16.9	3.3	18.2	16.8	16.8	16.9	3	18.2
	12	0	17.5	17.1	17.3	3.3	18.2	17.1	17.1	17.2	3	18.2
	12	7	17.5	17.1	17.2	3.3	18.2	17.1	17.1	17.2	3	18.2
	12	13	17.4	17.2	17.2	3.3	18.2	17.1	17.1	17.2	3	18.2
	25	0	17.5	17.1	17.3	3.3	18.2	17.1	17.1	17.2	3	18.2

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LTE Band 12 Measured Results (ANT1, Power State 1)

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	24.9	0	25.7	24.9	0	25.7
		1	25	24.8	0	25.7	24.8	0	25.7
		1	49	25.0	0	25.7	25.0	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	24.1	1	24.7	24.1	1	24.7
		50	0	24.2	1	24.7	24.2	1	24.7
	16QAM	1	0	24.1	1	24.7	24.1	1	24.7
		1	25	23.9	1	24.7	23.9	1	24.7
		1	49	24.0	1	24.7	24.0	1	24.7
		25	0	23.1	2	23.7	23.1	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	23.1	2	23.7	23.1	2	23.7
	64QAM	1	0	23.0	2	23.7	23.0	2	23.7
		1	25	22.8	2	23.7	22.8	2	23.7
		1	49	22.9	2	23.7	22.9	2	23.7
		25	0	22.1	3	22.7	22.1	3	22.7
		25	12	22.0	3	22.7	22.0	3	22.7
		25	25	22.1	3	22.7	22.1	3	22.7
		50	0	22.1	3	22.7	22.1	3	22.7
	256QAM	1	0	19.9	5	20.7	19.9	5	20.7
		1	25	19.7	5	20.7	19.7	5	20.7
		1	49	19.9	5	20.7	19.9	5	20.7
		25	0	20.1	5	20.7	20.1	5	20.7
		25	12	20.0	5	20.7	20.0	5	20.7
		25	25	20.0	5	20.7	20.0	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)			
				23035	23095	23155	MPR	23035	23095	23155	MPR
				701.5 MHz	707.5 MHz	713.5 MHz	Max Power	701.5 MHz	707.5 MHz	713.5 MHz	Max Power
5	QPSK	1	0	24.8	24.7	24.7	0 25.7	24.8	24.7	24.7	0 25.7
		1	12	24.7	24.6	24.8	0 25.7	24.7	24.6	24.8	0 25.7
		1	24	24.8	24.7	24.8	0 25.7	24.8	24.7	24.8	0 25.7
		12	0	24.3	24.1	24.2	1 24.7	24.3	24.1	24.2	1 24.7
		12	7	24.2	24.1	24.2	1 24.7	24.2	24.1	24.2	1 24.7
		12	13	24.2	24.1	24.2	1 24.7	24.2	24.1	24.2	1 24.7
		25	0	24.2	24.1	24.2	1 24.7	24.2	24.1	24.2	1 24.7
	16QAM	1	0	24.0	24.0	24.1	1 24.7	24.0	24.0	24.1	1 24.7
		1	12	24.0	23.9	24.2	1 24.7	24.0	23.9	24.2	1 24.7
		1	24	24.0	24.0	24.1	1 24.7	24.0	24.0	24.1	1 24.7
		12	0	23.3	23.1	23.2	2 23.7	23.3	23.1	23.2	2 23.7
		12	7	23.2	23.1	23.2	2 23.7	23.2	23.1	23.2	2 23.7
		12	13	23.1	23.1	23.2	2 23.7	23.1	23.1	23.2	2 23.7
		25	0	23.2	23.1	23.1	2 23.7	23.2	23.1	23.1	2 23.7
	64QAM	1	0	23.0	22.8	22.9	2 23.7	23.0	22.8	22.9	2 23.7
		1	12	22.9	22.7	22.9	2 23.7	22.9	22.7	22.9	2 23.7
		1	24	22.9	22.8	22.9	2 23.7	22.9	22.8	22.9	2 23.7
		12	0	22.3	22.1	22.2	3 22.7	22.3	22.1	22.2	3 22.7
		12	7	22.2	22.0	22.1	3 22.7	22.2	22.0	22.1	3 22.7
		12	13	22.1	22.0	22.2	3 22.7	22.1	22.0	22.2	3 22.7
		25	0	22.2	22.0	22.1	3 22.7	22.2	22.0	22.1	3 22.7
	256QAM	1	0	19.9	19.8	19.8	5 20.7	19.9	19.8	19.8	5 20.7
		1	12	19.9	19.7	19.9	5 20.7	19.9	19.7	19.9	5 20.7
		1	24	19.9	19.7	19.9	5 20.7	19.9	19.7	19.9	5 20.7
		12	0	20.2	20.0	20.1	5 20.7	20.2	20.0	20.1	5 20.7
		12	7	20.2	20.0	20.1	5 20.7	20.2	20.0	20.1	5 20.7
		12	13	20.1	20.0	20.1	5 20.7	20.1	20.0	20.1	5 20.7
		25	0	20.1	20.0	20.1	5 20.7	20.1	20.0	20.1	5 20.7

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LTE Band 12 Measured Results (ANT1, Power State 1) (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	24.4	24.6	0	25.7	24.6	24.4	24.6	0	25.7
		1	8	24.8	24.6	24.7	0	25.7	24.8	24.6	24.7	0	25.7
		1	14	24.6	24.4	24.5	0	25.7	24.6	24.4	24.5	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	24.2	24.1	24.2	1	24.7	24.2	24.1	24.2	1	24.7
		8	7	24.2	24.0	24.2	1	24.7	24.2	24.0	24.2	1	24.7
		15	0	24.2	24.0	24.2	1	24.7	24.2	24.0	24.2	1	24.7
	16QAM	1	0	23.9	23.7	23.9	1	24.7	23.9	23.7	23.9	1	24.7
		1	8	24.1	23.8	24.1	1	24.7	24.1	23.8	24.1	1	24.7
		1	14	23.9	23.6	23.8	1	24.7	23.9	23.6	23.8	1	24.7
		8	0	23.1	22.9	23.2	2	23.7	23.1	22.9	23.2	2	23.7
		8	4	23.2	23.0	23.2	2	23.7	23.2	23.0	23.2	2	23.7
		8	7	23.2	23.0	23.2	2	23.7	23.2	23.0	23.2	2	23.7
		15	0	23.2	23.0	23.1	2	23.7	23.2	23.0	23.1	2	23.7
	64QAM	1	0	22.7	22.7	22.7	2	23.7	22.7	22.7	22.7	2	23.7
		1	8	23.0	22.7	22.9	2	23.7	23.0	22.7	22.9	2	23.7
		1	14	22.8	22.6	22.7	2	23.7	22.8	22.6	22.7	2	23.7
		8	0	22.1	21.9	22.2	3	22.7	22.1	21.9	22.2	3	22.7
		8	4	22.2	22.0	22.1	3	22.7	22.2	22.0	22.1	3	22.7
		8	7	22.2	21.9	22.2	3	22.7	22.2	21.9	22.2	3	22.7
		15	0	22.2	21.9	22.1	3	22.7	22.2	21.9	22.1	3	22.7
	256QAM	1	0	19.7	19.5	19.7	5	20.7	19.7	19.5	19.7	5	20.7
		1	8	20.0	19.7	19.9	5	20.7	20.0	19.7	19.9	5	20.7
		1	14	19.8	19.5	19.6	5	20.7	19.8	19.5	19.6	5	20.7
		8	0	20.1	19.9	20.1	5	20.7	20.1	19.9	20.1	5	20.7
		8	4	20.2	19.9	20.1	5	20.7	20.2	19.9	20.1	5	20.7
		8	7	20.2	19.9	20.1	5	20.7	20.2	19.9	20.1	5	20.7
		15	0	20.1	19.9	20.1	5	20.7	20.1	19.9	20.1	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	24.4	24.5	0	25.7	24.6	24.4	24.5	0	25.7
		1	3	24.7	24.6	24.7	0	25.7	24.7	24.6	24.7	0	25.7
		1	5	24.6	24.4	24.5	0	25.7	24.6	24.4	24.5	0	25.7
		3	0	25.1	24.9	25.1	0	25.7	25.1	24.9	25.1	0	25.7
		3	1	25.2	25.0	25.1	0	25.7	25.2	25.0	25.1	0	25.7
		3	3	25.2	25.0	25.1	0	25.7	25.2	25.0	25.1	0	25.7
		6	0	24.1	23.9	24.0	1	24.7	24.1	23.9	24.0	1	24.7
	16QAM	1	0	23.9	23.7	23.7	1	24.7	23.9	23.7	23.7	1	24.7
		1	3	24.0	23.8	23.9	1	24.7	24.0	23.8	23.9	1	24.7
		1	5	24.0	23.6	23.8	1	24.7	24.0	23.6	23.8	1	24.7
		3	0	24.2	24.0	24.1	1	24.7	24.2	24.0	24.1	1	24.7
		3	1	24.3	24.0	24.2	1	24.7	24.3	24.0	24.2	1	24.7
		3	3	24.3	24.0	24.2	1	24.7	24.3	24.0	24.2	1	24.7
		6	0	23.1	22.9	23.0	2	23.7	23.1	22.9	23.0	2	23.7
	64QAM	1	0	22.6	22.6	22.8	2	23.7	22.6	22.6	22.8	2	23.7
		1	3	22.9	22.7	22.9	2	23.7	22.9	22.7	22.9	2	23.7
		1	5	22.7	22.5	22.7	2	23.7	22.7	22.5	22.7	2	23.7
		3	0	23.2	23.1	23.2	2	23.7	23.2	23.1	23.2	2	23.7
		3	1	23.2	23.1	23.2	2	23.7	23.2	23.1	23.2	2	23.7
		3	3	23.3	23.1	23.3	2	23.7	23.3	23.1	23.3	2	23.7
		6	0	22.1	21.9	22.1	3	22.7	22.1	21.9	22.1	3	22.7
	256QAM	1	0	19.6	19.5	19.8	5	20.7	19.6	19.5	19.8	5	20.7
		1	3	19.8	19.7	19.9	5	20.7	19.8	19.7	19.9	5	20.7
		1	5	19.7	19.5	19.7	5	20.7	19.7	19.5	19.7	5	20.7
		3	0	20.1	20.0	20.2	5	20.7	20.1	20.0	20.2	5	20.7
		3	1	20.1	20.1	20.2	5	20.7	20.1	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	20.1	19.9	20.1	5	20.7	20.1	19.9	20.1	5	20.7

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LTE Band 12 Measured Results (ANT2, Power State 1)

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	23.6	0	24.7	23.6	0	24.7
		1	25	24.0	0	24.7	24.0	0	24.7
		1	49	23.7	0	24.7	23.7	0	24.7
		25	0	23.2	1	23.7	23.2	1	23.7
		25	12	23.3	1	23.7	23.3	1	23.7
		25	25	23.2	1	23.7	23.2	1	23.7
		50	0	23.3	1	23.7	23.3	1	23.7
	16QAM	1	0	22.7	1	23.7	22.7	1	23.7
		1	25	22.8	1	23.7	22.8	1	23.7
		1	49	22.7	1	23.7	22.7	1	23.7
		25	0	21.7	2	22.7	21.7	2	22.7
		25	12	21.8	2	22.7	21.8	2	22.7
		25	25	21.8	2	22.7	21.8	2	22.7
		50	0	21.8	2	22.7	21.8	2	22.7
	64QAM	1	0	21.6	2	22.7	21.6	2	22.7
		1	25	21.7	2	22.7	21.7	2	22.7
		1	49	21.6	2	22.7	21.6	2	22.7
		25	0	20.8	3	21.7	20.8	3	21.7
		25	12	20.8	3	21.7	20.8	3	21.7
		25	25	20.8	3	21.7	20.8	3	21.7
		50	0	20.9	3	21.7	20.9	3	21.7
	256QAM	1	0	18.6	5	19.7	18.6	5	19.7
		1	25	18.7	5	19.7	18.7	5	19.7
		1	49	18.6	5	19.7	18.6	5	19.7
		25	0	18.8	5	19.7	18.8	5	19.7
		25	12	18.8	5	19.7	18.8	5	19.7
		25	25	18.8	5	19.7	18.8	5	19.7
		50	0	18.9	5	19.7	18.9	5	19.7

BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)				Mode B Power (dBm)			
				23035	23095	23155	MPR	23035	23095	23155	MPR
				701.5 MHz	707.5 MHz	713.5 MHz		701.5 MHz	707.5 MHz	713.5 MHz	
5	QPSK	1	0	23.2	23.4	23.4	0	23.2	23.4	23.4	0
		1	12	23.3	23.4	23.3	0	23.3	23.4	23.3	0
		1	24	23.3	23.4	23.4	0	23.3	23.4	23.4	0
		12	0	22.6	22.7	22.6	1	22.6	22.7	22.6	1
		12	7	22.6	22.7	22.6	1	22.6	22.7	22.6	1
		12	13	22.6	22.8	22.6	1	22.6	22.8	22.6	1
		25	0	22.6	22.7	22.6	1	22.6	22.7	22.6	1
	16QAM	1	0	22.6	22.6	22.7	1	22.6	22.6	22.7	1
		1	12	22.6	22.5	22.6	1	22.6	22.5	22.6	1
		1	24	22.6	22.6	22.6	1	22.6	22.6	22.6	1
		12	0	21.6	21.6	21.5	2	21.6	21.6	21.5	2
		12	7	21.6	21.6	21.5	2	21.6	21.6	21.5	2
		12	13	21.6	21.7	21.5	2	21.6	21.7	21.5	2
		25	0	21.6	21.6	21.5	2	21.6	21.6	21.5	2
	64QAM	1	0	21.4	21.6	21.6	2	21.4	21.6	21.6	2
		1	12	21.5	21.5	21.5	2	21.5	21.5	21.5	2
		1	24	21.4	21.6	21.5	2	21.4	21.6	21.5	2
		12	0	20.6	20.7	20.6	3	20.6	20.7	20.6	3
		12	7	20.6	20.7	20.6	3	20.6	20.7	20.6	3
		12	13	20.6	20.7	20.5	3	20.6	20.7	20.5	3
		25	0	20.6	20.7	20.5	3	20.6	20.7	20.5	3
	256QAM	1	0	18.3	18.5	18.5	5	18.3	18.5	18.5	5
		1	12	18.3	18.5	18.4	5	18.3	18.5	18.4	5
		1	24	18.4	18.5	18.4	5	18.4	18.5	18.4	5
		12	0	18.5	18.7	18.6	5	18.5	18.7	18.6	5
		12	7	18.6	18.7	18.6	5	18.6	18.7	18.6	5
		12	13	18.6	18.8	18.5	5	18.6	18.8	18.5	5
		25	0	18.6	18.7	18.6	5	18.6	18.7	18.6	5

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LTE Band 12 Measured Results (ANT2, Power State 1) (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	23.1	23.2	23.1	0	24.7	23.1	23.2	23.1	0	24.7
		1	8	23.3	23.4	23.3	0	24.7	23.3	23.4	23.3	0	24.7
		1	14	23.2	23.3	23.1	0	24.7	23.2	23.3	23.1	0	24.7
		8	0	22.5	22.6	22.5	1	23.7	22.5	22.6	22.5	1	23.7
		8	4	22.6	22.6	22.6	1	23.7	22.6	22.6	22.6	1	23.7
		8	7	22.6	22.6	22.5	1	23.7	22.6	22.6	22.5	1	23.7
		15	0	22.5	22.6	22.5	1	23.7	22.5	22.6	22.5	1	23.7
	16QAM	1	0	22.2	22.5	22.5	1	23.7	22.2	22.5	22.5	1	23.7
		1	8	22.4	22.7	22.5	1	23.7	22.4	22.7	22.5	1	23.7
		1	14	22.3	22.5	22.4	1	23.7	22.3	22.5	22.4	1	23.7
		8	0	21.4	21.6	21.4	2	22.7	21.4	21.6	21.4	2	22.7
		8	4	21.5	21.7	21.4	2	22.7	21.5	21.7	21.4	2	22.7
		8	7	21.5	21.7	21.4	2	22.7	21.5	21.7	21.4	2	22.7
		15	0	21.4	21.6	21.4	2	22.7	21.4	21.6	21.4	2	22.7
	64QAM	1	0	21.1	21.3	21.4	2	22.7	21.1	21.3	21.4	2	22.7
		1	8	21.3	21.5	21.5	2	22.7	21.3	21.5	21.5	2	22.7
		1	14	21.2	21.3	21.2	2	22.7	21.2	21.3	21.2	2	22.7
		8	0	20.5	20.6	20.5	3	21.7	20.5	20.6	20.5	3	21.7
		8	4	20.6	20.6	20.5	3	21.7	20.6	20.6	20.5	3	21.7
		8	7	20.5	20.6	20.5	3	21.7	20.5	20.6	20.5	3	21.7
		15	0	20.5	20.5	20.4	3	21.7	20.5	20.5	20.4	3	21.7
	256QAM	1	0	18.2	18.2	18.3	5	19.7	18.2	18.2	18.3	5	19.7
		1	8	18.4	18.4	18.5	5	19.7	18.4	18.4	18.5	5	19.7
		1	14	18.3	18.4	18.3	5	19.7	18.3	18.4	18.3	5	19.7
		8	0	18.4	18.5	18.5	5	19.7	18.4	18.5	18.5	5	19.7
		8	4	18.5	18.6	18.5	5	19.7	18.5	18.6	18.5	5	19.7
		8	7	18.5	18.6	18.5	5	19.7	18.5	18.6	18.5	5	19.7
		15	0	18.5	18.6	18.5	5	19.7	18.5	18.6	18.5	5	19.7

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	23.0	23.2	23.0	0	24.7	23.0	23.2	23.0	0	24.7
		1	3	23.2	23.4	23.2	0	24.7	23.2	23.4	23.2	0	24.7
		1	5	23.1	23.2	23.1	0	24.7	23.1	23.2	23.1	0	24.7
		3	0	23.3	23.5	23.5	0	24.7	23.3	23.5	23.5	0	24.7
		3	1	23.4	23.6	23.6	0	24.7	23.4	23.6	23.6	0	24.7
		3	3	23.4	23.6	23.5	0	24.7	23.4	23.6	23.5	0	24.7
		6	0	22.4	22.6	22.4	1	23.7	22.4	22.6	22.4	1	23.7
	16QAM	1	0	22.3	22.4	22.4	1	23.7	22.3	22.4	22.4	1	23.7
		1	3	22.4	22.6	22.7	1	23.7	22.4	22.6	22.7	1	23.7
		1	5	22.3	22.4	22.4	1	23.7	22.3	22.4	22.4	1	23.7
		3	0	22.5	22.6	22.6	1	23.7	22.5	22.6	22.6	1	23.7
		3	1	22.5	22.7	22.6	1	23.7	22.5	22.7	22.6	1	23.7
		3	3	22.5	22.7	22.7	1	23.7	22.5	22.7	22.7	1	23.7
		6	0	21.5	21.6	21.5	2	22.7	21.5	21.6	21.5	2	22.7
	64QAM	1	0	21.2	21.2	21.2	2	22.7	21.2	21.2	21.2	2	22.7
		1	3	21.4	21.5	21.4	2	22.7	21.4	21.5	21.4	2	22.7
		1	5	21.2	21.3	21.2	2	22.7	21.2	21.3	21.2	2	22.7
		3	0	21.4	21.7	21.5	2	22.7	21.4	21.7	21.5	2	22.7
		3	1	21.5	21.8	21.6	2	22.7	21.5	21.8	21.6	2	22.7
		3	3	21.5	21.8	21.6	2	22.7	21.5	21.8	21.6	2	22.7
		6	0	20.4	20.5	20.4	3	21.7	20.4	20.5	20.4	3	21.7
	256QAM	1	0	17.8	18.3	18.2	5	19.7	17.8	18.3	18.2	5	19.7
		1	3	18.2	18.5	18.5	5	19.7	18.2	18.5	18.5	5	19.7
		1	5	18.1	18.2	18.3	5	19.7	18.1	18.2	18.3	5	19.7
		3	0	18.4	18.7	18.6	5	19.7	18.4	18.7	18.6	5	19.7
		3	1	18.4	18.7	18.7	5	19.7	18.4	18.7	18.7	5	19.7
		3	3	18.4	18.7	18.6	5	19.7	18.4	18.7	18.6	5	19.7
		6	0	18.4	18.6	18.5	5	19.7	18.4	18.6	18.5	5	19.7

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LTE Band 13 Measured Results (ANT1, Power State 1)

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	25.2	0	25.7	25.2	0	25.7
		1	25	25.2	0	25.7	25.2	0	25.7
		1	49	25.1	0	25.7	25.1	0	25.7
		25	0	24.5	1	24.7	24.5	1	24.7
		25	12	24.6	1	24.7	24.6	1	24.7
		25	25	24.5	1	24.7	24.5	1	24.7
		50	0	24.6	1	24.7	24.6	1	24.7
	16QAM	1	0	24.2	1	24.7	24.2	1	24.7
		1	25	24.2	1	24.7	24.2	1	24.7
		1	49	24.1	1	24.7	24.1	1	24.7
		25	0	23.4	2	23.7	23.4	2	23.7
		25	12	23.4	2	23.7	23.4	2	23.7
		25	25	23.4	2	23.7	23.4	2	23.7
		50	0	23.5	2	23.7	23.5	2	23.7
	64QAM	1	0	23.1	2	23.7	23.1	2	23.7
		1	25	23.0	2	23.7	23.0	2	23.7
		1	49	23.0	2	23.7	23.0	2	23.7
		25	0	22.4	3	22.7	22.4	3	22.7
		25	12	22.3	3	22.7	22.3	3	22.7
		25	25	22.5	3	22.7	22.5	3	22.7
		50	0	22.6	3	22.7	22.6	3	22.7
	256QAM	1	0	20.1	5	20.7	20.1	5	20.7
		1	25	20.1	5	20.7	20.1	5	20.7
		1	49	20.1	5	20.7	20.1	5	20.7
		25	0	20.4	5	20.7	20.4	5	20.7
		25	12	20.4	5	20.7	20.4	5	20.7
		25	25	20.4	5	20.7	20.4	5	20.7
		50	0	20.5	5	20.7	20.5	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	25.0	0	25.7	25.0	0	25.7
		1	12	25.0	0	25.7	25.0	0	25.7
		1	24	25.0	0	25.7	25.0	0	25.7
		12	0	24.4	1	24.7	24.4	1	24.7
		12	7	24.4	1	24.7	24.4	1	24.7
		12	13	24.4	1	24.7	24.4	1	24.7
		25	0	24.5	1	24.7	24.5	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	24.4	1	24.7	24.4	1	24.7
		12	0	23.3	2	23.7	23.3	2	23.7
		12	7	23.4	2	23.7	23.4	2	23.7
		12	13	23.4	2	23.7	23.4	2	23.7
		25	0	23.4	2	23.7	23.4	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	22.3	3	22.7	22.3	3	22.7
		12	7	22.4	3	22.7	22.4	3	22.7
		12	13	22.4	3	22.7	22.4	3	22.7
		25	0	22.5	3	22.7	22.5	3	22.7
	256QAM	1	0	20.1	5	20.7	20.1	5	20.7
		1	12	20.1	5	20.7	20.1	5	20.7
		1	24	20.1	5	20.7	20.1	5	20.7
		12	0	20.3	5	20.7	20.3	5	20.7
		12	7	20.4	5	20.7	20.4	5	20.7
		12	13	20.4	5	20.7	20.4	5	20.7
		25	0	20.4	5	20.7	20.4	5	20.7

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LTE Band 13 Measured Results (ANT2, Power State 1)

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	23.1	0	23.7	23.6	0	24.7
		1	25	23.1	0	23.7	23.7	0	24.7
		1	49	23.2	0	23.7	23.7	0	24.7
		25	0	23.2	0	23.7	23.0	1	23.7
		25	12	23.1	0	23.7	23.1	1	23.7
		25	25	23.1	0	23.7	23.1	1	23.7
		50	0	23.3	0	23.7	23.1	1	23.7
	16QAM	1	0	23.0	0	23.7	23.0	1	23.7
		1	25	23.0	0	23.7	23.0	1	23.7
		1	49	23.1	0	23.7	22.9	1	23.7
		25	0	22.2	1	22.7	21.9	2	22.7
		25	12	22.1	1	22.7	22.0	2	22.7
		25	25	22.1	1	22.7	22.1	2	22.7
		50	0	22.2	1	22.7	22.1	2	22.7
	64QAM	1	0	22.0	1	22.7	21.9	2	22.7
		1	25	21.8	1	22.7	21.9	2	22.7
		1	49	21.9	1	22.7	21.9	2	22.7
		25	0	21.2	2	21.7	20.9	3	21.7
		25	12	21.1	2	21.7	20.9	3	21.7
		25	25	21.2	2	21.7	21.0	3	21.7
		50	0	21.3	2	21.7	21.1	3	21.7
	256QAM	1	0	18.8	4	19.7	18.9	5	19.7
		1	25	18.7	4	19.7	18.8	5	19.7
		1	49	18.9	4	19.7	18.8	5	19.7
		25	0	19.2	4	19.7	18.9	5	19.7
		25	12	19.1	4	19.7	19.0	5	19.7
		25	25	19.1	4	19.7	19.0	5	19.7
		50	0	19.2	4	19.7	19.0	5	19.7

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	23.2	0	23.7	23.1	0	24.7
		1	12	23.2	0	23.7	23.7	0	24.7
		1	24	23.2	0	23.7	23.8	0	24.7
		12	0	23.1	0	23.7	23.0	1	23.7
		12	7	23.1	0	23.7	23.1	1	23.7
		12	13	23.2	0	23.7	23.0	1	23.7
		25	0	23.2	0	23.7	23.1	1	23.7
	16QAM	1	0	23.1	0	23.7	23.0	1	23.7
		1	12	23.0	0	23.7	23.0	1	23.7
		1	24	23.0	0	23.7	23.1	1	23.7
		12	0	22.7	1	22.7	22.0	2	22.7
		12	7	22.7	1	22.7	21.9	2	22.7
		12	13	22.7	1	22.7	21.9	2	22.7
		25	0	22.7	1	22.7	22.0	2	22.7
	64QAM	1	0	21.9	1	22.7	21.9	2	22.7
		1	12	22.0	1	22.7	21.8	2	22.7
		1	24	21.9	1	22.7	22.0	2	22.7
		12	0	21.1	2	21.7	21.0	3	21.7
		12	7	21.1	2	21.7	21.0	3	21.7
		12	13	21.2	2	21.7	21.0	3	21.7
		25	0	21.2	2	21.7	21.0	3	21.7
	256QAM	1	0	18.9	4	19.7	18.9	5	19.7
		1	12	18.8	4	19.7	18.9	5	19.7
		1	24	18.8	4	19.7	19.0	5	19.7
		12	0	19.1	4	19.7	19.0	5	19.7
		12	7	19.0	4	19.7	19.0	5	19.7
		12	13	19.1	4	19.7	19.0	5	19.7
		25	0	19.1	4	19.7	19.0	5	19.7

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LTE Band 14 Measured Results (ANT1, Power State 1)

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	25.3	0	25.7	24.6	0	25.7
		1	25	25.3	0	25.7	24.7	0	25.7
		1	49	25.2	0	25.7	24.6	0	25.7
		25	0	24.5	1	24.7	24.1	1	24.7
		25	12	24.6	1	24.7	24.2	1	24.7
		25	25	24.5	1	24.7	24.1	1	24.7
		50	0	24.5	1	24.7	24.2	1	24.7
	16QAM	1	0	24.3	1	24.7	24.3	1	24.7
		1	25	24.3	1	24.7	24.3	1	24.7
		1	49	24.3	1	24.7	24.3	1	24.7
		25	0	23.5	2	23.7	23.5	2	23.7
		25	12	23.5	2	23.7	23.5	2	23.7
		25	25	23.4	2	23.7	23.4	2	23.7
		50	0	23.5	2	23.7	23.5	2	23.7
	64QAM	1	0	23.2	2	23.7	23.2	2	23.7
		1	25	23.1	2	23.7	23.1	2	23.7
		1	49	23.2	2	23.7	23.2	2	23.7
		25	0	22.5	3	22.7	22.5	3	22.7
		25	12	22.5	3	22.7	22.5	3	22.7
		25	25	22.4	3	22.7	22.4	3	22.7
		50	0	22.5	3	22.7	22.5	3	22.7
	256QAM	1	0	20.2	5	20.7	20.2	5	20.7
		1	25	20.1	5	20.7	20.1	5	20.7
		1	49	20.1	5	20.7	20.1	5	20.7
		25	0	20.5	5	20.7	20.5	5	20.7
		25	12	20.5	5	20.7	20.5	5	20.7
		25	25	20.4	5	20.7	20.4	5	20.7
		50	0	20.5	5	20.7	20.5	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	25.0	0	25.7	25.0	0	25.7
		1	12	25.0	0	25.7	25.0	0	25.7
		1	24	25.0	0	25.7	25.0	0	25.7
		12	0	24.5	1	24.7	24.5	1	24.7
		12	7	24.5	1	24.7	24.5	1	24.7
		12	13	24.5	1	24.7	24.5	1	24.7
		25	0	24.5	1	24.7	24.5	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	24.4	1	24.7	24.4	1	24.7
		12	0	23.5	2	23.7	23.5	2	23.7
		12	7	23.4	2	23.7	23.4	2	23.7
		12	13	23.4	2	23.7	23.4	2	23.7
		25	0	23.4	2	23.7	23.4	2	23.7
	64QAM	1	0	23.2	2	23.7	23.2	2	23.7
		1	12	23.1	2	23.7	23.1	2	23.7
		1	24	23.2	2	23.7	23.2	2	23.7
		12	0	22.5	3	22.7	22.5	3	22.7
		12	7	22.4	3	22.7	22.4	3	22.7
		12	13	22.4	3	22.7	22.4	3	22.7
		25	0	22.4	3	22.7	22.4	3	22.7
	256QAM	1	0	20.1	5	20.7	20.1	5	20.7
		1	12	20.0	5	20.7	20.0	5	20.7
		1	24	20.1	5	20.7	20.1	5	20.7
		12	0	20.5	5	20.7	20.5	5	20.7
		12	7	20.4	5	20.7	20.4	5	20.7
		12	13	20.4	5	20.7	20.4	5	20.7
		25	0	20.4	5	20.7	20.4	5	20.7

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LTE Band 14 Measured Results (ANT2, Power State 1)

(10/25/2024)

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	22.8	0	23.7	23.6	0	24.7
		1	25	22.8	0	23.7	23.8	0	24.7
		1	49	22.8	0	23.7	23.6	0	24.7
		25	0	23.0	0	23.7	23.0	1	23.7
		25	12	23.0	0	23.7	23.1	1	23.7
		25	25	23.0	0	23.7	23.1	1	23.7
		50	0	23.1	0	23.7	23.2	1	23.7
	16QAM	1	0	22.5	0	23.7	22.9	1	23.7
		1	25	22.7	0	23.7	23.0	1	23.7
		1	49	22.6	0	23.7	22.9	1	23.7
		25	0	21.9	1	22.7	22.0	2	22.7
		25	12	21.9	1	22.7	22.0	2	22.7
		25	25	22.0	1	22.7	22.0	2	22.7
		50	0	22.0	1	22.7	22.1	2	22.7
	64QAM	1	0	21.4	1	22.7	21.8	2	22.7
		1	25	21.6	1	22.7	21.9	2	22.7
		1	49	21.5	1	22.7	21.8	2	22.7
		25	0	20.9	2	21.7	21.0	3	21.7
		25	12	20.9	2	21.7	21.1	3	21.7
		25	25	21.0	2	21.7	21.1	3	21.7
		50	0	21.0	2	21.7	21.2	3	21.7
	256QAM	1	0	18.4	4	19.7	18.9	5	19.7
		1	25	18.6	4	19.7	19.0	5	19.7
		1	49	18.5	4	19.7	18.8	5	19.7
		25	0	18.8	4	19.7	19.0	5	19.7
		25	12	18.9	4	19.7	19.0	5	19.7
		25	25	18.9	4	19.7	19.0	5	19.7
		50	0	19.0	4	19.7	19.2	5	19.7

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	22.9	0	23.7	23.7	0	24.7
		1	12	23.0	0	23.7	23.8	0	24.7
		1	24	23.0	0	23.7	23.8	0	24.7
		12	0	22.9	0	23.7	23.0	1	23.7
		12	7	22.9	0	23.7	23.1	1	23.7
		12	13	23.0	0	23.7	23.2	1	23.7
		25	0	23.0	0	23.7	23.2	1	23.7
	16QAM	1	0	22.8	0	23.7	23.0	1	23.7
		1	12	22.9	0	23.7	23.1	1	23.7
		1	24	23.0	0	23.7	23.2	1	23.7
		12	0	21.9	1	22.7	22.0	2	22.7
		12	7	21.9	1	22.7	22.0	2	22.7
		12	13	22.0	1	22.7	22.1	2	22.7
		25	0	22.0	1	22.7	22.1	2	22.7
	64QAM	1	0	21.6	1	22.7	21.9	2	22.7
		1	12	21.7	1	22.7	22.0	2	22.7
		1	24	21.7	1	22.7	22.1	2	22.7
		12	0	20.8	2	21.7	21.0	3	21.7
		12	7	20.9	2	21.7	21.1	3	21.7
		12	13	20.9	2	21.7	21.1	3	21.7
		25	0	21.0	2	21.7	21.1	3	21.7
	256QAM	1	0	18.5	4	19.7	18.9	5	19.7
		1	12	18.6	4	19.7	19.0	5	19.7
		1	24	18.7	4	19.7	18.9	5	19.7
		12	0	18.8	4	19.7	19.0	5	19.7
		12	7	18.9	4	19.7	19.0	5	19.7
		12	13	18.9	4	19.7	19.1	5	19.7
		25	0	18.9	4	19.7	19.1	5	19.7

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LTE Band 25 Measured Results (ANT1, Power State 1)

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	24.9	24.7	24.8	0	25.7	18.4	18.3	18.4	0	19.7
		1	49	25.0	25.0	25.0	0	25.7	18.4	18.4	18.4	0	19.7
		1	99	24.7	24.7	24.8	0	25.7	18.3	18.2	18.3	0	19.7
		50	0	24.3	24.3	24.2	1	24.7	18.4	18.4	18.4	0	19.7
		50	24	24.3	24.3	24.2	1	24.7	18.4	18.4	18.4	0	19.7
		50	50	24.2	24.3	24.2	1	24.7	18.4	18.4	18.4	0	19.7
		100	0	24.3	24.4	24.3	1	24.7	18.4	18.4	18.4	0	19.7
	16QAM	1	0	24.2	24.3	24.2	1	24.7	19.0	18.9	18.9	0	19.7
		1	49	24.3	24.6	24.4	1	24.7	19.2	19.2	19.2	0	19.7
		1	99	24.1	24.2	24.3	1	24.7	18.9	18.9	18.9	0	19.7
		50	0	23.5	23.4	23.4	2	23.7	18.8	18.8	18.7	0	19.7
		50	24	23.5	23.5	23.4	2	23.7	18.8	18.8	18.7	0	19.7
		50	50	23.4	23.4	23.4	2	23.7	18.7	18.7	18.7	0	19.7
		100	0	23.6	23.6	23.4	2	23.7	18.9	18.9	18.7	0	19.7
	64QAM	1	0	23.1	22.9	23.0	2	23.7	18.9	18.7	18.8	0	19.7
		1	49	23.2	23.3	23.2	2	23.7	18.9	18.9	18.8	0	19.7
		1	99	22.9	23.1	23.1	2	23.7	18.7	18.6	18.7	0	19.7
		50	0	22.5	22.5	22.5	3	22.7	18.8	18.8	18.7	0	19.7
		50	24	22.6	22.5	22.5	3	22.7	18.8	18.8	18.7	0	19.7
		50	50	22.4	22.4	22.4	3	22.7	18.8	18.7	18.6	0	19.7
		100	0	22.6	22.6	22.5	3	22.7	18.9	18.9	18.8	0	19.7
	256QAM	1	0	20.2	20.0	20.1	5	20.7	19.1	18.8	18.8	0	19.7
		1	49	20.3	20.3	20.2	5	20.7	19.1	19.1	18.9	0	19.7
		1	99	19.9	20.0	20.0	5	20.7	18.8	18.7	18.8	0	19.7
		50	0	20.5	20.5	20.4	5	20.7	18.8	18.7	18.7	0	19.7
		50	24	20.5	20.5	20.4	5	20.7	18.8	18.8	18.7	0	19.7
		50	50	20.4	20.4	20.4	5	20.7	18.7	18.7	18.7	0	19.7
		100	0	20.6	20.5	20.5	5	20.7	18.8	18.9	18.7	0	19.7

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				26115	26365	26615	MPR	Max Power	26115	26365	26615	MPR	Max Power
				1857.5 MHz	1882.5 MHz	1907.5 MHz			1857.5 MHz	1882.5 MHz	1907.5 MHz		
15	QPSK	1	0	25.0	25.0	25.0	0	25.7	18.8	18.8	18.7	0	19.7
		1	37	25.1	25.0	24.9	0	25.7	18.8	18.9	18.8	0	19.7
		1	74	25.0	24.8	25.0	0	25.7	18.7	18.6	18.7	0	19.7
		36	0	24.5	24.5	24.5	1	24.7	18.8	18.8	18.8	0	19.7
		36	20	24.5	24.5	24.5	1	24.7	18.8	18.8	18.8	0	19.7
		36	39	24.5	24.5	24.5	1	24.7	18.8	18.7	18.7	0	19.7
		75	0	24.6	24.6	24.5	1	24.7	18.8	18.8	18.7	0	19.7
	16QAM	1	0	24.4	24.3	24.3	1	24.7	19.2	19.1	18.8	0	19.7
		1	37	24.4	24.3	24.3	1	24.7	19.2	19.2	18.9	0	19.7
		1	74	24.2	24.1	24.2	1	24.7	19.0	18.9	18.8	0	19.7
		36	0	23.5	23.4	23.4	2	23.7	18.8	18.7	18.7	0	19.7
		36	20	23.5	23.5	23.4	2	23.7	18.8	18.8	18.6	0	19.7
		36	39	23.5	23.4	23.4	2	23.7	18.8	18.7	18.6	0	19.7
		75	0	23.6	23.5	23.4	2	23.7	18.8	18.8	18.7	0	19.7
	64QAM	1	0	23.3	23.3	23.1	2	23.7	19.0	19.0	18.8	0	19.7
		1	37	23.1	23.1	23.2	2	23.7	19.0	19.0	18.9	0	19.7
		1	74	23.2	23.0	23.1	2	23.7	18.8	18.8	18.9	0	19.7
		36	0	22.5	22.4	22.4	3	22.7	18.8	18.7	18.7	0	19.7
		36	20	22.5	22.5	22.4	3	22.7	18.8	18.8	18.7	0	19.7
		36	39	22.5	22.4	22.4	3	22.7	18.8	18.7	18.6	0	19.7
		75	0	22.6	22.5	22.4	3	22.7	18.8	18.8	18.7	0	19.7
	256QAM	1	0	20.3	20.1	20.1	5	20.7	19.1	18.9	18.8	0	19.7
		1	37	20.1	20.2	20.1	5	20.7	18.9	19.0	18.8	0	19.7
		1	74	20.2	20.0	20.1	5	20.7	18.9	18.7	18.9	0	19.7
		36	0	20.5	20.4	20.4	5	20.7	18.8	18.8	18.7	0	19.7
		36	20	20.5	20.5	20.5	5	20.7	18.8	18.8	18.7	0	19.7
		36	39	20.5	20.4	20.4	5	20.7	18.8	18.7	18.6	0	19.7
		75	0	20.5	20.5	20.5	5	20.7	18.9	18.8	18.7	0	19.7

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LTE Band 25 Measured Results (ANT1, Power State 1) (continued)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				26090	26365	26640	MPR	Max Power	26090	26365	26640	MPR	Max Power
				1855 MHz	1882.5 MHz	1910 MHz			1855 MHz	1882.5 MHz	1910 MHz		
10	QPSK	1	0	25.1	25.1	25.0	0	25.7	18.9	18.9	18.7	0	19.7
		1	25	25.1	25.1	25.0	0	25.7	19.0	18.9	18.7	0	19.7
		1	49	25.1	25.0	25.0	0	25.7	18.9	18.8	18.7	0	19.7
		25	0	24.6	24.6	24.5	1	24.7	18.9	18.9	18.8	0	19.7
		25	12	24.7	24.6	24.5	1	24.7	18.9	18.9	18.7	0	19.7
		25	25	24.7	24.6	24.5	1	24.7	18.9	18.9	18.7	0	19.7
		50	0	24.7	24.7	24.6	1	24.7	19.0	18.9	18.8	0	19.7
	16QAM	1	0	24.5	24.4	24.3	1	24.7	19.1	19.0	19.0	0	19.7
		1	25	24.5	24.5	24.2	1	24.7	19.2	19.1	18.9	0	19.7
		1	49	24.4	24.4	24.3	1	24.7	19.1	19.0	18.9	0	19.7
		25	0	23.6	23.6	23.5	2	23.7	18.9	18.8	18.7	0	19.7
		25	12	23.6	23.6	23.4	2	23.7	18.9	18.8	18.6	0	19.7
		25	25	23.6	23.6	23.4	2	23.7	18.9	18.8	18.6	0	19.7
		50	0	23.7	23.6	23.4	2	23.7	19.0	18.8	18.7	0	19.7
	64QAM	1	0	23.4	23.3	23.2	2	23.7	19.0	19.0	18.9	0	19.7
		1	25	23.3	23.2	23.1	2	23.7	19.1	19.0	18.8	0	19.7
		1	49	23.2	23.2	23.2	2	23.7	19.1	19.0	18.8	0	19.7
		25	0	22.6	22.5	22.5	3	22.7	18.9	18.8	18.7	0	19.7
		25	12	22.6	22.6	22.4	3	22.7	18.9	18.9	18.6	0	19.7
		25	25	22.6	22.6	22.4	3	22.7	18.9	18.9	18.6	0	19.7
		50	0	22.6	22.6	22.5	3	22.7	19.0	18.9	18.7	0	19.7
	256QAM	1	0	20.3	20.2	20.1	5	20.7	19.1	19.0	18.9	0	19.7
		1	25	20.4	20.3	20.1	5	20.7	19.1	19.0	18.8	0	19.7
		1	49	20.3	20.2	20.1	5	20.7	19.1	19.0	18.8	0	19.7
		25	0	20.6	20.5	20.5	5	20.7	18.9	18.8	18.7	0	19.7
		25	12	20.6	20.5	20.4	5	20.7	18.9	18.9	18.7	0	19.7
		25	25	20.6	20.6	20.4	5	20.7	18.9	18.9	18.6	0	19.7
		50	0	20.6	20.6	20.5	5	20.7	19.0	18.9	18.7	0	19.7

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				26065	26365	26665	MPR	Max Power	26065	26365	26665	MPR	Max Power
				1852.5 MHz	1882.5 MHz	1912.5 MHz			1852.5 MHz	1882.5 MHz	1912.5 MHz		
5	QPSK	1	0	25.2	25.1	25.1	0	25.7	18.9	18.9	18.8	0	19.7
		1	12	25.2	25.1	25.0	0	25.7	18.8	18.8	18.7	0	19.7
		1	24	25.2	25.2	25.1	0	25.7	18.9	18.9	18.7	0	19.7
		12	0	24.6	24.6	24.5	1	24.7	18.8	18.8	18.8	0	19.7
		12	7	24.6	24.6	24.5	1	24.7	18.8	18.8	18.7	0	19.7
		12	13	24.6	24.5	24.5	1	24.7	18.8	18.8	18.7	0	19.7
		25	0	24.6	24.6	24.5	1	24.7	18.9	18.9	18.8	0	19.7
	16QAM	1	0	24.5	24.5	24.3	1	24.7	19.3	19.2	19.1	0	19.7
		1	12	24.5	24.5	24.3	1	24.7	19.2	19.1	19.0	0	19.7
		1	24	24.5	24.5	24.4	1	24.7	19.3	19.2	19.1	0	19.7
		12	0	23.6	23.5	23.5	2	23.7	18.8	18.8	18.7	0	19.7
		12	7	23.6	23.5	23.5	2	23.7	18.8	18.8	18.7	0	19.7
		12	13	23.6	23.5	23.5	2	23.7	18.8	18.8	18.7	0	19.7
		25	0	23.6	23.6	23.5	2	23.7	18.8	18.8	18.7	0	19.7
	64QAM	1	0	23.4	23.4	23.2	2	23.7	19.0	19.0	18.9	0	19.7
		1	12	23.3	23.3	23.0	2	23.7	19.0	19.0	18.8	0	19.7
		1	24	23.4	23.4	23.2	2	23.7	19.1	19.0	18.9	0	19.7
		12	0	22.6	22.5	22.4	3	22.7	18.8	18.8	18.7	0	19.7
		12	7	22.6	22.5	22.4	3	22.7	18.8	18.8	18.7	0	19.7
		12	13	22.6	22.5	22.4	3	22.7	18.8	18.8	18.7	0	19.7
		25	0	22.6	22.6	22.5	3	22.7	18.8	18.8	18.7	0	19.7
	256QAM	1	0	20.3	20.3	20.1	5	20.7	19.0	19.0	18.9	0	19.7
		1	12	20.2	20.2	20.0	5	20.7	19.0	19.0	18.8	0	19.7
		1	24	20.3	20.3	20.1	5	20.7	19.1	19.0	18.9	0	19.7
		12	0	20.6	20.5	20.4	5	20.7	18.8	18.8	18.7	0	19.7
		12	7	20.5	20.5	20.4	5	20.7	18.8	18.8	18.7	0	19.7
		12	13	20.5	20.5	20.4	5	20.7	18.8	18.8	18.7	0	19.7
		25	0	20.6	20.5	20.4	5	20.7	18.8	18.8	18.7	0	19.7

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LTE Band 25 Measured Results (ANT1, Power State 1) (continued)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				26055	26365	26675	MPR	Max Power	26055	26365	26675	MPR	Max Power
				1851.5 MHz	1882.5 MHz	1913.5 MHz			1851.5 MHz	1882.5 MHz	1913.5 MHz		
3	QPSK	1	0	25.0	25.0	24.8	0	25.7	18.7	18.7	18.5	0	19.7
		1	8	25.2	25.1	25.0	0	25.7	18.9	18.8	18.7	0	19.7
		1	14	24.9	25.0	24.8	0	25.7	18.7	18.6	18.5	0	19.7
		8	0	24.5	24.5	24.4	1	24.7	18.8	18.7	18.6	0	19.7
		8	4	24.5	24.5	24.4	1	24.7	18.8	18.8	18.7	0	19.7
		8	7	24.5	24.5	24.4	1	24.7	18.8	18.8	18.7	0	19.7
		15	0	24.5	24.5	24.4	1	24.7	18.7	18.7	18.6	0	19.7
	16QAM	1	0	24.2	24.1	24.1	1	24.7	18.9	19.0	18.7	0	19.7
		1	8	24.3	24.4	24.3	1	24.7	19.1	19.2	18.9	0	19.7
		1	14	24.1	24.2	24.1	1	24.7	18.9	19.0	18.8	0	19.7
		8	0	23.5	23.5	23.3	2	23.7	18.7	18.7	18.6	0	19.7
		8	4	23.5	23.5	23.4	2	23.7	18.7	18.8	18.6	0	19.7
		8	7	23.5	23.5	23.4	2	23.7	18.8	18.8	18.7	0	19.7
		15	0	23.5	23.5	23.3	2	23.7	18.7	18.7	18.6	0	19.7
	64QAM	1	0	23.1	23.1	22.9	2	23.7	18.8	18.8	18.5	0	19.7
		1	8	23.2	23.3	23.1	2	23.7	19.0	19.0	18.7	0	19.7
		1	14	23.1	23.1	23.1	2	23.7	18.8	18.7	18.6	0	19.7
		8	0	22.5	22.5	22.4	3	22.7	18.7	18.7	18.6	0	19.7
		8	4	22.5	22.5	22.4	3	22.7	18.8	18.8	18.6	0	19.7
		8	7	22.5	22.5	22.4	3	22.7	18.8	18.8	18.6	0	19.7
		15	0	22.4	22.5	22.4	3	22.7	18.7	18.7	18.6	0	19.7
	256QAM	1	0	20.0	20.1	19.8	5	20.7	18.8	18.8	18.6	0	19.7
		1	8	20.2	20.3	20.1	5	20.7	19.0	18.9	18.7	0	19.7
		1	14	20.0	20.1	20.0	5	20.7	18.8	18.8	18.6	0	19.7
		8	0	20.5	20.5	20.3	5	20.7	18.7	18.8	18.5	0	19.7
		8	4	20.5	20.5	20.4	5	20.7	18.8	18.8	18.6	0	19.7
		8	7	20.5	20.5	20.4	5	20.7	18.8	18.8	18.6	0	19.7
		15	0	20.4	20.5	20.3	5	20.7	18.7	18.7	18.6	0	19.7

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				26047	26365	26683	MPR	Max Power	26047	26365	26683	MPR	Max Power
				1850.7 MHz	1882.5 MHz	1914.3 MHz			1850.7 MHz	1882.5 MHz	1914.3 MHz		
1.4	QPSK	1	0	24.9	24.9	24.8	0	25.7	18.7	18.6	18.5	0	19.7
		1	3	25.1	25.0	25.1	0	25.7	18.9	18.8	18.7	0	19.7
		1	5	24.9	24.9	24.9	0	25.7	18.7	18.6	18.5	0	19.7
		3	0	25.5	25.4	25.4	0	25.7	18.7	18.7	18.5	0	19.7
		3	1	25.5	25.5	25.4	0	25.7	18.8	18.7	18.6	0	19.7
		3	3	25.5	25.5	25.4	0	25.7	18.8	18.7	18.6	0	19.7
		6	0	24.5	24.5	24.4	1	24.7	18.8	18.7	18.6	0	19.7
	16QAM	1	0	24.4	24.1	24.1	1	24.7	18.9	18.9	18.6	0	19.7
		1	3	24.4	24.3	24.3	1	24.7	19.0	19.0	18.8	0	19.7
		1	5	24.2	24.1	24.2	1	24.7	18.9	18.8	18.7	0	19.7
		3	0	24.6	24.6	24.6	1	24.7	18.9	18.8	18.7	0	19.7
		3	1	24.7	24.7	24.6	1	24.7	18.9	18.9	18.7	0	19.7
		3	3	24.7	24.7	24.6	1	24.7	18.9	18.9	18.7	0	19.7
		6	0	23.5	23.5	23.4	2	23.7	18.7	18.7	18.6	0	19.7
	64QAM	1	0	23.1	23.1	22.9	2	23.7	18.9	18.8	18.6	0	19.7
		1	3	23.3	23.3	23.1	2	23.7	19.1	19.1	18.8	0	19.7
		1	5	23.0	23.1	22.9	2	23.7	18.9	18.8	18.5	0	19.7
		3	0	23.6	23.6	23.4	2	23.7	18.8	18.8	18.6	0	19.7
		3	1	23.7	23.6	23.4	2	23.7	18.9	18.8	18.7	0	19.7
		3	3	23.6	23.6	23.5	2	23.7	18.8	18.8	18.7	0	19.7
		6	0	22.5	22.5	22.3	3	22.7	18.7	18.7	18.5	0	19.7
	256QAM	1	0	20.1	20.0	19.8	5	20.7	18.8	18.8	18.5	0	19.7
		1	3	20.3	20.2	20.1	5	20.7	19.0	19.0	18.7	0	19.7
		1	5	20.1	20.0	19.8	5	20.7	18.7	18.8	18.6	0	19.7
		3	0	20.5	20.5	20.4	5	20.7	18.8	18.8	18.6	0	19.7
		3	1	20.6	20.6	20.4	5	20.7	18.9	18.9	18.6	0	19.7
		3	3	20.6	20.6	20.4	5	20.7	18.9	18.9	18.6	0	19.7
		6	0	20.5	20.5	20.3	5	20.7	18.7	18.7	18.6	0	19.7

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LTE Band 25 Measured Results (ANT2, Power State 1)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				26140	26365	26590	MPR	Max Power	26140.0	26365	26590	MPR	Max Power
				1860 MHz	1882.5 MHz	1905 MHz			1860 MHz	1882.5 MHz	1905 MHz		
20	QPSK	1	0	19.7	19.7	19.6	0	21.0	20.1	20.1	20.1	0	21.3
		1	49	19.9	19.9	19.7	0	21.0	20.3	20.3	20.2	0	21.3
		1	99	19.7	19.7	19.5	0	21.0	20.1	20.1	19.9	0	21.3
		50	0	19.9	19.9	19.8	0	21.0	20.3	20.3	20.2	0	21.3
		50	24	19.9	19.9	19.8	0	21.0	20.3	20.3	20.2	0	21.3
		50	50	19.9	19.8	19.7	0	21.0	20.3	20.2	20.2	0	21.3
		100	0	20.0	19.9	19.8	0	21.0	20.4	20.3	20.3	0	21.3
	16QAM	1	0	20.0	19.9	20.0	0	21.0	20.4	20.4	20.3	0	21.3
		1	49	20.3	20.1	20.1	0	21.0	20.6	20.6	20.4	0	21.3
		1	99	20.1	19.9	19.8	0	21.0	20.4	20.5	20.1	0	21.3
		50	0	19.8	19.8	19.7	0	21.0	20.2	20.2	20.1	0	21.3
		50	24	19.9	19.8	19.6	0	21.0	20.3	20.2	20.1	0	21.3
		50	50	19.9	19.8	19.6	0	21.0	20.3	20.2	20.1	0	21.3
		100	0	19.9	19.9	19.7	0	21.0	20.4	20.3	20.1	0	21.3
	64QAM	1	0	20.0	19.9	19.8	0	21.0	20.4	20.3	20.3	0	21.3
		1	49	20.3	20.0	19.9	0	21.0	20.5	20.4	20.3	0	21.3
		1	99	20.0	19.9	19.6	0	21.0	20.3	20.3	20.1	0	21.3
		50	0	19.9	19.8	19.8	0.3	20.7	20.0	19.9	19.8	0.6	20.7
		50	24	20.0	19.8	19.7	0.3	20.7	20.0	19.9	19.7	0.6	20.7
		50	50	19.9	19.8	19.6	0.3	20.7	20.0	19.9	19.7	0.6	20.7
		100	0	19.9	19.9	19.7	0.3	20.7	20.0	20.0	19.8	0.6	20.7
	256QAM	1	0	17.7	17.6	17.5	2.3	18.7	17.6	17.7	17.6	2.6	18.7
		1	49	17.9	17.8	17.6	2.3	18.7	17.8	17.8	17.7	2.6	18.7
		1	99	17.7	17.7	17.4	2.3	18.7	17.6	17.7	17.5	2.6	18.7
		50	0	17.9	17.9	17.8	2.3	18.7	18.0	18.0	17.8	2.6	18.7
		50	24	17.9	17.9	17.7	2.3	18.7	18.0	18.0	17.8	2.6	18.7
		50	50	17.9	17.8	17.7	2.3	18.7	18.0	17.9	17.7	2.6	18.7
		100	0	18.0	17.9	17.8	2.3	18.7	18.1	18.0	17.8	2.6	18.7

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				26115	26365	26615	MPR	Max Power	26115.0	26365	26615	MPR	Max Power
				1857.5 MHz	1882.5 MHz	1907.5 MHz			1857.5 MHz	1882.5 MHz	1907.5 MHz		
15	QPSK	1	0	19.8	19.9	19.8	0	21.0	20.0	20.0	19.9	0	21.3
		1	37	19.9	19.9	19.7	0	21.0	20.0	20.0	19.9	0	21.3
		1	74	19.9	19.8	19.6	0	21.0	20.0	20.0	19.7	0	21.3
		36	0	19.9	19.9	19.7	0	21.0	20.0	20.0	19.8	0	21.3
		36	20	19.9	19.9	19.7	0	21.0	20.0	20.0	19.8	0	21.3
		36	39	19.9	19.8	19.7	0	21.0	20.1	20.0	19.8	0	21.3
		75	0	19.9	19.9	19.7	0	21.0	20.0	20.0	19.9	0	21.3
	16QAM	1	0	20.2	20.1	19.9	0	21.0	20.2	20.3	20.2	0	21.3
		1	37	20.2	20.1	19.9	0	21.0	20.3	20.4	20.1	0	21.3
		1	74	20.2	20.1	19.7	0	21.0	20.3	20.4	20.0	0	21.3
		36	0	19.8	19.8	19.6	0	21.0	20.0	20.0	19.8	0	21.3
		36	20	19.8	19.8	19.6	0	21.0	20.0	20.0	19.8	0	21.3
		36	39	19.9	19.7	19.6	0	21.0	20.0	19.9	19.8	0	21.3
		75	0	19.9	19.8	19.6	0	21.0	20.0	20.0	19.8	0	21.3
	64QAM	1	0	20.2	20.0	20.0	0	21.0	20.3	20.2	20.1	0	21.3
		1	37	20.1	20.1	19.8	0	21.0	20.2	20.1	19.9	0	21.3
		1	74	20.2	20.0	19.7	0	21.0	20.2	20.1	19.8	0	21.3
		36	0	19.9	19.9	19.6	0.3	20.7	19.6	19.7	19.5	0.6	20.7
		36	20	19.9	19.8	19.6	0.3	20.7	19.7	19.7	19.5	0.6	20.7
		36	39	19.9	19.7	19.6	0.3	20.7	19.7	19.6	19.5	0.6	20.7
		75	0	19.9	19.9	19.7	0.3	20.7	19.7	19.7	19.5	0.6	20.7
	256QAM	1	0	17.8	17.6	17.6	2.3	18.7	17.5	17.4	17.3	2.6	18.7
		1	37	17.8	17.7	17.5	2.3	18.7	17.5	17.5	17.3	2.6	18.7
		1	74	17.8	17.7	17.4	2.3	18.7	17.6	17.5	17.1	2.6	18.7
		36	0	17.9	17.9	17.7	2.3	18.7	17.7	17.7	17.5	2.6	18.7
		36	20	17.9	17.9	17.6	2.3	18.7	17.7	17.7	17.5	2.6	18.7
		36	39	17.9	17.8	17.6	2.3	18.7	17.8	17.6	17.5	2.6	18.7
		75	0	17.9	17.9	17.7	2.3	18.7	17.7	17.7	17.5	2.6	18.7

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LTE Band 25 Measured Results (ANT2, Power State 1) (continued)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				26090	26365	26640	MPR	Max Power	26090.0	26365	26640	MPR	Max Power
				1855 MHz	1882.5 MHz	1910 MHz			1855 MHz	1882.5 MHz	1910 MHz		
10	QPSK	1	0	20.0	19.9	19.8	0	21.0	20.1	20.1	19.9	0	21.3
		1	25	20.0	19.9	19.8	0	21.0	20.1	20.1	19.9	0	21.3
		1	49	20.0	19.8	19.6	0	21.0	20.2	20.0	19.7	0	21.3
		25	0	20.0	20.0	19.7	0	21.0	20.1	20.1	19.8	0	21.3
		25	12	19.9	20.0	19.7	0	21.0	20.1	20.1	19.8	0	21.3
		25	25	20.0	20.0	19.7	0	21.0	20.1	20.1	19.8	0	21.3
		50	0	20.0	20.0	19.8	0	21.0	20.1	20.1	19.9	0	21.3
	16QAM	1	0	20.2	20.3	20.0	0	21.0	20.3	20.4	20.1	0	21.3
		1	25	20.2	20.3	20.1	0	21.0	20.3	20.4	20.1	0	21.3
		1	49	20.3	20.1	19.9	0	21.0	20.3	20.2	20.0	0	21.3
		25	0	19.9	19.9	19.7	0	21.0	20.0	20.0	19.8	0	21.3
		25	12	19.9	19.8	19.7	0	21.0	20.0	20.0	19.8	0	21.3
		25	25	19.9	19.8	19.6	0	21.0	20.0	20.0	19.7	0	21.3
		50	0	20.0	19.9	19.7	0	21.0	20.1	20.0	19.8	0	21.3
	64QAM	1	0	20.2	20.2	19.9	0	21.0	20.3	20.3	20.1	0	21.3
		1	25	20.1	20.0	19.9	0	21.0	20.2	20.3	20.1	0	21.3
		1	49	20.2	19.9	19.8	0	21.0	20.4	20.2	19.9	0	21.3
		25	0	19.9	19.9	19.7	0.3	20.7	19.8	19.7	19.5	0.6	20.7
		25	12	19.9	19.9	19.7	0.3	20.7	19.7	19.7	19.5	0.6	20.7
		25	25	20.0	19.9	19.6	0.3	20.7	19.7	19.7	19.4	0.6	20.7
		50	0	20.0	20.0	19.7	0.3	20.7	19.8	19.7	19.6	0.6	20.7
	256QAM	1	0	17.9	17.7	17.6	2.3	18.7	17.5	17.6	17.4	2.6	18.7
		1	25	17.8	17.7	17.5	2.3	18.7	17.5	17.6	17.4	2.6	18.7
		1	49	18.0	17.7	17.4	2.3	18.7	17.6	17.5	17.3	2.6	18.7
		25	0	18.0	17.9	17.6	2.3	18.7	17.7	17.7	17.5	2.6	18.7
		25	12	18.0	17.9	17.6	2.3	18.7	17.7	17.7	17.5	2.6	18.7
		25	25	18.0	17.9	17.5	2.3	18.7	17.7	17.7	17.4	2.6	18.7
		50	0	18.0	18.0	17.7	2.3	18.7	17.8	17.7	17.5	2.6	18.7

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				26065	26365	26665	MPR	Max Power	26065.0	26365	26665	MPR	Max Power
				1852.5 MHz	1882.5 MHz	1912.5 MHz			1852.5 MHz	1882.5 MHz	1912.5 MHz		
5	QPSK	1	0	20.0	19.9	19.8	0	21.0	20.1	20.1	19.9	0	21.3
		1	12	20.0	19.9	19.6	0	21.0	20.1	20.0	19.8	0	21.3
		1	24	20.0	19.9	19.7	0	21.0	20.1	20.1	19.8	0	21.3
		12	0	20.0	19.9	19.7	0	21.0	20.1	20.0	19.8	0	21.3
		12	7	20.0	19.9	19.7	0	21.0	20.1	20.0	19.8	0	21.3
		12	13	20.0	19.9	19.7	0	21.0	20.1	20.0	19.8	0	21.3
		25	0	20.0	20.0	19.7	0	21.0	20.1	20.1	19.8	0	21.3
	16QAM	1	0	20.4	20.2	20.2	0	21.0	20.4	20.5	20.3	0	21.3
		1	12	20.4	20.2	20.0	0	21.0	20.4	20.4	20.1	0	21.3
		1	24	20.4	20.2	20.1	0	21.0	20.4	20.4	20.2	0	21.3
		12	0	20.0	19.9	19.6	0	21.0	20.1	20.1	19.8	0	21.3
		12	7	20.0	19.9	19.6	0	21.0	20.1	20.1	19.7	0	21.3
		12	13	20.0	19.9	19.6	0	21.0	20.1	20.1	19.7	0	21.3
		25	0	19.9	19.9	19.6	0	21.0	20.1	20.0	19.7	0	21.3
	64QAM	1	0	20.2	20.1	20.0	0	21.0	20.3	20.2	20.2	0	21.3
		1	12	20.2	20.0	19.8	0	21.0	20.2	20.2	20.0	0	21.3
		1	24	20.2	20.0	19.9	0	21.0	20.2	20.1	20.1	0	21.3
		12	0	19.9	19.9	19.6	0.3	20.7	19.7	19.8	19.4	0.6	20.7
		12	7	19.9	19.9	19.6	0.3	20.7	19.7	19.7	19.4	0.6	20.7
		12	13	19.9	19.9	19.6	0.3	20.7	19.8	19.7	19.4	0.6	20.7
		25	0	20.0	19.9	19.7	0.3	20.7	19.8	19.8	19.4	0.6	20.7
	256QAM	1	0	17.8	17.8	17.6	2.3	18.7	17.6	17.7	17.3	2.6	18.7
		1	12	17.8	17.8	17.5	2.3	18.7	17.6	17.6	17.1	2.6	18.7
		1	24	17.9	17.8	17.5	2.3	18.7	17.6	17.5	17.2	2.6	18.7
		12	0	18.0	17.9	17.7	2.3	18.7	17.8	17.7	17.4	2.6	18.7
		12	7	18.0	17.9	17.7	2.3	18.7	17.8	17.8	17.4	2.6	18.7
		12	13	18.0	17.9	17.6	2.3	18.7	17.8	17.8	17.4	2.6	18.7
		25	0	18.0	17.9	17.7	2.3	18.7	17.7	17.8	17.4	2.6	18.7

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LTE Band 25 Measured Results (ANT2, Power State 1) (continued)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				26055	26365	26675	MPR	Max Power	26055.0	26365	26675	MPR	Max Power
				1851.5 MHz	1882.5 MHz	1913.5 MHz			1851.5 MHz	1882.5 MHz	1913.5 MHz		
3	QPSK	1	0	19.8	19.8	19.5	0	21.0	19.9	19.9	19.7	0	21.3
		1	8	20.0	19.9	19.6	0	21.0	20.1	20.0	19.8	0	21.3
		1	14	19.8	19.8	19.5	0	21.0	19.9	19.8	19.7	0	21.3
		8	0	19.9	19.9	19.6	0	21.0	20.0	20.0	19.7	0	21.3
		8	4	19.9	19.9	19.6	0	21.0	20.0	20.0	19.7	0	21.3
		8	7	19.9	19.9	19.6	0	21.0	20.0	20.0	19.7	0	21.3
		15	0	19.8	19.9	19.6	0	21.0	20.0	20.0	19.7	0	21.3
	16QAM	1	0	20.0	20.1	19.8	0	21.0	20.3	20.2	19.8	0	21.3
		1	8	20.2	20.3	19.9	0	21.0	20.5	20.4	20.0	0	21.3
		1	14	20.0	20.1	19.8	0	21.0	20.3	20.2	19.8	0	21.3
		8	0	19.8	19.9	19.6	0	21.0	19.9	19.9	19.6	0	21.3
		8	4	19.8	19.9	19.6	0	21.0	20.0	20.0	19.7	0	21.3
		8	7	19.9	19.9	19.6	0	21.0	20.0	20.0	19.7	0	21.3
		15	0	19.8	19.8	19.5	0	21.0	19.9	19.9	19.6	0	21.3
	64QAM	1	0	19.8	19.9	19.7	0	21.0	20.1	20.0	19.7	0	21.3
		1	8	19.9	20.1	19.8	0	21.0	20.2	20.2	19.8	0	21.3
		1	14	19.8	19.9	19.6	0	21.0	20.0	20.1	19.7	0	21.3
		8	0	19.9	19.9	19.6	0.3	20.7	19.8	19.7	19.3	0.6	20.7
		8	4	20.0	20.0	19.6	0.3	20.7	19.8	19.8	19.4	0.6	20.7
		8	7	20.0	19.9	19.6	0.3	20.7	19.8	19.7	19.4	0.6	20.7
		15	0	19.9	19.8	19.5	0.3	20.7	19.7	19.6	19.3	0.6	20.7
	256QAM	1	0	17.6	17.5	17.3	2.3	18.7	17.4	17.3	17.1	2.6	18.7
		1	8	17.7	17.7	17.5	2.3	18.7	17.6	17.5	17.3	2.6	18.7
		1	14	17.5	17.5	17.3	2.3	18.7	17.4	17.4	17.1	2.6	18.7
		8	0	17.8	17.8	17.5	2.3	18.7	17.7	17.6	17.3	2.6	18.7
		8	4	17.9	17.9	17.5	2.3	18.7	17.7	17.7	17.4	2.6	18.7
		8	7	17.9	17.9	17.5	2.3	18.7	17.7	17.7	17.4	2.6	18.7
		15	0	17.8	17.9	17.6	2.3	18.7	17.7	17.6	17.3	2.6	18.7

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				26047	26365	26683	MPR	Max Power	26047.0	26365	26683	MPR	Max Power
				1850.7 MHz	1882.5 MHz	1914.3 MHz			1850.7 MHz	1882.5 MHz	1914.3 MHz		
1.4	QPSK	1	0	19.8	19.8	19.4	0	21.0	19.9	19.8	19.6	0	21.3
		1	3	20.0	20.0	19.6	0	21.0	20.0	20.0	19.8	0	21.3
		1	5	19.8	19.7	19.4	0	21.0	19.9	19.9	19.6	0	21.3
		3	0	19.9	19.8	19.5	0	21.0	19.9	19.9	19.7	0	21.3
		3	1	19.9	19.9	19.6	0	21.0	20.0	19.9	19.7	0	21.3
		3	3	19.9	19.9	19.6	0	21.0	20.0	19.9	19.7	0	21.3
		6	0	19.9	19.9	19.5	0	21.0	20.0	19.9	19.7	0	21.3
	16QAM	1	0	20.1	20.0	19.6	0	21.0	20.0	20.0	20.0	0	21.3
		1	3	20.3	20.1	19.8	0	21.0	20.2	20.2	20.1	0	21.3
		1	5	20.1	20.0	19.6	0	21.0	20.0	20.0	19.9	0	21.3
		3	0	20.0	20.0	19.6	0	21.0	20.0	20.0	19.8	0	21.3
		3	1	20.1	20.0	19.6	0	21.0	20.1	20.1	19.8	0	21.3
		3	3	20.1	20.0	19.6	0	21.0	20.1	20.1	19.8	0	21.3
		6	0	19.9	19.8	19.5	0	21.0	20.0	20.0	19.6	0	21.3
	64QAM	1	0	20.0	19.9	19.6	0	21.0	20.0	20.0	19.7	0	21.3
		1	3	20.2	20.1	19.8	0	21.0	20.2	20.2	19.9	0	21.3
		1	5	19.9	19.9	19.6	0	21.0	20.0	20.0	19.7	0	21.3
		3	0	20.0	19.9	19.6	0	21.0	20.1	20.0	19.8	0	21.3
		3	1	20.1	20.0	19.6	0	21.0	20.0	20.1	19.8	0	21.3
		3	3	20.0	20.0	19.6	0	21.0	20.1	20.1	19.9	0	21.3
		6	0	19.9	19.8	19.5	0.3	20.7	19.7	19.7	19.3	0.6	20.7
	256QAM	1	0	17.5	17.5	17.2	2.3	18.7	17.4	17.3	16.9	2.6	18.7
		1	3	17.8	17.7	17.4	2.3	18.7	17.6	17.5	17.1	2.6	18.7
		1	5	17.6	17.5	17.2	2.3	18.7	17.4	17.3	16.9	2.6	18.7
		3	0	17.9	17.9	17.6	2.3	18.7	17.6	17.7	17.3	2.6	18.7
		3	1	18.0	17.9	17.7	2.3	18.7	17.7	17.7	17.4	2.6	18.7
		3	3	18.0	17.9	17.6	2.3	18.7	17.7	17.7	17.3	2.6	18.7
		6	0	17.9	17.8	17.6	2.3	18.7	17.7	17.6	17.3	2.6	18.7

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LTE Band 25 Measured Results (ANT3, Power State 1)

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	23.9	24.0	23.8	0	24.5	20.9	21.0	21.0	0	21.8
		1	49	23.9	24.1	24.0	0	24.5	20.9	21.1	21.0	0	21.8
		1	99	23.8	23.9	23.8	0	24.5	20.8	20.8	20.8	0	21.8
		50	0	23.9	24.0	23.9	0.3	24.2	21.0	21.0	20.9	0	21.8
		50	24	23.9	24.0	23.9	0.3	24.2	20.9	20.9	20.9	0	21.8
		50	50	23.9	24.0	23.9	0.3	24.2	21.0	20.9	20.9	0	21.8
		100	0	24.0	24.0	24.0	0.3	24.2	21.0	21.0	21.0	0	21.8
	16QAM	1	0	23.4	23.4	23.2	0.3	24.2	21.0	21.3	21.1	0	21.8
		1	49	23.5	23.5	23.6	0.3	24.2	21.1	21.3	21.4	0	21.8
		1	99	23.4	23.3	23.2	0.3	24.2	21.0	21.1	21.1	0	21.8
		50	0	22.9	22.8	22.9	1.3	23.2	21.2	21.1	21.2	0	21.8
		50	24	22.8	22.9	22.8	1.3	23.2	21.1	21.1	21.1	0	21.8
		50	50	22.8	22.9	22.8	1.3	23.2	21.1	21.1	21.0	0	21.8
		100	0	22.9	22.9	22.9	1.3	23.2	21.2	21.2	21.1	0	21.8
	64QAM	1	0	22.1	22.4	22.3	1.3	23.2	21.0	21.2	21.2	0	21.8
		1	49	22.3	22.5	22.4	1.3	23.2	21.0	21.4	21.2	0	21.8
		1	99	22.3	22.3	22.2	1.3	23.2	21.1	21.1	21.1	0	21.8
		50	0	21.6	21.8	21.7	2.3	22.2	21.2	21.1	21.2	0	21.8
		50	24	21.7	21.8	21.7	2.3	22.2	21.1	21.1	21.1	0	21.8
		50	50	21.8	21.7	21.6	2.3	22.2	21.1	21.2	21.0	0	21.8
		100	0	21.7	21.9	21.8	2.3	22.2	21.2	21.2	21.1	0	21.8
	256QAM	1	0	19.1	19.3	19.2	4.3	20.2	19.2	19.4	19.3	1.6	20.2
		1	49	19.2	19.3	19.3	4.3	20.2	19.3	19.4	19.3	1.6	20.2
		1	99	19.2	19.2	19.2	4.3	20.2	19.3	19.2	19.3	1.6	20.2
		50	0	19.6	19.8	19.7	4.3	20.2	19.7	19.8	19.8	1.6	20.2
		50	24	19.6	19.8	19.7	4.3	20.2	19.7	19.8	19.7	1.6	20.2
		50	50	19.7	19.7	19.6	4.3	20.2	19.8	19.7	19.7	1.6	20.2
		100	0	19.7	19.9	19.8	4.3	20.2	19.8	19.9	19.9	1.6	20.2

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				26115	26365	26615	MPR	Max Power	26115	26365	26615	MPR	Max Power
				1857.5 MHz	1882.5 MHz	1907.5 MHz			1857.5 MHz	1882.5 MHz	1907.5 MHz		
15	QPSK	1	0	23.8	23.9	24.0	0	24.5	21.1	21.2	21.2	0	21.8
		1	37	23.9	23.9	23.9	0	24.5	21.2	21.2	21.1	0	21.8
		1	74	23.9	23.8	23.7	0	24.5	21.1	21.1	21.0	0	21.8
		36	0	23.9	23.9	23.9	0.3	24.2	21.2	21.1	21.1	0	21.8
		36	20	23.9	23.9	23.8	0.3	24.2	21.2	21.2	21.1	0	21.8
		36	39	23.9	23.9	23.8	0.3	24.2	21.2	21.2	21.0	0	21.8
		75	0	24.0	23.9	23.9	0.3	24.2	21.2	21.2	21.1	0	21.8
	16QAM	1	0	23.5	23.5	23.5	0.3	24.2	21.2	21.3	21.4	0	21.8
		1	37	23.5	23.4	23.5	0.3	24.2	21.2	21.3	21.1	0	21.8
		1	74	23.5	23.4	23.4	0.3	24.2	21.3	21.1	21.1	0	21.8
		36	0	22.8	22.8	22.8	1.3	23.2	21.1	21.1	21.1	0	21.8
		36	20	22.9	22.9	22.8	1.3	23.2	21.1	21.1	21.1	0	21.8
		36	39	22.8	22.8	22.7	1.3	23.2	21.1	21.2	21.0	0	21.8
		75	0	22.9	22.8	22.8	1.3	23.2	21.2	21.1	21.1	0	21.8
	64QAM	1	0	22.3	22.5	22.5	1.3	23.2	21.3	21.4	21.4	0	21.8
		1	37	22.3	22.5	22.3	1.3	23.2	21.1	21.3	21.2	0	21.8
		1	74	22.5	22.4	22.3	1.3	23.2	21.3	21.1	21.2	0	21.8
		36	0	21.6	21.8	21.7	2.3	22.2	21.1	21.1	21.1	0	21.8
		36	20	21.6	21.8	21.6	2.3	22.2	21.2	21.1	21.1	0	21.8
		36	39	21.6	21.7	21.6	2.3	22.2	21.1	21.1	21.0	0	21.8
		75	0	21.6	21.8	21.7	2.3	22.2	21.2	21.2	21.1	0	21.8
	256QAM	1	0	19.3	19.4	19.5	4.3	20.2	19.2	19.4	19.5	1.6	20.2
		1	37	19.2	19.5	19.2	4.3	20.2	19.2	19.4	19.2	1.6	20.2
		1	74	19.4	19.3	19.3	4.3	20.2	19.3	19.2	19.4	1.6	20.2
		36	0	19.6	19.8	19.7	4.3	20.2	19.6	19.8	19.7	1.6	20.2
		36	20	19.6	19.8	19.6	4.3	20.2	19.6	19.8	19.6	1.6	20.2
		36	39	19.6	19.7	19.6	4.3	20.2	19.6	19.7	19.6	1.6	20.2
		75	0	19.6	19.8	19.6	4.3	20.2	19.6	19.8	19.7	1.6	20.2

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LTE Band 25 Measured Results (ANT3, Power State 1) (continued)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				26090	26365	26640	MPR	Max Power	26090	26365	26640	MPR	Max Power
				1855 MHz	1882.5 MHz	1910 MHz			1855 MHz	1882.5 MHz	1910 MHz		
10	QPSK	1	0	23.9	23.9	23.9	0	24.5	21.1	21.2	21.1	0	21.8
		1	25	24.0	24.0	23.8	0	24.5	21.2	21.3	21.1	0	21.8
		1	49	23.9	23.9	23.8	0	24.5	21.2	21.2	21.0	0	21.8
		25	0	23.9	23.9	23.9	0.3	24.2	21.2	21.1	21.1	0	21.8
		25	12	24.0	23.9	23.8	0.3	24.2	21.2	21.2	21.1	0	21.8
		25	25	24.0	23.9	23.8	0.3	24.2	21.2	21.2	21.0	0	21.8
		50	0	24.1	24.0	23.9	0.3	24.2	21.3	21.3	21.1	0	21.8
	16QAM	1	0	23.5	23.5	23.4	0.3	24.2	21.3	21.3	21.2	0	21.8
		1	25	23.6	23.6	23.5	0.3	24.2	21.3	21.4	21.2	0	21.8
		1	49	23.5	23.5	23.4	0.3	24.2	21.3	21.2	21.1	0	21.8
		25	0	22.9	22.9	22.8	1.3	23.2	21.1	21.1	21.1	0	21.8
		25	12	22.9	22.9	22.7	1.3	23.2	21.2	21.1	21.0	0	21.8
		25	25	22.9	22.9	22.7	1.3	23.2	21.1	21.1	20.9	0	21.8
		50	0	23.0	22.9	22.8	1.3	23.2	21.2	21.2	21.1	0	21.8
	64QAM	1	0	22.4	22.6	22.5	1.3	23.2	21.3	21.3	21.2	0	21.8
		1	25	22.3	22.5	22.3	1.3	23.2	21.3	21.3	21.2	0	21.8
		1	49	22.4	22.4	22.4	1.3	23.2	21.3	21.3	21.3	0	21.8
		25	0	21.6	21.8	21.6	2.3	22.2	21.2	21.1	21.1	0	21.8
		25	12	21.6	21.8	21.6	2.3	22.2	21.2	21.1	21.0	0	21.8
		25	25	21.6	21.8	21.6	2.3	22.2	21.2	21.1	20.9	0	21.8
		50	0	21.7	21.9	21.7	2.3	22.2	21.2	21.2	21.1	0	21.8
	256QAM	1	0	19.4	19.6	19.4	4.3	20.2	19.3	19.6	19.4	1.6	20.2
		1	25	19.3	19.5	19.3	4.3	20.2	19.2	19.5	19.3	1.6	20.2
		1	49	19.4	19.3	19.4	4.3	20.2	19.3	19.4	19.4	1.6	20.2
		25	0	19.6	19.8	19.6	4.3	20.2	19.6	19.8	19.6	1.6	20.2
		25	12	19.6	19.8	19.6	4.3	20.2	19.7	19.8	19.6	1.6	20.2
		25	25	19.6	19.8	19.6	4.3	20.2	19.7	19.8	19.6	1.6	20.2
		50	0	19.7	19.9	19.7	4.3	20.2	19.7	19.9	19.7	1.6	20.2

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				26065	26365	26665	MPR	Max Power	26065	26365	26665	MPR	Max Power
				1852.5 MHz	1882.5 MHz	1912.5 MHz			1852.5 MHz	1882.5 MHz	1912.5 MHz		
5	QPSK	1	0	23.9	24.0	23.9	0	24.5	21.2	21.2	21.1	0	21.8
		1	12	23.9	23.9	23.8	0	24.5	21.2	21.2	21.0	0	21.8
		1	24	24.0	23.9	23.8	0	24.5	21.2	21.2	21.0	0	21.8
		12	0	23.9	23.9	23.8	0.3	24.2	21.2	21.2	21.0	0	21.8
		12	7	24.0	24.0	23.8	0.3	24.2	21.2	21.2	21.0	0	21.8
		12	13	23.9	24.0	23.8	0.3	24.2	21.2	21.2	21.0	0	21.8
		25	0	24.0	24.0	23.8	0.3	24.2	21.2	21.2	21.0	0	21.8
	16QAM	1	0	23.6	23.5	23.4	0.3	24.2	21.4	21.3	21.2	0	21.8
		1	12	23.6	23.5	23.4	0.3	24.2	21.4	21.3	21.1	0	21.8
		1	24	23.6	23.5	23.4	0.3	24.2	21.4	21.3	21.2	0	21.8
		12	0	22.8	22.9	22.7	1.3	23.2	21.1	21.1	21.0	0	21.8
		12	7	22.9	22.9	22.7	1.3	23.2	21.2	21.1	21.0	0	21.8
		12	13	22.9	22.9	22.7	1.3	23.2	21.2	21.1	21.0	0	21.8
		25	0	22.9	23.0	22.7	1.3	23.2	21.2	21.2	21.0	0	21.8
	64QAM	1	0	22.4	22.5	22.4	1.3	23.2	21.4	21.3	21.1	0	21.8
		1	12	22.3	22.4	22.4	1.3	23.2	21.4	21.3	21.1	0	21.8
		1	24	22.4	22.4	22.4	1.3	23.2	21.4	21.2	21.2	0	21.8
		12	0	21.7	21.8	21.7	2.3	22.2	21.2	21.2	21.0	0	21.8
		12	7	21.7	21.8	21.7	2.3	22.2	21.2	21.1	21.0	0	21.8
		12	13	21.7	21.8	21.7	2.3	22.2	21.2	21.1	21.0	0	21.8
		25	0	21.7	21.8	21.7	2.3	22.2	21.2	21.1	21.0	0	21.8
	256QAM	1	0	19.3	19.4	19.3	4.3	20.2	19.4	19.4	19.3	1.6	20.2
		1	12	19.2	19.4	19.4	4.3	20.2	19.3	19.5	19.3	1.6	20.2
		1	24	19.3	19.3	19.5	4.3	20.2	19.3	19.4	19.4	1.6	20.2
		12	0	19.7	19.8	19.6	4.3	20.2	19.7	19.8	19.6	1.6	20.2
		12	7	19.7	19.8	19.6	4.3	20.2	19.7	19.8	19.6	1.6	20.2
		12	13	19.7	19.8	19.6	4.3	20.2	19.6	19.8	19.6	1.6	20.2
		25	0	19.6	19.8	19.6	4.3	20.2	19.6	19.8	19.6	1.6	20.2

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LTE Band 25 Measured Results (ANT3, Power State 1) (continued)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				26055	26365	26675	MPR	Max Power	26055	26365	26675	MPR	Max Power
				1851.5 MHz	1882.5 MHz	1913.5 MHz			1851.5 MHz	1882.5 MHz	1913.5 MHz		
3	QPSK	1	0	23.8	23.8	23.7	0	24.5	21.1	21.1	20.9	0	21.8
		1	8	23.9	24.0	23.8	0	24.5	21.1	21.2	21.1	0	21.8
		1	14	23.9	23.8	23.6	0	24.5	21.1	21.0	20.9	0	21.8
		8	0	23.8	23.9	23.7	0.3	24.2	21.1	21.1	20.9	0	21.8
		8	4	23.9	23.9	23.7	0.3	24.2	21.1	21.2	21.0	0	21.8
		8	7	23.9	23.9	23.7	0.3	24.2	21.1	21.2	21.0	0	21.8
		15	0	23.8	23.9	23.7	0.3	24.2	21.1	21.1	20.9	0	21.8
	16QAM	1	0	23.4	23.4	23.2	0.3	24.2	21.2	21.3	21.0	0	21.8
		1	8	23.6	23.6	23.4	0.3	24.2	21.3	21.4	21.2	0	21.8
		1	14	23.4	23.4	23.3	0.3	24.2	21.2	21.2	21.0	0	21.8
		8	0	22.8	22.9	22.6	1.3	23.2	21.1	21.1	20.9	0	21.8
		8	4	22.9	22.9	22.7	1.3	23.2	21.2	21.2	21.0	0	21.8
		8	7	22.8	22.9	22.7	1.3	23.2	21.2	21.2	21.0	0	21.8
		15	0	22.8	22.8	22.6	1.3	23.2	21.1	21.1	20.9	0	21.8
	64QAM	1	0	22.2	22.4	22.2	1.3	23.2	21.2	21.2	20.9	0	21.8
		1	8	22.4	22.5	22.4	1.3	23.2	21.3	21.4	21.2	0	21.8
		1	14	22.2	22.4	22.2	1.3	23.2	21.2	21.2	21.0	0	21.8
		8	0	21.7	21.8	21.6	2.3	22.2	21.1	21.1	20.9	0	21.8
		8	4	21.7	21.8	21.7	2.3	22.2	21.2	21.1	20.9	0	21.8
		8	7	21.7	21.8	21.6	2.3	22.2	21.1	21.1	20.9	0	21.8
		15	0	21.6	21.8	21.6	2.3	22.2	21.1	21.0	20.9	0	21.8
	256QAM	1	0	19.2	19.3	19.1	4.3	20.2	19.4	19.5	19.2	1.6	20.2
		1	8	19.3	19.5	19.3	4.3	20.2	19.5	19.7	19.5	1.6	20.2
		1	14	19.2	19.3	19.2	4.3	20.2	19.3	19.5	19.3	1.6	20.2
		8	0	19.6	19.8	19.6	4.3	20.2	19.8	19.9	19.7	1.6	20.2
		8	4	19.7	19.8	19.7	4.3	20.2	19.8	20.0	19.8	1.6	20.2
		8	7	19.7	19.8	19.7	4.3	20.2	19.8	19.9	19.7	1.6	20.2
		15	0	19.6	19.8	19.6	4.3	20.2	19.8	19.9	19.7	1.6	20.2

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				26047	26365	26683	MPR	Max Power	26047	26365	26683	MPR	Max Power
				1850.7 MHz	1882.5 MHz	1914.3 MHz			1850.7 MHz	1882.5 MHz	1914.3 MHz		
1.4	QPSK	1	0	23.7	23.8	23.6	0	24.5	21.0	21.1	20.9	0	21.8
		1	3	23.9	24.0	23.8	0	24.5	21.2	21.3	21.1	0	21.8
		1	5	23.7	23.8	23.6	0	24.5	21.0	21.1	21.0	0	21.8
		3	0	23.8	23.8	23.6	0	24.5	21.1	21.1	20.9	0	21.8
		3	1	23.9	23.9	23.7	0	24.5	21.1	21.2	21.0	0	21.8
		3	3	23.9	23.9	23.7	0	24.5	21.1	21.2	21.0	0	21.8
		6	0	23.8	23.8	23.7	0.3	24.2	21.1	21.2	21.0	0	21.8
	16QAM	1	0	23.4	23.4	23.3	0.3	24.2	21.2	21.2	21.1	0	21.8
		1	3	23.6	23.6	23.5	0.3	24.2	21.4	21.4	21.2	0	21.8
		1	5	23.4	23.4	23.2	0.3	24.2	21.1	21.2	21.0	0	21.8
		3	0	23.9	23.9	23.8	0.3	24.2	21.2	21.2	21.0	0	21.8
		3	1	23.9	24.0	23.8	0.3	24.2	21.3	21.3	21.1	0	21.8
		3	3	23.9	24.0	23.8	0.3	24.2	21.3	21.3	21.1	0	21.8
		6	0	22.8	22.8	22.6	1.3	23.2	21.1	21.1	20.9	0	21.8
	64QAM	1	0	22.2	22.3	22.2	1.3	23.2	21.1	21.1	21.0	0	21.8
		1	3	22.4	22.4	22.4	1.3	23.2	21.3	21.4	21.2	0	21.8
		1	5	22.2	22.2	22.3	1.3	23.2	21.2	21.1	21.1	0	21.8
		3	0	22.7	22.8	22.7	1.3	23.2	21.2	21.2	21.0	0	21.8
		3	1	22.8	22.9	22.7	1.3	23.2	21.3	21.2	21.1	0	21.8
		3	3	22.8	22.9	22.7	1.3	23.2	21.3	21.2	21.1	0	21.8
		6	0	21.7	21.7	21.6	2.3	22.2	21.1	21.1	20.9	0	21.8
	256QAM	1	0	19.1	19.2	19.2	4.3	20.2	19.4	19.5	19.3	1.6	20.2
		1	3	19.3	19.4	19.3	4.3	20.2	19.6	19.6	19.5	1.6	20.2
		1	5	19.1	19.3	19.2	4.3	20.2	19.4	19.4	19.3	1.6	20.2
		3	0	19.7	19.8	19.6	4.3	20.2	19.9	20.0	19.8	1.6	20.2
		3	1	19.7	19.8	19.7	4.3	20.2	19.9	20.0	19.8	1.6	20.2
		3	3	19.7	19.8	19.7	4.3	20.2	19.8	20.0	19.8	1.6	20.2
		6	0	19.6	19.8	19.6	4.3	20.2	19.8	19.9	19.7	1.6	20.2

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LTE Band 25 Measured Results (ANT4, Power State 1)

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	19.0	18.9	19.0	0	19.8	20.1	20.1	20.2	0	21.7
		1	49	19.0	19.1	19.1	0	19.8	20.2	20.4	20.4	0	21.7
		1	99	19.0	19.0	19.1	0	19.8	20.2	20.3	20.3	0	21.7
		50	0	19.1	19.1	19.1	0	19.8	20.4	20.4	20.3	0	21.7
		50	24	19.0	19.1	19.2	0	19.8	20.3	20.4	20.4	0	21.7
		50	50	19.1	19.2	19.1	0	19.8	20.3	20.5	20.3	0	21.7
		100	0	19.1	19.2	19.2	0	19.8	20.3	20.5	20.5	0	21.7
	16QAM	1	0	18.9	19.2	19.2	0	19.8	20.6	20.7	20.8	0	21.7
		1	49	19.3	19.3	19.2	0	19.8	20.8	20.8	20.8	0	21.7
		1	99	19.1	19.3	19.0	0	19.8	20.7	20.7	20.6	0	21.7
		50	0	18.9	18.9	18.9	0	19.8	20.5	20.5	20.6	0.5	21.2
		50	24	18.8	19.0	18.8	0	19.8	20.4	20.5	20.4	0.5	21.2
		50	50	18.9	18.9	18.8	0	19.8	20.4	20.5	20.4	0.5	21.2
		100	0	18.9	19.0	18.9	0	19.8	20.5	20.6	20.5	0.5	21.2
	64QAM	1	0	18.9	19.1	19.0	0	19.8	20.0	20.1	20.2	0.5	21.2
		1	49	19.1	18.9	19.1	0	19.8	20.2	20.3	20.2	0.5	21.2
		1	99	19.0	19.1	18.7	0	19.8	20.1	20.1	19.9	0.5	21.2
		50	0	18.9	18.9	18.9	0	19.8	19.6	19.5	19.5	1.5	20.2
		50	24	18.8	19.0	18.9	0	19.8	19.5	19.5	19.4	1.5	20.2
		50	50	18.9	19.0	18.8	0	19.8	19.5	19.5	19.4	1.5	20.2
		100	0	18.9	19.0	18.9	0	19.8	19.5	19.6	19.5	1.5	20.2
	256QAM	1	0	16.8	16.9	17.0	1.6	18.2	17.0	17.1	17.2	3.5	18.2
		1	49	17.0	17.0	16.9	1.6	18.2	17.3	17.3	17.1	3.5	18.2
		1	99	16.9	17.0	16.8	1.6	18.2	17.0	17.3	16.9	3.5	18.2
		50	0	17.3	17.3	17.3	1.6	18.2	17.6	17.5	17.5	3.5	18.2
		50	24	17.2	17.3	17.2	1.6	18.2	17.5	17.6	17.4	3.5	18.2
		50	50	17.3	17.4	17.2	1.6	18.2	17.5	17.5	17.4	3.5	18.2
		100	0	17.3	17.4	17.3	1.6	18.2	17.5	17.6	17.5	3.5	18.2

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				26115	26365	26615	MPR	Max Power	26115	26365	26615	MPR	Max Power
				1857.5 MHz	1882.5 MHz	1907.5 MHz			1857.5 MHz	1882.5 MHz	1907.5 MHz		
15	QPSK	1	0	18.9	19.0	19.0	0	19.8	20.5	20.6	20.6	0	21.7
		1	37	19.1	19.0	18.9	0	19.8	20.6	20.7	20.5	0	21.7
		1	74	18.9	19.0	18.8	0	19.8	20.5	20.6	20.5	0	21.7
		36	0	19.0	19.0	19.0	0	19.8	20.5	20.6	20.6	0	21.7
		36	20	19.0	19.0	18.8	0	19.8	20.6	20.6	20.4	0	21.7
		36	39	18.9	19.0	18.8	0	19.8	20.5	20.6	20.4	0	21.7
		75	0	19.0	19.0	18.9	0	19.8	20.6	20.6	20.4	0	21.7
	16QAM	1	0	19.1	19.2	19.3	0	19.8	20.6	20.8	20.8	0	21.7
		1	37	19.2	19.2	19.2	0	19.8	20.7	20.8	20.8	0	21.7
		1	74	19.1	19.3	19.2	0	19.8	20.6	20.9	20.7	0	21.7
		36	0	18.9	18.9	18.9	0	19.8	20.5	20.5	20.5	0.5	21.2
		36	20	18.9	19.0	18.8	0	19.8	20.5	20.5	20.4	0.5	21.2
		36	39	18.9	19.0	18.8	0	19.8	20.5	20.5	20.4	0.5	21.2
		75	0	19.0	19.0	18.8	0	19.8	20.6	20.5	20.4	0.5	21.2
	64QAM	1	0	19.1	19.1	19.1	0	19.8	20.1	20.2	20.3	0.5	21.2
		1	37	19.1	19.2	19.1	0	19.8	20.2	20.3	20.2	0.5	21.2
		1	74	19.1	19.3	19.0	0	19.8	20.2	20.2	20.2	0.5	21.2
		36	0	18.9	18.9	19.0	0	19.8	19.5	19.5	19.6	1.5	20.2
		36	20	19.0	19.0	18.8	0	19.8	19.5	19.6	19.5	1.5	20.2
		36	39	18.9	19.0	18.8	0	19.8	19.5	19.5	19.4	1.5	20.2
		75	0	19.0	19.0	18.9	0	19.8	19.6	19.6	19.5	1.5	20.2
	256QAM	1	0	16.9	17.0	17.1	1.6	18.2	17.2	17.2	17.2	3.5	18.2
		1	37	17.0	17.0	16.9	1.6	18.2	17.2	17.2	17.1	3.5	18.2
		1	74	17.0	17.1	17.0	1.6	18.2	17.2	17.3	17.2	3.5	18.2
		36	0	17.3	17.3	17.3	1.6	18.2	17.5	17.5	17.5	3.5	18.2
		36	20	17.3	17.4	17.2	1.6	18.2	17.6	17.6	17.4	3.5	18.2
		36	39	17.3	17.3	17.2	1.6	18.2	17.5	17.6	17.4	3.5	18.2
		75	0	17.4	17.4	17.3	1.6	18.2	17.6	17.6	17.5	3.5	18.2

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LTE Band 25 Measured Results (ANT4, Power State 1) (continued)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				26090	26365	26640	MPR	Max Power	26090	26365	26640	MPR	Max Power
				1855 MHz	1882.5 MHz	1910 MHz			1855 MHz	1882.5 MHz	1910 MHz		
10	QPSK	1	0	19.0	19.1	19.0	0	19.8	20.6	20.6	20.6	0	21.7
		1	25	19.1	19.1	18.9	0	19.8	20.7	20.7	20.6	0	21.7
		1	49	19.1	19.0	18.9	0	19.8	20.6	20.7	20.6	0	21.7
		25	0	19.1	19.0	18.9	0	19.8	20.7	20.6	20.5	0	21.7
		25	12	19.1	19.1	18.9	0	19.8	20.7	20.7	20.5	0	21.7
		25	25	19.1	19.1	18.9	0	19.8	20.7	20.7	20.5	0	21.7
		50	0	19.1	19.1	19.0	0	19.8	20.7	20.7	20.6	0	21.7
	16QAM	1	0	19.2	19.2	19.2	0	19.8	20.8	20.8	20.8	0	21.7
		1	25	19.3	19.3	19.2	0	19.8	20.9	20.9	20.8	0	21.7
		1	49	19.3	19.2	19.1	0	19.8	20.8	20.9	20.8	0	21.7
		25	0	19.0	19.0	18.9	0	19.8	20.6	20.6	20.5	0.5	21.2
		25	12	19.0	19.0	18.9	0	19.8	20.6	20.6	20.5	0.5	21.2
		25	25	19.0	19.0	18.9	0	19.8	20.6	20.6	20.5	0.5	21.2
		50	0	19.1	19.1	18.9	0	19.8	20.6	20.7	20.5	0.5	21.2
	64QAM	1	0	19.2	19.1	19.1	0	19.8	20.2	20.3	20.2	0.5	21.2
		1	25	19.2	19.1	19.0	0	19.8	20.3	20.3	20.2	0.5	21.2
		1	49	19.2	19.2	19.1	0	19.8	20.3	20.3	20.2	0.5	21.2
		25	0	19.0	19.0	18.9	0	19.8	19.6	19.6	19.5	1.5	20.2
		25	12	19.0	19.0	18.9	0	19.8	19.6	19.6	19.5	1.5	20.2
		25	25	19.0	19.1	18.9	0	19.8	19.6	19.6	19.5	1.5	20.2
		50	0	19.1	19.1	18.9	0	19.8	19.7	19.7	19.5	1.5	20.2
	256QAM	1	0	17.0	17.0	17.0	1.6	18.2	17.2	17.2	17.3	3.5	18.2
		1	25	17.0	17.0	16.9	1.6	18.2	17.3	17.2	17.1	3.5	18.2
		1	49	17.0	17.1	16.9	1.6	18.2	17.3	17.3	17.2	3.5	18.2
		25	0	17.3	17.3	17.3	1.6	18.2	17.6	17.6	17.5	3.5	18.2
		25	12	17.4	17.4	17.3	1.6	18.2	17.6	17.6	17.5	3.5	18.2
		25	25	17.4	17.4	17.3	1.6	18.2	17.7	17.6	17.5	3.5	18.2
		50	0	17.5	17.5	17.3	1.6	18.2	17.7	17.7	17.5	3.5	18.2

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				26065	26365	26665	MPR	Max Power	26065	26365	26665	MPR	Max Power
				1852.5 MHz	1882.5 MHz	1912.5 MHz			1852.5 MHz	1882.5 MHz	1912.5 MHz		
5	QPSK	1	0	19.0	19.1	19.0	0	19.8	20.6	20.7	20.5	0	21.7
		1	12	19.0	19.1	19.0	0	19.8	20.6	20.6	20.5	0	21.7
		1	24	19.1	19.1	18.9	0	19.8	20.7	20.6	20.5	0	21.7
		12	0	19.0	19.1	19.0	0	19.8	20.5	20.7	20.6	0	21.7
		12	7	19.0	19.1	19.0	0	19.8	20.5	20.6	20.5	0	21.7
		12	13	19.0	19.1	19.0	0	19.8	20.5	20.6	20.5	0	21.7
		25	0	19.0	19.1	19.0	0	19.8	20.6	20.7	20.6	0	21.7
	16QAM	1	0	19.3	19.4	19.4	0	19.8	20.9	21.0	21.0	0	21.7
		1	12	19.3	19.4	19.3	0	19.8	20.9	21.0	20.9	0	21.7
		1	24	19.4	19.4	19.4	0	19.8	21.0	21.0	21.0	0	21.7
		12	0	18.9	19.1	19.0	0	19.8	20.5	20.6	20.6	0.5	21.2
		12	7	19.0	19.0	18.9	0	19.8	20.5	20.6	20.5	0.5	21.2
		12	13	19.0	19.0	18.9	0	19.8	20.5	20.6	20.5	0.5	21.2
		25	0	18.9	19.0	18.9	0	19.8	20.5	20.6	20.5	0.5	21.2
	64QAM	1	0	19.2	19.2	19.1	0	19.8	20.2	20.3	20.2	0.5	21.2
		1	12	19.1	19.2	19.1	0	19.8	20.2	20.3	20.2	0.5	21.2
		1	24	19.2	19.3	19.1	0	19.8	20.3	20.3	20.2	0.5	21.2
		12	0	19.0	19.1	19.0	0	19.8	19.5	19.6	19.5	1.5	20.2
		12	7	19.0	19.1	18.9	0	19.8	19.5	19.6	19.5	1.5	20.2
		12	13	19.0	19.1	18.9	0	19.8	19.5	19.6	19.5	1.5	20.2
		25	0	19.0	19.1	19.0	0	19.8	19.6	19.6	19.5	1.5	20.2
	256QAM	1	0	17.0	17.2	17.0	1.6	18.2	17.1	17.3	17.2	3.5	18.2
		1	12	17.0	17.1	17.0	1.6	18.2	17.2	17.2	17.2	3.5	18.2
		1	24	17.0	17.2	17.0	1.6	18.2	17.2	17.3	17.2	3.5	18.2
		12	0	17.3	17.5	17.3	1.6	18.2	17.5	17.6	17.6	3.5	18.2
		12	7	17.4	17.4	17.3	1.6	18.2	17.5	17.6	17.5	3.5	18.2
		12	13	17.4	17.4	17.3	1.6	18.2	17.5	17.6	17.5	3.5	18.2
		25	0	17.4	17.4	17.3	1.6	18.2	17.5	17.6	17.5	3.5	18.2

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LTE Band 25 Measured Results (ANT4, Power State 1) (continued)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				26055	26365	26675	MPR	Max Power	26055	26365	26675	MPR	Max Power
				1851.5 MHz	1882.5 MHz	1913.5 MHz			1851.5 MHz	1882.5 MHz	1913.5 MHz		
3	QPSK	1	0	18.8	18.9	18.8	0	19.8	20.5	20.5	20.5	0	21.7
		1	8	19.0	19.1	19.0	0	19.8	20.6	20.7	20.6	0	21.7
		1	14	18.8	19.0	18.8	0	19.8	20.5	20.5	20.5	0	21.7
		8	0	18.9	19.0	18.9	0	19.8	20.5	20.6	20.5	0	21.7
		8	4	18.9	19.1	18.9	0	19.8	20.5	20.7	20.5	0	21.7
		8	7	18.9	19.1	18.9	0	19.8	20.5	20.7	20.5	0	21.7
		15	0	18.9	19.0	18.9	0	19.8	20.5	20.6	20.4	0	21.7
	16QAM	1	0	19.0	19.1	19.0	0	19.8	20.6	20.8	20.6	0	21.7
		1	8	19.2	19.3	19.2	0	19.8	20.8	20.9	20.7	0	21.7
		1	14	19.1	19.1	19.0	0	19.8	20.7	20.7	20.6	0	21.7
		8	0	18.8	19.0	18.8	0	19.8	20.5	20.6	20.4	0.5	21.2
		8	4	18.8	19.0	18.9	0	19.8	20.5	20.6	20.5	0.5	21.2
		8	7	18.8	19.0	18.9	0	19.8	20.5	20.6	20.5	0.5	21.2
		15	0	18.8	18.9	18.8	0	19.8	20.4	20.5	20.4	0.5	21.2
	64QAM	1	0	18.9	19.1	19.0	0	19.8	20.0	20.1	20.0	0.5	21.2
		1	8	19.1	19.2	19.1	0	19.8	20.2	20.3	20.2	0.5	21.2
		1	14	19.0	19.0	19.0	0	19.8	20.1	20.1	20.0	0.5	21.2
		8	0	18.8	19.0	18.8	0	19.8	19.4	19.6	19.5	1.5	20.2
		8	4	18.8	19.1	18.9	0	19.8	19.5	19.6	19.5	1.5	20.2
		8	7	18.8	19.0	18.9	0	19.8	19.4	19.6	19.5	1.5	20.2
		15	0	18.8	19.0	18.8	0	19.8	19.4	19.6	19.5	1.5	20.2
	256QAM	1	0	16.7	16.9	16.8	1.6	18.2	17.0	17.1	17.0	3.5	18.2
		1	8	16.9	17.1	17.0	1.6	18.2	17.1	17.3	17.2	3.5	18.2
		1	14	16.8	16.9	16.8	1.6	18.2	17.0	17.0	17.0	3.5	18.2
		8	0	17.2	17.4	17.2	1.6	18.2	17.4	17.6	17.5	3.5	18.2
		8	4	17.2	17.4	17.3	1.6	18.2	17.5	17.6	17.5	3.5	18.2
		8	7	17.2	17.4	17.2	1.6	18.2	17.5	17.6	17.5	3.5	18.2
		15	0	17.2	17.3	17.2	1.6	18.2	17.4	17.6	17.5	3.5	18.2

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					Mode B Power (dBm)				
				26047	26365	26683	MPR	Max Power	26047	26365	26683	MPR	Max Power
				1850.7 MHz	1882.5 MHz	1914.3 MHz			1850.7 MHz	1882.5 MHz	1914.3 MHz		
1.4	QPSK	1	0	18.8	18.9	19.0	0	19.8	20.3	20.5	20.4	0	21.7
		1	3	19.0	19.1	19.2	0	19.8	20.5	20.7	20.6	0	21.7
		1	5	18.8	18.9	18.9	0	19.8	20.3	20.5	20.4	0	21.7
		3	0	18.9	19.0	18.9	0	19.8	20.4	20.6	20.5	0	21.7
		3	1	18.9	19.0	19.0	0	19.8	20.5	20.6	20.4	0	21.7
		3	3	18.8	19.0	19.0	0	19.8	20.4	20.6	20.4	0	21.7
		6	0	18.8	19.0	19.0	0	19.8	20.4	20.5	20.4	0	21.7
	16QAM	1	0	18.9	19.2	19.1	0	19.8	20.6	20.7	20.6	0	21.7
		1	3	19.1	19.4	19.3	0	19.8	20.7	20.9	20.8	0	21.7
		1	5	18.9	19.2	19.1	0	19.8	20.6	20.7	20.6	0	21.7
		3	0	18.9	19.1	19.1	0	19.8	20.5	20.7	20.6	0	21.7
		3	1	18.9	19.1	19.2	0	19.8	20.6	20.7	20.6	0	21.7
		3	3	18.9	19.1	19.2	0	19.8	20.6	20.7	20.6	0	21.7
		6	0	18.8	18.9	19.0	0	19.8	20.4	20.6	20.5	0.5	21.2
	64QAM	1	0	18.9	19.0	19.0	0	19.8	19.9	20.2	19.9	0.5	21.2
		1	3	19.1	19.2	19.3	0	19.8	20.1	20.3	20.1	0.5	21.2
		1	5	18.8	19.0	19.1	0	19.8	19.9	20.1	19.9	0.5	21.2
		3	0	18.9	19.1	19.1	0	19.8	20.5	20.6	20.5	0.5	21.2
		3	1	19.0	19.1	19.1	0	19.8	20.5	20.7	20.5	0.5	21.2
		3	3	19.0	19.1	19.1	0	19.8	20.5	20.7	20.5	0.5	21.2
		6	0	18.8	19.0	18.9	0	19.8	19.4	19.5	19.4	1.5	20.2
	256QAM	1	0	16.6	16.8	16.8	1.6	18.2	16.9	17.0	17.0	3.5	18.2
		1	3	16.9	17.1	17.0	1.6	18.2	17.1	17.2	17.1	3.5	18.2
		1	5	16.7	16.9	16.8	1.6	18.2	16.9	17.0	16.8	3.5	18.2
		3	0	17.3	17.4	17.4	1.6	18.2	17.4	17.5	17.4	3.5	18.2
		3	1	17.3	17.5	17.4	1.6	18.2	17.5	17.6	17.5	3.5	18.2
		3	3	17.3	17.5	17.4	1.6	18.2	17.5	17.6	17.5	3.5	18.2
		6	0	17.2	17.4	17.3	1.6	18.2	17.4	17.5	17.4	3.5	18.2

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LTE Band 26 Measured Results (ANT1, Power State 1)

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	25.1	25.1	25.0	0	25.7	25.1	25.1	25.0	0	25.7
		1	25	25.1	25.1	25.0	0	25.7	25.1	25.1	25.0	0	25.7
		1	49	25.0	24.9	25.0	0	25.7	25.0	24.9	25.0	0	25.7
		25	0	24.3	24.3	24.3	1	24.7	24.3	24.3	24.3	1	24.7
		25	12	24.3	24.4	24.3	1	24.7	24.3	24.4	24.3	1	24.7
		25	25	24.3	24.4	24.3	1	24.7	24.3	24.4	24.3	1	24.7
		50	0	24.4	24.4	24.4	1	24.7	24.4	24.4	24.4	1	24.7
	16QAM	1	0	24.2	24.0	24.1	1	24.7	24.2	24.0	24.1	1	24.7
		1	25	24.1	24.1	24.1	1	24.7	24.1	24.1	24.1	1	24.7
		1	49	24.1	24.0	24.1	1	24.7	24.1	24.0	24.1	1	24.7
		25	0	23.4	23.3	23.2	2	23.7	23.4	23.3	23.2	2	23.7
		25	12	23.3	23.3	23.2	2	23.7	23.3	23.3	23.2	2	23.7
		25	25	23.3	23.3	23.3	2	23.7	23.3	23.3	23.3	2	23.7
		50	0	23.3	23.3	23.3	2	23.7	23.3	23.3	23.3	2	23.7
	64QAM	1	0	23.1	23.1	23.0	2	23.7	23.1	23.1	23.0	2	23.7
		1	25	23.0	23.0	22.9	2	23.7	23.0	23.0	22.9	2	23.7
		1	49	23.0	23.0	23.0	2	23.7	23.0	23.0	23.0	2	23.7
		25	0	22.4	22.4	22.2	3	22.7	22.4	22.4	22.2	3	22.7
		25	12	22.3	22.4	22.2	3	22.7	22.3	22.4	22.2	3	22.7
		25	25	22.3	22.4	22.3	3	22.7	22.3	22.4	22.3	3	22.7
		50	0	22.4	22.4	22.3	3	22.7	22.4	22.4	22.3	3	22.7
	256QAM	1	0	20.1	20.1	20.0	5	20.7	20.1	20.1	20.0	5	20.7
		1	25	19.9	20.0	19.9	5	20.7	19.9	20.0	19.9	5	20.7
		1	49	20.0	20.0	20.0	5	20.7	20.0	20.0	20.0	5	20.7
		25	0	20.4	20.3	20.2	5	20.7	20.4	20.3	20.2	5	20.7
		25	12	20.3	20.4	20.2	5	20.7	20.3	20.4	20.2	5	20.7
		25	25	20.3	20.4	20.3	5	20.7	20.3	20.4	20.3	5	20.7
		50	0	20.4	20.4	20.3	5	20.7	20.4	20.4	20.3	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	24.9	24.9	24.9	0	25.7	24.9	24.9	24.9	0	25.7
		1	12	24.9	24.9	24.9	0	25.7	24.9	24.9	24.9	0	25.7
		1	24	25.0	24.9	24.9	0	25.7	25.0	24.9	24.9	0	25.7
		12	0	24.4	24.4	24.4	1	24.7	24.4	24.4	24.4	1	24.7
		12	7	24.5	24.4	24.4	1	24.7	24.5	24.4	24.4	1	24.7
		12	13	24.5	24.4	24.4	1	24.7	24.5	24.4	24.4	1	24.7
		25	0	24.5	24.4	24.4	1	24.7	24.5	24.4	24.4	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	24.3	24.2	24.3	1	24.7	24.3	24.2	24.3	1	24.7
		1	24	24.3	24.3	24.3	1	24.7	24.3	24.3	24.3	1	24.7
		12	0	23.4	23.3	23.4	2	23.7	23.4	23.3	23.4	2	23.7
		12	7	23.4	23.4	23.3	2	23.7	23.4	23.4	23.3	2	23.7
		12	13	23.4	23.4	23.4	2	23.7	23.4	23.4	23.4	2	23.7
		25	0	23.4	23.3	23.3	2	23.7	23.4	23.3	23.3	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	23.1	23.1	23.0	2	23.7	23.1	23.1	23.0	2	23.7
		1	24	23.1	23.1	23.0	2	23.7	23.1	23.1	23.0	2	23.7
		12	0	22.4	22.4	22.4	3	22.7	22.4	22.4	22.4	3	22.7
		12	7	22.4	22.4	22.4	3	22.7	22.4	22.4	22.4	3	22.7
		12	13	22.4	22.4	22.4	3	22.7	22.4	22.4	22.4	3	22.7
		25	0	22.4	22.4	22.3	3	22.7	22.4	22.4	22.3	3	22.7
	256QAM	1	0	20.1	20.0	20.1	5	20.7	20.1	20.0	20.1	5	20.7
		1	12	20.1	20.0	20.0	5	20.7	20.1	20.0	20.0	5	20.7
		1	24	20.0	20.0	20.0	5	20.7	20.0	20.0	20.0	5	20.7
		12	0	20.4	20.3	20.3	5	20.7	20.4	20.3	20.3	5	20.7
		12	7	20.4	20.4	20.3	5	20.7	20.4	20.4	20.3	5	20.7
		12	13	20.4	20.3	20.4	5	20.7	20.4	20.3	20.4	5	20.7
		25	0	20.4	20.4	20.3	5	20.7	20.4	20.4	20.3	5	20.7

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LTE Band 26 Measured Results (ANT1, Power State 1) (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	24.8	24.7	24.7	0	25.7	24.8	24.7	24.7	0	25.7
		1	8	25.0	24.9	24.9	0	25.7	25.0	24.9	24.9	0	25.7
		1	14	24.8	24.7	24.6	0	25.7	24.8	24.7	24.6	0	25.7
		8	0	24.3	24.3	24.3	1	24.7	24.3	24.3	24.3	1	24.7
		8	4	24.4	24.4	24.3	1	24.7	24.4	24.4	24.3	1	24.7
		8	7	24.4	24.4	24.3	1	24.7	24.4	24.4	24.3	1	24.7
		15	0	24.3	24.3	24.3	1	24.7	24.3	24.3	24.3	1	24.7
	16QAM	1	0	24.0	24.0	24.0	1	24.7	24.0	24.0	24.0	1	24.7
		1	8	24.2	24.2	24.3	1	24.7	24.2	24.2	24.3	1	24.7
		1	14	24.1	24.0	23.9	1	24.7	24.1	24.0	23.9	1	24.7
		8	0	23.3	23.2	23.3	2	23.7	23.3	23.2	23.3	2	23.7
		8	4	23.4	23.3	23.3	2	23.7	23.4	23.3	23.3	2	23.7
		8	7	23.4	23.3	23.3	2	23.7	23.4	23.3	23.3	2	23.7
		15	0	23.3	23.2	23.2	2	23.7	23.3	23.2	23.2	2	23.7
	64QAM	1	0	22.8	22.8	22.9	2	23.7	22.8	22.8	22.9	2	23.7
		1	8	23.0	23.0	23.2	2	23.7	23.0	23.0	23.2	2	23.7
		1	14	22.9	22.9	22.9	2	23.7	22.9	22.9	22.9	2	23.7
		8	0	22.3	22.3	22.3	3	22.7	22.3	22.3	22.3	3	22.7
		8	4	22.3	22.4	22.4	3	22.7	22.3	22.4	22.4	3	22.7
		8	7	22.3	22.4	22.4	3	22.7	22.3	22.4	22.4	3	22.7
		15	0	22.2	22.3	22.3	3	22.7	22.2	22.3	22.3	3	22.7
	256QAM	1	0	19.8	19.8	19.9	5	20.7	19.8	19.8	19.9	5	20.7
		1	8	20.1	20.0	20.1	5	20.7	20.1	20.0	20.1	5	20.7
		1	14	19.9	19.8	19.9	5	20.7	19.9	19.8	19.9	5	20.7
		8	0	20.3	20.3	20.3	5	20.7	20.3	20.3	20.3	5	20.7
		8	4	20.3	20.3	20.4	5	20.7	20.3	20.3	20.4	5	20.7
		8	7	20.3	20.3	20.3	5	20.7	20.3	20.3	20.3	5	20.7
		15	0	20.2	20.3	20.3	5	20.7	20.2	20.3	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	24.7	24.7	24.7	0	25.7	24.7	24.7	24.7	0	25.7
		1	3	24.9	24.9	24.8	0	25.7	24.9	24.9	24.8	0	25.7
		1	5	24.7	24.7	24.6	0	25.7	24.7	24.7	24.6	0	25.7
		3	0	25.2	25.2	25.2	0	25.7	25.2	25.2	25.2	0	25.7
		3	1	25.3	25.3	25.3	0	25.7	25.3	25.3	25.3	0	25.7
		3	3	25.3	25.3	25.3	0	25.7	25.3	25.3	25.3	0	25.7
		6	0	24.3	24.3	24.2	1	24.7	24.3	24.3	24.2	1	24.7
	16QAM	1	0	23.9	24.0	23.9	1	24.7	23.9	24.0	23.9	1	24.7
		1	3	24.1	24.2	24.1	1	24.7	24.1	24.2	24.1	1	24.7
		1	5	24.0	24.0	23.9	1	24.7	24.0	24.0	23.9	1	24.7
		3	0	24.4	24.4	24.3	1	24.7	24.4	24.4	24.3	1	24.7
		3	1	24.5	24.5	24.4	1	24.7	24.5	24.5	24.4	1	24.7
		3	3	24.5	24.4	24.4	1	24.7	24.5	24.4	24.4	1	24.7
		6	0	23.3	23.3	23.3	2	23.7	23.3	23.3	23.3	2	23.7
	64QAM	1	0	22.8	22.8	22.8	2	23.7	22.8	22.8	22.8	2	23.7
		1	3	23.0	23.1	23.0	2	23.7	23.0	23.1	23.0	2	23.7
		1	5	22.9	22.9	22.7	2	23.7	22.9	22.9	22.7	2	23.7
		3	0	23.4	23.4	23.4	2	23.7	23.4	23.4	23.4	2	23.7
		3	1	23.4	23.4	23.4	2	23.7	23.4	23.4	23.4	2	23.7
		3	3	23.5	23.4	23.4	2	23.7	23.5	23.4	23.4	2	23.7
		6	0	22.3	22.3	22.2	3	22.7	22.3	22.3	22.2	3	22.7
	256QAM	1	0	19.8	19.8	19.8	5	20.7	19.8	19.8	19.8	5	20.7
		1	3	20.0	20.0	19.9	5	20.7	20.0	20.0	19.9	5	20.7
		1	5	19.8	19.8	19.7	5	20.7	19.8	19.8	19.7	5	20.7
		3	0	20.3	20.3	20.3	5	20.7	20.3	20.3	20.3	5	20.7
		3	1	20.4	20.4	20.3	5	20.7	20.4	20.4	20.3	5	20.7
		3	3	20.4	20.4	20.3	5	20.7	20.4	20.4	20.3	5	20.7
		6	0	20.3	20.3	20.2	5	20.7	20.3	20.3	20.2	5	20.7

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LTE Band 26 Measured Results (ANT2, Power State 1)

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	22.8	22.8	22.8	0	23.5	23.6	23.6	23.5	0	24.7
		1	25	22.8	22.8	22.8	0	23.5	23.6	23.7	23.5	0	24.7
		1	49	22.9	22.8	22.7	0	23.5	23.7	23.5	23.5	0	24.7
		25	0	22.9	22.8	22.7	0	23.5	23.2	23.1	23.0	1	23.7
		25	12	22.8	22.8	22.6	0	23.5	23.2	23.0	22.9	1	23.7
		25	25	22.8	22.8	22.7	0	23.5	23.2	23.1	23.0	1	23.7
		50	0	22.9	22.8	22.7	0	23.5	23.2	23.1	23.0	1	23.7
	16QAM	1	0	22.8	22.8	22.8	0	23.5	22.9	22.8	22.8	1	23.7
		1	25	22.9	22.9	22.7	0	23.5	22.9	22.9	22.7	1	23.7
		1	49	22.9	22.8	22.8	0	23.5	22.9	22.8	22.8	1	23.7
		25	0	22.1	22.0	22.0	0.8	22.7	22.1	22.0	22.0	2	22.7
		25	12	22.1	22.0	21.9	0.8	22.7	22.1	22.0	21.9	2	22.7
		25	25	22.1	22.0	22.0	0.8	22.7	22.1	22.0	21.9	2	22.7
		50	0	22.1	22.0	21.9	0.8	22.7	22.1	22.0	21.9	2	22.7
	64QAM	1	0	21.8	21.8	21.7	0.8	22.7	21.8	21.8	21.8	2	22.7
		1	25	21.8	21.8	21.7	0.8	22.7	21.8	21.8	21.7	2	22.7
		1	49	21.8	21.8	21.7	0.8	22.7	21.8	21.7	21.6	2	22.7
		25	0	21.1	21.1	21.0	1.8	21.7	21.2	21.1	21.0	3	21.7
		25	12	21.1	21.0	20.9	1.8	21.7	21.1	21.0	20.9	3	21.7
		25	25	21.1	21.0	21.0	1.8	21.7	21.1	21.1	21.0	3	21.7
		50	0	21.1	21.1	21.0	1.8	21.7	21.1	21.1	21.0	3	21.7
	256QAM	1	0	18.7	18.7	18.7	3.8	19.7	18.7	18.7	18.7	5	19.7
		1	25	18.8	18.7	18.7	3.8	19.7	18.7	18.8	18.6	5	19.7
		1	49	18.8	18.7	18.8	3.8	19.7	18.7	18.7	18.7	5	19.7
		25	0	19.1	19.0	19.0	3.8	19.7	19.1	19.0	19.0	5	19.7
		25	12	19.1	19.0	19.0	3.8	19.7	19.1	19.0	18.9	5	19.7
		25	25	19.1	19.0	19.0	3.8	19.7	19.1	19.1	18.9	5	19.7
		50	0	19.1	19.1	19.0	3.8	19.7	19.1	19.1	19.0	5	19.7

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	22.6	22.6	22.5	0	23.5	23.6	23.6	23.6	0	24.7
		1	12	22.7	22.6	22.5	0	23.5	23.7	23.6	23.6	0	24.7
		1	24	22.7	22.6	22.5	0	23.5	23.7	23.6	23.6	0	24.7
		12	0	22.6	22.6	22.5	0	23.5	23.1	23.1	23.0	1	23.7
		12	7	22.7	22.6	22.5	0	23.5	23.2	23.1	23.0	1	23.7
		12	13	22.7	22.6	22.5	0	23.5	23.2	23.1	23.0	1	23.7
		25	0	22.7	22.6	22.5	0	23.5	23.2	23.1	23.0	1	23.7
	16QAM	1	0	22.9	23.0	23.0	0	23.5	22.9	23.0	22.8	1	23.7
		1	12	23.0	23.0	23.0	0	23.5	22.9	23.0	22.8	1	23.7
		1	24	22.9	23.0	22.9	0	23.5	22.9	23.0	22.8	1	23.7
		12	0	22.1	22.1	22.0	0.8	22.7	22.0	22.1	22.0	2	22.7
		12	7	22.1	22.1	22.0	0.8	22.7	22.2	22.1	22.0	2	22.7
		12	13	22.1	22.0	22.0	0.8	22.7	22.2	22.1	22.0	2	22.7
		25	0	22.1	22.0	22.0	0.8	22.7	22.2	22.1	21.9	2	22.7
	64QAM	1	0	21.8	21.8	21.8	0.8	22.7	21.8	21.8	21.8	2	22.7
		1	12	21.9	21.8	21.7	0.8	22.7	21.8	21.8	21.8	2	22.7
		1	24	21.8	21.8	21.7	0.8	22.7	21.9	21.9	21.8	2	22.7
		12	0	21.0	21.1	21.0	1.8	21.7	21.1	21.1	21.0	3	21.7
		12	7	21.1	21.1	21.0	1.8	21.7	21.2	21.1	21.0	3	21.7
		12	13	21.1	21.1	21.1	1.8	21.7	21.1	21.1	21.0	3	21.7
		25	0	21.1	21.1	21.0	1.8	21.7	21.2	21.1	21.0	3	21.7
	256QAM	1	0	18.7	18.7	18.7	3.8	19.7	18.7	18.7	18.7	5	19.7
		1	12	18.8	18.7	18.7	3.8	19.7	18.8	18.8	18.7	5	19.7
		1	24	18.8	18.7	18.7	3.8	19.7	18.8	18.8	18.7	5	19.7
		12	0	19.0	19.0	19.0	3.8	19.7	19.1	19.1	19.0	5	19.7
		12	7	19.1	19.0	19.0	3.8	19.7	19.2	19.1	19.0	5	19.7
		12	13	19.1	19.0	19.0	3.8	19.7	19.1	19.0	19.1	5	19.7
		25	0	19.1	19.1	19.0	3.8	19.7	19.2	19.0	19.0	5	19.7

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LTE Band 26 Measured Results (ANT2, Power State 1) (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	22.4	22.5	22.4	0	23.5	23.5	23.4	23.3	0	24.7
		1	8	22.6	22.6	22.6	0	23.5	23.7	23.6	23.6	0	24.7
		1	14	22.5	22.5	22.4	0	23.5	23.5	23.4	23.4	0	24.7
		8	0	22.5	22.5	22.5	0	23.5	23.0	23.0	23.0	1	23.7
		8	4	22.5	22.6	22.5	0	23.5	23.1	23.0	23.0	1	23.7
		8	7	22.5	22.5	22.5	0	23.5	23.1	23.0	23.0	1	23.7
		15	0	22.5	22.5	22.5	0	23.5	23.0	23.0	23.0	1	23.7
	16QAM	1	0	22.6	22.7	22.6	0	23.5	22.7	22.7	22.7	1	23.7
		1	8	22.9	22.9	22.8	0	23.5	22.9	22.9	22.9	1	23.7
		1	14	22.8	22.6	22.6	0	23.5	22.9	22.7	22.6	1	23.7
		8	0	22.0	21.9	22.0	0.8	22.7	21.9	22.0	21.9	2	22.7
		8	4	22.0	22.1	22.0	0.8	22.7	22.0	22.0	22.0	2	22.7
		8	7	22.0	22.0	22.0	0.8	22.7	22.1	22.0	22.0	2	22.7
		15	0	21.9	22.0	21.9	0.8	22.7	22.0	22.0	21.9	2	22.7
	64QAM	1	0	21.6	21.6	21.6	0.8	22.7	21.5	21.7	21.4	2	22.7
		1	8	21.8	21.7	21.7	0.8	22.7	21.7	21.8	21.7	2	22.7
		1	14	21.7	21.6	21.5	0.8	22.7	21.6	21.6	21.5	2	22.7
		8	0	21.0	21.0	21.0	1.8	21.7	21.0	20.9	21.0	3	21.7
		8	4	21.1	21.0	21.0	1.8	21.7	21.0	21.0	21.0	3	21.7
		8	7	21.1	21.0	21.0	1.8	21.7	21.0	21.0	21.0	3	21.7
		15	0	21.0	21.0	21.0	1.8	21.7	21.0	21.0	21.0	3	21.7
	256QAM	1	0	18.5	18.6	18.5	3.8	19.7	18.5	18.6	18.5	5	19.7
		1	8	18.7	18.7	18.8	3.8	19.7	18.7	18.7	18.7	5	19.7
		1	14	18.7	18.6	18.5	3.8	19.7	18.6	18.6	18.5	5	19.7
		8	0	19.0	19.0	19.0	3.8	19.7	19.0	19.0	19.0	5	19.7
		8	4	19.1	19.0	19.0	3.8	19.7	19.0	19.0	19.0	5	19.7
		8	7	19.1	19.0	19.0	3.8	19.7	19.0	19.0	19.0	5	19.7
		15	0	19.0	19.0	18.9	3.8	19.7	19.0	18.9	19.0	5	19.7

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	22.4	22.4	22.4	0	23.5	23.4	23.3	23.3	0	24.7
		1	3	22.6	22.6	22.5	0	23.5	23.6	23.5	23.5	0	24.7
		1	5	22.4	22.4	22.3	0	23.5	23.4	23.3	23.3	0	24.7
		3	0	22.5	22.4	22.4	0	23.5	24.0	23.9	23.9	0	24.7
		3	1	22.5	22.5	22.4	0	23.5	24.0	23.9	24.0	0	24.7
		3	3	22.5	22.5	22.4	0	23.5	24.1	24.0	24.0	0	24.7
		6	0	22.5	22.5	22.4	0	23.5	23.0	22.9	22.9	1	23.7
	16QAM	1	0	22.7	22.6	22.5	0	23.5	22.8	22.6	22.6	1	23.7
		1	3	22.9	22.8	22.7	0	23.5	23.0	22.8	22.8	1	23.7
		1	5	22.8	22.5	22.5	0	23.5	22.8	22.6	22.6	1	23.7
		3	0	22.6	22.5	22.5	0	23.5	23.1	23.0	23.0	1	23.7
		3	1	22.7	22.6	22.5	0	23.5	23.2	23.1	23.1	1	23.7
		3	3	22.6	22.6	22.6	0	23.5	23.2	23.1	23.1	1	23.7
		6	0	22.0	22.0	21.9	0.8	22.7	22.0	22.0	22.0	2	22.7
	64QAM	1	0	21.5	21.6	21.6	0.8	22.7	21.4	21.5	21.6	2	22.7
		1	3	21.8	21.8	21.7	0.8	22.7	21.7	21.7	21.8	2	22.7
		1	5	21.6	21.6	21.4	0.8	22.7	21.5	21.5	21.5	2	22.7
		3	0	22.1	22.1	22.0	0.8	22.7	22.0	22.1	22.0	2	22.7
		3	1	22.2	22.1	22.0	0.8	22.7	22.1	22.1	22.1	2	22.7
		3	3	22.2	22.1	22.0	0.8	22.7	22.1	22.1	22.1	2	22.7
		6	0	21.0	21.0	20.9	1.8	21.7	20.9	21.0	20.9	3	21.7
	256QAM	1	0	18.5	18.5	18.4	3.8	19.7	18.4	18.5	18.6	5	19.7
		1	3	18.7	18.7	18.7	3.8	19.7	18.7	18.7	18.8	5	19.7
		1	5	18.5	18.5	18.4	3.8	19.7	18.4	18.5	18.5	5	19.7
		3	0	19.0	19.1	18.9	3.8	19.7	19.0	19.0	19.0	5	19.7
		3	1	19.1	19.2	19.0	3.8	19.7	19.1	19.1	19.1	5	19.7
		3	3	19.1	19.1	19.0	3.8	19.7	19.1	19.1	19.1	5	19.7
		6	0	19.0	19.0	18.9	3.8	19.7	19.0	19.0	18.9	5	19.7

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LTE Band 30 Measured Results (ANT1, Power State 1)

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	25.2	0	25.7	21.8	0	22.9
		1	25	25.1	0	25.7	21.7	0	22.9
		1	49	24.9	0	25.7	21.5	0	22.9
		25	0	24.5	1	24.7	21.8	0	22.9
		25	12	24.5	1	24.7	21.9	0	22.9
		25	25	24.5	1	24.7	21.8	0	22.9
		50	0	24.5	1	24.7	22.0	0	22.9
	16QAM	1	0	24.5	1	24.7	22.6	0	22.9
		1	25	24.4	1	24.7	22.6	0	22.9
		1	49	24.3	1	24.7	22.4	0	22.9
		25	0	23.7	2	23.7	22.3	0	22.9
		25	12	23.6	2	23.7	22.2	0	22.9
		25	25	23.6	2	23.7	22.2	0	22.9
		50	0	23.7	2	23.7	22.3	0	22.9
	64QAM	1	0	23.4	2	23.7	22.6	0	22.9
		1	25	23.3	2	23.7	22.4	0	22.9
		1	49	23.1	2	23.7	22.3	0	22.9
		25	0	22.7	3	22.7	22.4	0.2	22.7
		25	12	22.7	3	22.7	22.3	0.2	22.7
		25	25	22.6	3	22.7	22.3	0.2	22.7
		50	0	22.7	3	22.7	22.3	0.2	22.7
	256QAM	1	0	20.4	5	20.7	20.4	2.2	20.7
		1	25	20.3	5	20.7	20.2	2.2	20.7
		1	49	20.2	5	20.7	20.2	2.2	20.7
		25	0	20.7	5	20.7	20.7	2.2	20.7
		25	12	20.7	5	20.7	20.6	2.2	20.7
		25	25	20.6	5	20.7	20.6	2.2	20.7
		50	0	20.7	5	20.7	20.6	2.2	20.7

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	25.2	0	25.7	22.2	0	22.9
		1	12	25.1	0	25.7	22.1	0	22.9
		1	24	25.0	0	25.7	22.1	0	22.9
		12	0	24.6	1	24.7	22.2	0	22.9
		12	7	24.5	1	24.7	22.2	0	22.9
		12	13	24.5	1	24.7	22.2	0	22.9
		25	0	24.6	1	24.7	22.2	0	22.9
	16QAM	1	0	24.6	1	24.7	22.7	0	22.9
		1	12	24.4	1	24.7	22.6	0	22.9
		1	24	24.4	1	24.7	22.6	0	22.9
		12	0	23.7	2	23.7	22.3	0	22.9
		12	7	23.6	2	23.7	22.2	0	22.9
		12	13	23.5	2	23.7	22.1	0	22.9
		25	0	23.6	2	23.7	22.1	0	22.9
	64QAM	1	0	23.5	2	23.7	22.6	0	22.9
		1	12	23.3	2	23.7	22.5	0	22.9
		1	24	23.3	2	23.7	22.5	0	22.9
		12	0	22.7	3	22.7	22.3	0.2	22.7
		12	7	22.7	3	22.7	22.3	0.2	22.7
		12	13	22.6	3	22.7	22.3	0.2	22.7
		25	0	22.6	3	22.7	22.3	0.2	22.7
	256QAM	1	0	20.3	5	20.7	20.3	2.2	20.7
		1	12	20.2	5	20.7	20.2	2.2	20.7
		1	24	20.2	5	20.7	20.2	2.2	20.7
		12	0	20.7	5	20.7	20.7	2.2	20.7
		12	7	20.6	5	20.7	20.6	2.2	20.7
		12	13	20.6	5	20.7	20.6	2.2	20.7
		25	0	20.6	5	20.7	20.6	2.2	20.7

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LTE Band 30 Measured Results (ANT2, Power State 1)

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	18.7	0	20.4	17.5	0	19.2
		1	25	18.7	0	20.4	17.5	0	19.2
		1	49	18.7	0	20.4	17.5	0	19.2
		25	0	18.7	0	20.4	17.5	0	19.2
		25	12	18.7	0	20.4	17.5	0	19.2
		25	25	18.7	0	20.4	17.5	0	19.2
		50	0	18.8	0	20.4	17.6	0	19.2
	16QAM	1	0	18.6	0	20.4	17.3	0	19.2
		1	25	18.4	0	20.4	17.2	0	19.2
		1	49	18.4	0	20.4	17.2	0	19.2
		25	0	18.4	0	20.4	17.2	0	19.2
		25	12	18.4	0	20.4	17.2	0	19.2
		25	25	18.4	0	20.4	17.2	0	19.2
		50	0	18.4	0	20.4	17.2	0	19.2
	64QAM	1	0	18.5	0	20.4	17.4	0	19.2
		1	25	18.4	0	20.4	17.2	0	19.2
		1	49	18.4	0	20.4	17.3	0	19.2
		25	0	18.3	0.2	20.2	17.2	0	19.2
		25	12	18.2	0.2	20.2	17.2	0	19.2
		25	25	18.3	0.2	20.2	17.2	0	19.2
		50	0	18.3	0.2	20.2	17.2	0	19.2
	256QAM	1	0	16.8	2.2	18.2	16.8	1	18.2
		1	25	16.7	2.2	18.2	16.7	1	18.2
		1	49	16.7	2.2	18.2	16.7	1	18.2
		25	0	17.2	2.2	18.2	17.1	1	18.2
		25	12	17.0	2.2	18.2	17.0	1	18.2
		25	25	17.1	2.2	18.2	17.1	1	18.2
		50	0	17.1	2.2	18.2	17.1	1	18.2

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	18.4	0	20.4	17.2	0	19.2
		1	12	18.4	0	20.4	17.2	0	19.2
		1	24	18.4	0	20.4	17.2	0	19.2
		12	0	18.4	0	20.4	17.2	0	19.2
		12	7	18.4	0	20.4	17.2	0	19.2
		12	13	18.4	0	20.4	17.2	0	19.2
		25	0	18.4	0	20.4	17.2	0	19.2
	16QAM	1	0	18.8	0	20.4	17.5	0	19.2
		1	12	18.7	0	20.4	17.4	0	19.2
		1	24	18.7	0	20.4	17.5	0	19.2
		12	0	18.4	0	20.4	17.2	0	19.2
		12	7	18.4	0	20.4	17.2	0	19.2
		12	13	18.4	0	20.4	17.2	0	19.2
		25	0	18.4	0	20.4	17.2	0	19.2
	64QAM	1	0	18.7	0	20.4	17.4	0	19.2
		1	12	18.6	0	20.4	17.3	0	19.2
		1	24	18.6	0	20.4	17.3	0	19.2
		12	0	18.3	0.2	20.2	17.2	0	19.2
		12	7	18.3	0.2	20.2	17.2	0	19.2
		12	13	18.3	0.2	20.2	17.2	0	19.2
		25	0	18.3	0.2	20.2	17.2	0	19.2
	256QAM	1	0	16.9	2.2	18.2	16.8	1	18.2
		1	12	16.8	2.2	18.2	16.7	1	18.2
		1	24	16.8	2.2	18.2	16.8	1	18.2
		12	0	17.2	2.2	18.2	17.1	1	18.2
		12	7	17.1	2.2	18.2	17.0	1	18.2
		12	13	17.2	2.2	18.2	17.1	1	18.2
		25	0	17.1	2.2	18.2	17.1	1	18.2

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LTE Band 30 Measured Results (ANT3, Power State 1)

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	23.2	0	24.0	21.5	0	22.3
		1	25	23.1	0	24.0	21.4	0	22.3
		1	49	23.1	0	24.0	21.4	0	22.3
		25	0	23.2	0	24.0	21.4	0	22.3
		25	12	23.2	0	24.0	21.4	0	22.3
		25	25	23.2	0	24.0	21.5	0	22.3
		50	0	23.2	0	24.0	21.5	0	22.3
	16QAM	1	0	23.5	0	24.0	21.7	0	22.3
		1	25	23.4	0	24.0	21.6	0	22.3
		1	49	23.4	0	24.0	21.6	0	22.3
		25	0	22.8	0.8	23.2	21.4	0	22.3
		25	12	22.8	0.8	23.2	21.4	0	22.3
		25	25	22.8	0.8	23.2	21.4	0	22.3
		50	0	22.8	0.8	23.2	21.5	0	22.3
	64QAM	1	0	22.5	0.8	23.2	21.7	0	22.3
		1	25	22.5	0.8	23.2	21.6	0	22.3
		1	49	22.5	0.8	23.2	21.7	0	22.3
		25	0	21.8	1.8	22.2	21.4	0.1	22.2
		25	12	21.7	1.8	22.2	21.4	0.1	22.2
		25	25	21.8	1.8	22.2	21.4	0.1	22.2
		50	0	21.8	1.8	22.2	21.4	0.1	22.2
	256QAM	1	0	19.5	3.8	20.2	19.5	2.1	20.2
		1	25	19.4	3.8	20.2	19.5	2.1	20.2
		1	49	19.5	3.8	20.2	19.5	2.1	20.2
		25	0	19.8	3.8	20.2	19.8	2.1	20.2
		25	12	19.7	3.8	20.2	19.8	2.1	20.2
		25	25	19.7	3.8	20.2	19.8	2.1	20.2
		50	0	19.8	3.8	20.2	19.8	2.1	20.2

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	23.2	0	24.0	21.5	0	22.3
		1	12	23.1	0	24.0	21.4	0	22.3
		1	24	23.2	0	24.0	21.5	0	22.3
		12	0	23.1	0	24.0	21.4	0	22.3
		12	7	23.2	0	24.0	21.5	0	22.3
		12	13	23.1	0	24.0	21.4	0	22.3
		25	0	23.1	0	24.0	21.4	0	22.3
	16QAM	1	0	23.5	0	24.0	21.7	0	22.3
		1	12	23.5	0	24.0	21.6	0	22.3
		1	24	23.6	0	24.0	21.6	0	22.3
		12	0	22.7	0.8	23.2	21.3	0	22.3
		12	7	22.8	0.8	23.2	21.3	0	22.3
		12	13	22.7	0.8	23.2	21.3	0	22.3
		25	0	22.8	0.8	23.2	21.4	0	22.3
	64QAM	1	0	22.5	0.8	23.2	21.7	0	22.3
		1	12	22.4	0.8	23.2	21.5	0	22.3
		1	24	22.5	0.8	23.2	21.6	0	22.3
		12	0	21.7	1.8	22.2	21.3	0.1	22.2
		12	7	21.8	1.8	22.2	21.4	0.1	22.2
		12	13	21.7	1.8	22.2	21.3	0.1	22.2
		25	0	21.8	1.8	22.2	21.4	0.1	22.2
	256QAM	1	0	19.5	3.8	20.2	19.5	2.1	20.2
		1	12	19.5	3.8	20.2	19.5	2.1	20.2
		1	24	19.5	3.8	20.2	19.5	2.1	20.2
		12	0	19.7	3.8	20.2	19.7	2.1	20.2
		12	7	19.8	3.8	20.2	19.7	2.1	20.2
		12	13	19.7	3.8	20.2	19.7	2.1	20.2
		25	0	19.7	3.8	20.2	19.7	2.1	20.2

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LTE Band 30 Measured Results (ANT4, Power State 1)

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	19.9	0	20.4	18.5	0	19.9
		1	25	19.8	0	20.4	18.5	0	19.9
		1	49	19.8	0	20.4	18.5	0	19.9
		25	0	19.9	0	20.4	18.6	0	19.9
		25	12	19.8	0	20.4	18.6	0	19.9
		25	25	19.9	0	20.4	18.5	0	19.9
		50	0	19.9	0	20.4	18.6	0	19.9
	16QAM	1	0	20.1	0	20.4	18.6	0	19.9
		1	25	20.1	0	20.4	18.6	0	19.9
		1	49	20.0	0	20.4	18.6	0	19.9
		25	0	19.7	0	20.4	18.3	0	19.9
		25	12	19.7	0	20.4	18.3	0	19.9
		25	25	19.7	0	20.4	18.3	0	19.9
		50	0	19.8	0	20.4	18.3	0	19.9
	64QAM	1	0	19.8	0	20.4	18.3	0	19.9
		1	25	19.8	0	20.4	18.4	0	19.9
		1	49	19.8	0	20.4	18.4	0	19.9
		25	0	19.1	0.2	20.2	18.1	0	19.9
		25	12	19.1	0.2	20.2	18.2	0	19.9
		25	25	19.1	0.2	20.2	18.2	0	19.9
		50	0	19.1	0.2	20.2	18.2	0	19.9
	256QAM	1	0	16.8	2.2	18.2	16.8	1.7	18.2
		1	25	16.8	2.2	18.2	16.8	1.7	18.2
		1	49	16.8	2.2	18.2	16.9	1.7	18.2
		25	0	17.1	2.2	18.2	17.1	1.7	18.2
		25	12	17.2	2.2	18.2	17.2	1.7	18.2
		25	25	17.2	2.2	18.2	17.2	1.7	18.2
		50	0	17.1	2.2	18.2	17.2	1.7	18.2

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	19.8	0	20.4	18.4	0	19.9
		1	12	19.7	0	20.4	18.3	0	19.9
		1	24	19.8	0	20.4	18.4	0	19.9
		12	0	19.8	0	20.4	18.4	0	19.9
		12	7	19.8	0	20.4	18.4	0	19.9
		12	13	19.8	0	20.4	18.4	0	19.9
		25	0	19.8	0	20.4	18.4	0	19.9
	16QAM	1	0	20.2	0	20.4	18.7	0	19.9
		1	12	20.1	0	20.4	18.7	0	19.9
		1	24	20.1	0	20.4	18.7	0	19.9
		12	0	19.8	0	20.4	18.4	0	19.9
		12	7	19.8	0	20.4	18.3	0	19.9
		12	13	19.8	0	20.4	18.3	0	19.9
		25	0	19.8	0	20.4	18.3	0	19.9
	64QAM	1	0	19.9	0	20.4	18.2	0	19.9
		1	12	19.8	0	20.4	18.2	0	19.9
		1	24	19.8	0	20.4	18.3	0	19.9
		12	0	19.1	0.2	20.2	18.1	0	19.9
		12	7	19.1	0.2	20.2	18.1	0	19.9
		12	13	19.1	0.2	20.2	18.1	0	19.9
		25	0	19.1	0.2	20.2	18.1	0	19.9
	256QAM	1	0	16.8	2.2	18.2	16.8	1.7	18.2
		1	12	16.8	2.2	18.2	16.7	1.7	18.2
		1	24	16.9	2.2	18.2	16.8	1.7	18.2
		12	0	17.2	2.2	18.2	17.2	1.7	18.2
		12	7	17.2	2.2	18.2	17.1	1.7	18.2
		12	13	17.1	2.2	18.2	17.1	1.7	18.2
		25	0	17.1	2.2	18.2	17.1	1.7	18.2

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LTE Band 41 Power Class 3 Measured Results (ANT1, Power State 1)

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	24.8	24.6	24.6	24.6	24.8	0	25.7	22.5	22.4	22.4	22.6	22.5	0	23.9
		1	49	25.0	24.8	24.8	24.9	24.8	0	25.7	22.8	22.6	22.6	22.7	22.7	0	23.9
		1	99	24.6	24.6	24.6	24.6	24.8	0	25.7	22.5	22.4	22.5	22.5	22.4	0	23.9
		50	0	24.3	24.2	24.3	24.3	24.3	1	24.7	22.7	22.5	22.6	22.7	22.6	0	23.9
		50	24	24.3	24.2	24.4	24.3	24.3	1	24.7	22.7	22.6	22.6	22.7	22.6	0	23.9
		50	50	24.4	24.2	24.3	24.3	24.3	1	24.7	22.6	22.5	22.6	22.6	22.6	0	23.9
		100	0	24.4	24.3	24.3	24.3	24.3	1	24.7	22.7	22.6	22.6	22.7	22.6	0	23.9
	16QAM	1	0	24.1	23.9	24.2	24.1	24.0	1	24.7	22.7	22.6	22.5	22.6	22.5	0	23.9
		1	49	24.2	24.2	24.3	24.4	24.2	1	24.7	23.0	22.9	22.7	22.9	22.8	0	23.9
		1	99	24.1	24.0	24.0	24.2	23.9	1	24.7	22.9	22.7	22.4	22.9	22.5	0	23.9
		50	0	23.6	23.5	23.5	23.5	23.5	2	23.7	22.9	22.8	22.8	22.9	22.8	0.2	23.7
		50	24	23.6	23.5	23.4	23.6	23.5	2	23.7	22.9	22.8	22.7	22.9	22.8	0.2	23.7
		50	50	23.7	23.6	23.5	23.6	23.5	2	23.7	23.0	22.8	22.7	22.9	22.8	0.2	23.7
		100	0	23.7	23.6	23.5	23.6	23.6	2	23.7	23.0	22.9	22.8	23.0	22.9	0.2	23.7
	64QAM	1	0	22.6	22.4	22.5	22.5	22.4	2	23.7	22.6	22.5	22.5	22.5	22.4	0.2	23.7
		1	49	22.7	22.7	22.6	22.6	22.7	2	23.7	22.7	22.6	22.6	22.7	22.6	0.2	23.7
		1	99	22.8	22.4	22.4	22.7	22.4	2	23.7	22.7	22.6	22.4	22.7	22.4	0.2	23.7
		50	0	22.6	22.5	22.5	22.6	22.5	3	22.7	22.6	22.5	22.5	22.6	22.6	1.2	22.7
		50	24	22.7	22.6	22.4	22.6	22.5	3	22.7	22.6	22.6	22.4	22.6	22.5	1.2	22.7
		50	50	22.7	22.5	22.5	22.7	22.5	3	22.7	22.7	22.5	22.5	22.7	22.5	1.2	22.7
		100	0	22.7	22.6	22.5	22.7	22.6	3	22.7	22.7	22.6	22.5	22.7	22.6	1.2	22.7
	256QAM	1	0	20.1	19.9	19.9	20.0	20.0	5	20.7	20.0	19.8	19.9	20.0	20.0	3.2	20.7
		1	49	20.1	20.1	20.0	20.2	20.0	5	20.7	20.1	20.0	20.0	20.1	20.1	3.2	20.7
		1	99	20.0	19.9	19.8	20.1	19.9	5	20.7	20.1	19.9	19.8	20.0	19.8	3.2	20.7
		50	0	20.6	20.5	20.5	20.6	20.6	5	20.7	20.6	20.5	20.5	20.6	20.6	3.2	20.7
		50	24	20.7	20.6	20.5	20.7	20.6	5	20.7	20.7	20.5	20.5	20.7	20.6	3.2	20.7
		50	50	20.7	20.6	20.5	20.7	20.5	5	20.7	20.7	20.6	20.5	20.7	20.5	3.2	20.7
		100	0	20.7	20.6	20.5	20.7	20.6	5	20.7	20.7	20.6	20.5	20.7	20.6	3.2	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	24.7	24.7	24.6	24.6	24.6	0	25.7	22.7	22.6	22.5	22.6	22.7	0	23.9
		1	37	24.9	24.7	24.6	24.8	24.7	0	25.7	22.8	22.7	22.5	22.7	22.7	0	23.9
		1	74	24.8	24.8	24.5	24.8	24.5	0	25.7	22.8	22.7	22.4	22.8	22.6	0	23.9
		36	0	24.7	24.6	24.5	24.6	24.6	1	24.7	23.0	22.8	22.8	23.0	22.9	0	23.9
		36	20	24.7	24.6	24.5	24.6	24.6	1	24.7	23.0	22.9	22.9	23.0	22.9	0	23.9
		36	39	24.7	24.6	24.5	24.7	24.5	1	24.7	23.0	22.9	22.8	23.0	22.8	0	23.9
		75	0	24.7	24.6	24.5	24.7	24.6	1	24.7	23.0	22.9	22.8	23.0	22.9	0	23.9
	16QAM	1	0	24.1	24.1	24.2	24.1	24.1	1	24.7	22.7	22.6	22.6	22.6	22.6	0	23.9
		1	37	24.2	24.2	24.0	24.2	24.1	1	24.7	22.8	22.5	22.5	22.8	22.7	0	23.9
		1	74	24.2	24.1	23.9	24.3	24.0	1	24.7	22.8	22.6	22.5	22.8	22.6	0	23.9
		36	0	23.6	23.5	23.5	23.6	23.6	2	23.7	23.0	22.8	22.8	22.9	22.8	0.2	23.7
		36	20	23.6	23.6	23.5	23.6	23.6	2	23.7	23.0	22.8	22.8	22.9	22.8	0.2	23.7
		36	39	23.6	23.5	23.5	23.7	23.5	2	23.7	22.9	22.8	22.8	23.0	22.8	0.2	23.7
		75	0	23.6	23.6	23.5	23.6	23.6	2	23.7	23.0	22.9	22.8	23.0	22.9	0.2	23.7
	64QAM	1	0	22.8	22.6	22.7	22.7	22.6	2	23.7	22.8	22.6	22.7	22.7	22.7	0.2	23.7
		1	37	22.7	22.5	22.6	22.7	22.6	2	23.7	22.6	22.6	22.6	22.7	22.6	0.2	23.7
		1	74	22.8	22.7	22.5	22.9	22.5	2	23.7	22.8	22.6	22.6	22.8	22.5	0.2	23.7
		36	0	22.7	22.5	22.5	22.6	22.5	3	22.7	22.6	22.5	22.6	22.6	22.5	1.2	22.7
		36	20	22.6	22.6	22.5	22.6	22.5	3	22.7	22.6	22.5	22.5	22.7	22.5	1.2	22.7
		36	39	22.6	22.6	22.4	22.6	22.5	3	22.7	22.6	22.5	22.5	22.7	22.5	1.2	22.7
		75	0	22.7	22.6	22.5	22.7	22.6	3	22.7	22.7	22.6	22.5	22.7	22.5	1.2	22.7
	256QAM	1	0	20.3	20.1	20.2	20.2	20.1	5	20.7	20.2	20.1	20.2	20.2	20.2	3.2	20.7
		1	37	20.1	20.1	20.0	20.2	20.0	5	20.7	20.2	20.2	20.1	20.4	20.2	3.2	20.7
		1	74	20.3	20.1	20.0	20.3	20.1	5	20.7	20.3	20.1	20.0	20.4	20.1	3.2	20.7
		36	0	20.7	20.5	20.5	20.7	20.6	5	20.7	20.7	20.5	20.6	20.7	20.6	3.2	20.7
		36	20	20.7	20.6	20.5	20.7	20.6	5	20.7	20.7	20.6	20.6	20.7	20.6	3.2	20.7
		36	39	20.7	20.6	20.5	20.7	20.5	5	20.7	20.7	20.6	20.5	20.7	20.6	3.2	20.7
		75	0	20.7	20.6	20.5	20.7	20.6	5	20.7	20.7	20.6	20.5	20.7	20.6	3.2	20.7

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LTE Band 41 Power Class 3 Measured Results (ANT1, Power State 1) (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	24.8	24.7	24.7	24.7	24.8	0	25.7	22.7	22.7	22.6	22.7	22.6	0	23.9
		1	25	24.8	24.8	24.7	24.8	24.8	0	25.7	22.8	22.7	22.6	22.8	22.7	0	23.9
		1	49	24.8	24.7	24.7	24.8	24.7	0	25.7	22.8	22.7	22.5	22.9	22.6	0	23.9
		25	0	24.7	24.6	24.6	24.7	24.6	1	24.7	23.0	22.9	22.9	23.0	22.9	0	23.9
		25	12	24.7	24.6	24.6	24.7	24.6	1	24.7	23.0	22.9	22.9	23.0	22.9	0	23.9
		25	25	24.7	24.6	24.5	24.7	24.6	1	24.7	23.0	22.9	22.8	23.0	22.9	0	23.9
		50	0	24.7	24.7	24.5	24.7	24.7	1	24.7	23.1	23.0	22.9	23.1	23.0	0	23.9
	16QAM	1	0	24.1	24.2	24.1	24.1	24.2	1	24.7	22.7	22.8	22.6	22.8	22.7	0	23.9
		1	25	24.3	24.3	24.2	24.3	24.2	1	24.7	22.8	22.7	22.7	22.9	22.6	0	23.9
		1	49	24.3	24.2	24.1	24.3	24.1	1	24.7	22.8	22.7	22.6	22.9	22.6	0	23.9
		25	0	23.7	23.5	23.5	23.6	23.6	2	23.7	23.0	22.8	22.8	23.0	22.9	0.2	23.7
		25	12	23.7	23.6	23.5	23.6	23.6	2	23.7	23.0	22.9	22.8	23.0	22.9	0.2	23.7
		25	25	23.7	23.6	23.5	23.7	23.5	2	23.7	23.0	22.9	22.8	23.0	22.8	0.2	23.7
		50	0	23.7	23.6	23.5	23.7	23.6	2	23.7	23.0	22.9	22.8	23.0	22.9	0.2	23.7
	64QAM	1	0	22.8	22.6	22.7	22.7	22.7	2	23.7	22.7	22.6	22.7	22.7	22.7	0.2	23.7
		1	25	22.8	22.7	22.6	22.9	22.7	2	23.7	22.6	22.6	22.5	22.7	22.7	0.2	23.7
		1	49	22.8	22.8	22.6	22.8	22.7	2	23.7	22.8	22.7	22.6	22.8	22.6	0.2	23.7
		25	0	22.7	22.6	22.5	22.7	22.6	3	22.7	22.7	22.5	22.5	22.7	22.6	1.2	22.7
		25	12	22.7	22.6	22.5	22.7	22.6	3	22.7	22.7	22.6	22.5	22.7	22.6	1.2	22.7
		25	25	22.7	22.6	22.5	22.7	22.4	3	22.7	22.7	22.6	22.5	22.7	22.5	1.2	22.7
		50	0	22.7	22.7	22.5	22.7	22.6	3	22.7	22.7	22.6	22.5	22.7	22.7	1.2	22.7
	256QAM	1	0	20.3	20.2	20.2	20.2	20.2	5	20.7	20.3	20.1	20.2	20.2	20.2	3.2	20.7
		1	25	20.3	20.2	20.1	20.4	20.2	5	20.7	20.3	20.2	20.2	20.3	20.2	3.2	20.7
		1	49	20.3	20.2	20.0	20.3	20.2	5	20.7	20.3	20.2	20.0	20.3	20.2	3.2	20.7
		25	0	20.7	20.6	20.6	20.7	20.6	5	20.7	20.7	20.6	20.6	20.7	20.6	3.2	20.7
		25	12	20.7	20.7	20.6	20.7	20.6	5	20.7	20.7	20.6	20.5	20.7	20.6	3.2	20.7
		25	25	20.7	20.7	20.5	20.7	20.6	5	20.7	20.7	20.6	20.5	20.7	20.6	3.2	20.7
		50	0	20.7	20.7	20.6	20.7	20.7	5	20.7	20.7	20.7	20.6	20.7	20.7	3.2	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	24.8	24.8	24.9	25.0	24.7	0	25.7	22.8	22.8	22.8	22.8	22.8	0	23.9
		1	12	24.7	24.8	24.6	24.9	24.7	0	25.7	22.7	22.7	22.5	22.7	22.7	0	23.9
		1	24	24.8	24.8	24.7	24.8	24.6	0	25.7	22.8	22.6	22.6	22.8	22.7	0	23.9
		12	0	24.7	24.6	24.6	24.7	24.6	1	24.7	23.0	22.9	22.9	23.0	22.9	0	23.9
		12	7	24.7	24.6	24.6	24.7	24.6	1	24.7	23.0	22.9	22.9	23.0	22.9	0	23.9
		12	13	24.7	24.6	24.6	24.7	24.6	1	24.7	23.0	22.9	22.8	23.0	22.9	0	23.9
		25	0	24.7	24.6	24.6	24.7	24.6	1	24.7	23.0	22.9	22.8	23.0	22.9	0	23.9
	16QAM	1	0	24.4	24.3	24.2	24.1	24.1	1	24.7	22.9	22.7	22.7	22.8	22.5	0	23.9
		1	12	24.3	24.4	24.1	24.2	24.1	1	24.7	22.8	22.7	22.6	22.8	22.6	0	23.9
		1	24	24.2	24.3	24.1	24.2	24.0	1	24.7	22.8	22.7	22.7	22.9	22.7	0	23.9
		12	0	23.6	23.5	23.5	23.6	23.5	2	23.7	22.9	22.9	22.8	22.9	22.8	0.2	23.7
		12	7	23.6	23.6	23.5	23.6	23.5	2	23.7	22.9	22.9	22.8	22.9	22.8	0.2	23.7
		12	13	23.6	23.6	23.4	23.6	23.5	2	23.7	22.9	22.9	22.7	22.9	22.8	0.2	23.7
		25	0	23.6	23.6	23.4	23.6	23.5	2	23.7	22.9	22.9	22.8	22.9	22.8	0.2	23.7
	64QAM	1	0	22.7	22.8	22.7	22.9	22.6	2	23.7	22.7	22.6	22.7	22.8	22.7	0.2	23.7
		1	12	22.8	22.6	22.6	22.9	22.7	2	23.7	22.7	22.7	22.6	22.7	22.6	0.2	23.7
		1	24	22.9	22.8	22.6	23.1	22.6	2	23.7	22.7	22.6	22.6	22.8	22.6	0.2	23.7
		12	0	22.6	22.6	22.5	22.7	22.5	3	22.7	22.6	22.6	22.5	22.6	22.5	1.2	22.7
		12	7	22.6	22.6	22.5	22.7	22.5	3	22.7	22.6	22.6	22.5	22.6	22.5	1.2	22.7
		12	13	22.6	22.6	22.5	22.6	22.5	3	22.7	22.6	22.6	22.5	22.7	22.5	1.2	22.7
		25	0	22.7	22.6	22.5	22.7	22.5	3	22.7	22.7	22.6	22.5	22.7	22.5	1.2	22.7
	256QAM	1	0	20.3	20.1	20.1	20.3	20.1	5	20.7	20.1	20.1	20.1	20.3	20.2	3.2	20.7
		1	12	20.2	20.2	20.0	20.2	20.1	5	20.7	20.1	20.1	20.0	20.3	20.1	3.2	20.7
		1	24	20.2	20.1	20.0	20.2	20.1	5	20.7	20.2	20.1	20.1	20.3	20.1	3.2	20.7
		12	0	20.7	20.6	20.5	20.7	20.5	5	20.7	20.6	20.6	20.5	20.7	20.6	3.2	20.7
		12	7	20.7	20.6	20.5	20.7	20.5	5	20.7	20.6	20.6	20.5	20.6	20.6	3.2	20.7
		12	13	20.7	20.6	20.4	20.7	20.5	5	20.7	20.6	20.6	20.5	20.7	20.6	3.2	20.7
		25	0	20.6	20.6	20.5	20.7	20.5	5	20.7	20.6	20.6	20.5	20.7	20.5	3.2	20.7

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LTE Band 41 Power Class 2 Measured Results (ANT1, Power State 1)

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)					MPR	Max Power
				39750	40185	40620	41055	41490		
				2506 MHz	2549.5 MHz	2593 MHz	2636.5 MHz	2680 MHz		
20	QPSK	1	0	26.9	27.9	28.0	27.9	26.9	0	28.7
		1	49	27.2	28.1	28.1	28.2	27.1	0	28.7
		1	99	27.1	28.0	27.7	28.0	26.8	0	28.7
		50	0	26.6	27.5	27.5	27.6	26.6	1	27.7
		50	24	26.7	27.6	27.4	27.6	26.6	1	27.7
		50	50	26.7	27.6	27.5	27.6	26.5	1	27.7
		100	0	26.7	27.6	27.5	27.6	26.6	1	27.7
	16QAM	1	0	26.5	27.2	27.3	27.4	26.3	1	27.7
		1	49	26.5	27.4	27.5	27.5	26.4	1	27.7
		1	99	26.6	27.3	27.2	27.4	26.1	1	27.7
		50	0	25.6	26.5	26.5	26.6	25.5	2	26.7
		50	24	25.6	26.6	26.4	26.6	25.5	2	26.7
		50	50	25.7	26.6	26.5	26.6	25.5	2	26.7
		100	0	25.7	26.6	26.5	26.7	25.6	2	26.7
	64QAM	1	0	25.2	26.1	26.3	26.2	25.1	2	26.7
		1	49	25.3	26.3	26.2	26.4	25.3	2	26.7
		1	99	25.4	26.2	26.0	26.2	25.0	2	26.7
		50	0	24.6	25.5	25.5	25.6	24.5	3	25.7
		50	24	24.6	25.6	25.4	25.6	24.5	3	25.7
		50	50	24.7	25.6	25.5	25.7	24.5	3	25.7
		100	0	24.7	25.6	25.5	25.7	24.6	3	25.7
	256QAM	1	0	22.2	23.1	23.1	23.1	22.1	5	23.7
		1	49	22.3	23.2	23.2	23.4	22.2	5	23.7
		1	99	22.3	23.2	23.0	23.2	21.9	5	23.7
		50	0	22.6	23.5	23.6	23.6	22.5	5	23.7
		50	24	22.6	23.6	23.5	23.6	22.5	5	23.7
		50	50	22.7	23.6	23.5	23.7	22.5	5	23.7
		100	0	22.7	23.6	23.6	23.7	22.6	5	23.7

BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)					MPR	Max Power
				39750	40185	40620	41055	41490		
				2506 MHz	2549.5 MHz	2593 MHz	2636.5 MHz	2680 MHz		
15	QPSK	1	0	27.1	28.0	28.1	28.1	27.0	0	28.7
		1	37	27.2	28.1	28.0	28.2	27.0	0	28.7
		1	74	27.2	28.1	28.0	28.2	26.9	0	28.7
		36	0	26.7	27.6	27.6	27.7	26.6	1	27.7
		36	20	26.7	27.7	27.6	27.7	26.6	1	27.7
		36	39	26.7	27.6	27.5	27.7	26.5	1	27.7
		75	0	26.7	27.6	27.5	27.7	26.6	1	27.7
	16QAM	1	0	26.4	27.4	27.6	27.4	26.4	1	27.7
		1	37	26.5	27.4	27.4	27.4	26.4	1	27.7
		1	74	26.6	27.4	27.2	27.6	26.3	1	27.7
		36	0	25.6	26.5	26.6	26.6	25.6	2	26.7
		36	20	25.6	26.6	26.6	26.6	25.6	2	26.7
		36	39	25.6	26.6	26.5	26.6	25.5	2	26.7
		75	0	25.6	26.6	26.5	26.6	25.6	2	26.7
	64QAM	1	0	25.4	26.2	26.4	26.3	25.3	2	26.7
		1	37	25.4	26.3	26.2	26.4	25.2	2	26.7
		1	74	25.4	26.3	26.2	26.5	25.1	2	26.7
		36	0	24.7	25.6	25.6	25.7	24.5	3	25.7
		36	20	24.6	25.6	25.6	25.7	24.5	3	25.7
		36	39	24.6	25.6	25.5	25.7	24.5	3	25.7
		75	0	24.7	25.6	25.5	25.7	24.6	3	25.7
	256QAM	1	0	22.4	23.3	23.4	23.4	22.3	5	23.7
		1	37	22.3	23.2	23.1	23.3	22.2	5	23.7
		1	74	22.5	23.3	23.1	23.5	22.1	5	23.7
		36	0	22.7	23.5	23.6	23.7	22.6	5	23.7
		36	20	22.7	23.6	23.6	23.7	22.6	5	23.7
		36	39	22.7	23.6	23.5	23.7	22.5	5	23.7
		75	0	22.7	23.6	23.5	23.7	22.6	5	23.7

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LTE Band 41 Power Class 2 Measured Results (ANT1, Power State 1) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)					MPR	Max Power
				39750	40185	40620	41055	41490		
				2506 MHz	2549.5 MHz	2593 MHz	2636.5 MHz	2680 MHz		
10	QPSK	1	0	27.2	28.1	28.1	28.2	27.1	0	28.7
		1	25	27.3	28.2	28.2	28.2	27.2	0	28.7
		1	49	27.3	28.1	28.1	28.3	27.1	0	28.7
		25	0	26.7	27.6	27.6	27.7	26.7	1	27.7
		25	12	26.7	27.7	27.6	27.7	26.7	1	27.7
		25	25	26.7	27.7	27.5	27.7	26.6	1	27.7
		50	0	26.7	27.7	27.6	27.7	26.7	1	27.7
	16QAM	1	0	26.5	27.5	27.5	27.6	26.5	1	27.7
		1	25	26.6	27.5	27.5	27.6	26.5	1	27.7
		1	49	26.6	27.4	27.4	27.6	26.5	1	27.7
		25	0	25.7	26.5	26.6	26.7	25.6	2	26.7
		25	12	25.7	26.6	26.6	26.7	25.6	2	26.7
		25	25	25.7	26.6	26.5	26.7	25.6	2	26.7
		50	0	25.7	26.6	26.5	26.7	25.7	2	26.7
	64QAM	1	0	25.3	26.3	26.3	26.4	25.4	2	26.7
		1	25	25.3	26.3	26.3	26.4	25.3	2	26.7
		1	49	25.4	26.3	26.2	26.5	25.3	2	26.7
		25	0	24.7	25.6	25.6	25.7	24.6	3	25.7
		25	12	24.7	25.6	25.6	25.7	24.6	3	25.7
		25	25	24.7	25.6	25.5	25.7	24.5	3	25.7
		50	0	24.7	25.7	25.5	25.7	24.6	3	25.7
	256QAM	1	0	22.3	23.3	23.3	23.4	22.3	5	23.7
		1	25	22.3	23.3	23.3	23.4	22.3	5	23.7
		1	49	22.4	23.3	23.2	23.5	22.3	5	23.7
		25	0	22.7	23.6	23.6	23.7	22.6	5	23.7
		25	12	22.7	23.6	23.6	23.7	22.6	5	23.7
		25	25	22.7	23.6	23.5	23.7	22.6	5	23.7
		50	0	22.7	23.7	23.5	23.7	22.7	5	23.7

BW (MHz)	Mode	RB Allocation	RB offset	Mode A Power (dBm)					MPR	Max Power
				39750	40185	40620	41055	41490		
				2506 MHz	2549.5 MHz	2593 MHz	2636.5 MHz	2680 MHz		
5	QPSK	1	0	27.3	28.1	28.1	28.3	27.2	0	28.7
		1	12	27.2	28.2	28.1	28.2	27.1	0	28.7
		1	24	27.3	28.2	28.1	28.2	27.1	0	28.7
		12	0	26.7	27.7	27.6	27.7	26.6	1	27.7
		12	7	26.7	27.7	27.6	27.7	26.6	1	27.7
		12	13	26.7	27.7	27.5	27.7	26.6	1	27.7
		25	0	26.7	27.7	27.5	27.7	26.7	1	27.7
	16QAM	1	0	26.6	27.5	27.5	27.7	26.4	1	27.7
		1	12	26.5	27.5	27.4	27.7	26.4	1	27.7
		1	24	26.6	27.5	27.5	27.7	26.4	1	27.7
		12	0	25.7	26.6	26.6	26.7	25.6	2	26.7
		12	7	25.7	26.6	26.6	26.7	25.5	2	26.7
		12	13	25.6	26.6	26.5	26.7	25.5	2	26.7
		25	0	25.7	26.6	26.5	26.7	25.5	2	26.7
	64QAM	1	0	25.3	26.3	26.3	26.4	25.3	2	26.7
		1	12	25.4	26.3	26.2	26.4	25.2	2	26.7
		1	24	25.4	26.4	26.3	26.4	25.3	2	26.7
		12	0	24.7	25.6	25.6	25.7	24.6	3	25.7
		12	7	24.6	25.6	25.5	25.7	24.6	3	25.7
		12	13	24.6	25.6	25.5	25.7	24.6	3	25.7
		25	0	24.7	25.6	25.5	25.7	24.6	3	25.7
	256QAM	1	0	22.3	23.3	23.3	23.4	22.3	5	23.7
		1	12	22.4	23.3	23.2	23.4	22.3	5	23.7
		1	24	22.3	23.3	23.2	23.4	22.2	5	23.7
		12	0	22.7	23.6	23.6	23.7	22.6	5	23.7
		12	7	22.7	23.6	23.5	23.7	22.6	5	23.7
		12	13	22.7	23.6	23.5	23.7	22.6	5	23.7
		25	0	22.7	23.6	23.5	23.7	22.6	5	23.7

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LTE Band 41 Power Class 3 Measured Results (ANT2, Power State 1)

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	19.0	19.0	18.8	18.9	18.8	0	20.3	19.6	19.8	19.6	19.5	19.7	0	21.2
		1	49	19.2	19.1	19.0	19.0	18.8	0	20.3	19.7	19.8	19.5	19.4	19.7	0	21.2
		1	99	19.0	19.0	18.8	18.8	18.8	0	20.3	19.2	19.6	19.6	19.4	19.4	0	21.2
		50	0	19.2	19.2	19.2	19.1	19.3	0	20.3	19.8	19.8	19.8	19.9	19.9	0	21.2
		50	24	19.3	19.3	19.1	19.2	19.2	0	20.3	19.8	19.8	19.7	19.9	19.9	0	21.2
		50	50	19.4	19.3	19.2	19.2	19.3	0	20.3	19.9	19.9	19.7	20.0	20.0	0	21.2
		100	0	19.4	19.4	19.2	19.2	19.3	0	20.3	19.6	19.9	19.7	19.9	20.0	0	21.2
	16QAM	1	0	18.9	19.0	18.7	18.7	18.8	0	20.3	19.2	19.2	19.2	19.2	19.2	0	21.2
		1	49	19.0	19.2	18.9	18.8	19.0	0	20.3	19.2	19.3	19.2	19.2	19.2	0	21.2
		1	99	18.9	19.0	18.5	18.8	18.9	0	20.3	19.2	19.2	19.2	19.2	19.2	0	21.2
		50	0	19.2	19.2	19.0	19.0	19.1	0	20.3	19.7	19.7	19.5	19.5	19.6	0	21.2
		50	24	19.2	19.2	19.0	19.1	19.1	0	20.3	19.7	19.7	19.5	19.6	19.6	0	21.2
		50	50	19.2	19.2	19.0	19.1	19.1	0	20.3	19.7	19.7	19.5	19.6	19.6	0	21.2
		100	0	19.3	19.3	19.0	19.1	19.2	0	20.3	19.8	19.8	19.5	19.6	19.7	0	21.2
	64QAM	1	0	19.0	19.0	18.8	18.6	18.8	0	20.3	19.2	19.2	19.2	19.2	19.2	0	21.2
		1	49	19.0	19.0	18.9	18.8	18.9	0	20.3	19.2	19.2	19.2	19.2	19.2	0	21.2
		1	99	18.9	19.0	18.6	18.9	18.9	0	20.3	19.2	19.2	19.2	19.2	19.2	0	21.2
		50	0	19.2	19.3	19.1	19.0	19.1	0	20.3	19.6	19.6	19.4	19.4	19.5	0	21.2
		50	24	19.2	19.3	19.0	19.0	19.1	0	20.3	19.6	19.6	19.3	19.4	19.5	0	21.2
		50	50	19.3	19.3	19.0	19.2	19.1	0	20.3	19.6	19.6	19.4	19.5	19.4	0	21.2
		100	0	19.3	19.3	19.0	19.1	19.2	0	20.3	19.6	19.7	19.4	19.5	19.5	0	21.2
	256QAM	1	0	19.0	18.8	18.7	18.8	18.7	0	20.3	19.0	18.8	18.8	18.9	18.7	0.5	20.7
		1	49	19.2	19.0	18.8	18.9	18.8	0	20.3	19.1	19.0	18.8	19.0	18.9	0.5	20.7
		1	99	19.1	18.9	18.5	19.0	18.7	0	20.3	19.0	18.9	18.7	19.0	18.7	0.5	20.7
		50	0	19.3	19.3	19.0	19.0	19.1	0	20.3	19.6	19.6	19.4	19.4	19.5	0.5	20.7
		50	24	19.2	19.3	19.0	19.0	19.1	0	20.3	19.6	19.6	19.3	19.4	19.5	0.5	20.7
		50	50	19.3	19.3	19.0	19.1	19.0	0	20.3	19.6	19.6	19.3	19.5	19.4	0.5	20.7
		100	0	19.3	19.3	19.0	19.1	19.2	0	20.3	19.6	19.7	19.4	19.5	19.5	0.5	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	19.0	19.0	18.9	18.8	18.8	0	20.3	19.2	19.2	19.2	19.2	19.2	0	21.2
		1	37	19.0	19.0	18.8	18.8	18.9	0	20.3	19.2	19.2	19.2	19.2	19.2	0	21.2
		1	74	19.0	18.9	18.6	18.8	18.8	0	20.3	19.2	19.2	19.2	19.2	19.2	0	21.2
		36	0	19.2	19.2	19.0	19.0	19.1	0	20.3	19.7	19.7	19.6	19.5	19.6	0	21.2
		36	20	19.2	19.2	19.0	19.0	19.1	0	20.3	19.7	19.7	19.5	19.5	19.6	0	21.2
		36	39	19.2	19.2	18.9	19.1	19.1	0	20.3	19.7	19.7	19.5	19.6	19.6	0	21.2
		75	0	19.2	19.2	19.0	19.0	19.1	0	20.3	19.7	19.7	19.5	19.5	19.6	0	21.2
	16QAM	1	0	19.0	19.0	18.9	18.7	18.8	0	20.3	19.2	19.2	19.2	19.2	19.2	0	21.2
		1	37	18.9	19.0	18.8	18.8	18.8	0	20.3	19.2	19.2	19.2	19.2	19.2	0	21.2
		1	74	19.0	18.9	18.7	18.9	18.7	0	20.3	19.2	19.2	19.2	19.2	19.2	0	21.2
		36	0	19.2	19.2	19.0	19.1	19.1	0	20.3	19.7	19.8	19.5	19.6	19.6	0	21.2
		36	20	19.2	19.2	19.0	19.1	19.1	0	20.3	19.7	19.7	19.5	19.6	19.6	0	21.2
		36	39	19.2	19.2	19.0	19.1	19.1	0	20.3	19.7	19.7	19.5	19.6	19.6	0	21.2
		75	0	19.2	19.3	19.0	19.1	19.1	0	20.3	19.7	19.8	19.5	19.6	19.6	0	21.2
	64QAM	1	0	19.1	19.0	19.0	18.9	18.9	0	20.3	19.2	19.2	19.2	19.2	19.2	0	21.2
		1	37	19.1	19.0	18.8	18.9	18.8	0	20.3	19.2	19.2	19.2	19.2	19.2	0	21.2
		1	74	19.2	18.9	18.8	19.1	18.9	0	20.3	19.2	19.2	19.2	19.2	19.2	0	21.2
		36	0	19.3	19.3	19.1	19.1	19.1	0	20.3	19.7	19.6	19.4	19.4	19.5	0	21.2
		36	20	19.3	19.3	19.1	19.1	19.1	0	20.3	19.6	19.6	19.4	19.4	19.5	0	21.2
		36	39	19.3	19.3	19.0	19.2	19.1	0	20.3	19.6	19.6	19.3	19.5	19.5	0	21.2
		75	0	19.3	19.3	19.0	19.1	19.2	0	20.3	19.7	19.6	19.4	19.4	19.5	0	21.2
	256QAM	1	0	19.2	19.0	18.9	19.0	18.9	0	20.3	19.2	19.0	19.0	18.9	18.9	0.5	20.7
		1	37	19.2	19.0	18.8	19.0	18.9	0	20.3	19.1	19.1	18.7	19.0	19.0	0.5	20.7
		1	74	19.1	19.1	18.7	19.1	18.9	0	20.3	19.2	19.1	18.7	19.2	18.9	0.5	20.7
		36	0	19.3	19.3	19.1	19.0	19.1	0	20.3	19.6	19.6	19.4	19.4	19.5	0.5	20.7
		36	20	19.3	19.3	19.1	19.1	19.1	0	20.3	19.6	19.6	19.4	19.4	19.5	0.5	20.7
		36	39	19.2	19.3	19.0	19.1	19.1	0	20.3	19.6	19.6	19.4	19.5	19.5	0.5	20.7
		75	0	19.3	19.3	19.1	19.1	19.1	0	20.3	19.6	19.6	19.4	19.5	19.5	0.5	20.7

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LTE Band 41 Power Class 3 Measured Results (ANT2, Power State 1) (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	19.0	18.9	18.8	19.0	0	20.3	19.2	19.3	19.2	19.2	19.2	0	21.2
		1	25	19.0	19.1	18.8	18.8	19.0	0	20.3	19.2	19.3	19.2	19.2	19.2	0	21.2
		1	49	19.0	19.0	18.8	18.9	18.8	0	20.3	19.2	19.2	19.2	19.2	19.2	0	21.2
		25	0	19.3	19.3	19.1	19.1	19.2	0	20.3	19.7	19.8	19.6	19.6	19.7	0	21.2
		25	12	19.2	19.2	19.1	19.1	19.2	0	20.3	19.7	19.8	19.6	19.6	19.7	0	21.2
		25	25	19.2	19.3	19.0	19.1	19.2	0	20.3	19.7	19.8	19.5	19.7	19.7	0	21.2
		50	0	19.3	19.3	19.1	19.1	19.2	0	20.3	19.8	19.8	19.6	19.6	19.7	0	21.2
	16QAM	1	0	19.1	19.1	18.9	19.0	18.9	0	20.3	19.3	19.2	19.2	19.2	19.2	0	21.2
		1	25	19.2	19.0	18.9	18.9	18.9	0	20.3	19.3	19.2	19.2	19.2	19.2	0	21.2
		1	49	19.2	19.0	18.9	19.0	18.9	0	20.3	19.3	19.2	19.2	19.2	19.2	0	21.2
		25	0	19.2	19.2	19.1	19.1	19.2	0	20.3	19.8	19.8	19.6	19.6	19.7	0	21.2
		25	12	19.2	19.2	19.1	19.1	19.2	0	20.3	19.8	19.8	19.6	19.6	19.7	0	21.2
		25	25	19.2	19.2	19.0	19.2	19.2	0	20.3	19.7	19.8	19.5	19.7	19.7	0	21.2
		50	0	19.3	19.3	19.1	19.2	19.2	0	20.3	19.9	19.8	19.6	19.7	19.7	0	21.2
	64QAM	1	0	19.3	19.1	19.1	19.1	19.0	0	20.3	19.3	19.3	19.2	19.2	19.2	0	21.2
		1	25	19.2	19.1	19.1	19.2	19.0	0	20.3	19.2	19.3	19.2	19.2	19.2	0	21.2
		1	49	19.3	19.2	19.1	19.3	19.0	0	20.3	19.3	19.2	19.2	19.3	19.2	0	21.2
		25	0	19.4	19.4	19.2	19.2	19.3	0	20.3	19.7	19.7	19.5	19.5	19.6	0	21.2
		25	12	19.3	19.4	19.2	19.2	19.3	0	20.3	19.7	19.7	19.5	19.5	19.6	0	21.2
		25	25	19.3	19.4	19.1	19.3	19.3	0	20.3	19.6	19.7	19.4	19.6	19.6	0	21.2
		50	0	19.4	19.4	19.2	19.2	19.3	0	20.3	19.7	19.7	19.5	19.5	19.6	0	21.2
	256QAM	1	0	19.2	19.3	19.0	19.0	19.2	0	20.3	19.1	19.1	19.0	19.0	19.0	0.5	20.7
		1	25	19.2	19.3	19.4	19.0	19.1	0	20.3	19.0	19.1	19.0	19.0	18.9	0.5	20.7
		1	49	19.2	19.2	19.0	19.2	19.0	0	20.3	19.1	19.1	18.9	19.1	18.9	0.5	20.7
		25	0	19.4	19.4	19.2	19.2	19.3	0	20.3	19.7	19.7	19.5	19.5	19.5	0.5	20.7
		25	12	19.4	19.4	19.2	19.2	19.3	0	20.3	19.7	19.7	19.5	19.5	19.5	0.5	20.7
		25	25	19.4	19.4	19.1	19.3	19.3	0	20.3	19.7	19.7	19.5	19.6	19.5	0.5	20.7
		50	0	19.4	19.4	19.2	19.2	19.3	0	20.3	19.7	19.8	19.5	19.6	19.5	0.5	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	19.0	19.1	19.0	18.8	18.9	0	20.3	19.2	19.2	19.2	19.2	19.2	0	21.2
		1	12	19.0	19.1	18.8	18.9	18.9	0	20.3	19.2	19.3	19.2	19.2	19.2	0	21.2
		1	24	18.9	19.0	18.9	18.9	18.9	0	20.3	19.2	19.2	19.2	19.2	19.2	0	21.2
		12	0	19.2	19.2	19.1	19.0	19.1	0	20.3	19.7	19.8	19.6	19.5	19.6	0	21.2
		12	7	19.2	19.2	19.1	19.0	19.1	0	20.3	19.7	19.7	19.6	19.5	19.6	0	21.2
		12	13	19.2	19.2	19.0	19.0	19.1	0	20.3	19.7	19.8	19.5	19.5	19.6	0	21.2
		25	0	19.2	19.2	19.0	19.0	19.1	0	20.3	19.7	19.8	19.5	19.6	19.6	0	21.2
	16QAM	1	0	19.0	19.1	19.1	18.9	19.0	0	20.3	19.2	19.4	19.3	19.2	19.2	0	21.2
		1	12	18.9	18.9	19.0	18.8	19.0	0	20.3	19.2	19.2	19.2	19.2	19.2	0	21.2
		1	24	19.0	19.1	19.0	18.9	19.0	0	20.3	19.2	19.4	19.3	19.2	19.2	0	21.2
		12	0	19.2	19.2	19.1	19.1	19.1	0	20.3	19.6	19.7	19.6	19.6	19.6	0	21.2
		12	7	19.1	19.2	19.1	19.1	19.1	0	20.3	19.7	19.7	19.6	19.5	19.6	0	21.2
		12	13	19.2	19.2	19.0	19.1	19.1	0	20.3	19.7	19.7	19.5	19.6	19.6	0	21.2
		25	0	19.2	19.2	19.0	19.1	19.1	0	20.3	19.7	19.8	19.5	19.6	19.6	0	21.2
	64QAM	1	0	19.1	19.4	19.2	19.1	19.1	0	20.3	19.2	19.3	19.2	19.2	19.3	0	21.2
		1	12	19.1	19.2	19.0	19.2	19.1	0	20.3	19.2	19.3	19.2	19.2	19.2	0	21.2
		1	24	19.2	19.2	19.1	19.2	19.1	0	20.3	19.2	19.2	19.2	19.2	19.2	0	21.2
		12	0	19.2	19.4	19.2	19.2	19.2	0	20.3	19.6	19.6	19.5	19.4	19.4	0	21.2
		12	7	19.3	19.3	19.2	19.2	19.2	0	20.3	19.6	19.6	19.5	19.4	19.5	0	21.2
		12	13	19.2	19.3	19.1	19.2	19.2	0	20.3	19.5	19.6	19.4	19.4	19.4	0	21.2
		25	0	19.3	19.3	19.1	19.2	19.2	0	20.3	19.6	19.7	19.4	19.4	19.4	0	21.2
	256QAM	1	0	19.1	19.2	19.0	18.9	19.0	0	20.3	19.1	19.1	18.9	18.9	19.2	0.5	20.7
		1	12	19.1	19.1	18.8	18.9	19.0	0	20.3	19.0	19.1	19.0	19.2	19.1	0.5	20.7
		1	24	19.1	19.2	19.0	19.1	19.0	0	20.3	18.9	19.2	18.8	19.0	19.0	0.5	20.7
		12	0	19.3	19.3	19.2	19.2	19.2	0	20.3	19.6	19.7	19.5	19.5	19.5	0.5	20.7
		12	7	19.2	19.4	19.2	19.2	19.2	0	20.3	19.6	19.7	19.5	19.4	19.5	0.5	20.7
		12	13	19.2	19.3	19.1	19.2	19.2	0	20.3	19.6	19.7	19.4	19.5	19.5	0.5	20.7
		25	0	19.3	19.4	19.1	19.2	19.2	0	20.3	19.6	19.6	19.4	19.4	19.5	0.5	20.7

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LTE Band 41 Power Class 3 Measured Results (ANT3, Power State 1)

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	24.4	24.5	24.4	24.1	24.5	0	25.7	22.2	22.3	22.2	22.0	22.3	0	23.4
		1	49	24.5	24.5	24.5	24.4	24.7	0	25.7	22.3	22.4	22.5	22.3	22.7	0	23.4
		1	99	24.3	24.3	24.2	24.4	24.6	0	25.7	22.3	22.1	22.1	22.2	22.5	0	23.4
		50	0	24.5	24.4	24.3	24.4	24.6	1	24.7	22.4	22.4	22.4	22.2	22.5	0	23.4
		50	24	24.4	24.3	24.3	24.3	24.7	1	24.7	22.4	22.4	22.4	22.2	22.6	0	23.4
		50	50	24.4	24.3	24.3	24.4	24.6	1	24.7	22.4	22.3	22.3	22.3	22.6	0	23.4
		100	0	24.5	24.4	24.3	24.4	24.7	1	24.7	22.4	22.4	22.4	22.3	22.7	0	23.4
	16QAM	1	0	23.7	23.8	23.8	23.8	24.1	1	24.7	22.1	22.2	22.0	21.9	22.3	0	23.4
		1	49	23.9	23.8	23.9	24.0	24.3	1	24.7	22.2	22.2	22.2	22.2	22.5	0	23.4
		1	99	23.7	23.6	23.8	23.9	24.1	1	24.7	22.0	22.1	21.9	22.2	22.3	0	23.4
		50	0	23.2	23.2	23.2	23.3	23.5	2	23.7	22.2	22.2	22.1	22.1	22.2	0	23.4
		50	24	23.2	23.1	23.3	23.3	23.5	2	23.7	22.2	22.2	22.1	22.1	22.3	0	23.4
		50	50	23.3	23.1	23.3	23.4	23.5	2	23.7	22.1	22.2	22.1	22.1	22.3	0	23.4
		100	0	23.3	23.2	23.3	23.4	23.6	2	23.7	22.2	22.2	22.1	22.1	22.4	0	23.4
	64QAM	1	0	22.6	22.3	22.3	22.3	22.5	2	23.7	22.1	22.1	22.1	22.2	22.5	0	23.4
		1	49	22.7	22.2	22.3	22.4	22.6	2	23.7	22.2	22.1	22.2	22.4	22.6	0	23.4
		1	99	22.6	22.0	22.3	22.4	22.6	2	23.7	22.1	22.0	22.2	22.3	22.4	0	23.4
		50	0	22.2	22.2	22.1	22.3	22.5	3	22.7	22.2	22.1	22.1	22.3	22.5	0.7	22.7
		50	24	22.2	22.1	22.2	22.3	22.5	3	22.7	22.2	22.1	22.2	22.3	22.5	0.7	22.7
		50	50	22.3	22.1	22.2	22.3	22.5	3	22.7	22.2	22.1	22.2	22.3	22.5	0.7	22.7
		100	0	22.3	22.2	22.3	22.4	22.6	3	22.7	22.2	22.2	22.3	22.4	22.6	0.7	22.7
	256QAM	1	0	19.8	19.7	19.7	19.9	19.9	5	20.7	19.8	19.6	19.7	19.9	20.0	2.7	20.7
		1	49	20.0	19.6	19.8	20.1	20.1	5	20.7	19.9	19.6	19.7	20.2	20.2	2.7	20.7
		1	99	19.8	19.5	19.8	20.0	19.9	5	20.7	19.8	19.5	19.8	20.1	20.0	2.7	20.7
		50	0	20.2	20.2	20.2	20.3	20.5	5	20.7	20.2	20.2	20.2	20.4	20.5	2.7	20.7
		50	24	20.2	20.1	20.2	20.3	20.5	5	20.7	20.2	20.1	20.3	20.4	20.6	2.7	20.7
		50	50	20.3	20.1	20.2	20.3	20.5	5	20.7	20.3	20.1	20.3	20.4	20.5	2.7	20.7
		100	0	20.3	20.2	20.3	20.4	20.6	5	20.7	20.3	20.2	20.4	20.4	20.7	2.7	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	24.4	24.3	24.5	24.5	24.7	0	25.7	22.3	22.3	22.3	22.4	22.6	0	23.4
		1	37	24.4	24.2	24.5	24.6	24.7	0	25.7	22.3	22.2	22.4	22.5	22.6	0	23.4
		1	74	24.4	24.2	24.5	24.6	24.7	0	25.7	22.3	22.2	22.4	22.4	22.6	0	23.4
		36	0	24.3	24.3	24.2	24.4	24.6	1	24.7	22.3	22.3	22.3	22.5	22.6	0	23.4
		36	20	24.3	24.2	24.2	24.4	24.6	1	24.7	22.3	22.2	22.3	22.5	22.7	0	23.4
		36	39	24.3	24.2	24.3	24.4	24.6	1	24.7	22.3	22.2	22.4	22.5	22.7	0	23.4
		75	0	24.3	24.2	24.3	24.4	24.7	1	24.7	22.4	22.3	22.4	22.5	22.7	0	23.4
	16QAM	1	0	23.8	23.8	23.9	23.9	24.1	1	24.7	22.3	22.2	22.4	22.4	22.6	0	23.4
		1	37	23.8	23.6	23.9	24.0	24.1	1	24.7	22.2	22.2	22.4	22.5	22.6	0	23.4
		1	74	23.8	23.7	24.0	24.1	24.0	1	24.7	22.1	22.1	22.4	22.5	22.6	0	23.4
		36	0	23.2	23.2	23.2	23.4	23.5	2	23.7	22.3	22.2	22.3	22.4	22.6	0	23.4
		36	20	23.2	23.1	23.2	23.4	23.6	2	23.7	22.3	22.2	22.3	22.4	22.6	0	23.4
		36	39	23.2	23.1	23.2	23.4	23.6	2	23.7	22.3	22.2	22.3	22.4	22.6	0	23.4
		75	0	23.2	23.2	23.3	23.4	23.6	2	23.7	22.3	22.2	22.4	22.5	22.7	0	23.4
	64QAM	1	0	22.8	22.4	22.5	22.4	22.7	2	23.7	22.2	22.3	22.4	22.4	22.6	0	23.4
		1	37	22.7	22.2	22.5	22.5	22.7	2	23.7	22.2	22.2	22.5	22.4	22.6	0	23.4
		1	74	22.6	22.3	22.5	22.6	22.7	2	23.7	22.3	22.2	22.4	22.5	22.6	0	23.4
		36	0	22.2	22.2	22.1	22.3	22.5	3	22.7	22.2	22.1	22.1	22.3	22.4	0.7	22.7
		36	20	22.2	22.1	22.1	22.3	22.5	3	22.7	22.2	22.1	22.1	22.3	22.5	0.7	22.7
		36	39	22.2	22.1	22.2	22.3	22.5	3	22.7	22.1	22.1	22.2	22.3	22.5	0.7	22.7
		75	0	22.2	22.2	22.3	22.4	22.6	3	22.7	22.2	22.1	22.2	22.3	22.6	0.7	22.7
	256QAM	1	0	19.9	19.8	19.8	20.1	20.1	5	20.7	19.8	19.8	19.8	20.0	20.2	2.7	20.7
		1	37	19.8	19.7	19.9	19.9	20.1	5	20.7	19.8	19.6	19.8	20.0	20.1	2.7	20.7
		1	74	19.8	19.7	19.9	20.0	20.2	5	20.7	19.9	19.7	19.9	20.0	20.2	2.7	20.7
		36	0	20.2	20.2	20.2	20.3	20.5	5	20.7	20.2	20.1	20.1	20.3	20.5	2.7	20.7
		36	20	20.2	20.2	20.2	20.3	20.5	5	20.7	20.2	20.1	20.2	20.3	20.5	2.7	20.7
		36	39	20.2	20.1	20.3	20.3	20.5	5	20.7	20.2	20.1	20.3	20.3	20.5	2.7	20.7
		75	0	20.3	20.2	20.3	20.4	20.6	5	20.7	20.2	20.2	20.3	20.4	20.6	2.7	20.7

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LTE Band 41 Power Class 3 Measured Results (ANT3, Power State 1) (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	24.5	24.5	24.5	24.8	24.8	0	25.7	22.4	22.4	22.4	22.5	22.8	0	23.4
		1	25	24.5	24.4	24.5	24.7	24.9	0	25.7	22.4	22.3	22.5	22.6	22.8	0	23.4
		1	49	24.5	24.5	24.7	24.6	24.8	0	25.7	22.4	22.3	22.5	22.6	22.7	0	23.4
		25	0	24.4	24.4	24.4	24.6	24.7	1	24.7	22.5	22.5	22.5	22.6	22.9	0	23.4
		25	12	24.4	24.4	24.4	24.6	24.7	1	24.7	22.5	22.4	22.5	22.6	22.9	0	23.4
		25	25	24.4	24.4	24.5	24.6	24.7	1	24.7	22.5	22.4	22.5	22.7	22.9	0	23.4
		50	0	24.5	24.4	24.6	24.6	24.7	1	24.7	22.6	22.5	22.6	22.7	22.9	0	23.4
	16QAM	1	0	24.0	23.8	24.0	24.2	24.2	1	24.7	22.5	22.3	22.4	22.6	22.8	0	23.4
		1	25	24.0	23.8	24.1	24.2	24.2	1	24.7	22.4	22.3	22.4	22.7	22.8	0	23.4
		1	49	24.1	23.8	24.0	24.2	24.1	1	24.7	22.6	22.2	22.5	22.6	22.7	0	23.4
		25	0	23.3	23.3	23.3	23.5	23.7	2	23.7	22.4	22.4	22.4	22.6	22.8	0	23.4
		25	12	23.3	23.3	23.3	23.5	23.7	2	23.7	22.4	22.3	22.4	22.6	22.8	0	23.4
		25	25	23.3	23.3	23.4	23.5	23.7	2	23.7	22.4	22.3	22.5	22.6	22.8	0	23.4
		50	0	23.4	23.4	23.5	23.6	23.7	2	23.7	22.5	22.4	22.5	22.7	22.9	0	23.4
	64QAM	1	0	22.8	22.5	22.7	22.5	22.8	2	23.7	22.4	22.4	22.5	22.5	22.7	0	23.4
		1	25	22.8	22.4	22.6	22.5	22.8	2	23.7	22.4	22.3	22.4	22.6	22.7	0	23.4
		1	49	23.0	22.4	22.6	22.6	22.9	2	23.7	22.5	22.3	22.6	22.6	22.8	0	23.4
		25	0	22.3	22.3	22.3	22.5	22.6	3	22.7	22.4	22.3	22.3	22.5	22.7	0.7	22.7
		25	12	22.3	22.2	22.3	22.5	22.6	3	22.7	22.4	22.2	22.3	22.5	22.7	0.7	22.7
		25	25	22.3	22.2	22.4	22.5	22.7	3	22.7	22.3	22.2	22.4	22.5	22.7	0.7	22.7
		50	0	22.4	22.3	22.5	22.5	22.7	3	22.7	22.4	22.3	22.5	22.5	22.7	0.7	22.7
	256QAM	1	0	20.0	19.9	19.9	20.1	20.3	5	20.7	20.0	20.0	20.0	20.1	20.3	2.7	20.7
		1	25	19.9	19.9	20.0	20.0	20.3	5	20.7	20.0	19.8	19.9	20.1	20.2	2.7	20.7
		1	49	20.0	19.9	20.0	20.1	20.3	5	20.7	20.2	19.9	20.1	20.1	20.3	2.7	20.7
		25	0	20.3	20.3	20.3	20.5	20.7	5	20.7	20.3	20.3	20.3	20.4	20.7	2.7	20.7
		25	12	20.3	20.2	20.3	20.5	20.7	5	20.7	20.3	20.2	20.3	20.4	20.6	2.7	20.7
		25	25	20.3	20.2	20.4	20.5	20.7	5	20.7	20.3	20.2	20.4	20.5	20.7	2.7	20.7
		50	0	20.4	20.4	20.5	20.6	20.7	5	20.7	20.5	20.3	20.5	20.6	20.7	2.7	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	24.4	24.4	24.6	24.6	24.9	0	25.7	22.4	22.4	22.4	22.6	22.7	0	23.4
		1	12	24.5	24.4	24.6	24.9	24.8	0	25.7	22.3	22.3	22.5	22.5	22.7	0	23.4
		1	24	24.5	24.4	24.6	24.7	24.9	0	25.7	22.3	22.3	22.5	22.6	22.7	0	23.4
		12	0	24.4	24.3	24.4	24.5	24.7	1	24.7	22.4	22.4	22.4	22.6	22.8	0	23.4
		12	7	24.3	24.3	24.4	24.5	24.7	1	24.7	22.4	22.3	22.4	22.6	22.8	0	23.4
		12	13	24.3	24.3	24.4	24.5	24.7	1	24.7	22.4	22.4	22.5	22.6	22.8	0	23.4
		25	0	24.4	24.3	24.5	24.6	24.7	1	24.7	22.5	22.4	22.6	22.6	22.8	0	23.4
	16QAM	1	0	23.9	24.0	24.1	24.1	24.3	1	24.7	22.4	22.3	22.6	22.6	22.7	0	23.4
		1	12	23.9	23.8	24.2	24.1	24.1	1	24.7	22.3	22.2	22.6	22.6	22.8	0	23.4
		1	24	24.0	23.8	24.2	24.2	24.3	1	24.7	22.5	22.3	22.7	22.6	22.8	0	23.4
		12	0	23.2	23.2	23.3	23.4	23.6	2	23.7	22.3	22.2	22.4	22.5	22.7	0	23.4
		12	7	23.2	23.2	23.3	23.4	23.7	2	23.7	22.3	22.2	22.4	22.5	22.7	0	23.4
		12	13	23.2	23.2	23.4	23.5	23.6	2	23.7	22.4	22.2	22.4	22.5	22.7	0	23.4
		25	0	23.3	23.3	23.5	23.5	23.7	2	23.7	22.4	22.3	22.5	22.6	22.8	0	23.4
	64QAM	1	0	22.5	22.5	22.7	22.7	22.9	2	23.7	22.4	22.4	22.4	22.7	22.7	0	23.4
		1	12	22.4	22.3	22.4	22.5	22.8	2	23.7	22.3	22.2	22.4	22.6	22.7	0	23.4
		1	24	22.5	22.4	22.6	22.7	22.8	2	23.7	22.4	22.2	22.6	22.5	22.8	0	23.4
		12	0	22.3	22.2	22.3	22.4	22.6	3	22.7	22.2	22.2	22.3	22.4	22.6	0.7	22.7
		12	7	22.3	22.2	22.3	22.4	22.6	3	22.7	22.2	22.1	22.3	22.4	22.6	0.7	22.7
		12	13	22.2	22.3	22.4	22.5	22.6	3	22.7	22.2	22.2	22.4	22.4	22.6	0.7	22.7
		25	0	22.3	22.3	22.4	22.5	22.7	3	22.7	22.3	22.3	22.4	22.5	22.7	0.7	22.7
	256QAM	1	0	19.9	19.9	20.0	20.2	20.2	5	20.7	19.6	19.8	20.0	20.1	20.2	2.7	20.7
		1	12	19.9	19.9	20.1	20.2	20.4	5	20.7	19.9	19.8	20.0	20.2	20.2	2.7	20.7
		1	24	19.9	19.9	20.1	20.2	20.2	5	20.7	19.8	19.8	20.1	20.2	20.2	2.7	20.7
		12	0	20.2	20.2	20.3	20.4	20.6	5	20.7	20.2	20.1	20.3	20.4	20.6	2.7	20.7
		12	7	20.2	20.2	20.3	20.4	20.6	5	20.7	20.2	20.2	20.3	20.4	20.6	2.7	20.7
		12	13	20.2	20.2	20.4	20.5	20.6	5	20.7	20.2	20.2	20.4	20.4	20.6	2.7	20.7
		25	0	20.3	20.3	20.4	20.5	20.7	5	20.7	20.3	20.2	20.5	20.5	20.7	2.7	20.7

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LTE Band 41 Power Class 3 Measured Results (ANT4, Power State 1)

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	22.7	22.7	22.7	22.6	22.7	0	24.4	23.4	23.0	23.3	23.1	23.3	0	24.7
		1	49	22.6	22.7	22.8	22.7	22.7	0	24.4	23.5	23.2	23.4	23.2	23.4	0	24.7
		1	99	22.6	22.7	22.6	22.6	22.8	0	24.4	23.3	23.1	23.1	23.2	23.3	0	24.7
		50	0	22.6	22.7	22.5	22.7	22.4	0	24.4	23.5	23.2	23.3	23.2	23.4	0	24.7
		50	24	22.5	22.8	22.5	22.4	22.5	0	24.4	23.5	23.3	23.3	23.2	23.4	0	24.7
		50	50	22.4	22.7	22.5	22.6	22.5	0	24.4	23.4	23.2	23.3	23.2	23.5	0	24.7
		100	0	22.6	22.4	22.6	22.4	22.6	0	24.4	23.4	23.3	23.5	23.3	23.4	0	24.7
	16QAM	1	0	22.5	22.4	22.4	22.4	22.4	0	24.4	23.1	22.7	22.7	22.8	22.8	0	24.7
		1	49	22.5	22.4	22.6	22.4	22.5	0	24.4	23.1	22.9	22.9	23.0	23.0	0	24.7
		1	99	22.4	22.4	22.4	22.4	22.4	0	24.4	22.8	22.8	22.7	22.9	22.9	0	24.7
		50	0	22.3	22.0	22.1	22.0	22.1	0.7	23.7	22.9	22.6	22.7	22.6	22.6	1	23.7
		50	24	22.2	22.0	22.1	22.0	22.2	0.7	23.7	22.8	22.6	22.6	22.6	22.7	1	23.7
		50	50	22.1	22.0	22.1	22.0	22.2	0.7	23.7	22.7	22.6	22.6	22.6	22.7	1	23.7
		100	0	22.3	22.1	22.2	22.1	22.2	0.7	23.7	22.9	22.7	22.7	22.6	22.8	1	23.7
	64QAM	1	0	22.0	21.7	21.8	21.7	21.7	0.7	23.7	22.0	21.7	21.8	21.7	21.7	1	23.7
		1	49	22.0	21.8	21.8	21.8	21.8	0.7	23.7	22.0	21.7	21.8	21.8	21.8	1	23.7
		1	99	21.9	21.7	21.7	21.7	21.8	0.7	23.7	21.7	21.8	21.7	21.7	21.8	1	23.7
		50	0	21.9	21.6	21.7	21.6	21.6	1.7	22.7	21.9	21.6	21.7	21.6	21.6	2	22.7
		50	24	21.9	21.6	21.6	21.6	21.7	1.7	22.7	21.9	21.6	21.6	21.6	21.7	2	22.7
		50	50	21.8	21.6	21.6	21.6	21.7	1.7	22.7	21.7	21.6	21.6	21.5	21.7	2	22.7
		100	0	22.0	21.7	21.7	21.7	21.7	1.7	22.7	21.9	21.7	21.7	21.7	21.8	2	22.7
	256QAM	1	0	19.4	19.0	19.2	19.1	19.1	3.7	20.7	19.3	19.0	19.2	19.1	19.1	4	20.7
		1	49	19.4	19.1	19.3	19.2	19.2	3.7	20.7	19.4	19.1	19.3	19.2	19.3	4	20.7
		1	99	19.2	19.1	19.1	19.1	19.2	3.7	20.7	19.2	19.1	19.0	19.1	19.3	4	20.7
		50	0	20.0	19.7	19.8	19.7	19.7	3.7	20.7	19.9	19.6	19.8	19.7	19.7	4	20.7
		50	24	19.9	19.7	19.7	19.7	19.7	3.7	20.7	19.9	19.7	19.7	19.6	19.8	4	20.7
		50	50	19.8	19.7	19.7	19.6	19.8	3.7	20.7	19.8	19.7	19.7	19.6	19.8	4	20.7
		100	0	19.9	19.7	19.7	19.7	19.8	3.7	20.7	19.9	19.8	19.8	19.7	19.8	4	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	22.6	22.4	22.4	22.4	22.4	0	24.4	23.0	22.7	22.7	22.7	22.7	0	24.7
		1	37	22.5	22.4	22.4	22.4	22.4	0	24.4	22.9	22.7	22.7	22.7	22.8	0	24.7
		1	74	22.4	22.4	22.4	22.4	22.4	0	24.4	22.7	22.7	22.7	22.7	22.8	0	24.7
		36	0	22.8	22.6	22.7	22.6	22.6	0	24.4	23.1	22.8	22.9	22.8	22.9	0	24.7
		36	20	22.8	22.6	22.7	22.6	22.7	0	24.4	23.0	22.8	22.9	22.8	22.9	0	24.7
		36	39	22.7	22.6	22.6	22.5	22.7	0	24.4	23.0	22.8	22.8	22.8	22.9	0	24.7
		75	0	22.8	22.6	22.6	22.6	22.7	0	24.4	23.0	22.9	22.9	22.9	23.0	0	24.7
	16QAM	1	0	22.5	22.4	22.4	22.4	22.4	0	24.4	23.1	22.7	22.8	22.8	22.8	0	24.7
		1	37	22.5	22.4	22.4	22.4	22.5	0	24.4	22.9	22.7	22.8	22.7	22.9	0	24.7
		1	74	22.4	22.4	22.4	22.4	22.4	0	24.4	22.8	22.7	22.7	22.7	22.9	0	24.7
		36	0	22.3	22.1	22.2	22.1	22.1	0.7	23.7	22.8	22.6	22.7	22.6	22.7	1	23.7
		36	20	22.3	22.1	22.2	22.1	22.2	0.7	23.7	22.8	22.6	22.7	22.6	22.7	1	23.7
		36	39	22.2	22.1	22.1	22.0	22.2	0.7	23.7	22.7	22.6	22.6	22.6	22.7	1	23.7
		75	0	22.3	22.1	22.1	22.1	22.2	0.7	23.7	22.8	22.6	22.7	22.6	22.8	1	23.7
	64QAM	1	0	22.1	21.7	21.8	21.9	21.9	0.7	23.7	22.0	21.7	22.0	21.8	21.8	1	23.7
		1	37	21.9	21.7	21.8	21.8	21.8	0.7	23.7	21.9	21.7	21.8	21.8	21.9	1	23.7
		1	74	21.8	21.7	21.7	21.8	22.0	0.7	23.7	21.8	21.7	21.7	21.7	22.0	1	23.7
		36	0	21.9	21.6	21.7	21.6	21.7	1.7	22.7	21.9	21.6	21.7	21.6	21.7	2	22.7
		36	20	21.9	21.7	21.7	21.6	21.8	1.7	22.7	21.8	21.6	21.7	21.6	21.8	2	22.7
		36	39	21.8	21.7	21.7	21.6	21.8	1.7	22.7	21.8	21.6	21.7	21.5	21.8	2	22.7
		75	0	21.9	21.7	21.7	21.7	21.8	1.7	22.7	21.9	21.7	21.7	21.6	21.8	2	22.7
	256QAM	1	0	19.6	19.3	19.3	19.3	19.4	3.7	20.7	19.5	19.3	19.3	19.3	19.4	4	20.7
		1	37	19.4	19.3	19.3	19.2	19.5	3.7	20.7	19.4	19.2	19.3	19.2	19.4	4	20.7
		1	74	19.3	19.3	19.3	19.3	19.5	3.7	20.7	19.3	19.3	19.2	19.3	19.5	4	20.7
		36	0	19.9	19.6	19.8	19.7	19.7	3.7	20.7	19.9	19.6	19.8	19.7	19.7	4	20.7
		36	20	19.9	19.7	19.8	19.7	19.8	3.7	20.7	19.8	19.7	19.8	19.7	19.8	4	20.7
		36	39	19.8	19.7	19.7	19.6	19.8	3.7	20.7	19.8	19.7	19.7	19.6	19.8	4	20.7
		75	0	19.9	19.7	19.8	19.7	19.8	3.7	20.7	19.9	19.7	19.7	19.7	19.8	4	20.7

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LTE Band 41 Power Class 3 Measured Results (ANT4, Power State 1) (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	22.6	22.4	22.4	22.4	22.4	0	24.4	23.0	22.7	22.9	22.7	22.7	0	24.7
		1	25	22.5	22.4	22.4	22.4	22.5	0	24.4	22.9	22.8	22.9	22.7	22.8	0	24.7
		1	49	22.4	22.4	22.4	22.4	22.4	0	24.4	22.8	22.8	22.8	22.7	22.8	0	24.7
		25	0	22.4	22.6	22.7	22.7	22.8	0	24.4	23.2	22.9	23.0	22.9	23.0	0	24.7
		25	12	22.8	22.7	22.7	22.6	22.8	0	24.4	23.1	22.9	22.9	22.9	23.0	0	24.7
		25	25	22.8	22.7	22.7	22.6	22.8	0	24.4	23.0	22.9	22.9	22.8	23.0	0	24.7
		50	0	22.4	22.7	22.7	22.7	22.8	0	24.4	23.2	23.0	23.0	22.9	23.0	0	24.7
	16QAM	1	0	22.6	22.4	22.4	22.4	22.4	0	24.4	23.0	22.7	22.8	22.7	22.9	0	24.7
		1	25	22.6	22.4	22.5	22.4	22.5	0	24.4	23.0	22.7	22.9	22.8	23.0	0	24.7
		1	49	22.4	22.4	22.5	22.4	22.5	0	24.4	22.7	22.7	22.8	22.7	22.9	0	24.7
		25	0	22.4	22.1	22.2	22.1	22.3	0.7	23.7	23.0	22.6	22.8	22.6	22.8	1	23.7
		25	12	22.3	22.1	22.2	22.1	22.2	0.7	23.7	22.9	22.6	22.7	22.6	22.8	1	23.7
		25	25	22.3	22.1	22.1	22.1	22.3	0.7	23.7	22.8	22.6	22.7	22.6	22.8	1	23.7
		50	0	22.4	22.2	22.2	22.2	22.3	0.7	23.7	22.9	22.7	22.7	22.7	22.8	1	23.7
	64QAM	1	0	22.0	21.8	21.9	21.8	21.9	0.7	23.7	22.1	21.9	21.9	21.8	21.8	1	23.7
		1	25	22.0	21.7	21.8	21.8	21.9	0.7	23.7	22.0	21.8	21.9	21.8	22.0	1	23.7
		1	49	21.8	21.8	21.8	21.8	22.0	0.7	23.7	21.8	21.8	21.9	21.8	21.9	1	23.7
		25	0	21.9	21.6	21.8	21.7	21.8	1.7	22.7	22.0	21.6	21.8	21.7	21.8	2	22.7
		25	12	21.9	21.7	21.8	21.7	21.8	1.7	22.7	21.9	21.6	21.7	21.7	21.8	2	22.7
		25	25	21.8	21.7	21.7	21.6	21.8	1.7	22.7	21.8	21.6	21.7	21.6	21.8	2	22.7
		50	0	22.0	21.7	21.8	21.7	21.9	1.7	22.7	22.0	21.7	21.7	21.7	21.8	2	22.7
	256QAM	1	0	19.6	19.3	19.4	19.3	19.4	3.7	20.7	19.6	19.3	19.4	19.4	19.4	4	20.7
		1	25	19.5	19.3	19.4	19.4	19.4	3.7	20.7	19.4	19.3	19.4	19.3	19.4	4	20.7
		1	49	19.3	19.4	19.3	19.3	19.5	3.7	20.7	19.4	19.3	19.4	19.3	19.5	4	20.7
		25	0	20.0	19.7	19.8	19.7	19.9	3.7	20.7	20.0	19.6	19.8	19.7	19.8	4	20.7
		25	12	19.9	19.7	19.8	19.7	19.9	3.7	20.7	19.9	19.7	19.8	19.7	19.8	4	20.7
		25	25	19.9	19.7	19.8	19.7	19.9	3.7	20.7	19.9	19.7	19.7	19.7	19.8	4	20.7
		50	0	20.0	19.8	19.8	19.7	19.9	3.7	20.7	20.0	19.7	19.8	19.7	19.9	4	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	22.6	22.4	22.5	22.4	22.4	0	24.4	23.0	22.7	22.9	22.7	22.9	0	24.7
		1	12	22.5	22.5	22.4	22.4	22.4	0	24.4	22.9	22.7	22.8	22.8	22.8	0	24.7
		1	24	22.4	22.4	22.4	22.4	22.4	0	24.4	22.9	22.8	22.8	22.7	22.9	0	24.7
		12	0	22.8	22.6	22.7	22.6	22.7	0	24.4	23.0	22.9	23.0	22.9	23.0	0	24.7
		12	7	22.8	22.6	22.8	22.6	22.7	0	24.4	23.0	22.9	23.0	22.9	23.0	0	24.7
		12	13	22.7	22.6	22.7	22.6	22.7	0	24.4	23.0	22.9	22.9	22.9	23.0	0	24.7
		25	0	22.8	22.6	22.7	22.7	22.7	0	24.4	23.1	22.9	22.9	22.9	23.0	0	24.7
	16QAM	1	0	22.6	22.5	22.6	22.4	22.5	0	24.4	23.1	22.7	22.9	22.8	23.0	0	24.7
		1	12	22.6	22.5	22.4	22.4	22.4	0	24.4	23.0	22.8	22.9	22.8	23.0	0	24.7
		1	24	22.5	22.5	22.4	22.6	22.5	0	24.4	23.1	22.8	22.9	22.8	23.1	0	24.7
		12	0	22.3	22.1	22.2	22.1	22.2	0.7	23.7	22.8	22.7	22.8	22.6	22.7	1	23.7
		12	7	22.3	22.1	22.2	22.1	22.2	0.7	23.7	22.8	22.6	22.7	22.6	22.7	1	23.7
		12	13	22.2	22.1	22.1	22.1	22.2	0.7	23.7	22.7	22.6	22.7	22.6	22.7	1	23.7
		25	0	22.3	22.1	22.1	22.1	22.2	0.7	23.7	22.8	22.6	22.7	22.7	22.7	1	23.7
	64QAM	1	0	22.0	21.7	22.0	21.8	21.9	0.7	23.7	22.0	21.8	22.0	22.1	21.9	1	23.7
		1	12	22.0	22.1	21.8	21.8	21.9	0.7	23.7	22.0	21.7	21.7	21.8	21.9	1	23.7
		1	24	21.9	21.8	22.0	21.8	21.9	0.7	23.7	21.9	21.8	21.9	21.8	21.9	1	23.7
		12	0	21.8	21.6	21.7	21.7	21.7	1.7	22.7	21.8	21.6	21.7	21.7	21.7	2	22.7
		12	7	21.8	21.6	21.8	21.6	21.8	1.7	22.7	21.8	21.6	21.7	21.6	21.7	2	22.7
		12	13	21.8	21.6	21.7	21.6	21.8	1.7	22.7	21.8	21.6	21.7	21.6	21.7	2	22.7
		25	0	21.8	21.6	21.7	21.7	21.8	1.7	22.7	21.9	21.6	21.7	21.6	21.7	2	22.7
	256QAM	1	0	19.6	19.1	19.4	19.3	19.3	3.7	20.7	19.5	19.2	19.3	19.3	19.4	4	20.7
		1	12	19.5	19.2	19.3	19.4	19.3	3.7	20.7	19.4	19.2	19.3	19.3	19.4	4	20.7
		1	24	19.4	19.4	19.4	19.5	19.5	3.7	20.7	19.3	19.3	19.3	19.3	19.4	4	20.7
		12	0	19.9	19.7	19.8	19.7	19.8	3.7	20.7	19.8	19.7	19.8	19.7	19.8	4	20.7
		12	7	19.8	19.7	19.8	19.7	19.8	3.7	20.7	19.9	19.6	19.8	19.7	19.8	4	20.7
		12	13	19.8	19.7	19.7	19.7	19.8	3.7	20.7	19.8	19.7	19.8	19.7	19.8	4	20.7
		25	0	19.9	19.7	19.7	19.7	19.8	3.7	20.7	19.9	19.7	19.7	19.7	19.8	4	20.7

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LTE Band 48 Measured Results (ANT7, Power State 1)

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	23.9	23.7	23.9	23.8	0	25.6	22.4	22.2	22.4	22.3	0	24.0
		1	49	24.1	23.8	24.0	23.9	0	25.6	22.6	22.3	22.6	22.4	0	24.0
		1	99	23.9	23.8	23.8	23.8	0	25.6	22.3	22.2	22.3	22.2	0	24.0
		50	0	24.0	23.8	24.1	23.9	0.9	24.7	22.6	22.3	22.6	22.4	0	24.0
		50	24	24.0	23.8	24.1	23.9	0.9	24.7	22.5	22.3	22.5	22.4	0	24.0
		50	50	24.0	23.8	24.0	23.9	0.9	24.7	22.5	22.3	22.5	22.4	0	24.0
		100	0	24.0	23.9	24.1	24.0	0.9	24.7	22.6	22.4	22.6	22.5	0	24.0
	16QAM	1	0	22.9	23.0	23.2	23.1	0.9	24.7	22.2	22.0	22.0	22.4	0	24.0
		1	49	23.1	23.2	23.4	23.2	0.9	24.7	22.4	22.0	22.1	22.6	0	24.0
		1	99	22.9	23.1	23.1	23.0	0.9	24.7	22.2	22.0	22.0	22.4	0	24.0
		50	0	22.6	22.7	23.0	22.9	1.9	23.7	22.4	22.1	22.3	22.2	0.3	23.7
		50	24	22.5	22.7	23.0	22.9	1.9	23.7	22.3	22.1	22.3	22.3	0.3	23.7
		50	50	22.5	22.8	22.9	22.9	1.9	23.7	22.3	22.1	22.3	22.3	0.3	23.7
		100	0	22.6	22.8	23.0	23.0	1.9	23.7	22.4	22.2	22.4	22.3	0.3	23.7
	64QAM	1	0	21.9	21.8	21.8	21.9	1.9	23.7	21.9	21.7	22.1	22.0	0.3	23.7
		1	49	22.0	21.7	22.0	21.9	1.9	23.7	22.0	21.8	22.0	22.0	0.3	23.7
		1	99	21.9	21.7	21.8	21.9	1.9	23.7	21.8	21.7	21.8	22.0	0.3	23.7
		50	0	21.6	21.4	21.6	21.4	2.9	22.7	21.7	21.4	21.5	21.7	1.3	22.7
		50	24	21.6	21.4	21.5	21.4	2.9	22.7	21.6	21.4	21.6	21.7	1.3	22.7
		50	50	21.6	21.4	21.5	21.4	2.9	22.7	21.6	21.5	21.6	21.7	1.3	22.7
		100	0	21.6	21.4	21.6	21.5	2.9	22.7	21.7	21.5	21.7	21.8	1.3	22.7
	256QAM	1	0	19.0	18.7	18.9	19.0	4.9	20.7	19.0	18.8	19.1	19.2	3.3	20.7
		1	49	19.1	18.9	19.1	19.1	4.9	20.7	19.2	18.9	19.2	19.2	3.3	20.7
		1	99	18.8	18.8	18.8	18.9	4.9	20.7	19.1	18.9	19.1	19.1	3.3	20.7
		50	0	19.6	19.4	19.6	19.4	4.9	20.7	19.7	19.4	19.6	19.7	3.3	20.7
		50	24	19.6	19.4	19.5	19.4	4.9	20.7	19.7	19.4	19.7	19.7	3.3	20.7
		50	50	19.6	19.4	19.5	19.4	4.9	20.7	19.7	19.5	19.6	19.6	3.3	20.7
		100	0	19.7	19.4	19.6	19.5	4.9	20.7	19.7	19.5	19.7	19.7	3.3	20.7

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	23.6	23.6	23.6	23.6	0	25.6	22.3	22.1	22.3	22.2	0	24.0
		1	37	23.6	23.6	23.6	23.6	0	25.6	22.3	22.2	22.3	22.3	0	24.0
		1	74	23.6	23.6	23.6	23.6	0	25.6	22.3	22.1	22.1	22.3	0	24.0
		36	0	23.7	23.7	23.9	23.8	0.9	24.7	22.5	22.2	22.4	22.2	0	24.0
		36	20	23.7	23.7	23.9	23.9	0.9	24.7	22.5	22.3	22.4	22.3	0	24.0
		36	39	23.6	23.7	23.9	23.9	0.9	24.7	22.4	22.3	22.3	22.3	0	24.0
		75	0	23.7	23.7	23.9	23.9	0.9	24.7	22.5	22.3	22.2	22.2	0	24.0
	16QAM	1	0	22.9	22.9	23.3	23.2	0.9	24.7	22.3	22.3	22.1	22.6	0	24.0
		1	37	22.9	22.9	23.4	23.3	0.9	24.7	22.3	22.1	22.2	22.4	0	24.0
		1	74	22.8	22.9	23.3	23.2	0.9	24.7	22.2	22.0	22.1	22.7	0	24.0
		36	0	22.6	22.6	22.9	22.8	1.9	23.7	22.4	22.2	22.4	22.2	0.3	23.7
		36	20	22.6	22.6	22.9	22.8	1.9	23.7	22.4	22.2	22.3	22.3	0.3	23.7
		36	39	22.5	22.6	22.8	22.8	1.9	23.7	22.3	22.2	22.3	22.3	0.3	23.7
		75	0	22.6	22.7	22.9	22.9	1.9	23.7	22.4	21.8	22.3	22.2	0.3	23.7
	64QAM	1	0	22.0	21.7	21.8	22.0	1.9	23.7	22.5	22.0	22.3	22.2	0.3	23.7
		1	37	21.8	21.8	21.8	22.2	1.9	23.7	22.4	22.0	22.4	22.4	0.3	23.7
		1	74	21.9	21.8	21.9	21.9	1.9	23.7	22.2	21.9	22.4	22.1	0.3	23.7
		36	0	21.6	21.4	21.5	21.4	2.9	22.7	21.7	21.6	22.0	21.7	1.3	22.7
		36	20	21.6	21.4	21.5	21.4	2.9	22.7	21.6	21.5	22.0	21.8	1.3	22.7
		36	39	21.6	21.4	21.5	21.4	2.9	22.7	21.6	21.7	22.0	21.7	1.3	22.7
		75	0	21.6	21.4	21.6	21.5	2.9	22.7	21.7	21.8	22.0	21.8	1.3	22.7
	256QAM	1	0	19.2	18.8	19.0	19.0	4.9	20.7	19.5	19.0	19.6	19.2	3.3	20.7
		1	37	19.2	18.8	19.1	19.1	4.9	20.7	19.4	19.0	19.6	19.3	3.3	20.7
		1	74	19.1	18.8	19.1	19.0	4.9	20.7	19.3	19.1	19.5	19.3	3.3	20.7
		36	0	19.7	19.4	19.6	19.4	4.9	20.7	19.7	19.7	20.0	19.7	3.3	20.7
		36	20	19.7	19.4	19.6	19.5	4.9	20.7	19.6	19.7	19.9	19.8	3.3	20.7
		36	39	19.6	19.4	19.5	19.5	4.9	20.7	19.5	19.4	19.8	19.7	3.3	20.7
		75	0	19.7	19.4	19.6	19.5	4.9	20.7	19.6	19.5	20.0	19.8	3.3	20.7

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LTE Band 48 Measured Results (ANT7, Power State 1) (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	24.3	23.6	23.6	23.6	0	25.6	22.3	22.3	22.4	22.4	0	24.0
		1	25	24.4	23.6	23.6	23.6	0	25.6	22.4	22.1	22.4	22.4	0	24.0
		1	49	24.3	23.8	23.6	23.6	0	25.6	22.4	22.1	22.3	22.4	0	24.0
		25	0	24.2	23.7	24.0	23.9	0.9	24.7	22.5	22.3	22.5	22.4	0	24.0
		25	12	24.2	23.7	24.0	23.9	0.9	24.7	22.5	22.3	22.5	22.4	0	24.0
		25	25	24.2	23.7	23.9	23.9	0.9	24.7	22.5	22.3	22.4	22.4	0	24.0
		50	0	24.2	23.8	24.0	23.9	0.9	24.7	22.6	22.3	22.6	22.4	0	24.0
	16QAM	1	0	24.0	23.0	23.3	23.3	0.9	24.7	22.3	22.2	22.3	22.7	0	24.0
		1	25	24.0	23.1	23.5	23.2	0.9	24.7	22.4	22.1	22.3	22.8	0	24.0
		1	49	24.0	23.1	23.4	23.2	0.9	24.7	22.3	22.1	22.2	22.7	0	24.0
		25	0	23.2	22.7	22.9	22.9	1.9	23.7	22.5	22.2	22.5	22.4	0.3	23.7
		25	12	23.1	22.7	23.0	22.9	1.9	23.7	22.5	22.2	22.5	22.4	0.3	23.7
		25	25	23.2	22.7	22.9	22.9	1.9	23.7	22.5	22.2	22.4	22.4	0.3	23.7
		50	0	23.2	22.7	23.0	22.9	1.9	23.7	22.5	22.3	22.5	22.4	0.3	23.7
	64QAM	1	0	22.8	21.8	22.1	22.2	1.9	23.7	22.5	22.2	22.5	22.2	0.3	23.7
		1	25	22.8	21.8	22.1	21.9	1.9	23.7	22.5	22.2	22.7	22.2	0.3	23.7
		1	49	22.9	21.9	21.8	21.9	1.9	23.7	22.5	22.2	22.6	22.1	0.3	23.7
		25	0	22.1	21.5	21.7	21.5	2.9	22.7	22.2	21.9	22.1	21.8	1.3	22.7
		25	12	22.1	21.5	21.6	21.5	2.9	22.7	22.1	21.9	22.1	21.8	1.3	22.7
		25	25	22.1	21.5	21.5	21.5	2.9	22.7	22.1	21.9	22.1	21.8	1.3	22.7
		50	0	22.2	21.5	21.6	21.5	2.9	22.7	22.2	21.9	22.2	21.8	1.3	22.7
	256QAM	1	0	19.8	18.9	19.1	19.1	4.9	20.7	19.6	19.5	19.7	19.3	3.3	20.7
		1	25	19.8	18.9	19.1	19.0	4.9	20.7	19.6	19.4	19.7	19.2	3.3	20.7
		1	49	19.9	18.9	19.1	19.0	4.9	20.7	19.6	19.4	19.6	19.2	3.3	20.7
		25	0	20.1	19.5	19.6	19.5	4.9	20.7	20.1	19.9	20.1	19.8	3.3	20.7
		25	12	20.1	19.5	19.6	19.5	4.9	20.7	20.1	19.9	20.1	19.7	3.3	20.7
		25	25	20.1	19.5	19.5	19.5	4.9	20.7	20.2	19.9	20.1	19.7	3.3	20.7
		50	0	20.1	19.5	19.6	19.6	4.9	20.7	20.2	19.9	20.2	19.8	3.3	20.7

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	24.3	24.1	24.2	24.2	0	25.6	22.4	22.1	22.4	22.4	0	24.0
		1	12	24.3	24.1	24.2	24.2	0	25.6	22.4	22.1	22.4	22.4	0	24.0
		1	24	24.3	24.1	24.2	24.2	0	25.6	22.5	22.1	22.6	22.4	0	24.0
		12	0	24.2	23.9	24.1	24.0	0.9	24.7	22.5	22.2	22.5	22.4	0	24.0
		12	7	24.2	23.9	24.1	24.0	0.9	24.7	22.5	22.2	22.5	22.4	0	24.0
		12	13	24.2	23.9	24.0	24.0	0.9	24.7	22.5	22.2	22.4	22.3	0	24.0
		25	0	24.2	23.9	24.1	24.0	0.9	24.7	22.6	22.3	22.5	22.4	0	24.0
	16QAM	1	0	24.1	23.8	24.0	24.0	0.9	24.7	22.5	22.1	22.3	22.7	0	24.0
		1	12	24.0	23.7	24.0	23.9	0.9	24.7	22.5	22.1	22.4	22.8	0	24.0
		1	24	24.1	23.8	24.0	23.9	0.9	24.7	22.5	22.2	22.2	22.8	0	24.0
		12	0	23.2	22.8	23.1	23.1	1.9	23.7	22.5	22.1	22.5	22.4	0.3	23.7
		12	7	23.1	22.8	23.1	23.0	1.9	23.7	22.5	22.1	22.4	22.4	0.3	23.7
		12	13	23.1	22.8	23.0	23.0	1.9	23.7	22.5	22.1	22.3	22.4	0.3	23.7
		25	0	23.1	22.8	23.1	23.0	1.9	23.7	22.5	22.2	22.4	22.3	0.3	23.7
	64QAM	1	0	22.9	22.6	22.8	22.8	1.9	23.7	22.6	22.3	22.6	22.3	0.3	23.7
		1	12	22.8	22.5	22.8	22.8	1.9	23.7	22.5	22.2	22.4	22.3	0.3	23.7
		1	24	22.9	22.5	22.8	22.7	1.9	23.7	22.5	22.3	22.4	22.4	0.3	23.7
		12	0	22.2	21.8	22.1	22.1	2.9	22.7	22.1	21.8	22.0	21.8	1.3	22.7
		12	7	22.2	21.9	22.1	22.1	2.9	22.7	22.1	21.8	22.0	21.8	1.3	22.7
		12	13	22.2	21.8	22.0	22.1	2.9	22.7	22.1	21.8	22.0	21.8	1.3	22.7
		25	0	22.2	21.8	22.1	22.1	2.9	22.7	22.1	21.8	22.1	21.8	1.3	22.7
	256QAM	1	0	19.9	19.6	19.8	19.9	4.9	20.7	19.7	19.3	19.6	19.4	3.3	20.7
		1	12	19.9	19.6	19.8	19.8	4.9	20.7	19.6	19.3	19.6	19.3	3.3	20.7
		1	24	19.8	19.6	19.7	19.8	4.9	20.7	19.6	19.4	19.6	19.3	3.3	20.7
		12	0	20.2	19.8	20.1	20.1	4.9	20.7	20.2	19.8	20.1	19.8	3.3	20.7
		12	7	20.2	19.8	20.1	20.1	4.9	20.7	20.2	19.8	20.1	19.8	3.3	20.7
		12	13	20.2	19.8	20.0	20.1	4.9	20.7	20.2	19.9	20.0	19.8	3.3	20.7
		25	0	20.2	19.8	20.1	20.0	4.9	20.7	20.2	19.9	20.1	19.8	3.3	20.7

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LTE Band 48 Measured Results (ANT8, Power State 1)

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		
QPSK	1	0	23.7	23.7	23.8	23.7	0	25.7	20.4	20.3	20.4	20.4	0	22.3
	1	49	23.8	23.8	23.9	23.9	0	25.7	20.5	20.4	20.6	20.7	0	22.3
	1	99	23.8	23.8	23.7	23.7	0	25.7	20.5	20.3	20.4	20.5	0	22.3
	50	0	23.7	23.7	23.8	23.9	1	24.7	20.9	20.8	21.0	21.0	0	22.3
	50	24	23.8	23.7	23.8	23.9	1	24.7	20.9	20.8	21.0	21.0	0	22.3
	50	50	23.7	23.7	23.8	23.9	1	24.7	20.9	20.8	21.0	21.0	0	22.3
	100	0	23.7	23.8	23.9	23.7	1	24.7	21.0	20.9	21.0	21.0	0	22.3
16QAM	1	0	23.7	23.7	23.3	23.3	1	24.7	20.3	20.3	20.3	20.3	0	22.3
	1	49	23.7	23.7	23.6	23.5	1	24.7	20.3	20.3	20.3	20.3	0	22.3
	1	99	23.4	23.4	23.5	23.4	1	24.7	20.3	20.3	20.3	20.3	0	22.3
	50	0	22.7	22.7	22.6	22.6	2	23.7	20.5	20.6	20.5	20.7	0	22.3
	50	24	22.8	22.8	22.6	22.7	2	23.7	20.6	20.6	20.5	20.7	0	22.3
	50	50	22.8	22.8	22.7	22.6	2	23.7	20.6	20.6	20.5	20.7	0	22.3
	100	0	22.8	22.8	22.7	22.7	2	23.7	20.7	20.7	20.5	20.7	0	22.3
64QAM	1	0	22.3	22.3	22.2	22.3	2	23.7	20.3	20.3	20.3	20.3	0	22.3
	1	49	22.6	22.6	22.3	22.4	2	23.7	20.3	20.3	20.3	20.3	0	22.3
	1	99	22.3	22.3	22.3	22.3	2	23.7	20.3	20.3	20.3	20.3	0	22.3
	50	0	21.8	21.8	21.7	21.6	3	22.7	20.6	20.6	20.7	20.7	0	22.3
	50	24	21.8	21.8	21.7	21.7	3	22.7	20.6	20.6	20.7	20.7	0	22.3
	50	50	21.8	21.8	21.7	21.7	3	22.7	20.6	20.6	20.7	20.7	0	22.3
	100	0	21.8	21.8	21.7	21.7	3	22.7	20.7	20.7	20.7	20.8	0	22.3
256QAM	1	0	19.3	19.3	19.2	19.3	5	20.7	18.9	18.9	19.0	18.9	1.6	20.7
	1	49	19.5	19.5	19.6	19.4	5	20.7	19.1	19.0	19.2	19.0	1.6	20.7
	1	99	19.1	19.1	19.2	19.2	5	20.7	19.0	18.8	19.1	18.9	1.6	20.7
	50	0	19.8	19.8	19.7	19.7	5	20.7	19.4	19.5	19.6	19.6	1.6	20.7
	50	24	19.8	19.8	19.7	19.7	5	20.7	19.5	19.5	19.6	19.6	1.6	20.7
	50	50	19.8	19.8	19.8	19.7	5	20.7	19.5	19.6	19.6	19.6	1.6	20.7
	100	0	19.9	19.9	19.8	19.8	5	20.7	19.6	19.6	19.6	19.7	1.6	20.7

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		
QPSK	1	0	24.0	23.8	24.1	24.1	0	25.7	20.3	20.3	20.3	20.3	0	22.3
	1	37	24.1	24.0	24.1	24.3	0	25.7	20.3	20.3	20.3	20.3	0	22.3
	1	74	24.1	24.0	24.2	24.1	0	25.7	20.3	20.3	20.3	20.3	0	22.3
	36	0	23.6	23.4	23.6	23.6	1	24.7	20.6	20.6	20.5	20.7	0	22.3
	36	20	23.7	23.5	23.6	23.6	1	24.7	20.6	20.7	20.5	20.8	0	22.3
	36	39	23.7	23.5	23.7	23.6	1	24.7	20.6	20.7	20.5	20.8	0	22.3
	75	0	23.8	23.5	23.6	23.6	1	24.7	20.6	20.7	20.5	20.8	0	22.3
16QAM	1	0	23.3	23.1	23.3	23.3	1	24.7	20.3	20.3	20.3	20.3	0	22.3
	1	37	23.5	23.2	23.2	23.3	1	24.7	20.3	20.3	20.3	20.3	0	22.3
	1	74	23.4	23.2	23.2	23.3	1	24.7	20.3	20.3	20.3	20.3	0	22.3
	36	0	22.6	22.4	22.5	22.5	2	23.7	20.6	20.6	20.5	20.6	0	22.3
	36	20	22.7	22.4	22.5	22.6	2	23.7	20.5	20.6	20.5	20.7	0	22.3
	36	39	22.6	22.5	22.6	22.6	2	23.7	20.6	20.6	20.5	20.6	0	22.3
	75	0	22.7	22.4	22.6	22.6	2	23.7	20.6	20.6	20.5	20.7	0	22.3
64QAM	1	0	22.3	22.1	22.3	22.2	2	23.7	20.3	20.3	20.3	20.3	0	22.3
	1	37	22.4	22.1	22.3	22.2	2	23.7	20.3	20.3	20.3	20.3	0	22.3
	1	74	22.3	22.2	22.3	22.3	2	23.7	20.3	20.3	20.3	20.3	0	22.3
	36	0	21.6	21.4	21.6	21.5	3	22.7	20.6	20.6	20.7	20.7	0	22.3
	36	20	21.7	21.4	21.6	21.6	3	22.7	20.6	20.6	20.7	20.7	0	22.3
	36	39	21.7	21.4	21.6	21.6	3	22.7	20.6	20.6	20.7	20.7	0	22.3
	75	0	21.7	21.4	21.6	21.6	3	22.7	20.6	20.7	20.7	20.7	0	22.3
256QAM	1	0	19.3	19.0	19.3	19.3	5	20.7	19.0	19.0	19.3	19.0	1.6	20.7
	1	37	19.4	19.2	19.4	19.4	5	20.7	19.0	19.1	19.2	19.0	1.6	20.7
	1	74	19.2	19.2	19.5	19.4	5	20.7	19.1	19.1	19.2	19.0	1.6	20.7
	36	0	19.7	19.4	19.6	19.7	5	20.7	19.4	19.5	19.6	19.6	1.6	20.7
	36	20	19.7	19.4	19.7	19.7	5	20.7	19.4	19.5	19.6	19.6	1.6	20.7
	36	39	19.7	19.5	19.7	19.7	5	20.7	19.5	19.5	19.6	19.6	1.6	20.7
	75	0	19.8	19.5	19.7	19.7	5	20.7	19.5	19.6	19.6	19.6	1.6	20.7

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LTE Band 48 Measured Results (ANT8, Power State 1) (continued)

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		
QPSK	1	0	24.0	24.0	24.1	24.0	0	25.7	20.3	20.3	20.3	20.3	0	22.3
	1	25	24.0	24.0	24.1	24.1	0	25.7	20.3	20.3	20.3	20.3	0	22.3
	1	49	24.0	24.0	24.1	24.1	0	25.7	20.3	20.3	20.3	20.3	0	22.3
	25	0	23.7	23.6	23.7	23.6	1	24.7	20.7	20.7	20.6	20.8	0	22.3
	25	12	23.7	23.6	23.6	23.7	1	24.7	20.7	20.7	20.6	20.8	0	22.3
	25	25	23.7	23.6	23.7	23.7	1	24.7	20.7	20.7	20.6	20.8	0	22.3
	50	0	23.7	23.6	23.7	23.8	1	24.7	20.7	20.8	20.7	20.8	0	22.3
16QAM	1	0	23.2	23.2	23.2	23.3	1	24.7	20.3	20.3	20.3	20.3	0	22.3
	1	25	23.3	23.2	23.0	23.5	1	24.7	20.3	20.3	20.3	20.3	0	22.3
	1	49	23.2	23.2	23.4	23.4	1	24.7	20.3	20.3	20.3	20.3	0	22.3
	25	0	22.6	22.6	22.6	22.6	2	23.7	20.7	20.7	20.6	20.8	0	22.3
	25	12	22.6	22.6	22.6	22.7	2	23.7	20.6	20.7	20.5	20.7	0	22.3
	25	25	22.6	22.6	22.6	22.6	2	23.7	20.6	20.7	20.5	20.7	0	22.3
	50	0	22.7	22.6	22.6	22.7	2	23.7	20.7	20.8	20.6	20.8	0	22.3
64QAM	1	0	22.0	22.0	22.3	22.3	2	23.7	20.3	20.3	20.3	20.3	0	22.3
	1	25	22.1	22.0	22.2	22.4	2	23.7	20.3	20.3	20.3	20.3	0	22.3
	1	49	22.0	22.0	22.2	22.3	2	23.7	20.3	20.3	20.3	20.3	0	22.3
	25	0	21.6	21.6	21.7	21.6	3	22.7	20.6	20.6	20.8	20.8	0	22.3
	25	12	21.6	21.6	21.7	21.7	3	22.7	20.6	20.7	20.8	20.8	0	22.3
	25	25	21.6	21.6	21.7	21.7	3	22.7	20.6	20.7	20.8	20.8	0	22.3
	50	0	21.6	21.6	21.7	21.7	3	22.7	20.7	20.7	20.8	20.8	0	22.3
256QAM	1	0	19.2	19.1	19.2	19.3	5	20.7	19.1	19.1	19.2	19.2	1.6	20.7
	1	25	19.2	19.2	19.2	19.4	5	20.7	18.9	19.1	19.5	19.1	1.6	20.7
	1	49	19.2	19.2	19.2	19.2	5	20.7	19.1	19.1	19.2	19.1	1.6	20.7
	25	0	19.6	19.7	19.8	19.7	5	20.7	19.6	19.5	19.7	19.7	1.6	20.7
	25	12	19.6	19.6	19.7	19.7	5	20.7	19.6	19.6	19.7	19.7	1.6	20.7
	25	25	19.6	19.6	19.8	19.7	5	20.7	19.5	19.7	19.7	19.7	1.6	20.7
	50	0	19.7	19.7	19.8	19.8	5	20.7	19.6	19.7	19.7	19.7	1.6	20.7

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		
QPSK	1	0	24.1	24.0	24.1	24.0	0	25.7	20.3	20.3	20.3	20.3	0	22.3
	1	12	24.0	24.0	24.0	24.0	0	25.7	20.3	20.3	20.3	20.3	0	22.3
	1	24	24.1	24.0	24.1	24.0	0	25.7	20.3	20.3	20.3	20.3	0	22.3
	12	0	23.7	23.6	23.7	23.7	1	24.7	20.7	20.6	20.6	20.8	0	22.3
	12	7	23.7	23.6	23.7	23.7	1	24.7	20.7	20.7	20.6	20.8	0	22.3
	12	13	23.7	23.6	23.7	23.7	1	24.7	20.7	20.7	20.6	20.8	0	22.3
	25	0	23.7	23.6	23.7	23.7	1	24.7	20.7	20.7	20.6	20.8	0	22.3
16QAM	1	0	23.4	23.1	23.5	23.2	1	24.7	20.3	20.3	20.3	20.3	0	22.3
	1	12	23.4	23.2	23.4	23.1	1	24.7	20.3	20.3	20.3	20.3	0	22.3
	1	24	23.4	23.2	23.4	23.1	1	24.7	20.3	20.3	20.3	20.3	0	22.3
	12	0	22.6	22.5	22.6	22.6	2	23.7	20.6	20.6	20.5	20.8	0	22.3
	12	7	22.6	22.5	22.6	22.6	2	23.7	20.6	20.7	20.5	20.8	0	22.3
	12	13	22.6	22.5	22.7	22.6	2	23.7	20.6	20.7	20.5	20.7	0	22.3
	25	0	22.6	22.6	22.6	22.6	2	23.7	20.6	20.7	20.5	20.8	0	22.3
64QAM	1	0	22.1	21.9	22.2	22.2	2	23.7	20.3	20.3	20.3	20.3	0	22.3
	1	12	22.0	22.0	22.2	22.1	2	23.7	20.3	20.3	20.3	20.3	0	22.3
	1	24	22.0	22.0	22.2	22.2	2	23.7	20.3	20.9	20.3	20.3	0	22.3
	12	0	21.6	21.6	21.7	21.6	3	22.7	20.7	20.6	20.8	20.8	0	22.3
	12	7	21.6	21.6	21.6	21.6	3	22.7	20.7	20.7	20.8	20.7	0	22.3
	12	13	21.6	21.6	21.7	21.6	3	22.7	20.7	20.7	20.8	20.7	0	22.3
	25	0	21.7	21.6	21.7	21.7	3	22.7	20.7	20.7	20.8	20.8	0	22.3
256QAM	1	0	19.2	19.1	19.2	19.2	5	20.7	19.2	19.0	19.2	19.2	1.6	20.7
	1	12	19.2	19.1	19.2	19.2	5	20.7	19.0	19.1	19.2	19.1	1.6	20.7
	1	24	19.1	19.2	19.2	19.3	5	20.7	19.1	19.1	19.3	19.2	1.6	20.7
	12	0	19.7	19.6	19.7	19.7	5	20.7	19.6	19.5	19.7	19.6	1.6	20.7
	12	7	19.6	19.6	19.7	19.7	5	20.7	19.5	19.6	19.6	19.6	1.6	20.7
	12	13	19.6	19.6	19.7	19.7	5	20.7	19.6	19.6	19.7	19.6	1.6	20.7
	25	0	19.7	19.6	19.7	19.7	5	20.7	19.6	19.6	19.7	19.7	1.6	20.7

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LTE Band 48 Measured Results (ANT9, Power State 1)

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	22.2	22.2	22.3	22.1	0	23.7	20.7	20.4	20.7	20.7	0	21.5
		1	49	22.4	22.4	22.4	22.2	0	23.7	20.7	20.7	21.0	20.8	0	21.5
		1	99	22.3	22.3	22.3	22.1	0	23.7	20.6	20.6	20.8	20.6	0	21.5
		50	0	22.7	22.7	22.7	22.5	0	23.7	21.2	21.0	21.4	21.3	0	21.5
		50	24	22.7	22.7	22.7	22.5	0	23.7	21.1	21.1	21.3	21.2	0	21.5
		50	50	22.7	22.7	22.7	22.4	0	23.7	21.1	21.1	21.3	21.2	0	21.5
		100	0	22.7	22.7	22.7	22.5	0	23.7	21.2	21.2	21.4	21.3	0	21.5
	16QAM	1	0	22.3	22.2	22.5	22.1	0	23.7	20.7	20.8	20.9	20.7	0	21.5
		1	49	22.4	22.3	22.5	22.3	0	23.7	20.8	21.1	21.1	20.9	0	21.5
		1	99	22.3	22.3	22.4	22.0	0	23.7	20.6	20.9	20.8	20.7	0	21.5
		50	0	22.6	22.5	22.6	22.4	0	23.7	21.1	21.1	21.3	21.2	0	21.5
		50	24	22.6	22.6	22.6	22.4	0	23.7	21.0	21.1	21.3	21.2	0	21.5
		50	50	22.6	22.6	22.7	22.4	0	23.7	21.0	21.1	21.3	21.2	0	21.5
		100	0	22.7	22.6	22.7	22.4	0	23.7	21.1	21.2	21.4	21.2	0	21.5
	64QAM	1	0	22.3	22.2	22.3	22.1	0	23.7	20.6	20.7	20.8	20.6	0	21.5
		1	49	22.3	22.3	22.3	22.1	0	23.7	20.8	21.0	20.9	20.8	0	21.5
		1	99	22.3	22.3	22.3	22.0	0	23.7	20.5	20.8	20.9	20.6	0	21.5
		50	0	22.1	22.1	22.1	21.8	1	22.7	21.1	21.1	21.4	21.2	0	21.5
		50	24	21.9	22.0	22.0	21.7	1	22.7	21.1	21.2	21.3	21.2	0	21.5
		50	50	21.9	21.9	22.0	21.7	1	22.7	21.1	21.2	21.3	21.2	0	21.5
		100	0	22.0	22.0	22.0	21.7	1	22.7	21.1	21.3	21.4	21.3	0	21.5
	256QAM	1	0	19.4	19.1	19.6	19.3	3	20.7	19.9	19.7	20.0	19.8	0.8	20.7
		1	49	19.4	19.3	19.4	19.3	3	20.7	19.9	19.9	20.2	20.0	0.8	20.7
		1	99	19.4	19.2	19.3	19.2	3	20.7	19.8	19.8	20.0	19.8	0.8	20.7
		50	0	19.9	19.7	19.8	19.7	3	20.7	20.3	20.3	20.6	20.4	0.8	20.7
		50	24	19.9	19.9	20.0	19.7	3	20.7	20.3	20.4	20.6	20.4	0.8	20.7
		50	50	20.0	19.3	20.0	19.7	3	20.7	20.3	20.4	20.6	20.4	0.8	20.7
		100	0	20.0	20.0	20.0	19.7	3	20.7	20.3	20.4	20.6	20.5	0.8	20.7

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	22.3	22.3	22.4	22.4	0	23.7	20.6	20.6	21.0	20.8	0	21.5
		1	37	22.4	22.2	22.4	22.4	0	23.7	20.6	20.7	21.0	20.8	0	21.5
		1	74	22.3	22.2	22.5	22.4	0	23.7	20.6	20.8	20.9	20.8	0	21.5
		36	0	22.7	22.6	22.8	22.8	0	23.7	21.1	21.0	21.4	21.2	0	21.5
		36	20	22.7	22.5	22.8	22.8	0	23.7	21.0	21.1	21.4	21.2	0	21.5
		36	39	22.7	22.5	22.9	22.8	0	23.7	21.0	21.1	21.4	21.2	0	21.5
		75	0	22.7	22.5	22.8	22.8	0	23.7	21.1	21.1	21.4	21.2	0	21.5
	16QAM	1	0	22.4	22.2	22.4	22.4	0	23.7	20.7	20.6	21.0	20.9	0	21.5
		1	37	22.4	22.2	22.4	22.4	0	23.7	20.6	20.8	21.0	20.9	0	21.5
		1	74	22.5	22.1	22.8	22.4	0	23.7	21.0	20.7	21.0	20.8	0	21.5
		36	0	22.7	22.5	22.8	22.7	0	23.7	21.1	21.0	21.4	21.2	0	21.5
		36	20	22.7	22.4	22.8	22.7	0	23.7	21.1	21.1	21.3	21.2	0	21.5
		36	39	22.7	22.4	22.9	22.7	0	23.7	21.0	21.1	21.3	21.2	0	21.5
		75	0	22.7	22.5	22.8	22.7	0	23.7	21.1	21.1	21.4	21.2	0	21.5
	64QAM	1	0	22.3	22.3	22.4	22.3	0	23.7	20.8	20.7	21.0	20.8	0	21.5
		1	37	22.4	22.1	22.4	22.3	0	23.7	20.7	20.7	20.9	20.8	0	21.5
		1	74	22.5	22.1	22.5	22.3	0	23.7	20.7	20.8	21.0	20.8	0	21.5
		36	0	22.0	21.8	22.0	22.0	1	22.7	21.2	21.1	21.4	21.2	0	21.5
		36	20	22.0	21.7	22.0	22.0	1	22.7	21.1	21.1	21.4	21.2	0	21.5
		36	39	22.0	21.7	22.1	22.0	1	22.7	21.1	21.2	21.4	21.2	0	21.5
		75	0	22.0	21.8	22.1	22.0	1	22.7	21.1	21.2	21.4	21.2	0	21.5
	256QAM	1	0	19.5	19.3	19.6	19.6	3	20.7	20.0	19.8	20.1	19.9	0.8	20.7
		1	37	19.5	19.3	19.6	19.5	3	20.7	19.8	19.9	20.1	19.8	0.8	20.7
		1	74	19.6	19.4	19.6	19.6	3	20.7	19.8	20.0	20.2	19.9	0.8	20.7
		36	0	20.0	19.8	20.1	20.1	3	20.7	20.4	20.3	20.6	20.4	0.8	20.7
		36	20	20.0	19.7	20.1	20.0	3	20.7	20.3	20.3	20.5	20.4	0.8	20.7
		36	39	20.0	19.7	20.1	20.0	3	20.7	20.3	20.4	20.5	20.4	0.8	20.7
		75	0	20.0	19.8	20.1	20.0	3	20.7	20.3	20.4	20.6	20.4	0.8	20.7

Notes:

LTE Band 48 Low and High channels were tested using the maximum tune-up limit. This is for testing purposes only. For devices that are released to the market, the tune-up procedure would be followed.

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LTE Band 48 Measured Results (ANT9, Power State 1) (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	22.5	22.2	22.6	22.6	0	23.7	20.8	20.6	21.0	20.8	0	21.5
		1	25	22.6	22.3	22.5	22.6	0	23.7	20.8	20.7	21.0	21.1	0	21.5
		1	49	22.5	22.2	22.7	22.6	0	23.7	20.7	20.7	20.9	20.8	0	21.5
		25	0	22.8	22.7	23.0	23.0	0	23.7	21.2	21.1	21.4	21.2	0	21.5
		25	12	22.8	22.6	22.9	23.0	0	23.7	21.2	21.2	21.4	21.2	0	21.5
		25	25	22.8	22.6	23.0	23.0	0	23.7	21.1	21.2	21.4	21.2	0	21.5
		50	0	22.9	22.7	23.0	23.0	0	23.7	21.2	21.2	21.4	21.3	0	21.5
	16QAM	1	0	22.1	22.4	22.6	22.6	0	23.7	20.8	20.7	21.0	20.8	0	21.5
		1	25	22.6	22.3	22.9	22.6	0	23.7	20.9	21.0	21.1	20.9	0	21.5
		1	49	22.6	22.3	22.7	22.6	0	23.7	20.7	20.9	21.0	20.8	0	21.5
		25	0	22.8	22.7	22.9	23.0	0	23.7	21.1	21.1	21.4	21.2	0	21.5
		25	12	22.8	22.6	22.9	22.9	0	23.7	21.1	21.1	21.4	21.2	0	21.5
		25	25	22.8	22.6	23.0	22.9	0	23.7	21.1	21.2	21.4	21.2	0	21.5
		50	0	22.8	22.6	23.0	23.0	0	23.7	21.1	21.2	21.4	21.2	0	21.5
	64QAM	1	0	22.5	22.3	22.5	22.5	0	23.7	21.0	20.8	21.1	20.9	0	21.5
		1	25	22.4	22.2	22.5	22.5	0	23.7	20.9	20.7	21.2	20.9	0	21.5
		1	49	22.5	22.2	22.6	22.5	0	23.7	20.9	20.9	21.1	21.0	0	21.5
		25	0	22.0	21.9	22.2	22.2	1	22.7	21.3	21.2	21.4	21.3	0	21.5
		25	12	22.0	21.9	22.2	22.2	1	22.7	21.2	21.2	21.4	21.3	0	21.5
		25	25	22.0	21.9	22.2	22.2	1	22.7	21.2	21.3	21.4	21.3	0	21.5
		50	0	22.1	21.9	22.2	22.3	1	22.7	21.2	21.3	21.5	21.3	0	21.5
	256QAM	1	0	19.7	19.4	19.7	19.8	3	20.7	20.0	19.9	20.1	19.9	0.8	20.7
		1	25	19.6	19.4	19.7	19.6	3	20.7	19.9	20.0	20.2	19.9	0.8	20.7
		1	49	19.6	19.4	19.8	19.8	3	20.7	20.0	20.0	20.1	19.9	0.8	20.7
		25	0	20.1	19.9	20.2	20.3	3	20.7	20.5	20.4	20.6	20.5	0.8	20.7
		25	12	20.1	19.9	20.2	20.2	3	20.7	20.5	20.4	20.6	20.4	0.8	20.7
		25	25	20.1	19.9	20.3	20.2	3	20.7	20.4	20.4	20.6	20.5	0.8	20.7
		50	0	20.1	19.9	20.2	20.3	3	20.7	20.4	20.5	20.6	20.5	0.8	20.7

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	22.6	22.4	22.7	22.6	0	23.7	20.7	20.8	21.0	20.8	0	21.5
		1	12	22.5	22.3	22.6	22.5	0	23.7	20.6	20.7	20.9	20.8	0	21.5
		1	24	22.6	22.4	22.7	22.7	0	23.7	20.7	20.8	21.0	20.8	0	21.5
		12	0	22.9	22.8	22.9	22.9	0	23.7	21.1	21.0	21.4	21.2	0	21.5
		12	7	22.9	22.7	22.9	22.9	0	23.7	21.1	21.1	21.4	21.2	0	21.5
		12	13	22.9	22.7	23.0	22.9	0	23.7	21.1	21.1	21.4	21.2	0	21.5
		25	0	22.9	22.7	22.9	22.9	0	23.7	21.1	21.1	21.4	21.2	0	21.5
	16QAM	1	0	22.7	22.5	22.7	22.7	0	23.7	20.8	20.9	21.0	20.9	0	21.5
		1	12	22.7	22.4	22.6	22.6	0	23.7	20.9	20.9	20.9	20.7	0	21.5
		1	24	22.7	22.4	22.7	22.6	0	23.7	20.8	20.9	21.0	20.9	0	21.5
		12	0	22.8	22.7	22.9	22.9	0	23.7	21.1	21.0	21.4	21.1	0	21.5
		12	7	22.8	22.6	22.9	22.9	0	23.7	21.1	21.1	21.3	21.1	0	21.5
		12	13	22.8	22.6	22.9	22.9	0	23.7	21.1	21.1	21.3	21.1	0	21.5
		25	0	22.9	22.6	22.9	22.9	0	23.7	21.1	21.1	21.4	21.2	0	21.5
	64QAM	1	0	22.5	22.4	22.5	22.5	0	23.7	20.9	20.9	21.0	21.0	0	21.5
		1	12	22.6	22.3	22.5	22.5	0	23.7	20.9	21.0	21.0	21.0	0	21.5
		1	24	22.5	22.3	22.6	22.5	0	23.7	21.0	21.1	21.1	20.9	0	21.5
		12	0	22.1	21.9	22.1	22.2	1	22.7	21.3	21.1	21.4	21.3	0	21.5
		12	7	22.1	21.9	22.1	22.1	1	22.7	21.3	21.2	21.4	21.3	0	21.5
		12	13	22.1	21.9	22.2	22.2	1	22.7	21.2	21.2	21.4	21.3	0	21.5
		25	0	22.2	21.9	22.2	22.2	1	22.7	21.3	21.2	21.4	21.3	0	21.5
	256QAM	1	0	19.6	19.5	19.7	19.7	3	20.7	20.0	19.9	20.1	20.0	0.8	20.7
		1	12	19.7	19.3	19.7	19.7	3	20.7	20.0	19.9	20.1	20.0	0.8	20.7
		1	24	19.7	19.5	19.8	19.7	3	20.7	20.0	19.9	20.1	20.0	0.8	20.7
		12	0	20.2	20.0	20.2	20.2	3	20.7	20.5	20.4	20.6	20.5	0.8	20.7
		12	7	20.1	19.9	20.2	20.2	3	20.7	20.5	20.4	20.6	20.5	0.8	20.7
		12	13	20.1	19.9	20.2	20.2	3	20.7	20.5	20.4	20.6	20.5	0.8	20.7
		25	0	20.1	19.9	20.2	20.2	3	20.7	20.5	20.4	20.6	20.5	0.8	20.7

Notes:

LTE Band 48 Low and High channels were tested using the maximum tune-up limit. This is for testing purposes only. For devices that are released to the market, the tune-up procedure would be followed.

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LTE Band 48 Measured Results (ANT4, Power State 1)

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	19.9	19.6	19.9	19.8	0	20.5	20.7	20.5	20.7	20.5	0	22.4
		1	49	20.0	19.8	19.9	19.7	0	20.5	20.8	20.7	20.8	20.6	0	22.4
		1	99	19.7	19.7	19.9	19.6	0	20.5	20.6	20.7	20.6	20.5	0	22.4
		50	0	20.0	20.0	20.0	20.1	0	20.5	20.7	20.7	20.7	20.8	0	22.4
		50	24	20.0	20.1	20.0	20.1	0	20.5	20.7	20.9	20.7	20.8	0	22.4
		50	50	20.0	20.1	20.1	20.1	0	20.5	20.7	20.9	20.8	20.8	0	22.4
		100	0	20.1	20.1	20.1	20.1	0	20.5	20.8	20.9	20.8	20.9	0	22.4
	16QAM	1	0	19.0	18.9	19.2	19.1	0	20.5	20.4	20.4	20.4	20.4	0	22.4
		1	49	19.3	19.2	19.3	19.2	0	20.5	20.4	20.4	20.4	20.4	0	22.4
		1	99	19.0	19.1	19.3	18.8	0	20.5	20.4	20.4	20.4	20.4	0	22.4
		50	0	19.7	19.6	19.9	19.8	0	20.5	20.7	20.7	20.7	20.7	0	22.4
		50	24	19.7	19.6	19.8	19.7	0	20.5	20.7	20.8	20.7	20.8	0	22.4
		50	50	19.7	19.6	19.9	19.7	0	20.5	20.7	20.8	20.8	20.8	0	22.4
		100	0	19.8	19.7	19.9	19.8	0	20.5	20.8	20.9	20.8	20.8	0	22.4
	64QAM	1	0	19.0	19.0	19.1	19.0	0	20.5	20.4	20.4	20.4	20.4	0	22.4
		1	49	19.1	19.1	19.2	19.2	0	20.5	20.4	20.4	20.4	20.4	0	22.4
		1	99	18.9	19.1	19.2	19.1	0	20.5	20.4	20.4	20.4	20.4	0	22.4
		50	0	19.8	19.8	19.9	19.8	0	20.5	20.7	20.7	20.8	20.7	0	22.4
		50	24	19.8	19.9	19.9	19.8	0	20.5	20.7	20.8	20.8	20.7	0	22.4
		50	50	19.8	19.9	19.9	19.8	0	20.5	20.7	20.8	20.8	20.7	0	22.4
		100	0	19.9	19.9	19.9	19.9	0	20.5	20.8	20.8	20.8	20.8	0	22.4
	256QAM	1	0	18.5	18.5	18.5	18.5	0	20.5	18.7	18.7	18.7	18.7	1.7	20.7
		1	49	18.6	18.5	18.5	18.5	0	20.5	18.7	18.7	18.7	18.7	1.7	20.7
		1	99	18.5	18.5	18.5	18.5	0	20.5	18.7	18.7	18.7	18.7	1.7	20.7
		50	0	19.0	19.0	19.0	18.9	0	20.5	19.0	19.0	19.0	18.9	1.7	20.7
		50	24	19.0	19.0	19.0	19.0	0	20.5	18.9	19.0	19.0	19.0	1.7	20.7
		50	50	19.0	19.0	19.1	19.0	0	20.5	19.0	19.0	19.1	19.0	1.7	20.7
		100	0	19.0	19.1	19.1	19.0	0	20.5	19.0	19.1	19.1	19.1	1.7	20.7

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	19.0	18.9	19.1	19.1	0	20.5	20.4	20.4	20.4	20.4	0	22.4
		1	37	19.1	18.9	19.1	19.1	0	20.5	20.4	20.4	20.4	20.4	0	22.4
		1	74	18.9	18.8	19.2	19.2	0	20.5	20.4	20.4	20.4	20.4	0	22.4
		36	0	19.8	19.6	19.8	19.8	0	20.5	20.8	20.8	20.8	20.8	0	22.4
		36	20	19.7	19.6	19.8	19.8	0	20.5	20.8	20.8	20.8	20.8	0	22.4
		36	39	19.7	19.6	19.9	19.8	0	20.5	20.8	20.9	20.9	20.8	0	22.4
		75	0	19.8	19.7	19.9	19.8	0	20.5	20.8	20.9	20.8	20.8	0	22.4
	16QAM	1	0	19.1	18.9	19.2	19.2	0	20.5	20.4	20.4	20.4	20.4	0	22.4
		1	37	19.0	18.9	19.1	19.2	0	20.5	20.4	20.4	20.4	20.4	0	22.4
		1	74	19.0	18.9	19.2	19.2	0	20.5	20.4	20.4	20.4	20.4	0	22.4
		36	0	19.8	19.6	19.8	19.8	0	20.5	20.7	20.7	20.8	20.7	0	22.4
		36	20	19.7	19.6	19.8	19.8	0	20.5	20.7	20.8	20.8	20.7	0	22.4
		36	39	19.6	19.6	19.9	19.8	0	20.5	20.7	20.8	20.9	20.7	0	22.4
		75	0	19.7	19.6	19.8	19.8	0	20.5	20.7	20.8	20.8	20.8	0	22.4
	64QAM	1	0	19.1	19.1	19.2	19.2	0	20.5	20.4	20.4	20.4	20.4	0	22.4
		1	37	19.2	19.2	19.1	19.2	0	20.5	20.4	20.4	20.4	20.4	0	22.4
		1	74	19.2	19.1	19.2	19.2	0	20.5	20.4	20.4	20.4	20.4	0	22.4
		36	0	19.8	19.9	19.9	19.8	0	20.5	20.7	20.7	20.8	20.7	0	22.4
		36	20	19.8	19.9	19.9	19.8	0	20.5	20.7	20.8	20.8	20.8	0	22.4
		36	39	19.8	19.9	19.9	19.8	0	20.5	20.7	20.8	20.8	20.7	0	22.4
		75	0	19.9	20.0	19.9	19.9	0	20.5	20.7	20.8	20.8	20.8	0	22.4
	256QAM	1	0	18.5	18.5	18.6	18.5	0	20.5	18.7	18.7	18.7	18.7	1.7	20.7
		1	37	18.6	18.5	18.6	18.5	0	20.5	18.7	18.7	18.7	18.7	1.7	20.7
		1	74	18.6	18.6	18.7	18.5	0	20.5	18.7	18.7	18.7	18.7	1.7	20.7
		36	0	19.0	19.0	19.1	19.0	0	20.5	19.0	19.0	19.1	19.0	1.7	20.7
		36	20	19.0	19.0	19.0	19.0	0	20.5	19.0	19.0	19.1	19.0	1.7	20.7
		36	39	19.0	19.1	19.1	19.0	0	20.5	19.0	19.0	19.1	19.0	1.7	20.7
		75	0	19.0	19.1	19.1	19.0	0	20.5	19.0	19.0	19.1	19.0	1.7	20.7

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LTE Band 48 Measured Results (ANT4, Power State 1) (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	19.2	18.9	19.2	19.2	0	20.5	20.4	20.4	20.4	20.4	0	22.4
		1	25	19.2	19.0	19.3	19.2	0	20.5	20.4	20.4	20.4	20.4	0	22.4
		1	49	19.1	18.8	19.3	19.3	0	20.5	20.4	20.4	20.4	20.4	0	22.4
		25	0	19.9	19.7	19.9	19.8	0	20.5	20.8	20.9	20.9	20.9	0	22.4
		25	12	19.9	19.7	19.9	19.8	0	20.5	20.8	20.9	20.9	20.9	0	22.4
		25	25	19.8	19.7	20.0	19.8	0	20.5	20.8	20.9	20.9	20.9	0	22.4
		50	0	19.9	19.7	19.9	19.8	0	20.5	20.9	21.0	20.9	20.9	0	22.4
	16QAM	1	0	19.4	19.1	19.2	19.2	0	20.5	20.4	20.4	20.4	20.4	0	22.4
		1	25	19.2	19.1	19.3	19.1	0	20.5	20.4	20.4	20.4	20.4	0	22.4
		1	49	19.2	19.2	19.4	19.2	0	20.5	20.4	20.4	20.4	20.4	0	22.4
		25	0	19.8	19.7	19.9	19.8	0	20.5	20.8	20.8	20.8	20.9	0	22.4
		25	12	19.8	19.7	19.9	19.8	0	20.5	20.8	20.8	20.8	20.8	0	22.4
		25	25	19.8	19.7	19.9	19.8	0	20.5	20.8	20.9	20.8	20.8	0	22.4
		50	0	19.8	19.7	19.9	19.8	0	20.5	20.8	20.9	20.8	20.9	0	22.4
	64QAM	1	0	19.3	19.1	19.4	19.3	0	20.5	20.4	20.4	20.4	20.4	0	22.4
		1	25	19.4	19.1	19.2	19.1	0	20.5	20.4	20.4	20.4	20.4	0	22.4
		1	49	19.3	19.2	19.3	19.2	0	20.5	20.4	20.4	20.4	20.4	0	22.4
		25	0	19.9	19.9	19.9	19.9	0	20.5	20.8	20.8	20.9	20.8	0	22.4
		25	12	19.9	19.9	19.9	19.9	0	20.5	20.8	20.8	20.8	20.8	0	22.4
		25	25	19.9	19.9	20.0	19.9	0	20.5	20.8	20.8	20.9	20.8	0	22.4
		50	0	20.0	20.0	19.9	19.9	0	20.5	20.8	20.9	20.9	20.9	0	22.4
	256QAM	1	0	18.5	18.5	18.6	18.5	0	20.5	18.7	18.7	18.7	18.7	1.7	20.7
		1	25	18.5	18.6	18.6	18.6	0	20.5	18.7	18.7	18.7	18.7	1.7	20.7
		1	49	18.6	18.7	18.6	18.5	0	20.5	18.7	18.8	18.7	18.7	1.7	20.7
		25	0	19.1	19.0	19.1	19.1	0	20.5	19.0	19.0	19.1	19.1	1.7	20.7
		25	12	19.1	19.1	19.0	19.1	0	20.5	19.0	19.1	19.1	19.0	1.7	20.7
		25	25	19.1	19.1	19.1	19.1	0	20.5	19.0	19.1	19.1	19.1	1.7	20.7
		50	0	19.1	19.1	19.1	19.1	0	20.5	19.1	19.1	19.1	19.1	1.7	20.7

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	19.2	19.1	19.3	19.4	0	20.5	20.4	20.4	20.4	20.4	0	22.4
		1	12	19.2	19.0	19.2	19.1	0	20.5	20.4	20.4	20.4	20.4	0	22.4
		1	24	19.1	19.1	19.3	19.3	0	20.5	20.4	20.4	20.4	20.4	0	22.4
		12	0	19.9	19.7	19.9	19.9	0	20.5	20.8	20.8	20.9	20.9	0	22.4
		12	7	19.9	19.7	19.9	19.9	0	20.5	20.8	20.9	20.9	20.8	0	22.4
		12	13	19.9	19.7	19.9	19.9	0	20.5	20.8	20.9	20.9	20.9	0	22.4
		25	0	19.9	19.7	19.9	19.9	0	20.5	20.8	20.9	20.9	20.9	0	22.4
	16QAM	1	0	19.2	19.1	19.3	19.5	0	20.5	20.4	20.4	20.4	20.4	0	22.4
		1	12	19.2	19.2	19.3	19.3	0	20.5	20.4	20.4	20.4	20.4	0	22.4
		1	24	19.3	19.1	19.2	19.4	0	20.5	20.4	20.6	20.4	20.4	0	22.4
		12	0	19.8	19.7	19.8	19.8	0	20.5	20.8	20.8	20.9	20.8	0	22.4
		12	7	19.8	19.6	19.8	19.8	0	20.5	20.8	20.8	20.8	20.8	0	22.4
		12	13	19.8	19.7	19.9	19.8	0	20.5	20.8	20.8	20.9	20.8	0	22.4
		25	0	19.9	19.7	19.9	19.8	0	20.5	20.8	20.8	20.8	20.9	0	22.4
	64QAM	1	0	19.4	19.1	19.1	19.3	0	20.5	20.4	20.4	20.4	20.4	0	22.4
		1	12	19.2	19.3	19.2	19.3	0	20.5	20.4	20.4	20.4	20.4	0	22.4
		1	24	19.3	19.2	19.2	19.3	0	20.5	20.4	20.4	20.4	20.5	0	22.4
		12	0	19.9	19.9	19.8	19.9	0	20.5	20.8	20.8	20.9	20.9	0	22.4
		12	7	19.9	19.9	19.9	19.9	0	20.5	20.8	20.8	20.9	20.9	0	22.4
		12	13	19.9	19.9	19.9	19.9	0	20.5	20.8	20.9	20.9	20.9	0	22.4
		25	0	19.9	20.0	19.9	19.9	0	20.5	20.8	20.9	20.9	20.9	0	22.4
	256QAM	1	0	18.5	18.5	18.6	18.5	0	20.5	18.7	18.7	18.7	18.7	1.7	20.7
		1	12	18.5	18.5	18.5	18.5	0	20.5	18.7	18.7	18.7	18.7	1.7	20.7
		1	24	18.7	18.5	18.6	18.6	0	20.5	18.7	18.7	18.7	18.7	1.7	20.7
		12	0	19.0	19.0	19.0	19.0	0	20.5	19.0	19.0	19.1	19.2	1.7	20.7
		12	7	19.1	19.0	19.0	19.1	0	20.5	19.0	19.1	19.1	19.2	1.7	20.7
		12	13	19.0	19.0	19.1	19.0	0	20.5	19.0	19.0	19.1	19.1	1.7	20.7
		25	0	19.0	19.1	19.0	19.1	0	20.5	19.1	19.0	19.1	19.1	1.7	20.7

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LTE Band 53 Measured Results (ANT1, Power State 1)

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	19.7	0	20.7	19.7	0	20.7
		1	49	19.6	0	20.7	19.6	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	19.7	0	20.7	19.7	0	20.7
		50	0	19.8	0	20.7	19.8	0	20.7
	16QAM	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	19.4	0	20.7	19.4	0	20.7
		25	0	19.7	0	20.7	19.7	0	20.7
		25	12	19.6	0	20.7	19.6	0	20.7
		25	25	19.6	0	20.7	19.6	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	19.6	0	20.7	19.6	0	20.7
		1	49	19.8	0	20.7	19.8	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	19.7	0	20.7	19.7	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	19.6	0	20.7	19.6	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	19.7	0	20.7	19.7	0	20.7
		50	0	19.8	0	20.7	19.8	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	19.6	0	20.7	19.6	0	20.7
		1	12	19.6	0	20.7	19.6	0	20.7
		1	24	19.6	0	20.7	19.6	0	20.7
		12	0	19.6	0	20.7	19.6	0	20.7
		12	7	19.7	0	20.7	19.7	0	20.7
		12	13	19.7	0	20.7	19.7	0	20.7
		25	0	19.7	0	20.7	19.7	0	20.7
	16QAM	1	0	19.6	0	20.7	19.6	0	20.7
		1	12	19.6	0	20.7	19.6	0	20.7
		1	24	19.5	0	20.7	19.5	0	20.7
		12	0	19.6	0	20.7	19.6	0	20.7
		12	7	19.6	0	20.7	19.6	0	20.7
		12	13	19.6	0	20.7	19.6	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	19.6	0	20.7	19.6	0	20.7
		1	24	19.7	0	20.7	19.7	0	20.7
		12	0	19.6	0	20.7	19.6	0	20.7
		12	7	19.7	0	20.7	19.7	0	20.7
		12	13	19.6	0	20.7	19.6	0	20.7
		25	0	19.7	0	20.7	19.7	0	20.7
	256QAM	1	0	19.6	0	20.7	19.6	0	20.7
		1	12	19.7	0	20.7	19.7	0	20.7
		1	24	19.8	0	20.7	19.8	0	20.7
		12	0	19.6	0	20.7	19.6	0	20.7
		12	7	19.6	0	20.7	19.6	0	20.7
		12	13	19.6	0	20.7	19.6	0	20.7
		25	0	19.7	0	20.7	19.7	0	20.7

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LTE Band 53 Measured Results (ANT1, Power State 1) (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	19.3	19.4	19.4	0	20.7	19.3	19.4	19.4	0	20.7
		1	8	19.5	19.6	19.6	0	20.7	19.5	19.6	19.6	0	20.7
		1	14	19.4	19.4	19.5	0	20.7	19.4	19.4	19.5	0	20.7
		8	0	19.7	19.6	19.6	0	20.7	19.7	19.6	19.6	0	20.7
		8	4	19.7	19.7	19.7	0	20.7	19.7	19.7	19.7	0	20.7
		8	7	19.6	19.6	19.7	0	20.7	19.6	19.6	19.7	0	20.7
		15	0	19.6	19.6	19.7	0	20.7	19.6	19.6	19.7	0	20.7
	16QAM	1	0	19.4	19.5	19.5	0	20.7	19.4	19.5	19.5	0	20.7
		1	8	19.5	19.8	19.7	0	20.7	19.5	19.8	19.7	0	20.7
		1	14	19.4	19.5	19.5	0	20.7	19.4	19.5	19.5	0	20.7
		8	0	19.6	19.6	19.6	0	20.7	19.6	19.6	19.6	0	20.7
		8	4	19.6	19.6	19.6	0	20.7	19.6	19.6	19.6	0	20.7
		8	7	19.6	19.6	19.7	0	20.7	19.6	19.6	19.7	0	20.7
		15	0	19.6	19.6	19.6	0	20.7	19.6	19.6	19.6	0	20.7
	64QAM	1	0	19.4	19.4	19.6	0	20.7	19.4	19.4	19.6	0	20.7
		1	8	19.7	19.6	19.8	0	20.7	19.7	19.6	19.8	0	20.7
		1	14	19.5	19.4	19.6	0	20.7	19.5	19.4	19.6	0	20.7
		8	0	19.6	19.6	19.7	0	20.7	19.6	19.6	19.7	0	20.7
		8	4	19.6	19.7	19.7	0	20.7	19.6	19.7	19.7	0	20.7
		8	7	19.6	19.7	19.7	0	20.7	19.6	19.7	19.7	0	20.7
		15	0	19.6	19.6	19.7	0	20.7	19.6	19.6	19.7	0	20.7
	256QAM	1	0	19.4	19.4	19.5	0	20.7	19.4	19.4	19.5	0	20.7
		1	8	19.6	19.6	19.7	0	20.7	19.6	19.6	19.7	0	20.7
		1	14	19.3	19.3	19.5	0	20.7	19.3	19.3	19.5	0	20.7
		8	0	19.6	19.7	19.7	0	20.7	19.6	19.7	19.7	0	20.7
		8	4	19.6	19.6	19.7	0	20.7	19.6	19.6	19.7	0	20.7
		8	7	19.6	19.6	19.7	0	20.7	19.6	19.6	19.7	0	20.7
		15	0	19.5	19.6	19.6	0	20.7	19.5	19.6	19.6	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	19.3	19.6	19.5	0	20.7	19.3	19.6	19.5	0	20.7
		1	3	19.6	19.7	19.7	0	20.7	19.6	19.7	19.7	0	20.7
		1	5	19.3	19.5	19.5	0	20.7	19.3	19.5	19.5	0	20.7
		3	0	19.5	19.6	19.7	0	20.7	19.5	19.6	19.7	0	20.7
		3	1	19.6	19.7	19.7	0	20.7	19.6	19.7	19.7	0	20.7
		3	3	19.6	19.7	19.7	0	20.7	19.6	19.7	19.7	0	20.7
		6	0	19.5	19.6	19.6	0	20.7	19.5	19.6	19.6	0	20.7
	16QAM	1	0	19.5	19.4	19.5	0	20.7	19.5	19.4	19.5	0	20.7
		1	3	19.5	19.3	19.8	0	20.7	19.5	19.3	19.8	0	20.7
		1	5	19.5	19.6	19.5	0	20.7	19.5	19.6	19.5	0	20.7
		3	0	19.6	19.6	19.7	0	20.7	19.6	19.6	19.7	0	20.7
		3	1	19.7	19.7	19.8	0	20.7	19.7	19.7	19.8	0	20.7
		3	3	19.4	19.4	19.8	0	20.7	19.4	19.4	19.8	0	20.7
		6	0	19.5	19.5	19.6	0	20.7	19.5	19.5	19.6	0	20.7
	64QAM	1	0	19.4	19.2	19.4	0	20.7	19.4	19.2	19.4	0	20.7
		1	3	19.4	19.2	20.0	0	20.7	19.4	19.2	20.0	0	20.7
		1	5	19.4	19.2	19.7	0	20.7	19.4	19.2	19.7	0	20.7
		3	0	19.6	19.3	19.5	0	20.7	19.6	19.3	19.5	0	20.7
		3	1	19.7	19.3	19.8	0	20.7	19.7	19.3	19.8	0	20.7
		3	3	19.7	19.3	19.7	0	20.7	19.7	19.3	19.7	0	20.7
		6	0	19.6	19.1	19.7	0	20.7	19.6	19.1	19.7	0	20.7
	256QAM	1	0	19.6	18.9	19.6	0	20.7	19.6	18.9	19.6	0	20.7
		1	3	19.6	19.4	19.8	0	20.7	19.6	19.4	19.8	0	20.7
		1	5	19.5	19.2	19.5	0	20.7	19.5	19.2	19.5	0	20.7
		3	0	19.3	19.3	19.7	0	20.7	19.3	19.3	19.7	0	20.7
		3	1	19.6	19.3	19.8	0	20.7	19.6	19.3	19.8	0	20.7
		3	3	19.7	19.4	19.9	0	20.7	19.7	19.4	19.9	0	20.7
		6	0	19.6	19.3	19.7	0	20.7	19.6	19.3	19.7	0	20.7

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LTE Band 53 Measured Results (ANT2, Power State 1)

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	19.3	0	20.3	19.9	0	20.7
		1	25	19.2	0	20.3	19.9	0	20.7
		1	49	19.2	0	20.3	19.9	0	20.7
		25	0	19.4	0	20.3	19.8	0	20.7
		25	12	19.5	0	20.3	19.8	0	20.7
		25	25	19.4	0	20.3	19.8	0	20.7
		50	0	19.5	0	20.3	20.0	0	20.7
	16QAM	1	0	19.6	0	20.3	19.4	0	20.7
		1	25	19.6	0	20.3	19.2	0	20.7
		1	49	19.5	0	20.3	19.4	0	20.7
		25	0	19.7	0	20.3	19.8	0	20.7
		25	12	19.7	0	20.3	19.8	0	20.7
		25	25	19.7	0	20.3	19.8	0	20.7
		50	0	19.8	0	20.3	19.8	0	20.7
	64QAM	1	0	19.4	0	20.3	19.4	0	20.7
		1	25	19.4	0	20.3	19.3	0	20.7
		1	49	19.4	0	20.3	19.4	0	20.7
		25	0	19.5	0.1	20.2	19.6	0.5	20.2
		25	12	19.5	0.1	20.2	19.6	0.5	20.2
		25	25	19.5	0.1	20.2	19.7	0.5	20.2
		50	0	19.6	0.1	20.2	19.7	0.5	20.2
	256QAM	1	0	17.3	2.1	18.2	17.2	2.5	18.2
		1	25	17.2	2.1	18.2	17.1	2.5	18.2
		1	49	17.2	2.1	18.2	17.2	2.5	18.2
		25	0	17.7	2.1	18.2	17.6	2.5	18.2
		25	12	17.7	2.1	18.2	17.6	2.5	18.2
		25	25	17.7	2.1	18.2	17.7	2.5	18.2
		50	0	17.8	2.1	18.2	17.7	2.5	18.2

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	19.5	0	20.3	19.3	0	20.7
		1	12	19.7	0	20.3	19.3	0	20.7
		1	24	19.5	0	20.3	19.3	0	20.7
		12	0	19.7	0	20.3	19.8	0	20.7
		12	7	19.7	0	20.3	19.8	0	20.7
		12	13	19.8	0	20.3	19.9	0	20.7
		25	0	19.7	0	20.3	19.8	0	20.7
	16QAM	1	0	19.7	0	20.3	19.5	0	20.7
		1	12	19.6	0	20.3	19.3	0	20.7
		1	24	19.7	0	20.3	19.5	0	20.7
		12	0	19.6	0	20.3	19.7	0	20.7
		12	7	19.7	0	20.3	19.8	0	20.7
		12	13	19.7	0	20.3	19.7	0	20.7
		25	0	19.7	0	20.3	19.8	0	20.7
	64QAM	1	0	19.4	0	20.3	19.4	0	20.7
		1	12	19.3	0	20.3	19.4	0	20.7
		1	24	19.4	0	20.3	19.4	0	20.7
		12	0	19.4	0.1	20.2	19.6	0.5	20.2
		12	7	19.5	0.1	20.2	19.6	0.5	20.2
		12	13	19.6	0.1	20.2	19.6	0.5	20.2
		25	0	19.5	0.1	20.2	19.6	0.5	20.2
	256QAM	1	0	17.3	2.1	18.2	17.1	2.5	18.2
		1	12	17.2	2.1	18.2	17.1	2.5	18.2
		1	24	17.3	2.1	18.2	17.3	2.5	18.2
		12	0	17.6	2.1	18.2	17.5	2.5	18.2
		12	7	17.7	2.1	18.2	17.6	2.5	18.2
		12	13	17.8	2.1	18.2	17.6	2.5	18.2
		25	0	17.7	2.1	18.2	17.6	2.5	18.2

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LTE Band 53 Measured Results (ANT2, Power State 1) (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	19.3	19.3	19.3	0	20.3	19.4	19.2	19.3	0	20.7
		1	8	19.6	19.4	19.3	0	20.3	19.6	19.2	19.2	0	20.7
		1	14	19.4	19.4	19.3	0	20.3	19.2	19.2	19.2	0	20.7
		8	0	19.6	19.6	19.6	0	20.3	19.8	19.7	19.7	0	20.7
		8	4	19.7	19.7	19.6	0	20.3	19.9	19.8	19.7	0	20.7
		8	7	19.6	19.6	19.6	0	20.3	19.8	19.8	19.7	0	20.7
		15	0	19.6	19.6	19.5	0	20.3	19.8	19.7	19.7	0	20.7
	16QAM	1	0	19.4	19.5	19.4	0	20.3	19.3	19.2	19.2	0	20.7
		1	8	19.4	19.5	19.5	0	20.3	19.6	19.4	19.2	0	20.7
		1	14	19.3	19.5	19.3	0	20.3	19.2	19.2	19.2	0	20.7
		8	0	19.6	19.5	19.6	0	20.3	19.7	19.6	19.6	0	20.7
		8	4	19.5	19.6	19.6	0	20.3	19.7	19.7	19.7	0	20.7
		8	7	19.5	19.6	19.6	0	20.3	19.6	19.7	19.7	0	20.7
		15	0	19.6	19.5	19.5	0	20.3	19.7	19.7	19.6	0	20.7
	64QAM	1	0	19.2	19.1	19.3	0	20.3	19.4	19.3	19.2	0	20.7
		1	8	19.2	19.2	19.4	0	20.3	20.0	19.3	19.2	0	20.7
		1	14	19.1	19.2	19.4	0	20.3	19.2	19.2	19.2	0	20.7
		8	0	19.4	19.4	19.4	0.1	20.2	19.5	19.6	19.5	0.5	20.2
		8	4	19.5	19.5	19.5	0.1	20.2	19.5	19.6	19.6	0.5	20.2
		8	7	19.4	19.4	19.4	0.1	20.2	19.5	19.6	19.5	0.5	20.2
		15	0	19.4	19.4	19.4	0.1	20.2	19.5	19.6	19.5	0.5	20.2
	256QAM	1	0	17.0	17.0	17.1	2.1	18.2	16.9	17.0	16.9	2.5	18.2
		1	8	17.2	17.2	17.2	2.1	18.2	17.1	17.2	17.1	2.5	18.2
		1	14	17.0	17.2	17.0	2.1	18.2	16.7	17.0	17.1	2.5	18.2
		8	0	17.7	17.6	17.6	2.1	18.2	17.6	17.5	17.5	2.5	18.2
		8	4	17.6	17.7	17.5	2.1	18.2	17.6	17.5	17.4	2.5	18.2
		8	7	17.6	17.7	17.7	2.1	18.2	17.6	17.5	17.6	2.5	18.2
		15	0	17.6	17.6	17.5	2.1	18.2	17.6	17.5	17.5	2.5	18.2

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	19.2	19.1	19.2	0	20.3	19.2	19.2	19.8	0	20.7
		1	3	19.4	19.4	19.6	0	20.3	19.2	19.2	19.7	0	20.7
		1	5	19.3	19.3	19.3	0	20.3	19.8	19.4	19.4	0	20.7
		3	0	19.5	19.5	19.5	0	20.3	19.7	19.8	19.7	0	20.7
		3	1	19.6	19.6	19.6	0	20.3	19.7	19.8	19.7	0	20.7
		3	3	19.6	19.6	19.6	0	20.3	19.8	19.8	19.8	0	20.7
		6	0	19.5	19.5	19.6	0	20.3	19.7	19.8	19.8	0	20.7
	16QAM	1	0	19.4	19.3	19.4	0	20.3	19.4	19.4	19.4	0	20.7
		1	3	19.1	19.4	19.5	0	20.3	19.3	19.6	19.8	0	20.7
		1	5	19.4	19.2	19.5	0	20.3	19.5	19.5	19.5	0	20.7
		3	0	19.5	19.4	19.5	0	20.3	19.6	19.8	19.8	0	20.7
		3	1	19.6	19.5	19.6	0	20.3	19.9	19.9	19.8	0	20.7
		3	3	19.6	19.3	19.7	0	20.3	19.9	19.9	19.8	0	20.7
		6	0	19.4	19.5	19.6	0	20.3	19.6	19.7	19.8	0	20.7
	64QAM	1	0	19.1	19.0	19.2	0	20.3	19.3	19.2	19.6	0	20.7
		1	3	19.4	19.4	19.1	0	20.3	19.4	19.2	19.8	0	20.7
		1	5	19.4	19.1	19.1	0	20.3	19.5	19.2	19.3	0	20.7
		3	0	19.5	19.4	19.2	0	20.3	19.5	19.7	19.6	0	20.7
		3	1	19.4	19.5	19.3	0	20.3	19.8	19.7	19.7	0	20.7
		3	3	19.6	19.5	19.5	0	20.3	19.7	19.8	19.8	0	20.7
		6	0	19.3	19.4	19.2	0.1	20.2	19.5	19.5	19.6	0.5	20.2
	256QAM	1	0	17.0	16.9	17.0	2.1	18.2	16.9	17.0	16.6	2.5	18.2
		1	3	17.1	17.0	17.3	2.1	18.2	17.1	17.1	17.1	2.5	18.2
		1	5	17.0	17.1	17.1	2.1	18.2	16.9	17.1	16.9	2.5	18.2
		3	0	17.5	17.7	17.5	2.1	18.2	17.3	17.5	17.5	2.5	18.2
		3	1	17.8	17.6	17.6	2.1	18.2	17.4	17.6	17.6	2.5	18.2
		3	3	17.8	17.6	17.6	2.1	18.2	17.7	17.6	17.6	2.5	18.2
		6	0	17.5	17.5	17.6	2.1	18.2	17.4	17.5	17.5	2.5	18.2

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LTE Band 66 Measured Results (ANT1, Power State 1)

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	24.8	24.9	24.7	0	25.7	19.2	19.2	18.8	0	19.6
		1	49	25.0	25.2	24.9	0	25.7	19.4	19.2	18.9	0	19.6
		1	99	24.7	24.8	24.7	0	25.7	19.1	19.0	18.9	0	19.6
		50	0	24.4	24.2	24.3	1	24.7	19.4	19.3	19.0	0	19.6
		50	24	24.3	24.2	24.2	1	24.7	19.4	19.3	18.9	0	19.6
		50	50	24.2	24.2	24.4	1	24.7	19.3	19.3	19.0	0	19.6
		100	0	24.4	24.4	24.3	1	24.7	19.4	19.4	19.3	0	19.6
	16QAM	1	0	24.3	24.3	23.9	1	24.7	19.5	19.6	19.3	0	19.6
		1	49	24.3	24.4	24.1	1	24.7	19.6	19.5	19.5	0	19.6
		1	99	24.2	24.1	23.9	1	24.7	19.4	19.3	19.3	0	19.6
		50	0	23.5	23.4	23.3	2	23.7	19.3	19.2	19.2	0	19.6
		50	24	23.4	23.4	23.2	2	23.7	19.3	19.2	19.2	0	19.6
		50	50	23.4	23.4	23.1	2	23.7	19.3	19.2	19.1	0	19.6
		100	0	23.5	23.5	23.3	2	23.7	19.4	19.2	19.2	0	19.6
	64QAM	1	0	23.1	23.0	22.9	2	23.7	19.6	19.4	19.3	0	19.6
		1	49	23.2	23.1	23.0	2	23.7	19.5	19.4	19.3	0	19.6
		1	99	23.1	22.8	22.9	2	23.7	19.3	19.2	19.1	0	19.6
		50	0	22.5	22.4	22.2	3	22.7	19.3	19.2	19.2	0	19.6
		50	24	22.4	22.4	22.3	3	22.7	19.4	19.2	19.2	0	19.6
		50	50	22.4	22.4	22.2	3	22.7	19.3	19.2	19.1	0	19.6
		100	0	22.5	22.5	22.4	3	22.7	19.4	19.2	19.2	0	19.6
	256QAM	1	0	20.1	20.0	19.9	5	20.7	19.5	19.4	19.3	0	19.6
		1	49	20.1	20.0	20.0	5	20.7	19.6	19.4	19.5	0	19.6
		1	99	20.1	19.8	19.8	5	20.7	19.5	19.2	19.3	0	19.6
		50	0	20.5	20.4	20.3	5	20.7	19.3	19.3	19.2	0	19.6
		50	24	20.4	20.4	20.3	5	20.7	19.4	19.2	19.2	0	19.6
		50	50	20.4	20.4	20.2	5	20.7	19.3	19.2	19.2	0	19.6
		100	0	20.5	20.4	20.3	5	20.7	19.4	19.3	19.3	0	19.6

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	25.1	25.0	25.0	0	25.7	19.4	19.3	19.2	0	19.6
		1	37	25.2	25.0	25.0	0	25.7	19.3	19.3	19.2	0	19.6
		1	74	25.0	24.9	24.9	0	25.7	19.3	19.2	19.2	0	19.6
		36	0	24.6	24.5	24.5	1	24.7	19.4	19.2	19.3	0	19.6
		36	20	24.6	24.5	24.5	1	24.7	19.4	19.2	19.2	0	19.6
		36	39	24.5	24.5	24.5	1	24.7	19.4	19.2	19.2	0	19.6
		75	0	24.6	24.4	24.5	1	24.7	19.4	19.2	19.2	0	19.6
	16QAM	1	0	24.4	24.3	24.3	1	24.7	19.6	19.5	19.6	0	19.6
		1	37	24.5	24.3	24.3	1	24.7	19.6	19.5	19.5	0	19.6
		1	74	24.3	24.2	24.2	1	24.7	19.5	19.4	19.5	0	19.6
		36	0	23.6	23.5	23.5	2	23.7	19.4	19.2	19.3	0	19.6
		36	20	23.6	23.4	23.4	2	23.7	19.3	19.2	19.1	0	19.6
		36	39	23.5	23.4	23.4	2	23.7	19.4	19.2	19.1	0	19.6
		75	0	23.6	23.4	23.4	2	23.7	19.3	19.2	19.2	0	19.6
	64QAM	1	0	23.3	23.1	23.2	2	23.7	19.6	19.5	19.5	0	19.6
		1	37	23.1	23.1	23.1	2	23.7	19.5	19.4	19.4	0	19.6
		1	74	23.1	23.1	23.1	2	23.7	19.5	19.3	19.4	0	19.6
		36	0	22.5	22.4	22.4	3	22.7	19.4	19.2	19.3	0	19.6
		36	20	22.5	22.4	22.4	3	22.7	19.4	19.2	19.2	0	19.6
		36	39	22.5	22.4	22.4	3	22.7	19.4	19.2	19.2	0	19.6
		75	0	22.5	22.4	22.4	3	22.7	19.4	19.2	19.2	0	19.6
	256QAM	1	0	20.2	20.1	20.1	5	20.7	19.6	19.5	19.5	0	19.6
		1	37	20.1	20.1	20.0	5	20.7	19.5	19.4	19.4	0	19.6
		1	74	20.1	20.0	19.9	5	20.7	19.5	19.4	19.3	0	19.6
		36	0	20.5	20.4	20.4	5	20.7	19.4	19.2	19.3	0	19.6
		36	20	20.5	20.4	20.4	5	20.7	19.3	19.2	19.2	0	19.6
		36	39	20.5	20.4	20.3	5	20.7	19.4	19.2	19.2	0	19.6
		75	0	20.5	20.4	20.4	5	20.7	19.4	19.3	19.2	0	19.6

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LTE Band 66 Measured Results (ANT1, Power State 1) (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	25.2	25.0	25.0	0	25.7	19.4	19.3	19.4	0	19.6
		1	25	25.2	25.0	25.1	0	25.7	19.5	19.3	19.3	0	19.6
		1	49	25.1	25.0	25.0	0	25.7	19.5	19.2	19.2	0	19.6
		25	0	24.7	24.5	24.5	1	24.7	19.5	19.3	19.3	0	19.6
		25	12	24.7	24.5	24.5	1	24.7	19.5	19.3	19.2	0	19.6
		25	25	24.6	24.5	24.4	1	24.7	19.4	19.3	19.2	0	19.6
		50	0	24.7	24.6	24.6	1	24.7	19.4	19.3	19.3	0	19.6
	16QAM	1	0	24.4	24.4	24.2	1	24.7	19.6	19.5	19.5	0	19.6
		1	25	24.5	24.4	24.3	1	24.7	19.6	19.5	19.5	0	19.6
		1	49	24.4	24.3	24.2	1	24.7	19.6	19.4	19.4	0	19.6
		25	0	23.6	23.5	23.4	2	23.7	19.4	19.3	19.2	0	19.6
		25	12	23.5	23.5	23.4	2	23.7	19.4	19.2	19.1	0	19.6
		25	25	23.5	23.5	23.3	2	23.7	19.4	19.2	19.2	0	19.6
		50	0	23.6	23.5	23.5	2	23.7	19.4	19.3	19.2	0	19.6
	64QAM	1	0	23.2	23.2	23.1	2	23.7	19.6	19.5	19.6	0	19.6
		1	25	23.3	23.2	23.2	2	23.7	19.6	19.5	19.4	0	19.6
		1	49	23.3	23.2	23.2	2	23.7	19.6	19.3	19.4	0	19.6
		25	0	22.6	22.5	22.5	3	22.7	19.4	19.3	19.2	0	19.6
		25	12	22.6	22.5	22.5	3	22.7	19.4	19.2	19.2	0	19.6
		25	25	22.6	22.5	22.4	3	22.7	19.4	19.2	19.2	0	19.6
		50	0	22.6	22.5	22.5	3	22.7	19.4	19.3	19.2	0	19.6
	256QAM	1	0	20.3	20.3	20.2	5	20.7	19.6	19.5	19.5	0	19.6
		1	25	20.2	20.2	20.1	5	20.7	19.6	19.4	19.4	0	19.6
		1	49	20.3	20.1	20.2	5	20.7	19.6	19.4	19.4	0	19.6
		25	0	20.6	20.5	20.5	5	20.7	19.4	19.3	19.2	0	19.6
		25	12	20.6	20.5	20.5	5	20.7	19.4	19.2	19.2	0	19.6
		25	25	20.6	20.5	20.4	5	20.7	19.4	19.2	19.2	0	19.6
		50	0	20.6	20.5	20.5	5	20.7	19.5	19.3	19.2	0	19.6

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	25.2	25.1	25.0	0	25.7	19.5	19.3	19.3	0	19.6
		1	12	25.2	25.0	24.9	0	25.7	19.4	19.3	19.3	0	19.6
		1	24	25.2	25.0	25.0	0	25.7	19.5	19.3	19.3	0	19.6
		12	0	24.7	24.5	24.4	1	24.7	19.5	19.3	19.3	0	19.6
		12	7	24.6	24.5	24.4	1	24.7	19.5	19.3	19.3	0	19.6
		12	13	24.6	24.5	24.5	1	24.7	19.5	19.3	19.2	0	19.6
		25	0	24.7	24.5	24.4	1	24.7	19.5	19.4	19.3	0	19.6
	16QAM	1	0	24.5	24.4	24.3	1	24.7	19.6	19.6	19.6	0	19.6
		1	12	24.4	24.3	24.3	1	24.7	19.6	19.6	19.6	0	19.6
		1	24	24.4	24.3	24.4	1	24.7	19.6	19.6	19.6	0	19.6
		12	0	23.6	23.5	23.4	2	23.7	19.4	19.3	19.3	0	19.6
		12	7	23.6	23.5	23.4	2	23.7	19.4	19.2	19.2	0	19.6
		12	13	23.6	23.5	23.5	2	23.7	19.4	19.2	19.3	0	19.6
		25	0	23.6	23.5	23.4	2	23.7	19.4	19.2	19.2	0	19.6
	64QAM	1	0	23.3	23.3	23.1	2	23.7	19.6	19.5	19.4	0	19.6
		1	12	23.3	23.2	23.1	2	23.7	19.6	19.5	19.4	0	19.6
		1	24	23.4	23.2	23.1	2	23.7	19.6	19.4	19.4	0	19.6
		12	0	22.6	22.5	22.4	3	22.7	19.4	19.2	19.2	0	19.6
		12	7	22.6	22.5	22.4	3	22.7	19.4	19.2	19.2	0	19.6
		12	13	22.6	22.5	22.5	3	22.7	19.4	19.2	19.2	0	19.6
		25	0	22.6	22.5	22.4	3	22.7	19.4	19.2	19.2	0	19.6
	256QAM	1	0	20.2	20.2	20.1	5	20.7	19.6	19.4	19.4	0	19.6
		1	12	20.2	20.2	20.0	5	20.7	19.5	19.4	19.3	0	19.6
		1	24	20.2	20.1	20.1	5	20.7	19.5	19.4	19.4	0	19.6
		12	0	20.6	20.5	20.4	5	20.7	19.4	19.3	19.2	0	19.6
		12	7	20.6	20.5	20.4	5	20.7	19.4	19.3	19.2	0	19.6
		12	13	20.6	20.5	20.5	5	20.7	19.4	19.2	19.2	0	19.6
		25	0	20.6	20.5	20.4	5	20.7	19.4	19.3	19.2	0	19.6

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LTE Band 66 Measured Results (ANT1, Power State 1) (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	24.9	24.9	24.8	0	25.7	19.3	19.1	19.1	0	19.6
		1	8	25.1	25.0	24.9	0	25.7	19.5	19.3	19.2	0	19.6
		1	14	24.9	24.8	24.7	0	25.7	19.2	19.1	19.0	0	19.6
		8	0	24.5	24.4	24.3	1	24.7	19.4	19.3	19.1	0	19.6
		8	4	24.5	24.4	24.3	1	24.7	19.4	19.3	19.2	0	19.6
		8	7	24.5	24.4	24.3	1	24.7	19.4	19.3	19.2	0	19.6
		15	0	24.5	24.3	24.3	1	24.7	19.3	19.2	19.1	0	19.6
	16QAM	1	0	24.2	24.0	24.0	1	24.7	19.5	19.3	19.4	0	19.6
		1	8	24.4	24.2	24.1	1	24.7	19.6	19.6	19.6	0	19.6
		1	14	24.2	24.0	23.9	1	24.7	19.6	19.3	19.4	0	19.6
		8	0	23.4	23.3	23.2	2	23.7	19.3	19.2	19.1	0	19.6
		8	4	23.5	23.4	23.3	2	23.7	19.4	19.2	19.2	0	19.6
		8	7	23.5	23.4	23.3	2	23.7	19.4	19.2	19.2	0	19.6
		15	0	23.5	23.3	23.2	2	23.7	19.3	19.1	19.1	0	19.6
	64QAM	1	0	23.1	22.9	22.9	2	23.7	19.4	19.3	19.3	0	19.6
		1	8	23.3	23.1	23.1	2	23.7	19.5	19.5	19.4	0	19.6
		1	14	23.1	22.9	22.9	2	23.7	19.4	19.3	19.3	0	19.6
		8	0	22.5	22.3	22.3	3	22.7	19.4	19.2	19.2	0	19.6
		8	4	22.5	22.3	22.3	3	22.7	19.4	19.2	19.2	0	19.6
		8	7	22.5	22.3	22.3	3	22.7	19.4	19.2	19.2	0	19.6
		15	0	22.5	22.3	22.3	3	22.7	19.3	19.2	19.2	0	19.6
	256QAM	1	0	20.0	19.9	19.8	5	20.7	19.4	19.2	19.3	0	19.6
		1	8	20.2	20.0	20.0	5	20.7	19.6	19.4	19.5	0	19.6
		1	14	20.0	19.9	19.8	5	20.7	19.4	19.2	19.2	0	19.6
		8	0	20.5	20.3	20.3	5	20.7	19.3	19.2	19.1	0	19.6
		8	4	20.5	20.3	20.3	5	20.7	19.4	19.2	19.2	0	19.6
		8	7	20.5	20.3	20.3	5	20.7	19.4	19.2	19.2	0	19.6
		15	0	20.5	20.3	20.2	5	20.7	19.3	19.2	19.2	0	19.6

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	24.9	24.8	24.7	0	25.7	19.3	19.1	19.1	0	19.6
		1	3	25.1	24.9	24.9	0	25.7	19.5	19.3	19.2	0	19.6
		1	5	24.9	24.8	24.7	0	25.7	19.3	19.1	19.1	0	19.6
		3	0	25.4	25.3	25.2	0	25.7	19.4	19.2	19.1	0	19.6
		3	1	25.5	25.3	25.3	0	25.7	19.4	19.3	19.1	0	19.6
		3	3	25.4	25.4	25.3	0	25.7	19.4	19.3	19.1	0	19.6
		6	0	24.4	24.3	24.3	1	24.7	19.4	19.3	19.1	0	19.6
	16QAM	1	0	24.0	24.0	23.9	1	24.7	19.6	19.4	19.2	0	19.6
		1	3	24.2	24.2	24.1	1	24.7	19.6	19.5	19.4	0	19.6
		1	5	24.1	24.0	24.0	1	24.7	19.6	19.3	19.2	0	19.6
		3	0	24.6	24.4	24.4	1	24.7	19.4	19.3	19.2	0	19.6
		3	1	24.6	24.5	24.5	1	24.7	19.5	19.3	19.3	0	19.6
		3	3	24.6	24.5	24.5	1	24.7	19.5	19.3	19.3	0	19.6
		6	0	23.4	23.2	23.3	2	23.7	19.3	19.2	19.1	0	19.6
	64QAM	1	0	23.0	22.9	22.8	2	23.7	19.4	19.2	19.2	0	19.6
		1	3	23.2	23.1	23.0	2	23.7	19.6	19.4	19.5	0	19.6
		1	5	23.0	22.8	22.8	2	23.7	19.4	19.2	19.2	0	19.6
		3	0	23.5	23.4	23.2	2	23.7	19.4	19.3	19.2	0	19.6
		3	1	23.6	23.4	23.3	2	23.7	19.4	19.4	19.3	0	19.6
		3	3	23.6	23.5	23.3	2	23.7	19.5	19.4	19.3	0	19.6
		6	0	22.4	22.3	22.2	3	22.7	19.3	19.2	19.1	0	19.6
	256QAM	1	0	19.9	19.8	19.8	5	20.7	19.3	19.2	19.1	0	19.6
		1	3	20.1	20.0	20.0	5	20.7	19.6	19.4	19.3	0	19.6
		1	5	19.9	19.7	19.8	5	20.7	19.3	19.1	19.2	0	19.6
		3	0	20.5	20.3	20.3	5	20.7	19.4	19.2	19.2	0	19.6
		3	1	20.6	20.4	20.3	5	20.7	19.4	19.2	19.2	0	19.6
		3	3	20.6	20.4	20.4	5	20.7	19.4	19.2	19.2	0	19.6
		6	0	20.4	20.3	20.2	5	20.7	19.3	19.2	19.1	0	19.6

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LTE Band 66 Measured Results (ANT2, Power State 1)

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	18.7	18.6	18.8	0	20.0	17.5	17.5	17.6	0	19.4
		1	49	19.0	18.9	18.9	0	20.0	17.9	17.7	17.7	0	19.4
		1	99	18.7	18.8	18.7	0	20.0	17.6	17.7	17.6	0	19.4
		50	0	18.9	18.8	18.9	0	20.0	17.7	17.6	17.8	0	19.4
		50	24	19.0	18.8	18.9	0	20.0	17.9	17.7	17.7	0	19.4
		50	50	19.0	18.8	18.9	0	20.0	17.8	17.7	17.8	0	19.4
		100	0	19.1	18.9	19.0	0	20.0	17.9	17.8	17.8	0	19.4
	16QAM	1	0	18.6	18.6	18.5	0	20.0	17.8	17.8	17.6	0	19.4
		1	49	18.8	18.8	18.8	0	20.0	17.9	17.9	17.8	0	19.4
		1	99	18.6	18.6	18.4	0	20.0	17.7	17.9	17.5	0	19.4
		50	0	18.5	18.3	18.3	0	20.0	17.6	17.5	17.5	0	19.4
		50	24	18.5	18.4	18.3	0	20.0	17.6	17.5	17.5	0	19.4
		50	50	18.5	18.3	18.3	0	20.0	17.6	17.5	17.4	0	19.4
		100	0	18.5	18.4	18.4	0	20.0	17.7	17.6	17.5	0	19.4
	64QAM	1	0	18.5	18.6	18.4	0	20.0	17.6	17.7	17.4	0	19.4
		1	49	18.7	18.7	18.5	0	20.0	17.8	17.7	17.6	0	19.4
		1	99	18.5	18.5	18.2	0	20.0	17.6	17.6	17.4	0	19.4
		50	0	18.4	18.3	18.3	0	20.0	17.6	17.5	17.5	0	19.4
		50	24	18.5	18.4	18.3	0	20.0	17.6	17.5	17.5	0	19.4
		50	50	18.5	18.4	18.3	0	20.0	17.6	17.5	17.4	0	19.4
		100	0	18.5	18.4	18.4	0	20.0	17.7	17.6	17.5	0	19.4
	256QAM	1	0	18.6	18.7	18.4	0	20.0	17.8	17.7	17.7	0	19.4
		1	49	18.8	18.6	18.6	0	20.0	17.9	17.7	17.7	0	19.4
		1	99	18.6	18.6	18.3	0	20.0	17.7	17.6	17.5	0	19.4
		50	0	18.5	18.3	18.4	0	20.0	17.6	17.5	17.5	0	19.4
		50	24	18.5	18.4	18.3	0	20.0	17.6	17.5	17.5	0	19.4
		50	50	18.5	18.4	18.3	0	20.0	17.6	17.5	17.4	0	19.4
		100	0	18.6	18.4	18.4	0	20.0	17.7	17.6	17.5	0	19.4

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	18.5	18.4	18.4	0	20.0	17.6	17.5	17.5	0	19.4
		1	37	18.5	18.4	18.5	0	20.0	17.6	17.6	17.6	0	19.4
		1	74	18.5	18.4	18.3	0	20.0	17.6	17.5	17.4	0	19.4
		36	0	18.6	18.4	18.4	0	20.0	17.7	17.5	17.6	0	19.4
		36	20	18.5	18.5	18.4	0	20.0	17.6	17.6	17.6	0	19.4
		36	39	18.6	18.5	18.3	0	20.0	17.7	17.5	17.5	0	19.4
		75	0	18.5	18.5	18.4	0	20.0	17.6	17.6	17.6	0	19.4
	16QAM	1	0	18.8	18.8	18.7	0	20.0	17.8	17.9	17.9	0	19.4
		1	37	18.8	18.8	18.7	0	20.0	17.8	17.8	17.9	0	19.4
		1	74	18.9	18.7	18.4	0	20.0	17.8	17.9	17.6	0	19.4
		36	0	18.5	18.4	18.4	0	20.0	17.6	17.5	17.5	0	19.4
		36	20	18.4	18.5	18.4	0	20.0	17.6	17.6	17.6	0	19.4
		36	39	18.5	18.4	18.3	0	20.0	17.7	17.6	17.5	0	19.4
		75	0	18.4	18.5	18.4	0	20.0	17.6	17.6	17.6	0	19.4
	64QAM	1	0	18.7	18.6	18.6	0	20.0	17.8	17.7	17.5	0	19.4
		1	37	18.7	18.6	18.5	0	20.0	17.8	17.7	17.5	0	19.4
		1	74	18.7	18.6	18.4	0	20.0	17.8	17.8	17.4	0	19.4
		36	0	18.6	18.4	18.4	0	20.0	17.6	17.5	17.5	0	19.4
		36	20	18.5	18.4	18.4	0	20.0	17.6	17.6	17.5	0	19.4
		36	39	18.5	18.4	18.3	0	20.0	17.7	17.5	17.5	0	19.4
		75	0	18.5	18.4	18.5	0	20.0	17.6	17.6	17.6	0	19.4
	256QAM	1	0	18.8	18.6	18.7	0	20.0	17.9	17.8	17.6	0	19.4
		1	37	18.7	18.7	18.7	0	20.0	17.8	17.7	17.6	0	19.4
		1	74	18.8	18.6	18.5	0	20.0	17.9	17.7	17.5	0	19.4
		36	0	18.5	18.4	18.4	0	20.0	17.7	17.5	17.5	0	19.4
		36	20	18.5	18.4	18.5	0	20.0	17.6	17.5	17.5	0	19.4
		36	39	18.5	18.4	18.3	0	20.0	17.7	17.5	17.4	0	19.4
		75	0	18.5	18.5	18.5	0	20.0	17.6	17.5	17.5	0	19.4

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LTE Band 66 Measured Results (ANT2, Power State 1) (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	18.6	18.4	18.5	0	20.0	17.7	17.6	17.6	0	19.4
		1	25	18.6	18.5	18.4	0	20.0	17.7	17.6	17.6	0	19.4
		1	49	18.6	18.4	18.3	0	20.0	17.7	17.6	17.5	0	19.4
		25	0	18.6	18.5	18.5	0	20.0	17.7	17.7	17.6	0	19.4
		25	12	18.6	18.5	18.4	0	20.0	17.7	17.6	17.5	0	19.4
		25	25	18.6	18.5	18.4	0	20.0	17.7	17.6	17.5	0	19.4
		50	0	18.6	18.6	18.5	0	20.0	17.7	17.7	17.6	0	19.4
	16QAM	1	0	19.0	18.8	18.7	0	20.0	17.9	17.9	17.9	0	19.4
		1	25	18.9	18.8	18.7	0	20.0	17.9	17.9	17.8	0	19.4
		1	49	19.0	18.8	18.5	0	20.0	17.9	17.8	17.7	0	19.4
		25	0	18.6	18.5	18.5	0	20.0	17.7	17.6	17.6	0	19.4
		25	12	18.6	18.5	18.4	0	20.0	17.7	17.6	17.5	0	19.4
		25	25	18.6	18.5	18.3	0	20.0	17.7	17.6	17.4	0	19.4
		50	0	18.6	18.5	18.5	0	20.0	17.7	17.6	17.6	0	19.4
	64QAM	1	0	18.8	18.7	18.7	0	20.0	17.9	17.8	17.8	0	19.4
		1	25	18.8	18.7	18.6	0	20.0	17.9	17.8	17.7	0	19.4
		1	49	18.9	18.7	18.4	0	20.0	17.9	17.8	17.7	0	19.4
		25	0	18.6	18.5	18.5	0	20.0	17.7	17.6	17.6	0	19.4
		25	12	18.6	18.5	18.4	0	20.0	17.7	17.6	17.5	0	19.4
		25	25	18.6	18.5	18.4	0	20.0	17.7	17.6	17.5	0	19.4
		50	0	18.6	18.6	18.5	0	20.0	17.7	17.6	17.6	0	19.4
	256QAM	1	0	18.9	18.7	18.6	0	20.0	17.9	17.8	17.8	0	19.4
		1	25	18.8	18.8	18.6	0	20.0	17.9	17.7	17.7	0	19.4
		1	49	18.9	18.7	18.6	0	20.0	17.9	17.8	17.6	0	19.4
		25	0	18.6	18.6	18.5	0	20.0	17.7	17.6	17.6	0	19.4
		25	12	18.6	18.5	18.4	0	20.0	17.7	17.6	17.5	0	19.4
		25	25	18.6	18.5	18.4	0	20.0	17.7	17.6	17.4	0	19.4
		50	0	18.6	18.6	18.5	0	20.0	17.7	17.7	17.6	0	19.4

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	18.6	18.5	18.4	0	20.0	17.8	17.6	17.5	0	19.4
		1	12	18.5	18.4	18.3	0	20.0	17.7	17.6	17.5	0	19.4
		1	24	18.6	18.5	18.3	0	20.0	17.7	17.6	17.5	0	19.4
		12	0	18.6	18.5	18.4	0	20.0	17.7	17.6	17.5	0	19.4
		12	7	18.6	18.5	18.3	0	20.0	17.7	17.6	17.5	0	19.4
		12	13	18.5	18.5	18.3	0	20.0	17.7	17.6	17.5	0	19.4
		25	0	18.6	18.5	18.4	0	20.0	17.7	17.6	17.5	0	19.4
	16QAM	1	0	19.0	18.8	18.7	0	20.0	18.1	17.9	17.9	0	19.4
		1	12	19.0	18.8	18.6	0	20.0	18.1	17.9	17.8	0	19.4
		1	24	19.0	18.8	18.6	0	20.0	18.1	18.0	17.8	0	19.4
		12	0	18.6	18.5	18.3	0	20.0	17.7	17.7	17.5	0	19.4
		12	7	18.6	18.5	18.3	0	20.0	17.7	17.6	17.5	0	19.4
		12	13	18.6	18.5	18.3	0	20.0	17.7	17.6	17.4	0	19.4
		25	0	18.6	18.5	18.3	0	20.0	17.7	17.6	17.4	0	19.4
	64QAM	1	0	18.8	18.7	18.5	0	20.0	17.8	17.8	17.6	0	19.4
		1	12	18.8	18.6	18.5	0	20.0	17.8	17.8	17.6	0	19.4
		1	24	18.8	18.7	18.5	0	20.0	17.8	17.9	17.6	0	19.4
		12	0	18.6	18.5	18.3	0	20.0	17.7	17.6	17.5	0	19.4
		12	7	18.6	18.5	18.3	0	20.0	17.7	17.6	17.4	0	19.4
		12	13	18.6	18.5	18.3	0	20.0	17.7	17.6	17.4	0	19.4
		25	0	18.6	18.5	18.4	0	20.0	17.7	17.6	17.4	0	19.4
	256QAM	1	0	18.7	18.7	18.5	0	20.0	17.9	17.8	17.6	0	19.4
		1	12	18.7	18.7	18.5	0	20.0	17.9	17.7	17.6	0	19.4
		1	24	18.7	18.7	18.5	0	20.0	17.8	17.8	17.7	0	19.4
		12	0	18.6	18.5	18.4	0	20.0	17.7	17.6	17.4	0	19.4
		12	7	18.6	18.5	18.4	0	20.0	17.7	17.6	17.4	0	19.4
		12	13	18.6	18.5	18.4	0	20.0	17.7	17.6	17.4	0	19.4
		25	0	18.6	18.5	18.4	0	20.0	17.7	17.6	17.4	0	19.4

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LTE Band 66 Measured Results (ANT2, Power State 1) (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	18.4	18.3	18.2	0	20.0	17.6	17.5	17.4	0	19.4
		1	8	18.6	18.4	18.4	0	20.0	17.7	17.7	17.5	0	19.4
		1	14	18.4	18.3	18.2	0	20.0	17.5	17.5	17.4	0	19.4
		8	0	18.5	18.4	18.3	0	20.0	17.6	17.6	17.4	0	19.4
		8	4	18.5	18.5	18.3	0	20.0	17.7	17.6	17.5	0	19.4
		8	7	18.5	18.5	18.3	0	20.0	17.7	17.6	17.5	0	19.4
		15	0	18.5	18.4	18.3	0	20.0	17.6	17.6	17.4	0	19.4
	16QAM	1	0	18.7	18.7	18.4	0	20.0	17.9	17.7	17.6	0	19.4
		1	8	18.8	18.9	18.6	0	20.0	18.1	17.8	17.7	0	19.4
		1	14	18.6	18.6	18.4	0	20.0	17.9	17.6	17.6	0	19.4
		8	0	18.5	18.4	18.3	0	20.0	17.7	17.5	17.4	0	19.4
		8	4	18.5	18.5	18.3	0	20.0	17.7	17.6	17.5	0	19.4
		8	7	18.5	18.5	18.3	0	20.0	17.7	17.5	17.5	0	19.4
		15	0	18.5	18.4	18.3	0	20.0	17.6	17.5	17.4	0	19.4
	64QAM	1	0	18.5	18.5	18.3	0	20.0	17.7	17.6	17.4	0	19.4
		1	8	18.8	18.6	18.5	0	20.0	17.8	17.8	17.6	0	19.4
		1	14	18.5	18.5	18.3	0	20.0	17.6	17.6	17.5	0	19.4
		8	0	18.5	18.5	18.3	0	20.0	17.6	17.5	17.4	0	19.4
		8	4	18.6	18.5	18.3	0	20.0	17.6	17.6	17.4	0	19.4
		8	7	18.6	18.5	18.3	0	20.0	17.6	17.5	17.4	0	19.4
		15	0	18.5	18.4	18.2	0	20.0	17.6	17.5	17.4	0	19.4
	256QAM	1	0	18.6	18.5	18.3	0	20.0	17.7	17.6	17.4	0	19.4
		1	8	18.8	18.7	18.5	0	20.0	17.8	17.8	17.6	0	19.4
		1	14	18.6	18.5	18.3	0	20.0	17.6	17.6	17.4	0	19.4
		8	0	18.5	18.4	18.3	0	20.0	17.6	17.6	17.4	0	19.4
		8	4	18.6	18.5	18.3	0	20.0	17.6	17.6	17.4	0	19.4
		8	7	18.6	18.5	18.3	0	20.0	17.6	17.6	17.4	0	19.4
		15	0	18.5	18.4	18.3	0	20.0	17.6	17.5	17.4	0	19.4

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	18.3	18.3	18.1	0	20.0	17.5	17.5	17.4	0	19.4
		1	3	18.5	18.5	18.3	0	20.0	17.7	17.7	17.5	0	19.4
		1	5	18.3	18.3	18.1	0	20.0	17.5	17.5	17.4	0	19.4
		3	0	18.4	18.3	18.2	0	20.0	17.6	17.5	17.4	0	19.4
		3	1	18.5	18.4	18.3	0	20.0	17.7	17.6	17.4	0	19.4
		3	3	18.5	18.4	18.3	0	20.0	17.7	17.6	17.4	0	19.4
		6	0	18.5	18.4	18.2	0	20.0	17.6	17.5	17.4	0	19.4
	16QAM	1	0	18.6	18.6	18.4	0	20.0	17.9	17.7	17.5	0	19.4
		1	3	18.8	18.7	18.6	0	20.0	18.1	17.9	17.7	0	19.4
		1	5	18.6	18.5	18.4	0	20.0	17.9	17.7	17.5	0	19.4
		3	0	18.6	18.5	18.4	0	20.0	17.7	17.7	17.5	0	19.4
		3	1	18.7	18.6	18.4	0	20.0	17.8	17.7	17.5	0	19.4
		3	3	18.6	18.6	18.4	0	20.0	17.8	17.7	17.5	0	19.4
		6	0	18.5	18.4	18.3	0	20.0	17.6	17.6	17.4	0	19.4
	64QAM	1	0	18.5	18.4	18.2	0	20.0	17.7	17.5	17.4	0	19.4
		1	3	18.7	18.6	18.4	0	20.0	17.9	17.7	17.6	0	19.4
		1	5	18.5	18.5	18.2	0	20.0	17.6	17.6	17.4	0	19.4
		3	0	18.6	18.5	18.2	0	20.0	17.7	17.6	17.4	0	19.4
		3	1	18.7	18.6	18.3	0	20.0	17.7	17.7	17.5	0	19.4
		3	3	18.7	18.6	18.3	0	20.0	17.7	17.6	17.5	0	19.4
		6	0	18.5	18.4	18.2	0	20.0	17.6	17.5	17.4	0	19.4
	256QAM	1	0	18.6	18.4	18.2	0	20.0	17.6	17.5	17.4	0	19.4
		1	3	18.7	18.6	18.4	0	20.0	17.9	17.8	17.6	0	19.4
		1	5	18.5	18.4	18.3	0	20.0	17.6	17.5	17.4	0	19.4
		3	0	18.5	18.4	18.3	0	20.0	17.7	17.6	17.5	0	19.4
		3	1	18.6	18.5	18.3	0	20.0	17.7	17.6	17.5	0	19.4
		3	3	18.6	18.5	18.3	0	20.0	17.7	17.6	17.5	0	19.4
		6	0	18.5	18.4	18.2	0	20.0	17.6	17.5	17.4	0	19.4

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LTE Band 66 Measured Results (ANT3, Power State 1)

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	23.1	23.0	22.8	0	24.2	20.7	20.7	20.7	0	22.1
		1	49	23.2	23.1	22.9	0	24.2	20.8	20.8	20.8	0	22.1
		1	99	22.9	22.9	22.6	0	24.2	20.8	20.7	20.5	0	22.1
		50	0	23.1	23.0	22.9	0	24.2	20.9	20.8	20.8	0	22.1
		50	24	23.1	23.0	22.9	0	24.2	20.8	20.9	20.8	0	22.1
		50	50	23.0	23.0	22.8	0	24.2	20.9	20.9	20.7	0	22.1
		100	0	23.2	23.1	23.0	0	24.2	20.9	20.9	20.9	0	22.1
	16QAM	1	0	23.5	23.7	23.6	0	24.2	21.1	21.0	21.0	0	22.1
		1	49	23.7	23.9	23.7	0	24.2	21.1	21.3	21.0	0	22.1
		1	99	23.6	23.6	23.4	0	24.2	21.0	21.1	20.6	0	22.1
		50	0	22.8	22.9	22.8	1	23.2	20.9	20.8	20.8	0	22.1
		50	24	22.7	23.0	22.8	1	23.2	20.8	20.8	20.7	0	22.1
		50	50	22.8	22.9	22.6	1	23.2	20.7	20.8	20.6	0	22.1
		100	0	22.8	23.0	22.9	1	23.2	20.8	20.9	20.8	0	22.1
	64QAM	1	0	22.8	22.8	22.7	1	23.2	21.0	21.0	21.0	0	22.1
		1	49	22.7	23.0	22.7	1	23.2	20.9	21.2	21.0	0	22.1
		1	99	22.7	22.8	22.5	1	23.2	20.9	21.1	20.6	0	22.1
		50	0	22.0	22.1	22.1	2	22.2	20.9	20.9	20.8	0	22.1
		50	24	21.9	22.1	22.0	2	22.2	20.8	20.9	20.8	0	22.1
		50	50	22.0	22.1	21.8	2	22.2	20.7	20.9	20.6	0	22.1
		100	0	22.0	22.2	22.1	2	22.2	20.9	20.9	20.9	0	22.1
	256QAM	1	0	19.7	19.6	19.6	4	20.2	19.3	19.2	19.2	1.9	20.2
		1	49	19.7	19.8	19.6	4	20.2	19.3	19.4	19.2	1.9	20.2
		1	99	19.8	19.7	19.4	4	20.2	19.3	19.3	18.7	1.9	20.2
		50	0	20.0	20.1	20.0	4	20.2	19.7	19.6	19.6	1.9	20.2
		50	24	19.9	20.1	20.0	4	20.2	19.6	19.7	19.6	1.9	20.2
		50	50	20.0	20.1	19.8	4	20.2	19.5	19.7	19.4	1.9	20.2
		100	0	20.0	20.2	20.1	4	20.2	19.6	19.8	19.7	1.9	20.2

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	23.4	23.5	23.4	0	24.2	21.0	20.9	20.9	0	22.1
		1	37	23.4	23.5	23.3	0	24.2	21.0	21.0	20.8	0	22.1
		1	74	23.4	23.4	23.3	0	24.2	20.8	20.9	20.6	0	22.1
		36	0	23.4	23.5	23.4	0	24.2	21.0	20.9	20.9	0	22.1
		36	20	23.4	23.5	23.3	0	24.2	20.9	21.0	20.8	0	22.1
		36	39	23.3	23.4	23.2	0	24.2	20.8	21.0	20.7	0	22.1
		75	0	23.4	23.5	23.3	0	24.2	21.0	21.0	20.8	0	22.1
	16QAM	1	0	23.7	23.8	23.9	0	24.2	21.3	21.2	21.1	0	22.1
		1	37	23.7	23.8	23.7	0	24.2	21.3	21.3	20.9	0	22.1
		1	74	23.7	23.8	23.7	0	24.2	21.1	21.2	20.7	0	22.1
		36	0	22.9	23.0	22.9	1	23.2	20.9	20.9	20.8	0	22.1
		36	20	22.9	23.0	22.8	1	23.2	20.9	20.9	20.7	0	22.1
		36	39	22.8	22.9	22.6	1	23.2	20.8	20.9	20.6	0	22.1
		75	0	22.9	23.0	22.7	1	23.2	20.9	20.9	20.7	0	22.1
	64QAM	1	0	22.9	22.8	22.8	1	23.2	21.3	21.2	20.9	0	22.1
		1	37	22.8	22.8	22.6	1	23.2	21.2	21.0	20.8	0	22.1
		1	74	22.8	22.8	22.6	1	23.2	21.1	21.0	20.7	0	22.1
		36	0	22.1	22.1	22.0	2	22.2	20.9	20.9	20.8	0	22.1
		36	20	22.0	22.1	21.9	2	22.2	20.9	20.9	20.7	0	22.1
		36	39	22.0	22.1	21.8	2	22.2	20.8	20.9	20.6	0	22.1
		75	0	22.1	22.2	22.0	2	22.2	20.9	20.9	20.8	0	22.1
	256QAM	1	0	19.7	19.8	19.7	4	20.2	19.4	19.4	19.3	1.9	20.2
		1	37	19.6	19.8	19.5	4	20.2	19.4	19.4	19.1	1.9	20.2
		1	74	19.7	19.6	19.6	4	20.2	19.2	19.4	19.0	1.9	20.2
		36	0	20.0	20.1	20.0	4	20.2	19.7	19.7	19.6	1.9	20.2
		36	20	20.0	20.1	19.9	4	20.2	19.7	19.7	19.5	1.9	20.2
		36	39	19.9	20.1	19.8	4	20.2	19.6	19.7	19.4	1.9	20.2
		75	0	20.0	20.2	19.9	4	20.2	19.7	19.7	19.5	1.9	20.2

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LTE Band 66 Measured Results (ANT3, Power State 1) (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	23.5	23.5	23.4	0	24.2	21.1	20.9	20.9	0	22.1
		1	25	23.5	23.6	23.3	0	24.2	21.0	21.0	20.8	0	22.1
		1	49	23.4	23.5	23.4	0	24.2	20.9	21.0	20.7	0	22.1
		25	0	23.5	23.6	23.3	0	24.2	21.0	21.0	20.9	0	22.1
		25	12	23.4	23.6	23.2	0	24.2	21.0	21.0	20.8	0	22.1
		25	25	23.4	23.6	23.2	0	24.2	21.0	21.0	20.7	0	22.1
		50	0	23.5	23.6	23.3	0	24.2	21.1	21.0	20.8	0	22.1
	16QAM	1	0	23.7	23.8	23.7	0	24.2	21.2	21.2	21.2	0	22.1
		1	25	23.7	23.9	23.6	0	24.2	21.3	21.3	21.1	0	22.1
		1	49	23.6	23.8	23.7	0	24.2	21.1	21.2	21.0	0	22.1
		25	0	22.9	23.1	22.8	1	23.2	21.0	21.0	20.8	0	22.1
		25	12	22.9	23.0	22.7	1	23.2	21.0	21.0	20.7	0	22.1
		25	25	22.9	23.0	22.6	1	23.2	21.0	21.0	20.6	0	22.1
		50	0	22.9	23.1	22.7	1	23.2	21.0	21.0	20.7	0	22.1
	64QAM	1	0	22.9	22.9	22.8	1	23.2	21.2	21.2	21.1	0	22.1
		1	25	23.0	22.8	22.5	1	23.2	21.2	21.1	21.0	0	22.1
		1	49	22.8	22.9	22.7	1	23.2	21.2	21.1	20.9	0	22.1
		25	0	22.1	22.2	22.0	2	22.2	21.0	21.0	20.8	0	22.1
		25	12	22.1	22.2	21.8	2	22.2	21.0	21.0	20.7	0	22.1
		25	25	22.1	22.2	21.8	2	22.2	21.0	20.9	20.7	0	22.1
		50	0	22.1	22.2	21.9	2	22.2	21.0	21.0	20.7	0	22.1
	256QAM	1	0	19.9	19.8	19.7	4	20.2	19.5	19.3	19.3	1.9	20.2
		1	25	19.8	19.8	19.4	4	20.2	19.5	19.4	19.1	1.9	20.2
		1	49	19.7	19.7	19.6	4	20.2	19.4	19.4	19.0	1.9	20.2
		25	0	20.1	20.2	20.0	4	20.2	19.8	19.8	19.6	1.9	20.2
		25	12	20.1	20.2	19.8	4	20.2	19.8	19.8	19.5	1.9	20.2
		25	25	20.1	20.2	19.8	4	20.2	19.8	19.8	19.4	1.9	20.2
		50	0	20.1	20.2	19.9	4	20.2	19.9	19.8	19.5	1.9	20.2

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	23.5	23.6	23.2	0	24.2	21.0	21.0	20.7	0	22.1
		1	12	23.5	23.5	23.3	0	24.2	21.0	21.0	20.7	0	22.1
		1	24	23.5	23.6	23.4	0	24.2	21.0	21.0	20.7	0	22.1
		12	0	23.5	23.6	23.2	0	24.2	21.0	21.0	20.7	0	22.1
		12	7	23.5	23.6	23.2	0	24.2	21.0	21.0	20.7	0	22.1
		12	13	23.5	23.6	23.3	0	24.2	21.0	21.0	20.7	0	22.1
		25	0	23.5	23.6	23.3	0	24.2	21.0	21.0	20.7	0	22.1
	16QAM	1	0	23.9	24.0	23.5	0	24.2	21.4	21.4	21.1	0	22.1
		1	12	23.9	23.9	23.5	0	24.2	21.4	21.3	21.0	0	22.1
		1	24	23.9	24.0	23.7	0	24.2	21.4	21.3	21.1	0	22.1
		12	0	23.0	23.0	22.6	1	23.2	21.0	21.0	20.7	0	22.1
		12	7	23.0	23.0	22.7	1	23.2	21.0	21.0	20.7	0	22.1
		12	13	23.0	23.0	22.7	1	23.2	21.0	21.0	20.7	0	22.1
		25	0	23.0	23.0	22.6	1	23.2	21.0	21.0	20.7	0	22.1
	64QAM	1	0	22.9	22.9	22.5	1	23.2	21.3	21.5	21.0	0	22.1
		1	12	22.9	22.9	22.6	1	23.2	21.3	21.4	21.0	0	22.1
		1	24	22.9	22.9	22.7	1	23.2	21.4	21.4	21.2	0	22.1
		12	0	22.1	22.2	21.8	2	22.2	21.2	21.3	20.8	0	22.1
		12	7	22.1	22.2	21.9	2	22.2	21.2	21.2	20.9	0	22.1
		12	13	22.1	22.2	21.9	2	22.2	21.2	21.2	20.9	0	22.1
		25	0	22.1	22.2	21.9	2	22.2	21.2	21.3	20.9	0	22.1
	256QAM	1	0	19.7	19.8	19.4	4	20.2	19.7	19.7	19.3	1.9	20.2
		1	12	19.7	19.8	19.4	4	20.2	19.7	19.7	19.4	1.9	20.2
		1	24	19.7	19.8	19.6	4	20.2	19.7	19.6	19.6	1.9	20.2
		12	0	20.1	20.2	19.8	4	20.2	19.9	20.1	19.7	1.9	20.2
		12	7	20.0	20.1	19.8	4	20.2	20.0	20.0	19.7	1.9	20.2
		12	13	20.0	20.2	19.9	4	20.2	20.0	20.1	19.8	1.9	20.2
		25	0	20.1	20.2	19.8	4	20.2	19.9	20.1	19.7	1.9	20.2

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LTE Band 66 Measured Results (ANT3, Power State 1) (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	23.3	23.4	23.1	0	24.2	21.1	21.1	20.7	0	22.1
		1	8	23.5	23.5	23.3	0	24.2	21.3	21.3	20.9	0	22.1
		1	14	23.3	23.3	23.2	0	24.2	21.1	21.1	20.8	0	22.1
		8	0	23.4	23.4	23.2	0	24.2	21.1	21.2	20.9	0	22.1
		8	4	23.4	23.5	23.2	0	24.2	21.1	21.2	20.9	0	22.1
		8	7	23.4	23.5	23.2	0	24.2	21.1	21.2	20.9	0	22.1
		15	0	23.3	23.4	23.2	0	24.2	21.1	21.2	20.9	0	22.1
	16QAM	1	0	23.5	23.7	23.4	0	24.2	21.2	21.2	20.8	0	22.1
		1	8	23.6	23.8	23.6	0	24.2	21.3	21.3	21.1	0	22.1
		1	14	23.5	23.6	23.5	0	24.2	21.2	21.2	21.0	0	22.1
		8	0	22.8	22.9	22.7	1	23.2	21.1	21.2	20.9	0	22.1
		8	4	22.9	23.0	22.7	1	23.2	21.1	21.2	20.9	0	22.1
		8	7	22.9	22.9	22.7	1	23.2	21.1	21.2	20.9	0	22.1
		15	0	22.8	22.9	22.6	1	23.2	21.1	21.1	20.8	0	22.1
	64QAM	1	0	22.6	22.7	22.2	1	23.2	21.2	21.3	20.8	0	22.1
		1	8	22.8	22.8	22.5	1	23.2	21.4	21.4	21.1	0	22.1
		1	14	22.7	22.7	22.4	1	23.2	21.2	21.3	21.0	0	22.1
		8	0	22.1	22.1	21.8	2	22.2	21.1	21.2	20.9	0	22.1
		8	4	22.1	22.1	21.9	2	22.2	21.1	21.3	20.9	0	22.1
		8	7	22.1	22.2	21.8	2	22.2	21.1	21.3	20.9	0	22.1
		15	0	22.0	22.1	21.8	2	22.2	21.1	21.2	20.9	0	22.1
	256QAM	1	0	19.6	19.7	19.3	4	20.2	19.5	19.6	19.1	1.9	20.2
		1	8	19.7	19.7	19.5	4	20.2	19.7	19.7	19.4	1.9	20.2
		1	14	19.5	19.6	19.4	4	20.2	19.5	19.5	19.2	1.9	20.2
		8	0	20.0	20.0	19.8	4	20.2	19.9	20.0	19.8	1.9	20.2
		8	4	20.0	20.1	19.8	4	20.2	20.0	20.0	19.8	1.9	20.2
		8	7	20.0	20.0	19.9	4	20.2	20.0	20.0	19.8	1.9	20.2
		15	0	20.0	20.0	19.8	4	20.2	19.9	20.0	19.7	1.9	20.2

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	23.2	23.3	23.2	0	24.2	21.0	21.1	20.8	0	22.1
		1	3	23.3	23.5	23.3	0	24.2	21.2	21.2	21.0	0	22.1
		1	5	23.2	23.3	23.1	0	24.2	21.0	21.0	20.8	0	22.1
		3	0	23.2	23.4	23.1	0	24.2	21.1	21.1	20.9	0	22.1
		3	1	23.3	23.4	23.2	0	24.2	21.1	21.2	21.0	0	22.1
		3	3	23.3	23.4	23.2	0	24.2	21.0	21.2	21.0	0	22.1
		6	0	23.3	23.4	23.2	0	24.2	21.0	21.2	20.9	0	22.1
	16QAM	1	0	23.4	23.6	23.3	0	24.2	21.1	21.2	21.0	0	22.1
		1	3	23.6	23.9	23.5	0	24.2	21.3	21.4	21.2	0	22.1
		1	5	23.4	23.7	23.4	0	24.2	21.1	21.2	21.0	0	22.1
		3	0	23.4	23.5	23.3	0	24.2	21.2	21.2	20.9	0	22.1
		3	1	23.4	23.5	23.4	0	24.2	21.2	21.3	21.0	0	22.1
		3	3	23.4	23.5	23.3	0	24.2	21.2	21.3	21.0	0	22.1
		6	0	22.8	22.9	22.7	1	23.2	21.1	21.2	20.9	0	22.1
	64QAM	1	0	22.5	22.7	22.6	1	23.2	21.2	21.2	21.0	0	22.1
		1	3	22.7	22.8	22.8	1	23.2	21.4	21.4	21.2	0	22.1
		1	5	22.5	22.7	22.6	1	23.2	21.2	21.2	21.0	0	22.1
		3	0	23.0	23.2	23.1	1	23.2	21.2	21.3	21.0	0	22.1
		3	1	23.1	23.2	23.2	1	23.2	21.2	21.3	21.1	0	22.1
		3	3	23.1	23.2	23.2	1	23.2	21.2	21.3	21.1	0	22.1
		6	0	21.9	22.1	22.1	2	22.2	21.1	21.2	21.0	0	22.1
	256QAM	1	0	19.5	19.5	19.5	4	20.2	19.5	19.5	19.2	1.9	20.2
		1	3	19.7	19.8	19.7	4	20.2	19.7	19.7	19.5	1.9	20.2
		1	5	19.5	19.5	19.5	4	20.2	19.5	19.4	19.2	1.9	20.2
		3	0	20.0	20.1	20.0	4	20.2	20.0	20.0	19.8	1.9	20.2
		3	1	20.1	20.2	20.1	4	20.2	20.1	20.1	19.8	1.9	20.2
		3	3	20.1	20.1	20.1	4	20.2	20.1	20.1	19.8	1.9	20.2
		6	0	20.0	20.1	20.0	4	20.2	20.0	20.0	19.7	1.9	20.2

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LTE Band 66 Measured Results (ANT4, Power State 1)

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	18.1	18.2	18.3	0	20.0	19.9	20.0	20.1	0	21.8
		1	49	18.3	18.4	18.5	0	20.0	20.2	20.2	20.3	0	21.8
		1	99	18.1	18.3	18.0	0	20.0	19.9	20.1	19.8	0	21.8
		50	0	18.5	18.4	18.4	0	20.0	20.2	20.3	20.3	0	21.8
		50	24	18.4	18.4	18.2	0	20.0	20.2	20.2	20.3	0	21.8
		50	50	18.4	18.5	18.2	0	20.0	20.1	20.3	20.0	0	21.8
		100	0	18.4	18.5	18.5	0	20.0	20.2	20.3	20.3	0	21.8
	16QAM	1	0	18.9	19.0	19.2	0	20.0	20.4	20.6	20.5	0	21.8
		1	49	19.3	19.2	19.4	0	20.0	20.6	20.7	20.7	0	21.8
		1	99	19.0	19.1	19.0	0	20.0	20.5	20.7	20.2	0	21.8
		50	0	18.9	18.8	18.9	0	20.0	20.4	20.3	20.3	0	21.8
		50	24	18.8	18.8	19.0	0	20.0	20.3	20.3	20.3	0	21.8
		50	50	18.8	18.9	18.8	0	20.0	20.3	20.4	20.0	0	21.8
		100	0	18.9	18.9	19.0	0	20.0	20.3	20.4	20.3	0	21.8
	64QAM	1	0	18.7	18.9	19.0	0	20.0	20.4	20.5	20.6	0	21.8
		1	49	18.9	19.1	18.9	0	20.0	20.8	20.6	20.8	0	21.8
		1	99	18.8	18.9	18.7	0	20.0	20.5	20.7	20.6	0	21.8
		50	0	18.8	18.8	18.8	0	20.0	20.6	20.6	20.6	0.6	21.2
		50	24	18.7	18.8	18.8	0	20.0	20.5	20.5	20.6	0.6	21.2
		50	50	18.6	18.9	18.6	0	20.0	20.4	20.5	20.5	0.6	21.2
		100	0	18.8	18.9	18.9	0	20.0	20.5	20.6	20.6	0.6	21.2
	256QAM	1	0	18.3	18.1	18.3	0.8	19.2	18.2	18.2	18.2	2.6	19.2
		1	49	18.4	18.4	18.4	0.8	19.2	18.3	18.4	18.4	2.6	19.2
		1	99	18.2	18.4	18.1	0.8	19.2	18.0	18.5	18.1	2.6	19.2
		50	0	18.7	18.7	18.7	0.8	19.2	18.6	18.6	18.7	2.6	19.2
		50	24	18.6	18.7	18.7	0.8	19.2	18.6	18.6	18.7	2.6	19.2
		50	50	18.6	18.8	18.5	0.8	19.2	18.5	18.7	18.5	2.6	19.2
		100	0	18.7	18.8	18.8	0.8	19.2	18.6	18.7	18.7	2.6	19.2

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	18.8	18.8	18.8	0	20.0	20.4	20.4	20.4	0	21.8
		1	37	19.0	18.9	18.9	0	20.0	20.5	20.4	20.3	0	21.8
		1	74	18.8	18.9	18.7	0	20.0	20.3	20.5	20.1	0	21.8
		36	0	18.8	18.9	18.9	0	20.0	20.4	20.4	20.4	0	21.8
		36	20	18.8	18.9	18.9	0	20.0	20.4	20.4	20.3	0	21.8
		36	39	18.8	18.9	18.7	0	20.0	20.3	20.4	20.1	0	21.8
		75	0	18.9	18.9	18.9	0	20.0	20.4	20.4	20.3	0	21.8
	16QAM	1	0	19.1	19.2	19.1	0	20.0	20.6	20.6	20.6	0	21.8
		1	37	19.3	19.2	19.2	0	20.0	20.7	20.7	20.6	0	21.8
		1	74	19.1	19.4	18.9	0	20.0	20.5	20.7	20.5	0	21.8
		36	0	18.9	18.8	18.9	0	20.0	20.4	20.3	20.4	0	21.8
		36	20	18.9	18.8	18.9	0	20.0	20.4	20.4	20.2	0	21.8
		36	39	18.8	18.9	18.7	0	20.0	20.3	20.4	20.1	0	21.8
		75	0	18.9	18.8	18.9	0	20.0	20.4	20.4	20.2	0	21.8
	64QAM	1	0	18.9	18.9	18.9	0	20.0	20.8	20.7	20.9	0	21.8
		1	37	18.9	18.8	18.9	0	20.0	20.8	20.6	20.7	0	21.8
		1	74	18.7	19.0	18.7	0	20.0	20.7	20.8	20.7	0	21.8
		36	0	18.7	18.7	18.8	0	20.0	20.5	20.6	20.7	0.6	21.2
		36	20	18.7	18.7	18.8	0	20.0	20.6	20.6	20.6	0.6	21.2
		36	39	18.8	18.8	18.5	0	20.0	20.6	20.6	20.3	0.6	21.2
		75	0	18.7	18.7	18.8	0	20.0	20.6	20.6	20.6	0.6	21.2
	256QAM	1	0	18.4	18.3	18.3	0.8	19.2	18.4	18.2	18.4	2.6	19.2
		1	37	18.4	18.4	18.2	0.8	19.2	18.5	18.3	18.3	2.6	19.2
		1	74	18.2	18.4	18.1	0.8	19.2	18.2	18.4	18.1	2.6	19.2
		36	0	18.7	18.7	18.8	0.8	19.2	18.7	18.7	18.7	2.6	19.2
		36	20	18.7	18.7	18.7	0.8	19.2	18.7	18.7	18.7	2.6	19.2
		36	39	18.7	18.7	18.5	0.8	19.2	18.7	18.7	18.4	2.6	19.2
		75	0	18.7	18.7	18.7	0.8	19.2	18.7	18.7	18.7	2.6	19.2

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LTE Band 66 Measured Results (ANT4, Power State 1) (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	18.8	18.9	19.0	0	20.0	20.5	20.5	20.5	0	21.8
		1	25	19.0	18.9	18.8	0	20.0	20.6	20.5	20.2	0	21.8
		1	49	18.8	18.9	18.7	0	20.0	20.5	20.6	20.2	0	21.8
		25	0	18.9	18.9	18.9	0	20.0	20.5	20.5	20.4	0	21.8
		25	12	19.0	18.9	18.8	0	20.0	20.5	20.5	20.2	0	21.8
		25	25	19.0	18.9	18.7	0	20.0	20.5	20.5	20.2	0	21.8
		50	0	19.1	19.0	18.8	0	20.0	20.6	20.6	20.3	0	21.8
	16QAM	1	0	19.1	19.1	19.3	0	20.0	20.7	20.7	20.8	0	21.8
		1	25	19.3	19.2	19.0	0	20.0	20.8	20.8	20.6	0	21.8
		1	49	19.2	19.2	19.0	0	20.0	20.6	20.9	20.6	0	21.8
		25	0	18.8	18.9	18.9	0	20.0	20.4	20.5	20.3	0	21.8
		25	12	18.9	18.9	18.7	0	20.0	20.5	20.5	20.2	0	21.8
		25	25	18.9	18.9	18.7	0	20.0	20.5	20.5	20.1	0	21.8
		50	0	19.0	18.9	18.7	0	20.0	20.5	20.5	20.2	0	21.8
	64QAM	1	0	19.0	18.9	19.0	0	20.0	20.8	20.9	20.9	0	21.8
		1	25	19.0	18.9	18.7	0	20.0	21.0	20.9	20.6	0	21.8
		1	49	19.0	19.0	18.7	0	20.0	20.9	20.9	20.8	0	21.8
		25	0	18.7	18.7	18.7	0	20.0	20.6	20.6	20.7	0.6	21.2
		25	12	18.7	18.7	18.6	0	20.0	20.7	20.6	20.4	0.6	21.2
		25	25	18.7	18.8	18.5	0	20.0	20.7	20.6	20.5	0.6	21.2
		50	0	18.8	18.8	18.6	0	20.0	20.7	20.7	20.5	0.6	21.2
	256QAM	1	0	18.5	18.4	18.6	0.8	19.2	18.4	18.4	18.5	2.6	19.2
		1	25	18.5	18.5	18.2	0.8	19.2	18.5	18.4	18.1	2.6	19.2
		1	49	18.6	18.6	18.3	0.8	19.2	18.6	18.5	18.2	2.6	19.2
		25	0	18.7	18.7	18.8	0.8	19.2	18.8	18.8	18.7	2.6	19.2
		25	12	18.7	18.8	18.6	0.8	19.2	18.8	18.7	18.5	2.6	19.2
		25	25	18.8	18.7	18.6	0.8	19.2	18.8	18.8	18.5	2.6	19.2
		50	0	18.8	18.8	18.6	0.8	19.2	18.8	18.8	18.6	2.6	19.2

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	18.8	18.9	18.7	0	20.0	20.5	20.6	20.2	0	21.8
		1	12	18.9	18.9	18.7	0	20.0	20.5	20.5	20.2	0	21.8
		1	24	18.9	18.9	18.8	0	20.0	20.5	20.6	20.3	0	21.8
		12	0	18.8	18.9	18.7	0	20.0	20.5	20.5	20.1	0	21.8
		12	7	18.8	18.9	18.7	0	20.0	20.4	20.5	20.2	0	21.8
		12	13	18.8	18.9	18.7	0	20.0	20.4	20.5	20.2	0	21.8
		25	0	18.9	18.9	18.7	0	20.0	20.5	20.5	20.2	0	21.8
	16QAM	1	0	19.2	19.2	19.0	0	20.0	20.9	20.8	20.6	0	21.8
		1	12	19.3	19.2	19.1	0	20.0	20.9	20.8	20.6	0	21.8
		1	24	19.3	19.2	19.1	0	20.0	20.9	20.8	20.7	0	21.8
		12	0	18.8	18.9	18.6	0	20.0	20.4	20.5	20.2	0	21.8
		12	7	18.8	18.9	18.7	0	20.0	20.4	20.5	20.2	0	21.8
		12	13	18.8	18.9	18.7	0	20.0	20.4	20.5	20.2	0	21.8
		25	0	18.8	18.9	18.7	0	20.0	20.4	20.5	20.1	0	21.8
	64QAM	1	0	19.0	18.9	18.6	0	20.0	20.7	20.9	20.6	0	21.8
		1	12	18.9	18.9	18.7	0	20.0	20.8	20.9	20.5	0	21.8
		1	24	19.0	19.0	18.7	0	20.0	20.8	20.8	20.7	0	21.8
		12	0	18.7	18.8	18.6	0	20.0	20.6	20.7	20.4	0.6	21.2
		12	7	18.7	18.8	18.5	0	20.0	20.6	20.7	20.5	0.6	21.2
		12	13	18.7	18.8	18.6	0	20.0	20.6	20.6	20.5	0.6	21.2
		25	0	18.7	18.7	18.5	0	20.0	20.7	20.7	20.5	0.6	21.2
	256QAM	1	0	18.4	18.4	18.2	0.8	19.2	18.4	18.4	18.3	2.6	19.2
		1	12	18.5	18.4	18.2	0.8	19.2	18.5	18.4	18.3	2.6	19.2
		1	24	18.5	18.4	18.3	0.8	19.2	18.5	18.5	18.4	2.6	19.2
		12	0	18.7	18.7	18.5	0.8	19.2	18.7	18.8	18.5	2.6	19.2
		12	7	18.7	18.7	18.5	0.8	19.2	18.8	18.8	18.6	2.6	19.2
		12	13	18.7	18.7	18.5	0.8	19.2	18.7	18.8	18.6	2.6	19.2
		25	0	18.7	18.7	18.6	0.8	19.2	18.8	18.8	18.6	2.6	19.2

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LTE Band 66 Measured Results (ANT4, Power State 1) (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	18.5	18.5	18.4	0	20.0	20.3	20.3	20.0	0	21.8
		1	8	18.7	18.7	18.6	0	20.0	20.5	20.5	20.3	0	21.8
		1	14	18.5	18.6	18.4	0	20.0	20.3	20.3	20.1	0	21.8
		8	0	18.6	18.6	18.5	0	20.0	20.4	20.4	20.1	0	21.8
		8	4	18.6	18.6	18.5	0	20.0	20.4	20.4	20.1	0	21.8
		8	7	18.5	18.7	18.5	0	20.0	20.4	20.4	20.2	0	21.8
		15	0	18.5	18.6	18.5	0	20.0	20.4	20.4	20.2	0	21.8
	16QAM	1	0	18.6	18.7	18.5	0	20.0	20.6	20.7	20.3	0	21.8
		1	8	18.8	18.9	18.7	0	20.0	20.7	20.9	20.5	0	21.8
		1	14	18.6	18.7	18.5	0	20.0	20.6	20.7	20.3	0	21.8
		8	0	18.5	18.6	18.5	0	20.0	20.3	20.4	20.1	0	21.8
		8	4	18.6	18.6	18.5	0	20.0	20.4	20.4	20.1	0	21.8
		8	7	18.6	18.7	18.5	0	20.0	20.4	20.4	20.2	0	21.8
		15	0	18.5	18.6	18.5	0	20.0	20.3	20.4	20.1	0	21.8
	64QAM	1	0	18.4	18.7	18.8	0	20.0	20.7	20.7	20.4	0	21.8
		1	8	18.7	18.8	19.0	0	20.0	20.9	20.8	20.7	0	21.8
		1	14	18.5	18.7	18.8	0	20.0	20.7	20.6	20.5	0	21.8
		8	0	18.5	18.6	18.6	0	20.0	20.5	20.6	20.4	0.6	21.2
		8	4	18.6	18.7	18.7	0	20.0	20.5	20.7	20.4	0.6	21.2
		8	7	18.5	18.7	18.6	0	20.0	20.5	20.7	20.5	0.6	21.2
		15	0	18.5	18.6	18.6	0	20.0	20.5	20.6	20.5	0.6	21.2
	256QAM	1	0	18.2	18.3	18.1	0.8	19.2	18.2	18.3	18.1	2.6	19.2
		1	8	18.4	18.5	18.3	0.8	19.2	18.4	18.4	18.3	2.6	19.2
		1	14	18.2	18.2	18.1	0.8	19.2	18.3	18.2	18.1	2.6	19.2
		8	0	18.6	18.7	18.5	0.8	19.2	18.6	18.7	18.5	2.6	19.2
		8	4	18.7	18.7	18.6	0.8	19.2	18.7	18.8	18.6	2.6	19.2
		8	7	18.7	18.7	18.6	0.8	19.2	18.7	18.7	18.6	2.6	19.2
		15	0	18.6	18.7	18.6	0.8	19.2	18.6	18.7	18.6	2.6	19.2

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	18.5	18.5	18.3	0	20.0	20.3	20.3	20.0	0	21.8
		1	3	18.7	18.7	18.5	0	20.0	20.4	20.5	20.2	0	21.8
		1	5	18.5	18.6	18.3	0	20.0	20.3	20.3	20.0	0	21.8
		3	0	18.6	18.6	18.4	0	20.0	20.3	20.3	20.1	0	21.8
		3	1	18.6	18.6	18.5	0	20.0	20.4	20.4	20.2	0	21.8
		3	3	18.6	18.7	18.5	0	20.0	20.4	20.4	20.2	0	21.8
		6	0	18.6	18.6	18.5	0	20.0	20.3	20.4	20.2	0	21.8
	16QAM	1	0	18.7	18.6	18.5	0	20.0	20.6	20.5	20.2	0	21.8
		1	3	18.9	18.8	18.7	0	20.0	20.9	20.7	20.4	0	21.8
		1	5	18.7	18.7	18.5	0	20.0	20.6	20.5	20.3	0	21.8
		3	0	18.7	18.7	18.5	0	20.0	20.5	20.5	20.2	0	21.8
		3	1	18.8	18.7	18.6	0	20.0	20.5	20.6	20.3	0	21.8
		3	3	18.7	18.8	18.6	0	20.0	20.5	20.6	20.3	0	21.8
		6	0	18.6	18.6	18.5	0	20.0	20.3	20.4	20.2	0	21.8
	64QAM	1	0	18.5	18.6	18.8	0	20.0	20.7	20.6	20.5	0	21.8
		1	3	18.7	18.9	18.9	0	20.0	20.9	20.8	20.7	0	21.8
		1	5	18.5	18.7	18.7	0	20.0	20.6	20.6	20.4	0	21.8
		3	0	18.5	18.6	18.7	0	20.0	20.6	20.7	20.5	0	21.8
		3	1	18.6	18.7	18.7	0	20.0	20.6	20.8	20.6	0	21.8
		3	3	18.6	18.8	18.7	0	20.0	20.6	20.8	20.5	0	21.8
		6	0	18.4	18.6	18.6	0	20.0	20.5	20.6	20.5	0.6	21.2
	256QAM	1	0	18.1	18.3	18.0	0.8	19.2	18.2	18.2	18.0	2.6	19.2
		1	3	18.4	18.4	18.2	0.8	19.2	18.4	18.4	18.3	2.6	19.2
		1	5	18.2	18.3	18.0	0.8	19.2	18.3	18.1	18.1	2.6	19.2
		3	0	18.7	18.7	18.5	0.8	19.2	18.7	18.7	18.6	2.6	19.2
		3	1	18.8	18.8	18.6	0.8	19.2	18.8	18.8	18.7	2.6	19.2
		3	3	18.8	18.8	18.6	0.8	19.2	18.8	18.8	18.6	2.6	19.2
		6	0	18.6	18.7	18.5	0.8	19.2	18.6	18.7	18.6	2.6	19.2

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LTE Band 71 Measured Results (ANT1, Power State 1)

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		
20	QPSK	1	0	24.5	0	25.7	24.5	0	25.7
		1	49	24.8	0	25.7	24.8	0	25.7
		1	99	24.6	0	25.7	24.6	0	25.7
		50	0	24.0	1	24.7	24.0	1	24.7
		50	24	24.1	1	24.7	24.1	1	24.7
		50	50	24.1	1	24.7	24.1	1	24.7
		100	0	24.1	1	24.7	24.1	1	24.7
	16QAM	1	0	24.0	1	24.7	24.0	1	24.7
		1	49	24.2	1	24.7	24.2	1	24.7
		1	99	23.8	1	24.7	23.8	1	24.7
		50	0	23.2	2	23.7	23.2	2	23.7
		50	24	23.2	2	23.7	23.2	2	23.7
		50	50	23.2	2	23.7	23.2	2	23.7
		100	0	23.2	2	23.7	23.2	2	23.7
	64QAM	1	0	22.8	2	23.7	22.8	2	23.7
		1	49	23.0	2	23.7	23.0	2	23.7
		1	99	22.7	2	23.7	22.7	2	23.7
		50	0	22.3	3	22.7	22.3	3	22.7
		50	24	22.2	3	22.7	22.2	3	22.7
		50	50	22.2	3	22.7	22.2	3	22.7
		100	0	22.3	3	22.7	22.3	3	22.7
	256QAM	1	0	20.0	5	20.7	20.0	5	20.7
		1	49	19.9	5	20.7	19.9	5	20.7
		1	99	19.7	5	20.7	19.7	5	20.7
		50	0	20.3	5	20.7	20.3	5	20.7
		50	24	20.2	5	20.7	20.2	5	20.7
		50	50	20.2	5	20.7	20.2	5	20.7
		100	0	20.3	5	20.7	20.3	5	20.7

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		
15	QPSK	1	0	24.8	0	25.7	24.8	0	25.7
		1	37	24.8	0	25.7	24.8	0	25.7
		1	74	24.8	0	25.7	24.8	0	25.7
		36	0	24.3	1	24.7	24.3	1	24.7
		36	20	24.3	1	24.7	24.3	1	24.7
		36	39	24.3	1	24.7	24.3	1	24.7
		75	0	24.3	1	24.7	24.3	1	24.7
	16QAM	1	0	24.0	1	24.7	24.0	1	24.7
		1	37	24.1	1	24.7	24.1	1	24.7
		1	74	23.8	1	24.7	23.8	1	24.7
		36	0	23.3	2	23.7	23.3	2	23.7
		36	20	23.2	2	23.7	23.2	2	23.7
		36	39	23.2	2	23.7	23.2	2	23.7
		75	0	23.2	2	23.7	23.2	2	23.7
	64QAM	1	0	23.1	2	23.7	23.1	2	23.7
		1	37	23.1	2	23.7	23.1	2	23.7
		1	74	23.0	2	23.7	23.0	2	23.7
		36	0	22.3	3	22.7	22.3	3	22.7
		36	20	22.3	3	22.7	22.3	3	22.7
		36	39	22.2	3	22.7	22.2	3	22.7
		75	0	22.3	3	22.7	22.3	3	22.7
	256QAM	1	0	20.0	5	20.7	20.0	5	20.7
		1	37	20.0	5	20.7	20.0	5	20.7
		1	74	19.8	5	20.7	19.8	5	20.7
		36	0	20.2	5	20.7	20.2	5	20.7
		36	20	20.3	5	20.7	20.3	5	20.7
		36	39	20.2	5	20.7	20.2	5	20.7
		75	0	20.3	5	20.7	20.3	5	20.7

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LTE Band 71 Measured Results (ANT1, Power State 1) (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	24.9	0	25.7	24.9	0	25.7		
		1	25	25.0	0	25.7	25.0	0	25.7		
		1	49	24.9	0	25.7	24.9	0	25.7		
		25	0	24.4	1	24.7	24.4	1	24.7		
		25	12	24.4	1	24.7	24.4	1	24.7		
		25	25	24.4	1	24.7	24.4	1	24.7		
		50	0	24.4	1	24.7	24.4	1	24.7		
	16QAM	1	0	24.1	1	24.7	24.1	1	24.7		
		1	25	24.1	1	24.7	24.1	1	24.7		
		1	49	24.1	1	24.7	24.1	1	24.7		
		25	0	23.4	2	23.7	23.4	2	23.7		
		25	12	23.3	2	23.7	23.3	2	23.7		
		25	25	23.3	2	23.7	23.3	2	23.7		
		50	0	23.4	2	23.7	23.4	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	22.3	3	22.7	22.3	3	22.7		
		25	12	22.3	3	22.7	22.3	3	22.7		
		25	25	22.3	3	22.7	22.3	3	22.7		
		50	0	22.4	3	22.7	22.4	3	22.7		
	256QAM	1	0	20.1	5	20.7	20.1	5	20.7		
		1	25	20.0	5	20.7	20.0	5	20.7		
		1	49	20.0	5	20.7	20.0	5	20.7		
		25	0	20.3	5	20.7	20.3	5	20.7		
		25	12	20.3	5	20.7	20.3	5	20.7		
		25	25	20.2	5	20.7	20.2	5	20.7		
		50	0	20.4	5	20.7	20.4	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	24.9	24.9	24.7	0	25.7	24.9	24.9	24.7	0	25.7
		1	12	25.0	24.8	24.9	0	25.7	25.0	24.8	24.9	0	25.7
		1	24	25.0	24.9	24.8	0	25.7	25.0	24.9	24.8	0	25.7
		12	0	24.5	24.3	24.3	1	24.7	24.5	24.3	24.3	1	24.7
		12	7	24.5	24.3	24.3	1	24.7	24.5	24.3	24.3	1	24.7
		12	13	24.5	24.3	24.4	1	24.7	24.5	24.3	24.4	1	24.7
		25	0	24.6	24.3	24.3	1	24.7	24.6	24.3	24.3	1	24.7
	16QAM	1	0	24.3	24.1	24.0	1	24.7	24.3	24.1	24.0	1	24.7
		1	12	24.4	24.2	24.1	1	24.7	24.4	24.2	24.1	1	24.7
		1	24	24.4	24.2	24.1	1	24.7	24.4	24.2	24.1	1	24.7
		12	0	23.4	23.3	23.3	2	23.7	23.4	23.3	23.3	2	23.7
		12	7	23.4	23.3	23.3	2	23.7	23.4	23.3	23.3	2	23.7
		12	13	23.4	23.3	23.4	2	23.7	23.4	23.3	23.4	2	23.7
		25	0	23.4	23.3	23.3	2	23.7	23.4	23.3	23.3	2	23.7
	64QAM	1	0	23.1	23.0	22.9	2	23.7	23.1	23.0	22.9	2	23.7
		1	12	23.2	23.1	23.0	2	23.7	23.2	23.1	23.0	2	23.7
		1	24	23.2	23.0	23.0	2	23.7	23.2	23.0	23.0	2	23.7
		12	0	22.4	22.3	22.2	3	22.7	22.4	22.3	22.2	3	22.7
		12	7	22.5	22.3	22.3	3	22.7	22.5	22.3	22.3	3	22.7
		12	13	22.4	22.3	22.3	3	22.7	22.4	22.3	22.3	3	22.7
		25	0	22.4	22.3	22.3	3	22.7	22.4	22.3	22.3	3	22.7
	256QAM	1	0	20.1	20.0	19.9	5	20.7	20.1	20.0	19.9	5	20.7
		1	12	20.0	20.0	20.0	5	20.7	20.0	20.0	20.0	5	20.7
		1	24	20.1	19.9	20.0	5	20.7	20.1	19.9	20.0	5	20.7
		12	0	20.3	20.3	20.2	5	20.7	20.3	20.3	20.2	5	20.7
		12	7	20.4	20.2	20.3	5	20.7	20.4	20.2	20.3	5	20.7
		12	13	20.4	20.2	20.3	5	20.7	20.4	20.2	20.3	5	20.7
		25	0	20.4	20.3	20.3	5	20.7	20.4	20.3	20.3	5	20.7

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LTE Band 71 Measured Results (ANT2, Power State 1)

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		
20	QPSK	1	0	23.7	0	24.7	23.7	0	24.7
		1	49	23.9	0	24.7	23.9	0	24.7
		1	99	23.6	0	24.7	23.6	0	24.7
		50	0	23.1	1	23.7	23.1	1	23.7
		50	24	23.2	1	23.7	23.2	1	23.7
		50	50	23.1	1	23.7	23.1	1	23.7
		100	0	23.3	1	23.7	23.3	1	23.7
	16QAM	1	0	22.4	1	23.7	22.4	1	23.7
		1	49	22.5	1	23.7	22.5	1	23.7
		1	99	22.2	1	23.7	22.2	1	23.7
		50	0	21.6	2	22.7	21.6	2	22.7
		50	24	21.8	2	22.7	21.8	2	22.7
		50	50	21.7	2	22.7	21.7	2	22.7
		100	0	21.8	2	22.7	21.8	2	22.7
	64QAM	1	0	21.2	2	22.7	21.2	2	22.7
		1	49	21.4	2	22.7	21.4	2	22.7
		1	99	21.2	2	22.7	21.2	2	22.7
		50	0	20.7	3	21.7	20.7	3	21.7
		50	24	20.8	3	21.7	20.8	3	21.7
		50	50	20.6	3	21.7	20.6	3	21.7
		100	0	20.7	3	21.7	20.7	3	21.7
	256QAM	1	0	18.3	5	19.7	18.3	5	19.7
		1	49	18.4	5	19.7	18.4	5	19.7
		1	99	18.1	5	19.7	18.1	5	19.7
		50	0	18.7	5	19.7	18.7	5	19.7
		50	24	18.7	5	19.7	18.7	5	19.7
		50	50	18.6	5	19.7	18.6	5	19.7
		100	0	18.8	5	19.7	18.8	5	19.7

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		
15	QPSK	1	0	23.1	0	24.7	23.1	0	24.7
		1	37	23.3	0	24.7	23.3	0	24.7
		1	74	23.2	0	24.7	23.2	0	24.7
		36	0	22.7	1	23.7	22.7	1	23.7
		36	20	22.8	1	23.7	22.8	1	23.7
		36	39	22.7	1	23.7	22.7	1	23.7
		75	0	22.8	1	23.7	22.8	1	23.7
	16QAM	1	0	22.2	1	23.7	22.2	1	23.7
		1	37	22.5	1	23.7	22.5	1	23.7
		1	74	22.4	1	23.7	22.4	1	23.7
		36	0	21.7	2	22.7	21.7	2	22.7
		36	20	21.8	2	22.7	21.8	2	22.7
		36	39	21.7	2	22.7	21.7	2	22.7
		75	0	21.8	2	22.7	21.8	2	22.7
	64QAM	1	0	21.4	2	22.7	21.4	2	22.7
		1	37	21.5	2	22.7	21.5	2	22.7
		1	74	21.3	2	22.7	21.3	2	22.7
		36	0	20.7	3	21.7	20.7	3	21.7
		36	20	20.8	3	21.7	20.8	3	21.7
		36	39	20.7	3	21.7	20.7	3	21.7
		75	0	20.8	3	21.7	20.8	3	21.7
	256QAM	1	0	18.4	5	19.7	18.4	5	19.7
		1	37	18.4	5	19.7	18.4	5	19.7
		1	74	18.4	5	19.7	18.4	5	19.7
		36	0	18.7	5	19.7	18.7	5	19.7
		36	20	18.8	5	19.7	18.8	5	19.7
		36	39	18.7	5	19.7	18.7	5	19.7
		75	0	18.8	5	19.7	18.8	5	19.7

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LTE Band 71 Measured Results (ANT2, Power State 1) (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	23.3	0	24.7	23.3	0	24.7
		1	25	23.4	0	24.7	23.4	0	24.7
		1	49	23.3	0	24.7	23.3	0	24.7
		25	0	22.8	1	23.7	22.8	1	23.7
		25	12	22.9	1	23.7	22.9	1	23.7
		25	25	22.9	1	23.7	22.9	1	23.7
		50	0	22.9	1	23.7	22.9	1	23.7
	16QAM	1	0	22.5	1	23.7	22.5	1	23.7
		1	25	22.7	1	23.7	22.7	1	23.7
		1	49	22.6	1	23.7	22.6	1	23.7
		25	0	21.8	2	22.7	21.8	2	22.7
		25	12	21.8	2	22.7	21.8	2	22.7
		25	25	21.8	2	22.7	21.8	2	22.7
		50	0	21.8	2	22.7	21.8	2	22.7
	64QAM	1	0	21.5	2	22.7	21.5	2	22.7
		1	25	21.6	2	22.7	21.6	2	22.7
		1	49	21.5	2	22.7	21.5	2	22.7
		25	0	20.8	3	21.7	20.8	3	21.7
		25	12	20.8	3	21.7	20.8	3	21.7
		25	25	20.7	3	21.7	20.7	3	21.7
		50	0	20.9	3	21.7	20.9	3	21.7
	256QAM	1	0	18.4	5	19.7	18.4	5	19.7
		1	25	18.5	5	19.7	18.5	5	19.7
		1	49	18.4	5	19.7	18.4	5	19.7
		25	0	18.7	5	19.7	18.7	5	19.7
		25	12	18.8	5	19.7	18.8	5	19.7
		25	25	18.7	5	19.7	18.7	5	19.7
		50	0	18.8	5	19.7	18.8	5	19.7

BW (MHz)	Mode	RB Allocation	RB Offset	Mode A Power (dBm)				Mode B Power (dBm)			
				133147	133297	133447	MPR	133147	133297	133447	MPR
				665.5 MHz	680.5 MHz	695.5 MHz	Max Power	665.5 MHz	680.5 MHz	695.5 MHz	Max Power
5	QPSK	1	0	23.3	23.3	23.4	0	23.3	23.3	23.4	0
		1	12	23.3	23.3	23.4	0	23.3	23.3	23.4	0
		1	24	23.3	23.3	23.3	0	23.3	23.3	23.3	0
		12	0	22.8	22.8	22.8	1	22.8	22.8	22.8	1
		12	7	22.7	22.8	22.8	1	22.7	22.8	22.8	1
		12	13	22.7	22.8	22.8	1	22.7	22.8	22.8	1
		25	0	22.8	22.9	22.9	1	22.8	22.9	22.9	1
	16QAM	1	0	22.6	22.8	22.8	1	22.6	22.8	22.8	1
		1	12	22.5	22.8	22.7	1	22.5	22.8	22.7	1
		1	24	22.5	22.8	22.6	1	22.5	22.8	22.6	1
		12	0	21.7	21.7	21.9	2	21.7	21.7	21.9	2
		12	7	21.7	21.8	21.8	2	21.7	21.8	21.8	2
		12	13	21.7	21.8	21.8	2	21.7	21.8	21.8	2
		25	0	21.7	21.8	21.8	2	21.7	21.8	21.8	2
	64QAM	1	0	21.5	21.6	21.6	2	21.5	21.6	21.6	2
		1	12	21.4	21.5	21.6	2	21.4	21.5	21.6	2
		1	24	21.4	21.5	21.5	2	21.4	21.5	21.5	2
		12	0	20.7	20.8	20.9	3	20.7	20.8	20.9	3
		12	7	20.7	20.8	20.8	3	20.7	20.8	20.8	3
		12	13	20.7	20.8	20.8	3	20.7	20.8	20.8	3
		25	0	20.7	20.8	20.9	3	20.7	20.8	20.9	3
	256QAM	1	0	18.4	18.5	18.6	5	18.4	18.5	18.6	5
		1	12	18.4	18.4	18.5	5	18.4	18.4	18.5	5
		1	24	18.4	18.4	18.4	5	18.4	18.4	18.4	5
		12	0	18.7	18.7	18.8	5	18.7	18.7	18.8	5
		12	7	18.7	18.8	18.8	5	18.7	18.8	18.8	5
		12	13	18.7	18.7	18.8	5	18.7	18.7	18.8	5
		25	0	18.7	18.8	18.8	5	18.7	18.8	18.8	5

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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

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

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$3.83 – 0.83A$;$0.4 \le A \le 1$

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.

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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)							
		ANT 1		ANT 2		ANT 3		ANT4	
		Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B
CA_5B	QPSK	25.7	25.7	23.5	24.7				
CA_7C	QPSK	25.7	21.0	17.8	18.9	23.1	21.1	21.5	21.2
CA_41C (PC3)	QPSK	25.7	23.9	20.3	21.2	25.7	23.4	24.4	24.7
CA_41C (PC2)	QPSK	28.7	23.9	20.3	21.2	27.3	23.4	24.4	24.7
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	24.7	24.0	24.7	22.3	23.7	21.5	20.5	22.4

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

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Simultaneous Maximum Output Power for LTE UL Carrier Aggregation

RF Air interface	Mode	Maximum Output Power (dBm)							
		ANT 1		ANT 2		ANT 3		ANT4	
		Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B
CA_5B	QPSK	25.7	25.7	22.7	24.7				
CA_7C	QPSK	25.6	20.2	17.0	18.1	22.3	20.3	20.7	20.4
CA_41C (PC3)	QPSK	25.7	23.1	19.5	20.4	25.7	22.6	23.6	23.9
CA_41C (PC2)	QPSK	28.7	23.1	19.5	20.4	27.3	22.6	23.6	23.9
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	24.7	23.2	24.7	21.5	23.4	20.7	19.7	21.6

Note(s):

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

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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	24.6	25.7	24.8	0.2
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	24.8	0.2
CA_5B	ANT 2	Mode A	QPSK	10	20476	831.6	1	49	10	20575	841.5	1	0	23.5	22.0	23.5	22.1	0.1
CA_5B	ANT 2	Mode B	QPSK	10	20476	831.6	1	49	10	20575	841.5	1	0	24.7	23.1	24.7	23.4	0.3

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	20850	2510.0	1	99	20	21048	2529.8	1	0	25.7	24.6	25.7	24.9	0.3
CA_7C	ANT 1	Mode A	QPSK	20	21001	2525.1	1	99	20	21199	2544.9	1	0	25.7	24.5	25.7	24.7	0.2
CA_7C	ANT 1	Mode A	QPSK	20	21152	2540.2	1	99	20	21350	2560.0	1	0	25.7	24.5	25.7	24.8	0.3
CA_7C	ANT 1	Mode B	QPSK	20	20850	2510.0	1	99	20	21048	2529.8	1	0	21.0	20.5	21.0	20.5	0.0
CA_7C	ANT 1	Mode B	QPSK	20	21001	2525.1	1	99	20	21199	2544.9	1	0	21.0	20.4	21.0	20.4	0.0
CA_7C	ANT 1	Mode B	QPSK	20	21152	2540.2	1	99	20	21350	2560.0	1	0	21.0	20.5	21.0	20.4	-0.1
CA_7C	ANT 2	Mode A	QPSK	20	20850	2510.0	1	99	20	21048	2529.8	1	0	17.8	16.7	17.8	16.7	0.0
CA_7C	ANT 2	Mode A	QPSK	20	21001	2525.1	1	99	20	21199	2544.9	1	0	17.8	16.6	17.8	16.6	0.0
CA_7C	ANT 2	Mode A	QPSK	20	21152	2540.2	1	99	20	21350	2560.0	1	0	17.8	16.6	17.8	16.7	0.1
CA_7C	ANT 2	Mode B	QPSK	20	20850	2510.0	1	99	20	21048	2529.8	1	0	18.9	17.8	18.9	17.8	0.0
CA_7C	ANT 2	Mode B	QPSK	20	21001	2525.1	1	99	20	21199	2544.9	1	0	18.9	17.6	18.9	17.6	0.0
CA_7C	ANT 2	Mode B	QPSK	20	21152	2540.2	1	99	20	21350	2560.0	1	0	18.9	17.6	18.9	17.7	0.1
CA_7C	ANT 3	Mode A	QPSK	20	20850	2510.0	1	99	20	21048	2529.8	1	0	23.1	22.4	23.1	22.4	0.0
CA_7C	ANT 3	Mode A	QPSK	20	21001	2525.1	1	99	20	21199	2544.9	1	0	23.1	22.4	23.1	22.4	0.0
CA_7C	ANT 3	Mode A	QPSK	20	21152	2540.2	1	99	20	21350	2560.0	1	0	23.1	22.3	23.1	22.3	0.0
CA_7C	ANT 3	Mode B	QPSK	20	20850	2510.0	1	99	20	21048	2529.8	1	0	21.1	20.4	21.1	20.4	0.0
CA_7C	ANT 3	Mode B	QPSK	20	21001	2525.1	1	99	20	21199	2544.9	1	0	21.1	20.6	21.1	20.6	0.0
CA_7C	ANT 3	Mode B	QPSK	20	21152	2540.2	1	99	20	21350	2560.0	1	0	21.1	20.4	21.1	20.4	0.0
CA_7C	ANT 4	Mode A	QPSK	20	20850	2510.0	1	99	20	21048	2529.8	1	0	21.5	19.6	21.5	19.5	-0.1
CA_7C	ANT 4	Mode A	QPSK	20	21001	2525.1	1	99	20	21199	2544.9	1	0	21.5	19.7	21.5	19.6	-0.1
CA_7C	ANT 4	Mode A	QPSK	20	21152	2540.2	1	99	20	21350	2560.0	1	0	21.5	19.7	21.5	19.5	-0.2
CA_7C	ANT 4	Mode B	QPSK	20	20850	2510.0	1	99	20	21048	2529.8	1	0	21.2	19.3	21.2	19.4	0.1
CA_7C	ANT 4	Mode B	QPSK	20	21001	2525.1	1	99	20	21199	2544.9	1	0	21.2	19.5	21.2	19.5	0.0
CA_7C	ANT 4	Mode B	QPSK	20	21152	2540.2	1	99	20	21350	2560.0	1	0	21.2	19.4	21.2	19.4	0.0

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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	39750	2506.0	1	99	20	39948	2525.8	1	0	25.7	24.4	25.7	24.3	-0.1
CA_41C	ANT 1	Mode A	QPSK	20	40521	2583.1	1	99	20	40719	2602.9	1	0	25.7	24.4	25.7	24.3	-0.1
CA_41C	ANT 1	Mode A	QPSK	20	41292	2660.2	1	99	20	41490	2680.0	1	0	25.7	24.4	25.7	24.3	-0.1
CA_41C	ANT 1	Mode B	QPSK	20	39750	2506.0	1	99	20	39948	2525.8	1	0	23.9	22.4	23.9	22.3	-0.1
CA_41C	ANT 1	Mode B	QPSK	20	40521	2583.1	1	99	20	40719	2602.9	1	0	23.9	22.5	23.9	22.5	0.0
CA_41C	ANT 1	Mode B	QPSK	20	41292	2660.2	1	99	20	41490	2680.0	1	0	23.9	22.4	23.9	22.4	0.0
CA_41C	ANT 2	Mode A	QPSK	20	39750	2506.0	1	99	20	39948	2525.8	1	0	20.3	19.0	20.3	18.5	-0.5
CA_41C	ANT 2	Mode A	QPSK	20	40521	2583.1	1	99	20	40719	2602.9	1	0	20.3	19.1	20.3	18.8	-0.3
CA_41C	ANT 2	Mode A	QPSK	20	41292	2660.2	1	99	20	41490	2680.0	1	0	20.3	18.9	20.3	18.5	-0.4
CA_41C	ANT 2	Mode B	QPSK	20	39750	2506.0	1	99	20	39948	2525.8	1	0	21.2	19.8	21.2	19.5	-0.3
CA_41C	ANT 2	Mode B	QPSK	20	40521	2583.1	1	99	20	40719	2602.9	1	0	21.2	19.9	21.2	19.6	-0.3
CA_41C	ANT 2	Mode B	QPSK	20	41292	2660.2	1	99	20	41490	2680.0	1	0	21.2	19.8	21.2	19.6	-0.2
CA_41C	ANT 3	Mode A	QPSK	20	39750	2506.0	1	99	20	39948	2525.8	1	0	25.7	24.2	25.7	23.8	-0.4
CA_41C	ANT 3	Mode A	QPSK	20	40521	2583.1	1	99	20	40719	2602.9	1	0	25.7	24.3	25.7	24.0	-0.3
CA_41C	ANT 3	Mode A	QPSK	20	41292	2660.2	1	99	20	41490	2680.0	1	0	25.7	24.3	25.7	24.1	-0.2
CA_41C	ANT 3	Mode B	QPSK	20	39750	2506.0	1	99	20	39948	2525.8	1	0	23.4	22.1	23.4	21.8	-0.3
CA_41C	ANT 3	Mode B	QPSK	20	40521	2583.1	1	99	20	40719	2602.9	1	0	23.4	22.3	23.4	21.9	-0.4
CA_41C	ANT 3	Mode B	QPSK	20	41292	2660.2	1	99	20	41490	2680.0	1	0	23.4	22.3	23.4	21.9	-0.4
CA_41C	ANT 4	Mode A	QPSK	20	39750	2506.0	1	99	20	39948	2525.8	1	0	24.4	22.8	24.4	22.7	-0.1
CA_41C	ANT 4	Mode A	QPSK	20	40521	2583.1	1	99	20	40719	2602.9	1	0	24.4	23.1	24.4	22.9	-0.2
CA_41C	ANT 4	Mode A	QPSK	20	41292	2660.2	1	99	20	41490	2680.0	1	0	24.4	22.8	24.4	22.7	-0.1
CA_41C	ANT 4	Mode B	QPSK	20	39750	2506.0	1	99	20	39948	2525.8	1	0	24.7	23.7	24.7	23.3	-0.4
CA_41C	ANT 4	Mode B	QPSK	20	40521	2583.1	1	99	20	40719	2602.9	1	0	24.7	24.0	24.7	23.6	-0.4
CA_41C	ANT 4	Mode B	QPSK	20	41292	2660.2	1	99	20	41490	2680.0	1	0	24.7	23.6	24.7	23.2	-0.4

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.

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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	55340	3560.0	1	99	20	55538	3579.8	1	0	25.6	24.2	24.7	24.0	-0.2
CA_48C	ANT 7	Mode A	QPSK	20	55891	3615.1	1	99	20	56089	3634.9	1	0	25.6	24.2	24.7	24.0	-0.2
CA_48C	ANT 7	Mode A	QPSK	20	56442	3670.2	1	99	20	56640	3690.0	1	0	25.6	24.5	24.7	24.2	-0.3
CA_48C	ANT 7	Mode B	QPSK	20	55340	3560.0	1	99	20	55538	3579.8	1	0	24.0	22.4	24.0	22.3	-0.1
CA_48C	ANT 7	Mode B	QPSK	20	55891	3615.1	1	99	20	56089	3634.9	1	0	24.0	22.3	24.0	22.5	0.2
CA_48C	ANT 7	Mode B	QPSK	20	56442	3670.2	1	99	20	56640	3690.0	1	0	24.0	22.4	24.0	22.6	0.2
CA_48C	ANT 8	Mode A	QPSK	20	55340	3560.0	1	99	20	55538	3579.8	1	0	25.7	23.7	24.7	23.7	0.0
CA_48C	ANT 8	Mode A	QPSK	20	55891	3615.1	1	99	20	56089	3634.9	1	0	25.7	23.7	24.7	23.7	0.0
CA_48C	ANT 8	Mode A	QPSK	20	56442	3670.2	1	99	20	56640	3690.0	1	0	25.7	23.7	24.7	23.7	0.0
CA_48C	ANT 8	Mode B	QPSK	20	55340	3560.0	1	99	20	55538	3579.8	1	0	22.3	20.8	22.3	21.0	0.2
CA_48C	ANT 8	Mode B	QPSK	20	55891	3615.1	1	99	20	56089	3634.9	1	0	22.3	20.8	22.3	20.8	0.0
CA_48C	ANT 8	Mode B	QPSK	20	56442	3670.2	1	99	20	56640	3690.0	1	0	22.3	20.9	22.3	20.8	-0.1
CA_48C	ANT 9	Mode A	QPSK	20	55340	3560.0	1	99	20	55538	3579.8	1	0	23.7	23.1	23.7	23.0	-0.1
CA_48C	ANT 9	Mode A	QPSK	20	55891	3615.1	1	99	20	56089	3634.9	1	0	23.7	23.1	23.7	23.2	0.1
CA_48C	ANT 9	Mode A	QPSK	20	56442	3670.2	1	99	20	56640	3690.0	1	0	23.7	23.2	23.7	23.2	0.0
CA_48C	ANT 9	Mode B	QPSK	20	55340	3560.0	1	99	20	55538	3579.8	1	0	21.5	20.0	21.5	20.1	0.1
CA_48C	ANT 9	Mode B	QPSK	20	55891	3615.1	1	99	20	56089	3634.9	1	0	21.5	20.3	21.5	20.2	-0.1
CA_48C	ANT 9	Mode B	QPSK	20	56442	3670.2	1	99	20	56640	3690.0	1	0	21.5	20.4	21.5	20.2	-0.2
CA_48C	ANT 4	Mode A	QPSK	20	55340	3560.0	1	99	20	55538	3579.8	1	0	20.5	18.8	20.5	18.8	0.0
CA_48C	ANT 4	Mode A	QPSK	20	55891	3615.1	1	99	20	56089	3634.9	1	0	20.5	18.8	20.5	18.6	-0.2
CA_48C	ANT 4	Mode A	QPSK	20	56442	3670.2	1	99	20	56640	3690.0	1	0	20.5	18.9	20.5	18.8	-0.1
CA_48C	ANT 4	Mode B	QPSK	20	55340	3560.0	1	99	20	55538	3579.8	1	0	22.4	21.1	22.4	21.2	0.1
CA_48C	ANT 4	Mode B	QPSK	20	55891	3615.1	1	99	20	56089	3634.9	1	0	22.4	21.0	22.4	21.1	0.1
CA_48C	ANT 4	Mode B	QPSK	20	56442	3670.2	1	99	20	56640	3690.0	1	0	22.4	21.2	22.4	21.3	0.1

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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).

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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

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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].

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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)
- NR Band n38 (2570-2620 MHz) is covered by NR Band n41 (2500-2690 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.

Maximum Output Power for 5G NR (FR1)

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	25.7	19.7	21.0	21.3	24.5	21.8	19.6	21.7
NR n5	π/2 BPSK & QPSK	25.7	25.7	23.5	24.7				
NR n7	π/2 BPSK & QPSK	25.7	21.0	17.8	18.9	23.1	21.1	21.5	21.2
NR n12	π/2 BPSK & QPSK	25.7	25.7	24.7	24.7				
NR n14	π/2 BPSK & QPSK	25.7	25.7	23.7	24.7				
NR n25	π/2 BPSK & QPSK	25.7	19.7	21.0	21.3	24.5	21.8	19.6	21.7
NR n26	π/2 BPSK & QPSK	25.7	25.7	23.5	24.7				
NR n30	π/2 BPSK & QPSK	25.7	22.9	20.4	19.2	24.0	22.3	20.4	19.9
NR n41 (PC3)	π/2 BPSK & QPSK	25.7	21.9	18.3	19.2	25.3	21.4	22.4	22.7
NR n41 (PC2)	π/2 BPSK & QPSK	28.7	21.9	18.3	19.2	25.3	21.4	22.4	22.7
NR n53	π/2 BPSK & QPSK	20.7	20.7	18.3	19.2				
NR n66	π/2 BPSK & QPSK	25.7	19.6	20.0	19.4	24.2	22.1	20.0	21.8
NR n70	π/2 BPSK & QPSK	25.7	19.6	20.0	19.4	24.2	22.1	20.0	21.8
NR n71	π/2 BPSK & QPSK	25.7	25.7	24.7	24.7				
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	25.3	22.0	24.5	20.3	22.2	19.5	18.5	20.4
NR n77 (PC3)	π/2 BPSK & QPSK	23.8	19.0	23.6	20.1	21.6	18.9	18.9	20.3
NR n77 (PC2)	π/2 BPSK & QPSK	23.8	19.0	23.6	20.1	21.6	18.9	18.9	20.3

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Simultaneous Maximum Output Power for 5G NR (FR1)

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	25.5	18.9	20.2	20.5	23.7	21.0	18.8	20.9
NR n5	π/2 BPSK & QPSK	25.7	25.7	22.7	24.7				
NR n7	π/2 BPSK & QPSK	25.7	20.2	17.0	18.1	22.3	20.3	20.7	20.4
NR n12	π/2 BPSK & QPSK	25.7	25.7	24.2	24.7				
NR n14	π/2 BPSK & QPSK	25.7	25.7	22.9	24.7				
NR n25	π/2 BPSK & QPSK	25.5	18.9	20.2	20.5	23.7	21.0	18.8	20.9
NR n26	π/2 BPSK & QPSK	25.7	25.7	22.7	24.7				
NR n30	π/2 BPSK & QPSK	25.7	22.1	19.6	18.4	23.2	21.5	19.6	19.1
NR n41 (PC3)	π/2 BPSK & QPSK	25.7	21.1	17.5	18.4	24.5	20.6	21.6	21.9
NR n41 (PC2)	π/2 BPSK & QPSK	27.9	21.1	17.5	18.4	24.5	20.6	21.6	21.9
NR n53	π/2 BPSK & QPSK	20.7	20.7	17.5	18.4				
NR n66	π/2 BPSK & QPSK	25.4	18.8	19.2	18.6	23.4	21.3	19.2	21.0
NR n70	π/2 BPSK & QPSK	25.3	18.8	19.2	18.6	23.4	21.3	19.2	21.0
NR n71	π/2 BPSK & QPSK	25.7	25.7	24.7	24.7				
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	24.5	21.2	23.7	19.5	21.4	18.7	17.7	19.6
NR n77 (PC3)	π/2 BPSK & QPSK	23.0	18.2	22.8	19.3	20.8	18.1	18.1	19.5
NR n77 (PC2)	π/2 BPSK & QPSK	23.0	18.2	22.8	19.3	20.8	18.1	18.1	19.5

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NR Band 5 Measured Results (ANT1, Power State 1)

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		25.0		0	25.7		25.0		0	25.7
		1	104		25.2		0	25.7		25.2		0	25.7
		50	28		25.5		0	25.7		25.5		0	25.7
	QPSK	1	1		25.2		0	25.7		25.2		0	25.7
		1	104		25.3		0	25.7		25.3		0	25.7
		50	28		25.6		0	25.7		25.6		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		24.7		0	25.7		24.7		0	25.7
		1	77		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)				
				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		24.9		0	25.7		24.9		0	25.7
		1	50		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)				
				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	24.8	24.9	0	25.7	24.8	24.8	24.9	0	25.7
		1	23	24.7	24.8	24.7	0	25.7	24.7	24.8	24.7	0	25.7

NR Band 5 Measured Results (ANT2, Power State 1)

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		22.7		0	23.5		23.7		0	24.7
		1	104		22.7		0	23.5		23.7		0	24.7
		50	28		22.8		0	23.5		24.2		0	24.7
	QPSK	1	1		22.2		0	23.5		23.5		0	24.7
		1	104		22.6		0	23.5		23.6		0	24.7
		50	28		22.4		0	23.5		24.1		0	24.7
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		22.2		0	23.5		23.3		0	24.7
		1	77		22.4		0	23.5		23.3		0	24.7
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		22.4		0	23.5		23.3		0	24.7
		1	50		22.5		0	23.5		23.5		0	24.7
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	22.4	22.4	22.5	0	23.5	23.5	23.3	23.4	0	24.7
		1	23	22.4	22.5	22.3	0	23.5	23.4	23.4	23.3	0	24.7

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NR Band 7 Measured Results (ANT1, Power State 1)

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		24.7		0	25.7		19.5		0	21
		1	214		24.7		0	25.7		19.5		0	21
		108	54		25.2		0	25.7		19.5		0	21
	QPSK	1	1		24.5		0	25.7		19.5		0	21
		1	214		24.6		0	25.7		19.6		0	21
		108	54		24.9		0	25.7		19.5		0	21
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		24.2		0	25.7		19.0		0	21
		1	186		24.26		0	25.7		19.2		0	21
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		24.3		0	25.7		19.1		0	21
		1	158		24.3		0	25.7		19.1		0	21
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		24.1		0	25.7		18.9		0	21
		1	131		24.2		0	25.7		19.0		0	21
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	24.8	24.8	24.9	0	25.7	19.7	20.0	19.9	0	21
		1	104	24.8	24.8	24.7	0	25.7	20.0	19.9	19.9	0	21
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	24.9	24.9	25.0	0	25.7	19.7	19.9	20.0	0	21
		1	77	24.8	24.7	24.8	0	25.7	19.9	19.8	20.0	0	21
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	24.9	24.9	24.8	0	25.7	19.5	19.8	19.9	0	21
		1	50	24.8	24.8	24.7	0	25.7	19.6	19.9	19.9	0	21
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	24.7	24.5	24.7	0	25.7	19.7	19.4	19.8	0	21
		1	23	24.6	24.6	24.8	0	25.7	19.5	19.4	20.0	0	21

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NR Band 7 Measured Results (ANT2, Power State 1)

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		16.7		0	17.8		17.7		0	18.9
		1	214		16.7		0	17.8		17.8		0	18.9
		108	54		16.7		0	17.8		17.6		0	18.9
	QPSK	1	1		16.0		0	17.8		17.7		0	18.9
		1	214		16.3		0	17.8		17.6		0	18.9
		108	54		16.3		0	17.8		17.6		0	18.9
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		16.6		0	17.8		17.3		0	18.9
		1	186		16.6		0	17.8		17.2		0	18.9
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		16.1		0	17.8		17.4		0	18.9
		1	158		16.6		0	17.8		17.3		0	18.9
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		16.3		0	17.8		17.1		0	18.9
		1	131		16.4		0	17.8		17.3		0	18.9
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	16.1	16.4	16.5	0	17.8	17.2	17.2	17.2	0	18.9
		1	104	16.5	16.6	16.6	0	17.8	17.3	17.3	17.4	0	18.9
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	16.3	16.3	16.4	0	17.8	17.2	17.2	17.3	0	18.9
		1	77	16.5	16.4	16.5	0	17.8	17.3	17.4	17.4	0	18.9
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	16.3	16.4	16.5	0	17.8	17.2	17.3	17.3	0	18.9
		1	50	16.4	16.5	16.6	0	17.8	17.3	17.3	17.4	0	18.9
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	16.3	16.4	16.7	0	17.8	17.4	17.2	17.4	0	18.9
		1	23	16.2	16.4	16.5	0	17.8	17.1	17.2	17.3	0	18.9

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NR Band 7 Measured Results (ANT3, Power State 1)

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		22.4		0	23.1		19.1		0	21.1
		1	214		22.5		0	23.1		19.3		0	21.1
		108	54		22.8		0	23.1		19.5		0	21.1
	QPSK	1	1		22.1		0	23.1		19.3		0	21.1
		1	214		22.1		0	23.1		19.3		0	21.1
		108	54		22.4		0	23.1		19.7		0	21.1
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		22.0		0	23.1		19.4		0	21.1
		1	186		22.3		0	23.1		19.5		0	21.1
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		22.2		0	23.1		19.5		0	21.1
		1	158		22.4		0	23.1		19.8		0	21.1
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		22.2		0	23.1		19.4		0	21.1
		1	131		22.2		0	23.1		19.5		0	21.1
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	22.3	22.3	22.4	0	23.1	19.6	19.6	19.6	0	21.1
		1	104	22.2	22.4	22.4	0	23.1	19.5	19.6	19.7	0	21.1
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	22.3	22.4	22.4	0	23.1	19.6	19.6	19.7	0	21.1
		1	77	22.3	22.5	22.3	0	23.1	19.4	19.7	19.6	0	21.1
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	22.5	22.6	22.5	0	23.1	19.7	19.6	19.6	0	21.1
		1	50	22.5	22.7	22.4	0	23.1	19.7	19.7	19.8	0	21.1
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	22.5	22.5	22.6	0	23.1	19.5	19.5	19.7	0	21.1
		1	23	22.6	22.6	22.5	0	23.1	19.8	19.8	19.5	0	21.1

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NR Band 7 Measured Results (ANT4, Power State 1)

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		20.0		0	21.5		20.1		0	21.2
		1	214		20.0		0	21.5		20.1		0	21.2
		108	54		20.1		0	21.5		20.0		0	21.2
	QPSK	1	1		19.5		0	21.5		19.3		0	21.2
		1	214		19.5		0	21.5		19.3		0	21.2
		108	54		19.5		0	21.5		19.3		0	21.2
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		19.5		0	21.5		19.3		0	21.2
		1	186		19.5		0	21.5		19.3		0	21.2
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		19.5		0	21.5		19.3		0	21.2
		1	158		19.5		0	21.5		19.3		0	21.2
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		19.5		0	21.5		19.3		0	21.2
		1	131		19.5		0	21.5		19.3		0	21.2
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	19.5	19.5	19.5	0	21.5	19.3	19.3	19.3	0	21.2
		1	104	19.5	19.5	19.5	0	21.5	19.3	19.3	19.3	0	21.2
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	19.5	19.5	19.5	0	21.5	19.3	19.3	19.3	0	21.2
		1	77	19.5	19.5	19.5	0	21.5	19.3	19.3	19.3	0	21.2
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	19.5	19.5	19.5	0	21.5	19.3	19.3	19.3	0	21.2
		1	50	19.5	19.5	19.5	0	21.5	19.3	19.3	19.3	0	21.2
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	19.5	19.5	19.5	0	21.5	19.3	19.3	19.3	0	21.2
		1	23	19.5	19.5	19.5	0	21.5	19.3	19.3	19.3	0	21.2

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NR Band 12 Measured Results (ANT1, Power State 1)

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		24.8		0	25.7		24.8		0	25.7
		1	77		24.9		0	25.7		24.9		0	25.7
		36	22		25.1		0	25.7		25.1		0	25.7
	QPSK	1	1		24.7		0	25.7		24.7		0	25.7
		1	77		24.8		0	25.7		24.8		0	25.7
		36	22		25.3		0	25.7		25.3		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		24.6		0	25.7		24.6		0	25.7
		1	50		24.5		0	25.7		24.5		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	24.4	24.4	24.5	0	25.7	24.4	24.4	24.5	0	25.7
		1	23	24.5	24.3	24.5	0	25.7	24.5	24.3	24.5	0	25.7

NR Band 12 Measured Results (ANT2, Power State 1)

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		23.2		0	24.7		23.2		0	24.7
		1	77		23.1		0	24.7		23.1		0	24.7
		36	22		23.9		0	24.7		23.9		0	24.7
	QPSK	1	1		23.4		0	24.7		23.4		0	24.7
		1	77		23.3		0	24.7		23.3		0	24.7
		36	22		23.9		0	24.7		23.9		0	24.7
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		23.3		0	24.7		23.3		0	24.7
		1	50		23.4		0	24.7		23.4		0	24.7
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	23.2	23.3	23.4	0	24.7	23.2	23.3	23.4	0	24.7
		1	23	23.3	23.3	23.1	0	24.7	23.3	23.3	23.1	0	24.7

NR Band 14 Measured Results (ANT1, Power State 1)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
					158600		MPR	Max Power		158600		MPR	Max Power
					793 MHz					793 MHz			
10	π/2 BPSK	1	1		25.1		0	25.7		25.1		0	25.7
		1	50		24.9		0	25.7		24.9		0	25.7
		25	14		25.3		0	25.7		25.3		0	25.7
	QPSK	1	1		24.8		0	25.7		24.8		0	25.7
		1	50		24.7		0	25.7		24.7		0	25.7
		25	14		25.3		0	25.7		25.3		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		24.8		0	25.7		24.8		0	25.7
		1	23		24.7		0	25.7		24.7		0	25.7

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NR Band 14 Measured Results (ANT2, Power State 1)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
					158600		MPR	Max Power		158600		MPR	Max Power
					793 MHz					793 MHz			
10	π/2 BPSK	1	1		22.4		0	23.7		23.7		0	24.7
		1	50		22.3		0	23.7		23.7		0	24.7
		25	14		22.7		0	23.7		23.7		0	24.7
	QPSK	1	1		22.6		0	23.7		23.4		0	24.7
		1	50		22.5		0	23.7		23.1		0	24.7
		25	14		22.6		0	23.7		23.8		0	24.7
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)			MPR	Max Power	Mode B Power (dBm)			MPR	Max Power
				158100	158600	159100			158100	158600	159100		
				790.5 MHz	793 MHz	795.5 MHz			790.5 MHz	793 MHz	795.5 MHz		
5	π/2 BPSK	1	1		22.6		0	23.7		23.3		0	24.7
		1	23		22.6		0	23.7		23.1		0	24.7

NR Band 25 Measured Results (ANT1, Power State 1)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)			MPR	Max Power	Mode B Power (dBm)			MPR	Max Power
				374000	376500	379000			374000	376500	379000		
				1870 MHz	1882.5 MHz	1895 MHz			1870 MHz	1882.5 MHz	1895 MHz		
40	π/2 BPSK	1	1		24.9		0	25.7		18.2		0	19.7
		1	214		24.6		0	25.7		18.2		0	19.7
		108	54		25.2		0	25.7		18.2		0	19.7
	QPSK	1	1		26.0		0	25.7		18.5		0	19.7
		1	214		24.6		0	25.7		18.4		0	19.7
		108	54		25.2		0	25.7		18.7		0	19.7
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)			MPR	Max Power	Mode B Power (dBm)			MPR	Max Power
				373500	376500	379500			373500	376500	379500		
				1867.5 MHz	1882.5 MHz	1897.5 MHz			1867.5 MHz	1882.5 MHz	1897.5 MHz		
35	π/2 BPSK	1	1		24.6		0	25.7		18.5		0	19.7
		1	186		24.6		0	25.7		18.4		0	19.7
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)			MPR	Max Power	Mode B Power (dBm)			MPR	Max Power
				373000	376500	380000			373000	376500	380000		
				1865 MHz	1882.5 MHz	1900 MHz			1865 MHz	1882.5 MHz	1900 MHz		
30	π/2 BPSK	1	1		24.8		0	25.7		18.5		0	19.7
		1	158		24.6		0	25.7		18.4		0	19.7
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)			MPR	Max Power	Mode B Power (dBm)			MPR	Max Power
				372500	376500	380500			372500	376500	380500		
				1862.5 MHz	1882.5 MHz	1902.5 MHz			1862.5 MHz	1882.5 MHz	1902.5 MHz		
25	π/2 BPSK	1	1		24.6		0	25.7		18.4		0	19.7
		1	131		24.5		0	25.7		18.3		0	19.7
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)			MPR	Max Power	Mode B Power (dBm)			MPR	Max Power
				372000	376500	381000			372000	376500	381000		
				1860 MHz	1882.5 MHz	1905 MHz			1860 MHz	1882.5 MHz	1905 MHz		
20	π/2 BPSK	1	1	24.6	24.8	24.7	0	25.7	18.4	18.5	18.5	0	19.7
		1	104	24.8	24.5	24.5	0	25.7	18.6	18.4	18.3	0	19.7
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)			MPR	Max Power	Mode B Power (dBm)			MPR	Max Power
				371500	376500	381500			371500	376500	381500		
				1857.5 MHz	1882.5 MHz	1907.5 MHz			1857.5 MHz	1882.5 MHz	1907.5 MHz		
15	π/2 BPSK	1	1	24.9	24.7	24.8	0	25.7	18.7	18.5	18.8	0	19.7
		1	77	25.0	24.7	24.7	0	25.7	18.8	18.6	18.8	0	19.7
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)			MPR	Max Power	Mode B Power (dBm)			MPR	Max Power
				371000	376500	382000			371000	376500	382000		
				1855 MHz	1882.5 MHz	1910 MHz			1855 MHz	1882.5 MHz	1910 MHz		
10	π/2 BPSK	1	1	25.1	25.1	24.9	0	25.7	18.8	18.7	18.6	0	19.7
		1	50	25.0	24.9	25.0	0	25.7	18.9	18.6	18.8	0	19.7
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)			MPR	Max Power	Mode B Power (dBm)			MPR	Max Power
				370500	376500	382500			370500	376500	382500		
				1852.5 MHz	1882.5 MHz	1912.5 MHz			1852.5 MHz	1882.5 MHz	1912.5 MHz		
5	π/2 BPSK	1	1	25.0	25.0	24.8	0	25.7	18.6	18.7	18.6	0	19.7
		1	23	25.1	25.0	24.8	0	25.7	18.5	18.9	18.6	0	19.7

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NR Band 25 Measured Results (ANT2, Power State 1)

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		20.0		0	21		20.3		0	21.3
		1	214		19.4		0	21		20.3		0	21.3
		108	54		19.8		0	21		20.1		0	21.3
	QPSK	1	1		20.0		0	21		20.2		0	21.3
		1	214		18.7		0	21		20.0		0	21.3
		108	54		19.6		0	21		19.9		0	21.3
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)			MPR	Max Power	Mode B Power (dBm)			MPR	Max Power
				373500	376500	379500			373500	376500	379500		
				1867.5 MHz	1882.5 MHz	1897.5 MHz			1867.5 MHz	1882.5 MHz	1897.5 MHz		
35	π/2 BPSK	1	1		19.8		0	21		20.0		0	21.3
		1	186		19.8		0	21		20.0		0	21.3
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)			MPR	Max Power	Mode B Power (dBm)			MPR	Max Power
				373000	376500	380000			373000	376500	380000		
				1865 MHz	1882.5 MHz	1900 MHz			1865 MHz	1882.5 MHz	1900 MHz		
30	π/2 BPSK	1	1		19.9		0	21		19.9		0	21.3
		1	158		19.8		0	21		20.0		0	21.3
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)			MPR	Max Power	Mode B Power (dBm)			MPR	Max Power
				372500	376500	380500			372500	376500	380500		
				1862.5 MHz	1882.5 MHz	1902.5 MHz			1862.5 MHz	1882.5 MHz	1902.5 MHz		
25	π/2 BPSK	1	1		19.7		0	21		20.0		0	21.3
		1	131		19.7		0	21		19.9		0	21.3
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)			MPR	Max Power	Mode B Power (dBm)			MPR	Max Power
				372000	376500	381000			372000	376500	381000		
				1860 MHz	1882.5 MHz	1905 MHz			1860 MHz	1882.5 MHz	1905 MHz		
20	π/2 BPSK	1	1	19.8	19.8	19.7	0	21	20.1	20.1	20.0	0	21.3
		1	104	19.8	19.7	19.6	0	21	20.1	20.0	20.0	0	21.3
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)			MPR	Max Power	Mode B Power (dBm)			MPR	Max Power
				371500	376500	381500			371500	376500	381500		
				1857.5 MHz	1882.5 MHz	1907.5 MHz			1857.5 MHz	1882.5 MHz	1907.5 MHz		
15	π/2 BPSK	1	1	19.7	19.8	19.7	0	21	19.7	19.6	19.5	0	21.3
		1	77	19.8	19.8	19.7	0	21	19.7	19.7	19.4	0	21.3
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)			MPR	Max Power	Mode B Power (dBm)			MPR	Max Power
				371000	376500	382000			371000	376500	382000		
				1855 MHz	1882.5 MHz	1910 MHz			1855 MHz	1882.5 MHz	1910 MHz		
10	π/2 BPSK	1	1	19.4	19.3	19.3	0	21	19.8	19.7	19.6	0	21.3
		1	50	19.4	19.3	19.1	0	21	19.8	19.7	19.4	0	21.3
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)			MPR	Max Power	Mode B Power (dBm)			MPR	Max Power
				370500	376500	382500			370500	376500	382500		
				1852.5 MHz	1882.5 MHz	1912.5 MHz			1852.5 MHz	1882.5 MHz	1912.5 MHz		
5	π/2 BPSK	1	1	19.3	19.3	19.1	0	21	19.7	19.6	19.4	0	21.3
		1	23	19.4	19.3	19.1	0	21	19.7	19.6	19.3	0	21.3

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NR Band 25 Measured Results (ANT3, Power State 1)

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		23.6		0	24.5		21.2		0	21.8
		1	214		23.5		0	24.5		21.1		0	21.8
		108	54		23.8		0	24.5		21.3		0	21.8
	QPSK	1	1		23.7		0	24.5		21.0		0	21.8
		1	214		23.7		0	24.5		21.1		0	21.8
		108	54		24.0		0	24.5		21.5		0	21.8
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		23.4		0	24.5		21.0		0	21.8
		1	186		23.7		0	24.5		21.1		0	21.8
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		23.8		0	24.5		21.2		0	21.8
		1	158		23.8		0	24.5		21.2		0	21.8
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		23.5		0	24.5		20.9		0	21.8
		1	131		23.6		0	24.5		21.1		0	21.8
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	23.5	23.5	23.7	0	24.5	20.9	20.9	21.1	0	21.8
		1	104	23.7	23.7	23.4	0	24.5	21.2	21.1	20.9	0	21.8
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	23.5	23.5	23.6	0	24.5	21.0	21.0	21.1	0	21.8
		1	77	23.7	23.7	23.4	0	24.5	21.0	21.1	20.9	0	21.8
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	23.7	23.8	23.5	0	24.5	21.2	21.3	21.1	0	21.8
		1	50	23.9	23.8	23.4	0	24.5	21.2	21.3	20.9	0	21.8
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	23.5	23.7	23.7	0	24.5	21.0	21.1	21.0	0	21.8
		1	23	23.6	23.7	23.4	0	24.5	21.0	21.1	21.0	0	21.8

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NR Band 25 Measured Results (ANT4, Power State 1)

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	19.6		20.1		0	21.7
		1	214		18.3		0	19.6		20.1		0	21.7
		108	54		18.5		0	19.6		20.2		0	21.7
	QPSK	1	1		18.4		0	19.6		19.7		0	21.7
		1	214		18.5		0	19.6		19.8		0	21.7
		108	54		18.6		0	19.6		19.8		0	21.7
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)			MPR	Max Power	Mode B Power (dBm)			MPR	Max Power
				373500	376500	379500			373500	376500	379500		
				1867.5 MHz	1882.5 MHz	1897.5 MHz			1867.5 MHz	1882.5 MHz	1897.5 MHz		
35	π/2 BPSK	1	1		18.6		0	19.6		19.9		0	21.7
		1	186		18.6		0	19.6		19.7		0	21.7
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)			MPR	Max Power	Mode B Power (dBm)			MPR	Max Power
				373000	376500	380000			373000	376500	380000		
				1865 MHz	1882.5 MHz	1900 MHz			1865 MHz	1882.5 MHz	1900 MHz		
30	π/2 BPSK	1	1		18.7		0	19.6		19.8		0	21.7
		1	158		18.6		0	19.6		19.8		0	21.7
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)			MPR	Max Power	Mode B Power (dBm)			MPR	Max Power
				372500	376500	380500			372500	376500	380500		
				1862.5 MHz	1882.5 MHz	1902.5 MHz			1862.5 MHz	1882.5 MHz	1902.5 MHz		
25	π/2 BPSK	1	1		18.5		0	19.6		19.8		0	21.7
		1	131		18.5		0	19.6		19.7		0	21.7
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)			MPR	Max Power	Mode B Power (dBm)			MPR	Max Power
				372000	376500	381000			372000	376500	381000		
				1860 MHz	1882.5 MHz	1905 MHz			1860 MHz	1882.5 MHz	1905 MHz		
20	π/2 BPSK	1	1	18.2	18.7	18.6	0	19.6	19.7	19.8	19.8	0	21.7
		1	104	18.6	18.7	18.4	0	19.6	19.8	19.8	19.7	0	21.7
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)			MPR	Max Power	Mode B Power (dBm)			MPR	Max Power
				371500	376500	381500			371500	376500	381500		
				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	19.6	19.7	19.7	19.7	0	21.7
		1	77	18.6	18.4	18.3	0	19.6	19.9	19.8	19.7	0	21.7
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)			MPR	Max Power	Mode B Power (dBm)			MPR	Max Power
				371000	376500	382000			371000	376500	382000		
				1855 MHz	1882.5 MHz	1910 MHz			1855 MHz	1882.5 MHz	1910 MHz		
10	π/2 BPSK	1	1	18.4	18.4	18.4	0	19.6	19.8	19.7	19.7	0	21.7
		1	50	18.5	18.5	18.3	0	19.6	19.9	19.8	19.7	0	21.7
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)			MPR	Max Power	Mode B Power (dBm)			MPR	Max Power
				370500	376500	382500			370500	376500	382500		
				1852.5 MHz	1882.5 MHz	1912.5 MHz			1852.5 MHz	1882.5 MHz	1912.5 MHz		
5	π/2 BPSK	1	1	18.3	18.3	18.4	0	19.6	19.7	19.7	19.8	0	21.7
		1	23	18.4	18.4	18.3	0	19.6	19.7	19.8	19.7	0	21.7

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NR Band 26 Measured Results (ANT1, Power State 1)

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		25.1		0	25.7		25.1		0	25.7
		1	104		25.1		0	25.7		25.1		0	25.7
		50	28		25.3		0	25.7		25.3		0	25.7
	QPSK	1	1		25.0		0	25.7		25.0		0	25.7
		1	104		24.9		0	25.7		24.9		0	25.7
		50	28		25.3		0	25.7		25.3		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		24.7		0	25.7		24.7		0	25.7
		1	77		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)				
				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		24.9		0	25.7		24.9		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)				
				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	24.9	24.7	24.9	0	25.7	24.9	24.7	24.9	0	25.7
		1	23	24.9	25.0	24.9	0	25.7	24.9	25.0	24.9	0	25.7

NR Band 26 Measured Results (ANT2, Power State 1)

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	23.5		23.7		0	24.7
		1	104		22.5		0	23.5		23.7		0	24.7
		50	28		22.5		0	23.5		23.9		0	24.7
	QPSK	1	1		22.4		0	23.5		23.4		0	24.7
		1	104		22.4		0	23.5		23.4		0	24.7
		50	28		22.3		0	23.5		23.7		0	24.7
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		23.1		0	23.5		24.0		0	24.7
		1	77		23.0		0	23.5		24.1		0	24.7
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		23.2		0	23.5		24.1		0	24.7
		1	50		23.2		0	23.5		24.2		0	24.7
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	23.2	23.1	23.1	0	23.5	24,1	24.0	24.1	0	24.7
		1	23	23.1	23.1	23.1	0	23.5	24.1	24.0	24.0	0	24.7

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NR Band 30 Measured Results (ANT1, Power State 1)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
					462000		MPR	Max Power		462000		MPR	Max Power
					2310 MHz					2310 MHz			
10	π/2 BPSK	1	1		24.8		0	25.7		21.8		0	22.9
		1	50		24.6		0	25.7		21.7		0	22.9
		25	14		25.0		0	25.7		21.9		0	22.9
	QPSK	1	1		24.3		0	25.7		21.5		0	22.9
		1	50		24.1		0	25.7		21.5		0	22.9
		25	14		25.3		0	25.7		21.2		0	22.9
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		24.2		0	25.7		21.7		0	22.9
		1	23		24.2		0	25.7		21.7		0	22.9

NR Band 30 Measured Results (ANT2, Power State 1)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
					462000		MPR	Max Power		462000		MPR	Max Power
					2310 MHz					2310 MHz			
10	π/2 BPSK	1	1		18.6		0	20.4		17.5		0	19.2
		1	50		18.7		0	20.4		17.5		0	19.2
		25	14		18.7		0	20.4		17.5		0	19.2
	QPSK	1	1		18.6		0	20.4		17.4		0	19.2
		1	50		18.6		0	20.4		17.4		0	19.2
		25	14		18.6		0	20.4		17.3		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		18.6		0	20.4		17.2		0	19.2
		1	23		18.6		0	20.4		17.3		0	19.2

NR Band 30 Measured Results (ANT3, Power State 1)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
					462000		MPR	Max Power		462000		MPR	Max Power
					2310 MHz					2310 MHz			
10	π/2 BPSK	1	1		20.0		0	20.4		18.2		0	19.9
		1	50		20.1		0	20.4		18.5		0	19.9
		25	14		20.1		0	20.4		18.6		0	19.9
	QPSK	1	1		19.4		0	20.4		17.9		0	19.9
		1	50		19.2		0	20.4		17.9		0	19.9
		25	14		19.3		0	20.4		17.9		0	19.9
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		19.4		0	20.4		17.9		0	19.9
		1	23		19.4		0	20.4		17.9		0	19.9

NR Band 30 Measured Results (ANT4, Power State 1)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
					462000		MPR	Max Power		462000		MPR	Max Power
					2310 MHz					2310 MHz			
10	π/2 BPSK	1	1		22.9		0	24		21.5		0	22.3
		1	50		22.8		0	24		21.5		0	22.3
		25	14		23.0		0	24		21.6		0	22.3
	QPSK	1	1		22.9		0	24		21.5		0	22.3
		1	50		23.0		0	24		21.4		0	22.3
		25	14		23.0		0	24		21.4		0	22.3
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		22.8		0	24		21.6		0	22.3
		1	23		23.0		0	24		21.6		0	22.3

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NR Band 41 Measured Results (ANT1, Power State 1)

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				24.6			0	25.7				20.2			0	21.9
		1	271				25.3			0	25.7				20.5			0	21.9
		135	69				25.4			0	25.7				20.6			0	21.9
	QPSK	1	1				24.2			0	25.7				20.1			0	21.9
		1	271				24.8			0	25.7				20.8			0	21.9
		135	69				25.0			0	25.7				20.6			0	21.9
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				24.6			0	25.7				21.0			0	21.9
		1	243				24.9			0	25.7				20.9			0	21.9
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				24.6			0	25.7				20.8			0	21.9
		1	215				25.3			0	25.7				21.3			0	21.9
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				24.7			0	25.7				20.6			0	21.9
		1	187				25.1			0	25.7				21.1			0	21.9
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				24.9			0	25.7				20.8			0	21.9
		1	160				25.2			0	25.7				21.2			0	21.9
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				24.7			0	25.7				20.8			0	21.9
		1	131				25.0			0	25.7				21.1			0	21.9
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				503700	504504	511152	518598	526050	533496	MPR	Max Power	503700	504504	511152	518598	526050	533496	MPR	Max Power
				2518.5 MHz	2522.52 MHz	2555.76 MHz	2592.99 MHz	2630.25 MHz	2667.48 MHz			2518.5 MHz	2522.52 MHz	2555.76 MHz	2592.99 MHz	2630.25 MHz	2667.48 MHz		
45	π/2 BPSK	1	1				24.9			0	25.7				21.0			0	21.9
		1	117				25.2			0	25.7				21.3			0	21.9
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				25.0			0	25.7				21.1			0	21.9
		1	104				25.2			0	25.7				21.2			0	21.9
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	25.0	24.4	24.2	24.7	25.1	25.2	0	25.7	20.9	20.4	20.3	21.0	21.2	21.3	0	21.9
		1	76	25.0	24.3	24.6	24.9	25.3	25.1	0	25.7	20.8	20.4	20.7	21.1	21.4	21.2	0	21.9
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	25.1	24.1	24.2	24.7	25.0	25.2	0	25.7	20.8	20.3	20.2	20.7	21.0	21.3	0	21.9
		1	49	25.0	24.3	24.4	24.7	25.3	25.1	0	25.7	20.8	20.4	20.4	20.8	21.0	21.2	0	21.9
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	25.0	24.5	24.6	24.7	25.0	24.9	0	25.7	20.7	20.5	20.7	20.8	21.0	21.0	0	21.9
		1	36	25.1	24.6	24.7	24.8	24.9	24.9	0	25.7	20.9	20.7	20.8	20.9	20.9	21.1	0	21.9
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	24.9	24.4	24.6	24.8	25.0	24.9	0	25.7	20.7	20.7	20.7	20.9	21.0	21.0	0	21.9
		1	22	25.0	24.6	24.8	24.8	24.9	24.9	0	25.7	20.8	20.8	20.8	20.9	21.0	21.0	0	21.9

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NR Band 41 Measured Results (ANT2, Power State 1)

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				17.1			0	18.3				17.5			0	19.2
		1	271				17.4			0	18.3				17.8			0	19.2
		135	69				17.2			0	18.3				17.6			0	19.2
	QPSK	1	1				17.2			0	18.3				17.8			0	19.2
		1	271				17.4			0	18.3				17.8			0	19.2
		135	69				17.5			0	18.3				17.8			0	19.2
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				17.1			0	18.3				17.6			0	19.2
		1	243				17.0			0	18.3				17.5			0	19.2
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				17.2			0	18.3				17.5			0	19.2
		1	215				17.2			0	18.3				17.6			0	19.2
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				17.2			0	18.3				17.5			0	19.2
		1	187				17.1			0	18.3				17.5			0	19.2
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				17.2			0	18.3				17.7			0	19.2
		1	160				17.1			0	18.3				17.5			0	19.2
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				17.1			0	18.3				17.5			0	19.2
		1	131				17.0			0	18.3				17.5			0	19.2
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				503700	504504	511152	518598	526050	533496	MPR	Max Power	503700	504504	511152	518598	526050	533496	MPR	Max Power
				2518.5 MHz	2522.52 MHz	2555.76 MHz	2592.99 MHz	2630.25 MHz	2667.48 MHz			2518.5 MHz	2522.52 MHz	2555.76 MHz	2592.99 MHz	2630.25 MHz	2667.48 MHz		
45	π/2 BPSK	1	1				17.2			0	18.3				17.6			0	19.2
		1	117				17.2			0	18.3				17.5			0	19.2
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				17.2			0	18.3				17.7			0	19.2
		1	104				17.2			0	18.3				17.5			0	19.2
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	17.1	17.6	17.3	17.2	17.3	17.2	0	18.3	17.7	17.7	17.6	17.9	17.6	17.6	0	19.2
		1	76	17.0	17.1	17.5	17.3	17.3	17.2	0	18.3	17.5	17.4	17.8	17.6	17.6	17.5	0	19.2
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	17.4	17.1	17.2	17.4	17.2	17.2	0	18.3	17.7	17.6	17.5	17.9	17.7	17.5	0	19.2
		1	49	17.3	17.0	17.2	17.2	17.3	17.1	0	18.3	17.7	17.4	17.6	17.7	17.6	17.5	0	19.2
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	17.5	17.1	17.2	17.4	17.2	17.1	0	18.3	17.7	17.7	17.6	17.8	17.6	17.6	0	19.2
		1	36	17.4	17.0	17.2	17.3	17.3	17.0	0	18.3	17.8	17.4	17.7	17.6	17.6	17.6	0	19.2
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	17.3	17.2	17.1	17.4	17.2	17.1	0	18.3	17.6	17.6	17.5	17.7	17.6	17.4	0	19.2
		1	22	17.3	17.1	17.2	17.3	17.2	17.1	0	18.3	17.8	17.5	17.7	17.7	17.5	17.5	0	19.2

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NR Band 41 Measured Results (ANT3, Power State 1)

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				24.1			0	25.3				20.3			0	21.4
		1	271				24.4			0	25.3				20.4			0	21.4
		135	69				24.3			0	25.3				20.4			0	21.4
	QPSK	1	1				24.0			0	25.3				19.8			0	21.4
		1	271				24.5			0	25.3				20.2			0	21.4
		135	69				24.4			0	25.3				19.9			0	21.4
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				24.2			0	25.3				20.3			0	21.4
		1	243				24.6			0	25.3				20.6			0	21.4
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				24.3			0	25.3				20.4			0	21.4
		1	215				24.6			0	25.3				20.7			0	21.4
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				24.3			0	25.3				20.2			0	21.4
		1	187				24.6			0	25.3				20.6			0	21.4
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				24.3			0	25.3				20.4			0	21.4
		1	160				24.7			0	25.3				20.6			0	21.4
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				24.3			0	25.3				20.3			0	21.4
		1	131				24.6			0	25.3				20.7			0	21.4
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				503700	504504	511152	518598	526050	533496	MPR	Max Power	503700	504504	511152	518598	526050	533496	MPR	Max Power
				2518.5 MHz	2522.52 MHz	2555.76 MHz	2592.99 MHz	2630.25 MHz	2667.48 MHz			2518.5 MHz	2522.52 MHz	2555.76 MHz	2592.99 MHz	2630.25 MHz	2667.48 MHz		
45	π/2 BPSK	1	1				24.4			0	25.3				20.6			0	21.4
		1	117				24.7			0	25.3				20.9			0	21.4
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				24.5			0	25.3				20.7			0	21.4
		1	104				24.7			0	25.3				20.9			0	21.4
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	24.3	24.4	24.7	24.5	24.7	24.9	0	25.3	20.4	20.5	20.8	20.7	20.7	20.9	0	21.4
		1	76	24.4	24.5	24.5	24.5	24.8	24.8	0	25.3	20.6	20.7	20.6	20.7	20.9	20.9	0	21.4
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	24.3	24.1	24.5	24.4	24.7	24.8	0	25.3	20.3	20.3	20.5	20.5	20.6	20.8	0	21.4
		1	49	24.3	24.4	24.4	24.6	24.8	24.9	0	25.3	20.4	20.4	20.3	20.6	20.7	20.8	0	21.4
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	24.1	24.2	24.5	24.7	24.7	24.9	0	25.3	20.2	20.2	20.4	20.5	20.6	20.8	0	21.4
		1	36	24.2	24.3	24.3	24.6	24.7	24.8	0	25.3	20.2	20.4	20.3	20.6	20.7	20.8	0	21.4
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	24.4	24.2	24.6	24.8	24.7	24.9	0	25.3	20.2	20.3	20.5	20.6	20.7	20.9	0	21.4
		1	22	24.3	24.4	24.4	24.8	24.8	24.8	0	25.3	20.3	20.3	20.4	20.7	20.6	20.8	0	21.4

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NR Band 41 Measured Results (ANT4, Power State 1)

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				20.4			0	22.4				20.7			0	22.7
		1	271				20.4			0	22.4				20.7			0	22.7
		135	69				20.4			0	22.4				20.7			0	22.7
	QPSK	1	1				20.4			0	22.4				20.7			0	22.7
		1	271				20.4			0	22.4				20.7			0	22.7
		135	69				20.4			0	22.4				20.7			0	22.7
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				20.4			0	22.4				20.7			0	22.7
		1	243				20.4			0	22.4				20.7			0	22.7
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				20.4			0	22.4				20.7			0	22.7
		1	215				20.4			0	22.4				20.7			0	22.7
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	22.4				20.7			0	22.7
		1	187				20.4			0	22.4				20.7			0	22.7
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	22.4				20.7			0	22.7
		1	160				20.4			0	22.4				20.7			0	22.7
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	22.4				20.7			0	22.7
		1	131				20.4			0	22.4				20.7			0	22.7
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				503700	504504	511152	518598	526050	533496	MPR	Max Power	503700	504504	511152	518598	526050	533496	MPR	Max Power
				2518.5 MHz	2522.52 MHz	2555.76 MHz	2592.99 MHz	2630.25 MHz	2667.48 MHz			2518.5 MHz	2522.52 MHz	2555.76 MHz	2592.99 MHz	2630.25 MHz	2667.48 MHz		
45	π/2 BPSK	1	1				20.4			0	22.4				20.7			0	22.7
		1	117				20.4			0	22.4				20.7			0	22.7
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				20.4			0	22.4				20.7			0	22.7
		1	104				20.4			0	22.4				20.7			0	22.7
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	20.4	20.4	20.4	20.4	20.4	20.4	0	22.4	20.7	20.7	20.7	20.7	20.7	20.7	0	22.7
		1	76	20.4	20.4	20.4	20.4	20.4	20.4	0	22.4	20.7	20.7	20.7	20.7	20.7	20.7	0	22.7
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	20.4	20.4	20.4	20.4	20.4	20.4	0	22.4	20.7	20.7	20.7	20.7	20.7	20.7	0	22.7
		1	49	20.4	20.4	20.4	20.4	20.4	20.4	0	22.4	20.7	20.7	20.7	20.7	20.7	20.7	0	22.7
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	20.4	20.4	20.4	20.4	20.4	20.4	0	22.4	20.7	20.7	20.7	20.7	20.7	20.7	0	22.7
		1	36	20.4	20.4	20.4	20.4	20.4	20.4	0	22.4	20.7	20.7	20.7	20.7	20.7	20.7	0	22.7
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	20.4	20.4	20.4	20.4	0	22.4	20.7	20.7	20.7	20.7	20.7	20.7	0	22.7
		1	22	20.4	20.4	20.4	20.4	20.4	20.4	0	22.4	20.7	20.7	20.7	20.7	20.7	20.7	0	22.7

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NR Band 48 Measured Results (ANT7, Power State 1)

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			23.7		0	25.3			20.8		0	22
		1	104			23.6		0	25.3			20.9		0	22
		50	28			23.7		0	25.3			20.9		0	22
	QPSK	1	1			23.3		0	25.3			20.3		0	22
		1	104			23.4		0	25.3			20.4		0	22
		50	28			23.4		0	25.3			20.4		0	22
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	23.6	23.5	23.6	23.7	0	25.3	20.4	20.3	20.4	20.3	0	22
		1	76	23.4	23.4	23.5	23.5	0	25.3	20.3	20.3	20.3	20.4	0	22
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	23.7	23.7	23.6	23.6	0	25.3	20.5	20.6	20.3	20.4	0	22
		1	49	23.6	23.7	23.6	23.6	0	25.3	20.4	20.5	20.4	20.3	0	22
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	23.6	23.4	23.5	23.6	0	25.3	20.5	20.3	20.3	20.4	0	22
		1	36	23.5	23.4	23.6	23.6	0	25.3	20.3	20.2	20.4	20.3	0	22
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	23.7	23.5	23.6	23.6	0	25.3	20.4	20.2	20.3	20.3	0	22
		1	22	23.7	23.4	23.6	23.5	0	25.3	20.5	20.2	20.4	20.3	0	22

NR Band 48 Measured Results (ANT8, Power State 1)

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			22.7		0	24.5			18.9		0	20.3
		1	104			22.6		0	24.5			18.9		0	20.3
		50	28			22.7		0	24.5			18.9		0	20.3
	QPSK	1	1			22.5		0	24.5			18.3		0	20.3
		1	104			22.6		0	24.5			18.3		0	20.3
		50	28			22.5		0	24.5			18.3		0	20.3
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	22.5	22.5	22.5	22.7	0	24.5	18.3	18.3	18.3	18.3	0	20.3
		1	76	22.5	22.5	22.5	22.7	0	24.5	18.3	18.3	18.3	18.3	0	20.3
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	22.5	22.5	22.5	22.5	0	24.5	18.3	18.3	18.3	18.3	0	20.3
		1	49	22.5	22.5	22.5	22.5	0	24.5	18.3	18.3	18.3	18.3	0	20.3
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	22.5	22.5	22.5	22.5	0	24.5	18.3	18.3	18.3	18.3	0	20.3
		1	36	22.5	22.5	22.5	22.5	0	24.5	18.3	18.3	18.3	18.3	0	20.3
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	22.5	22.5	22.5	22.6	0	24.5	18.3	18.3	18.3	18.3	0	20.3
		1	22	22.5	22.5	22.5	22.6	0	24.5	18.3	18.3	18.3	18.3	0	20.3

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NR Band 48 Measured Results (ANT9, Power State 1)

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			22.0		0	22.2			19.3		0	19.5
		1	104			22.1		0	22.2			19.4		0	19.5
		50	28			22.2		0	22.2			19.4		0	19.5
	QPSK	1	1			21.4		0	22.2			19.4		0	19.5
		1	104			21.4		0	22.2			19.3		0	19.5
		50	28			21.4		0	22.2			19.3		0	19.5
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	21.5	21.2	21.4	21.4	0	22.2	19.1	18.9	19.1	19.2	0	19.5
		1	76	21.4	21.2	21.4	21.3	0	22.2	19.0	19.0	19.1	19.1	0	19.5
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	21.2	21.4	21.3	0	22.2	19.1	18.8	19.1	19	0	19.5
		1	49	21.2	21.2	21.3	21.3	0	22.2	18.9	18.9	19.1	19.0	0	19.5
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	21.3	21.2	21.4	21.3	0	22.2	19.0	18.8	19.1	18.9	0	19.5
		1	36	21.2	21.2	21.3	21.4	0	22.2	18.9	18.8	19.1	19.0	0	19.5
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	21.5	21.3	21.4	21.3	0	22.2	19.2	18.9	19.2	19.0	0	19.5
		1	22	21.4	21.2	21.4	21.4	0	22.2	19.1	18.9	19.1	19.0	0	19.5

NR Band 48 Measured Results (ANT4, Power State 1)

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			17.9		0	18.5			19.0		0	20.4
		1	104			17.9		0	18.5			19.0		0	20.4
		50	28			17.9		0	18.5			19.0		0	20.4
	QPSK	1	1			17.5		0	18.5			18.9		0	20.4
		1	104			17.8		0	18.5			19.0		0	20.4
		50	28			17.8		0	18.5			19.0		0	20.4
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	17.0	16.9	17.0	17.1	0	18.5	18.4	18.4	18.4	18.4	0	20.4
		1	76	16.9	17.0	17.0	17.0	0	18.5	18.4	18.4	18.4	18.4	0	20.4
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	16.9	16.9	16.8	16.8	0	18.5	18.4	18.4	18.4	18.4	0	20.4
		1	49	16.8	16.8	16.8	16.5	0	18.5	18.4	18.4	18.4	18.4	0	20.4
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	17.0	16.7	16.8	16.8	0	18.5	18.4	18.4	18.4	18.4	0	20.4
		1	36	16.7	16.8	16.8	16.9	0	18.5	18.4	18.4	18.4	18.4	0	20.4
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	16.8	16.8	16.8	16.9	0	18.5	18.4	18.4	18.4	18.4	0	20.4
		1	22	16.8	16.8	16.8	16.9	0	18.5	18.4	18.4	18.4	18.4	0	20.4

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NR Band 53 Measured Results (ANT1, Power State 1)

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		19.0		0	20.7		19.0		0	20.7
		1	22		19.0		0	20.7		19.0		0	20.7
		12	6		19.0		0	20.7		19.0		0	20.7
	QPSK	1	1		19.1		0	20.7		19.1		0	20.7
		1	22		19.2		0	20.7		19.2		0	20.7
		12	6		19.2		0	20.7		19.2		0	20.7

NR Band 53 Measured Results (ANT2, Power State 1)

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		17.0		0	18.3		17.3		0	19.2
		1	22		16.9		0	18.3		17.3		0	19.2
		12	6		17.1		0	18.3		17.4		0	19.2
	QPSK	1	1		16.1		0	18.3		17.2		0	19.2
		1	22		16.1		0	18.3		17.2		0	19.2
		12	6		16.1		0	18.3		17.4		0	19.2

NR Band 66 Measured Results (ANT1, Power State 1)

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		25.0		0	25.7		18.9		0	19.6
		1	214		25.0		0	25.7		18.8		0	19.6
		108	54		25.3		0	25.7		18.9		0	19.6
	QPSK	1	1		24.5		0	25.7		19.0		0	19.6
		1	214		24.3		0	25.7		19.0		0	19.6
		108	54		24.9		0	25.7		19.0		0	19.6
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		24.9		0	25.7		18.9		0	19.6
		1	186		24.7		0	25.7		18.8		0	19.6
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		24.8		0	25.7		18.8		0	19.6
		1	158		24.7		0	25.7		18.8		0	19.6
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		24.7		0	25.7		18.6		0	19.6
		1	131		24.5		0	25.7		18.6		0	19.6
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	24.9	24.8	24.8	0	25.7	18.7	18.8	18.7	0	19.6
		1	104	24.9	24.7	24.6	0	25.7	18.8	18.8	18.6	0	19.6
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	25.0	24.9	24.8	0	25.7	18.9	18.7	18.7	0	19.6
		1	77	25.0	24.8	24.7	0	25.7	18.8	18.8	18.7	0	19.6
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	25.0	24.9	24.8	0	25.7	18.8	18.8	18.7	0	19.6
		1	50	25.1	24.7	24.7	0	25.7	18.9	18.8	18.7	0	19.6
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	24.9	24.8	24.7	0	25.7	18.8	18.7	18.6	0	19.6
		1	23	24.9	24.8	24.7	0	25.7	18.7	18.7	18.5	0	19.6

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NR Band 66 Measured Results (ANT2, Power State 1)

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		18.2		0	20		17.4		0	19.4
		1	214		18.4		0	20		17.4		0	19.4
		108	54		18.5		0	20		17.6		0	19.4
	QPSK	1	1		18.4		0	20		17.4		0	19.4
		1	214		18.4		0	20		17.4		0	19.4
		108	54		18.3		0	20		17.4		0	19.4
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		18.0		0	20		17.4		0	19.4
		1	186		18.2		0	20		17.4		0	19.4
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		18.2		0	20		17.4		0	19.4
		1	158		18.3		0	20		17.4		0	19.4
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		18.1		0	20		17.4		0	19.4
		1	131		18.1		0	20		17.4		0	19.4
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	18.2	18.2	0	20	17.4	17.4	17.4	0	19.4
		1	104	18.2	18.3	18.2	0	20	17.4	17.4	17.4	0	19.4
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	18.3	18.1	18.3	0	20	17.4	17.4	17.4	0	19.4
		1	77	18.3	18.4	18.4	0	20	17.4	17.4	17.4	0	19.4
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	18.1	18.2	18.3	0	20	17.4	17.4	17.4	0	19.4
		1	50	18.3	18.4	18.3	0	20	17.4	17.4	17.4	0	19.4
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	18.3	18.2	18.2	0	20	17.4	17.4	17.4	0	19.4
		1	23	18.3	18.2	18.2	0	20	17.4	17.4	17.4	0	19.4

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NR Band 66 Measured Results (ANT3, Power State 1)

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		23.2		0	24.2		21.4		0	22.1
		1	214		23.2		0	24.2		21.4		0	22.1
		108	54		23.1		0	24.2		21.6		0	22.1
	QPSK	1	1		23.1		0	24.2		21.4		0	22.1
		1	214		23.1		0	24.2		21.3		0	22.1
		108	54		23.4		0	24.2		21.6		0	22.1
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		23.3		0	24.2		21.7		0	22.1
		1	186		23.5		0	24.2		21.7		0	22.1
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		23.6		0	24.2		21.8		0	22.1
		1	158		23.5		0	24.2		21.8		0	22.1
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		23.5		0	24.2		21.7		0	22.1
		1	131		23.3		0	24.2		21.6		0	22.1
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	23.6	23.5	23.5	0	24.2	21.7	21.8	21.7	0	22.1
		1	104	23.6	23.5	23.2	0	24.2	21.7	21.7	21.4	0	22.1
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	23.4	23.6	23.4	0	24.2	21.7	21.8	21.6	0	22.1
		1	77	23.5	23.5	23.2	0	24.2	21.7	21.7	21.4	0	22.1
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	23.6	23.6	23.5	0	24.2	21.8	21.7	21.6	0	22.1
		1	50	23.6	23.5	23.2	0	24.2	21.7	21.8	21.4	0	22.1
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	23.5	23.6	23.2	0	24.2	21.6	21.8	21.3	0	22.1
		1	23	23.7	23.6	23.3	0	24.2	21.7	21.7	21.4	0	22.1

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NR Band 66 Measured Results (ANT4, Power State 1)

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		18.2		0	20		20.4		0	21.8
		1	214		18.4		0	20		20.1		0	21.8
		108	54		18.6		0	20		20.3		0	21.8
	QPSK	1	1		18.0		0	20		19.9		0	21.8
		1	214		18.3		0	20		19.9		0	21.8
		108	54		18.3		0	20		19.8		0	21.8
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		18.4		0	20		20.2		0	21.8
		1	186		18.3		0	20		20.2		0	21.8
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		18.5		0	20		20.3		0.2	21.8
		1	158		18.4		0	20		20.3		0.2	21.8
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					#VALUE!	0.2	0.2	0.2	0.2
				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		18.3		0	20		20.1		0	21.8
		1	131		18.3		0	20		20.2		0	21.8
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	18.5	18.3	18.4	0	20	20.3	20.3	20.3	0	21.8
		1	104	18.4	18.5	18.3	0	20	20.3	20.4	20.2	0	21.8
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	18.4	18.5	18.5	0	20	20.3	20.3	20.3	0	21.8
		1	77	18.3	18.5	18.3	0	20	20.2	20.4	20.3	0	21.8
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	18.5	18.5	18.6	0	20	20.3	20.4	20.5	0	21.8
		1	50	18.4	18.5	18.4	0	20	20.3	20.5	20.3	0	21.8
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	18.5	18.6	18.3	0	20	20.2	20.5	20.1	0	21.8
		1	23	18.4	18.5	18.4	0	20	20.3	20.4	20.0	0	21.8

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NR Band 70 Measured Results (ANT1, Power State 1)

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		24.7		0	25.7		18.8		0	19.6
		1	77		24.7		0	25.7		18.7		0	19.6
		36	22		25.2		0	25.7		18.8		0	19.6
	QPSK	1	1		25.0		0	25.7		18.6		0	19.6
		1	77		25.1		0	25.7		18.6		0	19.6
		36	22		25.0		0	25.7		18.7		0	19.6
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		25.0		0	25.7		18.5		0	19.6
		1	50		25.0		0	25.7		18.6		0	19.6
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	25.0	25.0	25.1	0	25.7	18.5	18.5	18.4	0	19.6
		1	23	25.1	25.0	25.1	0	25.7	18.5	18.5	18.5	0	19.6

NR Band 70 Measured Results (ANT2, Power State 1)

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		18.5		0	20		17.4		0	19.4
		1	77		18.5		0	20		17.4		0	19.4
		36	22		18.5		0	20		17.4		0	19.4
	QPSK	1	1		18.4		0	20		17.4		0	19.4
		1	77		18.5		0	20		17.5		0	19.4
		36	22		18.5		0	20		17.5		0	19.4
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		18.3		0	20		17.6		0	19.4
		1	50		18.4		0	20		17.6		0	19.4
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	18.2	18.4	0	20	17.6	17.5	17.4	0	19.4
		1	23	18.4	18.3	18.4	0	20	17.6	17.5	17.6	0	19.4

NR Band 70 Measured Results (ANT3, Power State 1)

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		23.1		0	24.2		21.2		0	22.1
		1	77		23.2		0	24.2		21.4		0	22.1
		36	22		23.3		0	24.2		21.6		0	22.1
	QPSK	1	1		23.0		0	24.2		21.3		0	22.1
		1	77		23.0		0	24.2		21.2		0	22.1
		36	22		23.3		0	24.2		21.6		0	22.1
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		23.2		0	24.2		21.4		0	22.1
		1	50		23.1		0	24.2		21.3		0	22.1
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	23.0	23.2	23.1	0	24.2	21.2	21.3	21.2	0	22.1
		1	23	23.2	23.1	23.2	0	24.2	21.3	21.2	21.2	0	22.1

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NR Band 70 Measured Results (ANT4, Power State 1)

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	20		20.4		0	21.8
		1	77		18.5		0	20		20.6		0	21.8
		36	22		18.6		0	20		20.6		0	21.8
	QPSK	1	1		18.2		0	20		19.8		0	21.8
		1	77		18.4		0	20		19.8		0	21.8
		36	22		18.4		0	20		19.8		0	21.8
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)			MPR	Max Power	Mode B Power (dBm)			MPR	Max Power
				340000	340500	341000			340000	340500	341000		
				1700 MHz	1702.5 MHz	1705 MHz			1700 MHz	1702.5 MHz	1705 MHz		
10	π/2 BPSK	1	1		18.3		0	20		19.8		0	21.8
		1	50		18.4		0	20		19.8		0	21.8
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)			MPR	Max Power	Mode B Power (dBm)			MPR	Max Power
				339500	340500	341500			339500	340500	341500		
				1697.5 MHz	1702.5 MHz	1707.5 MHz			1697.5 MHz	1702.5 MHz	1707.5 MHz		
5	π/2 BPSK	1	1	18.3	18.5	18.5	0	20	19.8	19.8	19.8	0	21.8
		1	23	18.4	18.4	18.4	0	20	19.8	19.8	19.8	0	21.8

NR Band 71 Measured Results (ANT1, Power State 1)

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		23.5		0	24.7		23.5		0	24.7
		1	104		23.4		0	24.7		23.4		0	24.7
		50	28		23.9		0	24.7		23.9		0	24.7
	QPSK	1	1		24.0		0	24.7		24.0		0	24.7
		1	104		22.9		0	24.7		22.9		0	24.7
		50	28		23.3		0	24.7		23.3		0	24.7
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)			MPR	Max Power	Mode B Power (dBm)			MPR	Max Power
				134100	136100	138100			134100	136100	138100		
				670.5 MHz	680.5 MHz	690.5 MHz			670.5 MHz	680.5 MHz	690.5 MHz		
15	π/2 BPSK	1	1		22.8		0	24.7		22.8		0	24.7
		1	77		22.8		0	24.7		22.8		0	24.7
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)			MPR	Max Power	Mode B Power (dBm)			MPR	Max Power
				133600	136100	138600			133600	136100	138600		
				668 MHz	680.5 MHz	693 MHz			668 MHz	680.5 MHz	693 MHz		
10	π/2 BPSK	1	1	22.8	22.9	22.8	0	24.7	22.8	22.9	22.8	0	24.7
		1	50	22.9	22.9	22.9	0	24.7	22.9	22.9	22.9	0	24.7
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)			MPR	Max Power	Mode B Power (dBm)			MPR	Max Power
				133100	136100	139100			133100	136100	139100		
				665.5 MHz	680.5 MHz	695.5 MHz			665.5 MHz	680.5 MHz	695.5 MHz		
5	π/2 BPSK	1	1	22.7	22.8	22.8	0	24.7	22.7	22.8	22.8	0	24.7
		1	23	22.8	22.8	22.9	0	24.7	22.8	22.8	22.9	0	24.7

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NR Band 71 Measured Results (ANT2, Power State 1)

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		24.6		0	25.7		24.6		0	25.7
		1	104		24.7		0	25.7		24.7		0	25.7
		50	28		24.9		0	25.7		24.9		0	25.7
	QPSK	1	1		24.3		0	25.7		24.3		0	25.7
		1	104		24.3		0	25.7		24.3		0	25.7
		50	28		24.7		0	25.7		24.7		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		24.3		0	25.7		24.3		0	25.7
		1	77		24.2		0	25.7		24.2		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	24.2	24.2	24.3	0	25.7	24.2	24.2	24.3	0	25.7
		1	50	24.4	24.3	24.2	0	25.7	24.4	24.3	24.2	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	24.2	24.2	24.2	0	25.7	24.2	24.2	24.2	0	25.7
		1	23	24.2	24.1	24.3	0	25.7	24.2	24.1	24.3	0	25.7

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NR Band 77 (Block A) Measured Results (ANT7, Power State 1)

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		22.1		0	23.8		17.5		0	19
		1	271		21.9		0	23.8		17.2		0	19
		135	69		22.2		0	23.8		17.5		0	19
	QPSK	1	1		22.3		0	23.8		17.5		0	19
		1	271		22.0		0	23.8		17.3		0	19
		135	69		22.2		0	23.8		17.5		0	19
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		21.8		0	23.8		17.1		0	19
		1	243		21.9		0	23.8		17.1		0	19
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		22.0		0	23.8		17.3		0	19
		1	215		21.9		0	23.8		17.1		0	19
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		21.8		0	23.8		17.1		0	19
		1	187		22.0		0	23.8		17.2		0	19
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		21.9		0	23.8		17.3		0	19
		1	160		21.9		0	23.8		17.2		0	19
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		21.9		0	23.8		17.3		0	19
		1	131		21.8		0	23.8		17.3		0	19
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		22.1		0	23.8		17.5		0	19
		1	104		22.0		0	23.8		17.5		0	19
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	22.0	22.0	21.9	0	23.8	17.5	17.5	17.4	0	19
		1	76	22.0	22.0	21.9	0	23.8	17.5	17.4	17.2	0	19
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				630834	633334	635832	MPR	Max Power	630834	633334	635832	MPR	Max Power
				3462.51 MHz	3500.01 MHz	3537.48 MHz			3462.51 MHz	3500.01 MHz	3537.48 MHz		
25	π/2 BPSK	1	1	21.8	21.9	21.8	0	23.8	17.2	17.3	17.1	0	19
		1	63	21.9	21.9	21.8	0	23.8	17.2	17.2	17.0	0	19
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	21.8	21.9	21.8	0	23.8	17.4	17.3	17.2	0	19
		1	49	21.9	21.9	21.8	0	23.8	17.4	17.3	17.2	0	19
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	21.8	21.9	21.8	0	23.8	17.3	17.3	17.2	0	19
		1	36	21.8	21.9	21.8	0	23.8	17.3	17.3	17.1	0	19
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	21.9	21.9	21.8	0	23.8	17.3	17.3	17.0	0	19
		1	22	21.9	21.9	21.8	0	23.8	17.2	17.4	17.1	0	19

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NR Band 77 (Block C) Measured Results (ANT7, Power State 1)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				650002	652402	654802	657200	659600	661998	MPR	Max Power	650002	652402	654802	657200	659600	661998	MPR	Max Power
				3750.03 MHz	3786.03 MHz	3822.03 MHz	3858 MHz	3894 MHz	3929.97 MHz			3750.03 MHz	3786.03 MHz	3822.03 MHz	3858 MHz	3894 MHz	3929.97 MHz		
100	π/2 BPSK	1	1				22.2			0	23.8				17.5			0	19
		1	271				21.9			0	23.8				17.3			0	19
		135	69				22.1			0	23.8				17.4			0	19
	QPSK	1	1				21.9			0	23.8				17.1			0	19
		1	271				21.8			0	23.8				17.0			0	19
		135	69				21.8			0	23.8				17.1			0	19
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				22.3			0	23.8				17.5			0	19
		1	243				21.9			0	23.8				17.3			0	19
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				649336	652002	654668	657334	660000	662664	MPR	Max Power	649336	652002	654668	657334	660000	662664	MPR	Max Power
				3740.04 MHz	3780.03 MHz	3820.02 MHz	3860.01 MHz	3900 MHz	3939.96 MHz			3740.04 MHz	3780.03 MHz	3820.02 MHz	3860.01 MHz	3900 MHz	3939.96 MHz		
80	π/2 BPSK	1	1				22.2			0	23.8				17.5			0	19
		1	215				21.9			0	23.8				17.3			0	19
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				649002	651802	654602	657400	660200	662998	MPR	Max Power	649002	651802	654602	657400	660200	662998	MPR	Max Power
				3735.03 MHz	3777.03 MHz	3819.03 MHz	3861 MHz	3903 MHz	3944.97 MHz			3735.03 MHz	3777.03 MHz	3819.03 MHz	3861 MHz	3903 MHz	3944.97 MHz		
70	π/2 BPSK	1	1				22.1			0	23.8				17.4			0	19
		1	187				21.8			0	23.8				17.9			0	19
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				22.1			0	23.8				17.3			0	19
		1	160				21.9			0	23.8				17.3			0	19
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				648336	651402	654468	657534	660600	663664	MPR	Max Power	648336	651402	654468	657534	660600	663664	MPR	Max Power
				3725.04 MHz	3771.03 MHz	3817.02 MHz	3863.01 MHz	3909 MHz	3954.96 MHz			3725.04 MHz	3771.03 MHz	3817.02 MHz	3863.01 MHz	3909 MHz	3954.96 MHz		
50	π/2 BPSK	1	1				22.1			0	23.8				17.4			0	19
		1	131				22.0			0	23.8				17.4			0	19
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				648002	651202	654402	657600	660800	663998	MPR	Max Power	648002	651202	654402	657600	660800	663998	MPR	Max Power
				3720.03 MHz	3768.03 MHz	3816.03 MHz	3864 MHz	3912 MHz	3959.97 MHz			3720.03 MHz	3768.03 MHz	3816.03 MHz	3864 MHz	3912 MHz	3959.97 MHz		
40	π/2 BPSK	1	1	23.3	22.2	22.1	22.1	22.1	21.9	0	23.8	17.5	17.4	17.4	17.3	17.2	17.1	0	19
		1	104	22.1	22.2	22.1	22.1	22.1	21.9	0	23.8	17.3	17.4	17.4	17.3	17.1	17.3	0	19
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	22.4	22.1	22.3	21.9	22.0	22.1	0	23.8	17.5	17.2	17.3	17.0	17.1	17.0	0	19
		1	76	22.1	22.1	22.2	22.1	22.2	22.0	0	23.8	17.2	17.2	17.3	17.2	17.1	17.2	0	19
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				647502	650902	654302	657700	661100	664498	MPR	Max Power	647502	650902	654302	657700	661100	664498	MPR	Max Power
				3712.53 MHz	3763.53 MHz	3814.53 MHz	3865.5 MHz	3916.5 MHz	3967.47 MHz			3712.53 MHz	3763.53 MHz	3814.53 MHz	3865.5 MHz	3916.5 MHz	3967.47 MHz		
25	π/2 BPSK	1	1	22.2	21.8	22.0	21.8	21.9	21.8	0	23.8	17.6	17.5	17.6	17.5	17.6	17.6	0	19
		1	63	22.0	21.8	21.8	21.8	21.8	21.8	0	23.8	17.4	17.4	17.5	17.5	17.4	17.4	0	19
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				647336	650802	654268	657734	661200	664664	MPR	Max Power	647336	650802	654268	657734	661200	664664	MPR	Max Power
				3710.04 MHz	3762.03 MHz	3814.02 MHz	3866.01 MHz	3918 MHz	3969.96 MHz			3710.04 MHz	3762.03 MHz	3814.02 MHz	3866.01 MHz	3918 MHz	3969.96 MHz		
20	π/2 BPSK	1	1	22.3	22.0	21.8	21.8	21.9	21.8	0	23.8	17.6	17.6	17.8	17.6	17.6	17.5	0	19
		1	49	22.0	21.8	22.0	22.0	21.8	21.9	0	23.8	17.6	17.4	17.8	17.6	17.7	17.5	0	19
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	22.3	21.9	22.2	21.8	21.9	21.8	0	23.8	17.6	17.6	17.7	17.5	17.6	17.5	0	19
		1	36	22.0	21.9	22.0	21.8	21.8	21.9	0	23.8	17.6	17.5	17.7	17.5	17.5	17.6	0	19
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				647002	650602	654202	657800	661400	664998	MPR	Max Power	647002	650602	654202	657800	661400	664998	MPR	Max Power
				3705.03 MHz	3759.03 MHz	3813.03 MHz	3867 MHz	3921 MHz	3974.97 MHz			3705.03 MHz	3759.03 MHz	3813.03 MHz	3867 MHz	3921 MHz	3974.97 MHz		
10	π/2 BPSK	1	1	22.2	21.9	22.1	21.9	21.8	21.9	0	23.8	17.7	17.7	17.8	17.8	17.4	17.5	0	19
		1	22	22.1	21.8	22.0	21.8	21.8	21.9	0	23.8	17.7	17.6	17.8	17.5	17.6	17.5	0	19

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NR Band 77 (Block A) Measured Results (ANT8, Power State 1)

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		22.2		0	23.6		18.6		0	20.1
		1	271		22.2		0	23.6		18.6		0	20.1
		135	69		22.2		0	23.6		18.1		0	20.1
	QPSK	1	1		21.6		0	23.6		18.1		0	20.1
		1	271		21.6		0	23.6		18.1		0	20.1
		135	69		21.6		0	23.6		18.1		0	20.1
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		21.9		0	23.6		18.7		0	20.1
		1	243		21.8		0	23.6		18.6		0	20.1
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		22.1		0	23.6		18.8		0	20.1
		1	215		21.9		0	23.6		18.6		0	20.1
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		22.0		0	23.6		18.7		0	20.1
		1	187		21.8		0	23.6		18.4		0	20.1
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		22.0		0	23.6		18.7		0	20.1
		1	160		21.9		0	23.6		18.5		0	20.1
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		21.9		0	23.6		18.8		0	20.1
		1	131		21.8		0	23.6		18.7		0	20.1
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		22.0		0	23.6		18.9		0	20.1
		1	104		22.0		0	23.6		18.9		0	20.1
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	22.2	22.1	22.1	0	23.6	18.9	18.9	18.8	0	20.1
		1	76	22.1	21.9	22.0	0	23.6	18.9	18.7	18.9	0	20.1
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				630834	633334	635832	MPR	Max Power	630834	633334	635832	MPR	Max Power
				3462.51 MHz	3500.01 MHz	3537.48 MHz			3462.51 MHz	3500.01 MHz	3537.48 MHz		
25	π/2 BPSK	1	1	22.0	21.9	21.9	0	23.6	18.8	18.6	18.7	0	20.1
		1	63	22.0	21.8	21.8	0	23.6	18.8	18.5	18.6	0	20.1
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	22.1	21.9	21.9	0	23.6	19.0	18.8	18.7	0	20.1
		1	49	22.1	21.8	21.9	0	23.6	18.8	18.5	18.6	0	20.1
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	22.1	22.0	22.0	0	23.6	18.8	18.6	18.6	0	20.1
		1	36	22.1	21.8	22.0	0	23.6	18.8	18.6	18.6	0	20.1
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	22.1	21.9	21.9	0	23.6	18.9	18.7	18.6	0	20.1
		1	22	22.1	21.8	22.0	0	23.6	18.9	18.5	18.6	0	20.1

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NR Band 77 (Block C) Measured Results (ANT8, Power State 1)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				650002	652402	654802	657200	659600	661998	MPR	Max Power	650002	652402	654802	657200	659600	661998	MPR	Max Power
				3750.03 MHz	3786.03 MHz	3822.03 MHz	3858 MHz	3894 MHz	3929.97 MHz			3750.03 MHz	3786.03 MHz	3822.03 MHz	3858 MHz	3894 MHz	3929.97 MHz		
100	π/2 BPSK	1	1				22.1			0	23.6				18.9			0	20.1
		1	271				22.1			0	23.6				18.9			0	20.1
		135	69				21.6			0	23.6				18.5			0	20.1
	QPSK	1	1				21.6			0	23.6				18.1			0	20.1
		1	271				21.6			0	23.6				18.1			0	20.1
		135	69				21.6			0	23.6				18.1			0	20.1
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				21.6			0	23.6				18.1			0	20.1
		1	243				21.6			0	23.6				18.1			0	20.1
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				649336	652002	654668	657334	660000	662664	MPR	Max Power	649336	652002	654668	657334	660000	662664	MPR	Max Power
				3740.04 MHz	3780.03 MHz	3820.02 MHz	3860.01 MHz	3900 MHz	3939.96 MHz			3740.04 MHz	3780.03 MHz	3820.02 MHz	3860.01 MHz	3900 MHz	3939.96 MHz		
80	π/2 BPSK	1	1				21.6			0	23.6				18.1			0	20.1
		1	215				21.6			0	23.6				18.1			0	20.1
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				649002	651802	654602	657400	660200	662998	MPR	Max Power	649002	651802	654602	657400	660200	662998	MPR	Max Power
				3735.03 MHz	3777.03 MHz	3819.03 MHz	3861 MHz	3903 MHz	3944.97 MHz			3735.03 MHz	3777.03 MHz	3819.03 MHz	3861 MHz	3903 MHz	3944.97 MHz		
70	π/2 BPSK	1	1				21.6			0	23.6				18.1			0	20.1
		1	187				21.6			0	23.6				18.1			0	20.1
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				21.6			0	23.6				18.1			0	20.1
		1	160				21.6			0	23.6				18.1			0	20.1
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				648336	651402	654468	657534	660600	663664	MPR	Max Power	648336	651402	654468	657534	660600	663664	MPR	Max Power
				3725.04 MHz	3771.03 MHz	3817.02 MHz	3863.01 MHz	3909 MHz	3954.96 MHz			3725.04 MHz	3771.03 MHz	3817.02 MHz	3863.01 MHz	3909 MHz	3954.96 MHz		
50	π/2 BPSK	1	1				21.6			0	23.6				18.1			0	20.1
		1	131				21.6			0	23.6				18.1			0	20.1
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				648002	651202	654402	657600	660800	663998	MPR	Max Power	648002	651202	654402	657600	660800	663998	MPR	Max Power
				3720.03 MHz	3768.03 MHz	3816.03 MHz	3864 MHz	3912 MHz	3959.97 MHz			3720.03 MHz	3768.03 MHz	3816.03 MHz	3864 MHz	3912 MHz	3959.97 MHz		
40	π/2 BPSK	1	1	21.6	21.6	21.6	21.6	21.6	21.6	0	23.6	18.4	18.1	18.1	18.1	18.1	18.1	0	20.1
		1	104	21.6	21.6	21.6	21.6	21.6	21.6	0	23.6	18.3	18.1	18.1	18.2	18.1	18.1	0	20.1
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	21.6	21.6	21.6	21.6	21.6	21.6	0	23.6	18.1	18.1	18.1	18.1	18.1	18.1	0	20.1
		1	76	21.6	21.6	21.6	21.6	21.6	21.6	0	23.6	18.1	18.1	18.1	18.1	18.1	18.1	0	20.1
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				647502	650902	654302	657700	661100	664498	MPR	Max Power	647502	650902	654302	657700	661100	664498	MPR	Max Power
				3712.53 MHz	3763.53 MHz	3814.53 MHz	3865.5 MHz	3916.5 MHz	3967.47 MHz			3712.53 MHz	3763.53 MHz	3814.53 MHz	3865.5 MHz	3916.5 MHz	3967.47 MHz		
25	π/2 BPSK	1	1	21.6	21.6	21.6	21.6	21.6	21.6	0	23.6	18.1	18.1	18.1	18.1	18.1	18.1	0	20.1
		1	63	21.6	21.6	21.6	21.6	21.6	21.6	0	23.6	18.1	18.1	18.1	18.1	18.1	18.1	0	20.1
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				647336	650802	654268	657734	661200	664664	MPR	Max Power	647336	650802	654268	657734	661200	664664	MPR	Max Power
				3710.04 MHz	3762.03 MHz	3814.02 MHz	3866.01 MHz	3918 MHz	3969.96 MHz			3710.04 MHz	3762.03 MHz	3814.02 MHz	3866.01 MHz	3918 MHz	3969.96 MHz		
20	π/2 BPSK	1	1	21.6	21.6	21.6	21.6	21.6	21.6	0	23.6	18.1	18.1	18.1	18.1	18.1	18.1	0	20.1
		1	49	21.6	21.6	21.6	21.6	21.6	21.6	0	23.6	18.1	18.1	18.1	18.1	18.1	18.1	0	20.1
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	21.6	21.6	21.6	21.6	21.6	21.6	0	23.6	18.1	18.1	18.1	18.1	18.1	18.1	0	20.1
		1	36	21.6	21.6	21.6	21.6	21.6	21.6	0	23.6	18.1	18.1	18.1	18.1	18.1	18.1	0	20.1
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				647002	650602	654202	657800	661400	664998	MPR	Max Power	647002	650602	654202	657800	661400	664998	MPR	Max Power
				3705.03 MHz	3759.03 MHz	3813.03 MHz	3867 MHz	3921 MHz	3974.97 MHz			3705.03 MHz	3759.03 MHz	3813.03 MHz	3867 MHz	3921 MHz	3974.97 MHz		
10	π/2 BPSK	1	1	21.6	21.6	21.6	21.6	21.6	21.6	0	23.6	18.1	18.1	18.1	18.1	18.1	18.1	0	20.1
		1	22	21.6	21.6	21.6	21.6	21.6	21.6	0	23.6	18.1	18.1	18.1	18.1	18.1	18.1	0	20.1

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NR Band 77 (Block A) Measured Results (ANT9, Power State 1)

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		20.9		0	21.6		17.9		0	18.9
		1	271		20.9		0	21.6		17.8		0	18.9
		135	69		21.1		0	21.6		18.0		0	18.9
	QPSK	1	1		21.3		0	21.6		17.8		0	18.9
		1	271		21.0		0	21.6		17.6		0	18.9
		135	69		21.4		0	21.6		18.0		0	18.9
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		21.1		0	21.6		17.8		0	18.9
		1	243		21.0		0	21.6		17.6		0	18.9
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		21.2		0	21.6		17.9		0	18.9
		1	215		21.0		0	21.6		17.7		0	18.9
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		21.1		0	21.6		17.7		0	18.9
		1	187		20.8		0	21.6		17.6		0	18.9
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		21.1		0	21.6		17.8		0	18.9
		1	160		21.0		0	21.6		17.6		0	18.9
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		21.2		0	21.6		18.0		0	18.9
		1	131		21.1		0	21.6		17.8		0	18.9
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		21.4		0	21.6		18.1		0	18.9
		1	104		21.3		0	21.6		18.1		0	18.9
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	21.4	21.2	21.3	0	21.6	18.0	17.9	17.9	0	18.9
		1	76	21.3	21.1	21.1	0	21.6	18.0	17.8	17.8	0	18.9
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				630834	633334	635832	MPR	Max Power	630834	633334	635832	MPR	Max Power
				3462.51 MHz	3500.01 MHz	3537.48 MHz			3462.51 MHz	3500.01 MHz	3537.48 MHz		
25	π/2 BPSK	1	1	21.1	21.0	20.9	0	21.6	17.9	17.9	17.7	0	18.9
		1	63	21.0	21.0	20.9	0	21.6	17.8	17.8	17.7	0	18.9
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	21.2	21.1	21.0	0	21.6	18.0	17.9	17.7	0	18.9
		1	49	21.2	21.1	21.0	0	21.6	17.9	17.8	17.8	0	18.9
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	21.2	21.1	21.0	0	21.6	18.0	17.9	17.8	0	18.9
		1	36	21.1	21.0	20.9	0	21.6	17.8	17.8	17.7	0	18.9
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	21.2	21.0	21.0	0	21.6	18.0	17.7	17.7	0	18.9
		1	22	21.1	21.1	20.9	0	21.6	17.9	17.8	17.7	0	18.9

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NR Band 77 (Block C) Measured Results (ANT9, Power State 1)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				650002	652402	654802	657200	659600	661998	MPR	Max Power	650002	652402	654802	657200	659600	661998	MPR	Max Power
				3750.03 MHz	3786.03 MHz	3822.03 MHz	3858 MHz	3894 MHz	3929.97 MHz			3750.03 MHz	3786.03 MHz	3822.03 MHz	3858 MHz	3894 MHz	3929.97 MHz		
100	π/2 BPSK	1	1				21.1			0	21.6				17.9			0	18.9
		1	271				20.9			0	21.6				17.5			0	18.9
		135	69				21.0			0	21.6				17.8			0	18.9
	QPSK	1	1				21.2			0	21.6				17.8			0	18.9
		1	271				21.0			0	21.6				17.4			0	18.9
		135	69				21.3			0	21.6				17.7			0	18.9
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				20.6			0	21.6				17.6			0	18.9
		1	243				20.5			0	21.6				17.2			0	18.9
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				649336	652002	654668	657334	660000	662664	MPR	Max Power	649336	652002	654668	657334	660000	662664	MPR	Max Power
				3740.04 MHz	3780.03 MHz	3820.02 MHz	3860.01 MHz	3900 MHz	3939.96 MHz			3740.04 MHz	3780.03 MHz	3820.02 MHz	3860.01 MHz	3900 MHz	3939.96 MHz		
80	π/2 BPSK	1	1				20.9			0	21.6				17.7			0	18.9
		1	215				20.7			0	21.6				17.4			0	18.9
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				649002	651802	654602	657400	660200	662998	MPR	Max Power	649002	651802	654602	657400	660200	662998	MPR	Max Power
				3735.03 MHz	3777.03 MHz	3819.03 MHz	3861 MHz	3903 MHz	3944.97 MHz			3735.03 MHz	3777.03 MHz	3819.03 MHz	3861 MHz	3903 MHz	3944.97 MHz		
70	π/2 BPSK	1	1				20.9			0	21.6				17.8			0	18.9
		1	187				20.6			0	21.6				17.4			0	18.9
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				20.6			0	21.6				17.7			0	18.9
		1	160				20.5			0	21.6				17.4			0	18.9
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				648336	651402	654468	657534	660600	663664	MPR	Max Power	648336	651402	654468	657534	660600	663664	MPR	Max Power
				3725.04 MHz	3771.03 MHz	3817.02 MHz	3863.01 MHz	3909 MHz	3954.96 MHz			3725.04 MHz	3771.03 MHz	3817.02 MHz	3863.01 MHz	3909 MHz	3954.96 MHz		
50	π/2 BPSK	1	1				21.0			0	21.6				17.8			0	18.9
		1	131				20.8			0	21.6				17.5			0	18.9
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				648002	651202	654402	657600	660800	663998	MPR	Max Power	648002	651202	654402	657600	660800	663998	MPR	Max Power
				3720.03 MHz	3768.03 MHz	3816.03 MHz	3864 MHz	3912 MHz	3959.97 MHz			3720.03 MHz	3768.03 MHz	3816.03 MHz	3864 MHz	3912 MHz	3959.97 MHz		
40	π/2 BPSK	1	1	21.1	21.2	21.3	21.2	20.8	20.9	0	21.6	18.0	17.8	18.0	18.0	17.6	17.7	0	18.9
		1	104	21.3	21.2	21.2	21.0	20.9	20.9	0	21.6	18.1	17.9	18.0	17.8	17.7	17.6	0	18.9
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	21.0	20.9	21.1	21.1	20.8	20.8	0	21.6	17.8	17.7	18.0	17.7	17.6	17.7	0	18.9
		1	76	21.1	21.1	21.0	20.8	21.0	20.9	0	21.6	18.1	17.8	17.8	17.6	17.7	17.7	0	18.9
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				647502	650902	654302	657700	661100	664498	MPR	Max Power	647502	650902	654302	657700	661100	664498	MPR	Max Power
				3712.53 MHz	3763.53 MHz	3814.53 MHz	3865.5 MHz	3916.5 MHz	3967.47 MHz			3712.53 MHz	3763.53 MHz	3814.53 MHz	3865.5 MHz	3916.5 MHz	3967.47 MHz		
25	π/2 BPSK	1	1	20.9	20.9	21.1	21.0	20.9	21.0	0	21.6	17.8	17.7	17.9	17.8	17.6	17.6	0	18.9
		1	63	21.1	21.2	21.1	20.9	20.9	21.0	0	21.6	18.0	17.9	17.9	17.6	17.7	17.7	0	18.9
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				647336	650802	654268	657734	661200	664664	MPR	Max Power	647336	650802	654268	657734	661200	664664	MPR	Max Power
				3710.04 MHz	3762.03 MHz	3814.02 MHz	3866.01 MHz	3918 MHz	3969.96 MHz			3710.04 MHz	3762.03 MHz	3814.02 MHz	3866.01 MHz	3918 MHz	3969.96 MHz		
20	π/2 BPSK	1	1	21.0	21.0	21.0	21.0	21	21.2	0	21.6	17.8	17.7	17.9	17.8	17.8	18.0	0	18.9
		1	49	21.0	21.2	21.3	21.0	21.1	21.2	0	21.6	17.9	17.9	18.1	17.7	17.9	18.0	0	18.9
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	21.4	21.1	21.5	21.2	21.0	21.1	0	21.6	18.2	17.9	18.2	17.9	17.7	17.9	0	18.9
		1	36	21.5	21.2	21.3	21.2	21.0	21.1	0	21.6	18.2	17.9	18.1	18.0	17.8	17.8	0	18.9
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				647002	650602	654202	657800	661400	664998	MPR	Max Power	647002	650602	654202	657800	661400	664998	MPR	Max Power
				3705.03 MHz	3759.03 MHz	3813.03 MHz	3867 MHz	3921 MHz	3974.97 MHz			3705.03 MHz	3759.03 MHz	3813.03 MHz	3867 MHz	3921 MHz	3974.97 MHz		
10	π/2 BPSK	1	1	21.4	21.1	21.4	21.1	20.9	21.2	0	21.6	18.1	18.0	18.1	17.9	17.7	18.0	0	18.9
		1	22	21.4	21.1	21.3	21.1	20.9	21.2	0	21.6	18.2	17.9	18.1	17.9	17.8	17.9	0	18.9

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NR Band 77 (Block A) Measured Results (ANT4, Power State 1)

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		17.5		0	18.9		19.3		0	20.3
		1	271		17.2		0	18.9		19.3		0	20.3
		135	69		17.5		0	18.9		19.3		0	20.3
	QPSK	1	1		17.2		0	18.9		19.3		0	20.3
		1	271		17.2		0	18.9		19.3		0	20.3
		135	69		17.2		0	18.9		19.3		0	20.3
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		17.2		0	18.9		19.3		0	20.3
		1	243		17.0		0	18.9		19.3		0	20.3
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		17.1		0	18.9		19.3		0	20.3
		1	215		17.1		0	18.9		19.3		0	20.3
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		17.0		0	18.9		19.3		0	20.3
		1	187		17.0		0	18.9		19.3		0	20.3
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		17.2		0	18.9		19.3		0	20.3
		1	160		17.1		0	18.9		19.3		0	20.3
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		17.2		0	18.9		19.3		0	20.3
		1	131		17.3		0	18.9		19.3		0	20.3
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		17.4		0	18.9		19.3		0	20.3
		1	104		17.6		0	18.9		19.3		0	20.3
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	17.6	17.4	17.4	0	18.9	19.3	19.3	19.3	0	20.3
		1	76	17.4	17.4	17.4	0	18.9	19.3	19.4	19.2	0	20.3
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)					Mode B Power (dBm)				
				630834	633334	635832	MPR	Max Power	630834	633334	635832	MPR	Max Power
				3462.51 MHz	3500.01 MHz	3537.48 MHz			3462.51 MHz	3500.01 MHz	3537.48 MHz		
25	π/2 BPSK	1	1	17.3	17.2	17.2	0	18.9	19.3	19.3	19.3	0	20.3
		1	63	17.2	17.2	17.1	0	18.9	19.3	19.3	19.3	0	20.3
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	17.3	17.3	17.3	0	18.9	19.3	19.3	19.3	0	20.3
		1	49	17.3	17.4	17.3	0	18.9	19.3	19.3	19.3	0	20.3
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	17.2	17.2	0	18.9	19.3	19.3	19.3	0	20.3
		1	36	17.3	17.3	17.2	0	18.9	19.3	19.3	19.3	0	20.3
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	17.2	17.2	0	18.9	19.3	19.3	19.3	0	20.3
		1	22	17.3	17.3	17.1	0	18.9	19.3	19.3	19.3	0	20.3

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NR Band 77 (Block C) Measured Results (ANT4, Power State 1)

BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				650002	652402	654802	657200	659600	661998	MPR	Max Power	650002	652402	654802	657200	659600	661998	MPR	Max Power
				3750.03 MHz	3786.03 MHz	3822.03 MHz	3858 MHz	3894 MHz	3929.97 MHz			3750.03 MHz	3786.03 MHz	3822.03 MHz	3858 MHz	3894 MHz	3929.97 MHz		
100	π/2 BPSK	1	1				17.0			0	18.9				19.1			0	20.3
		1	271				16.9			0	18.9				18.8			0	20.3
		135	69				17.0			0	18.9				19.1			0	20.3
	QPSK	1	1				17.3			0	18.9				18.6			0	20.3
		1	271				17.1			0	18.9				18.5			0	20.3
		135	69				17.3			0	18.9				18.6			0	20.3
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				16.9			0	18.9				18.3			0	20.3
		1	243				16.9			0	18.9				18.3			0	20.3
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				649336	652002	654668	657334	660000	662664	MPR	Max Power	649336	652002	654668	657334	660000	662664	MPR	Max Power
				3740.04 MHz	3780.03 MHz	3820.02 MHz	3860.01 MHz	3900 MHz	3939.96 MHz			3740.04 MHz	3780.03 MHz	3820.02 MHz	3860.01 MHz	3900 MHz	3939.96 MHz		
80	π/2 BPSK	1	1				16.9			0	18.9				18.3			0	20.3
		1	215				16.9			0	18.9				18.2			0	20.3
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				649002	651802	654602	657400	660200	662998	MPR	Max Power	649002	651802	654602	657400	660200	662998	MPR	Max Power
				3735.03 MHz	3777.03 MHz	3819.03 MHz	3861 MHz	3903 MHz	3944.97 MHz			3735.03 MHz	3777.03 MHz	3819.03 MHz	3861 MHz	3903 MHz	3944.97 MHz		
70	π/2 BPSK	1	1				16.9			0	18.9				18.3			0	20.3
		1	187				16.9			0	18.9				18.2			0	20.3
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				16.9			0	18.9				18.3			0	20.3
		1	160				16.9			0	18.9				18.3			0	20.3
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				648336	651402	654468	657534	660600	663664	MPR	Max Power	648336	651402	654468	657534	660600	663664	MPR	Max Power
				3725.04 MHz	3771.03 MHz	3817.02 MHz	3863.01 MHz	3909 MHz	3954.96 MHz			3725.04 MHz	3771.03 MHz	3817.02 MHz	3863.01 MHz	3909 MHz	3954.96 MHz		
50	π/2 BPSK	1	1				16.9			0	18.9				18.3			0	20.3
		1	131				16.9			0	18.9				18.3			0	20.3
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				648002	651202	654402	657600	660800	663998	MPR	Max Power	648002	651202	654402	657600	660800	663998	MPR	Max Power
				3720.03 MHz	3768.03 MHz	3816.03 MHz	3864 MHz	3912 MHz	3959.97 MHz			3720.03 MHz	3768.03 MHz	3816.03 MHz	3864 MHz	3912 MHz	3959.97 MHz		
40	π/2 BPSK	1	1	16.9	16.9	16.9	16.9	16.9	16.9	0	18.9	18.3	18.7	18.7	18.6	18.6	19.0	0	20.3
		1	104	16.9	16.9	16.9	16.9	16.9	16.9	0	18.9	18.8	18.6	18.7	18.6	18.7	18.9	0	20.3
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	17.0	16.9	16.9	16.9	16.9	16.9	0	18.9	19.0	19.0	18.9	18.6	18.9	19.0	0	20.3
		1	76	17.0	17.0	16.9	16.9	16.9	17.0	0	18.9	19.0	19.0	18.9	18.7	18.9	19.0	0	20.3
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				647502	650902	654302	657700	661100	664498	MPR	Max Power	647502	650902	654302	657700	661100	664498	MPR	Max Power
				3712.53 MHz	3763.53 MHz	3814.53 MHz	3865.5 MHz	3916.5 MHz	3967.47 MHz			3712.53 MHz	3763.53 MHz	3814.53 MHz	3865.5 MHz	3916.5 MHz	3967.47 MHz		
25	π/2 BPSK	1	1	16.9	16.9	16.9	16.9	16.9	16.9	0	18.9	18.8	18.8	19.0	18.5	18.7	18.7	0	20.3
		1	63	16.8	16.9	16.9	16.9	16.9	16.9	0	18.9	18.8	18.8	18.9	18.5	18.7	18.8	0	20.3
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				647336	650802	654268	657734	661200	664664	MPR	Max Power	647336	650802	654268	657734	661200	664664	MPR	Max Power
				3710.04 MHz	3762.03 MHz	3814.02 MHz	3866.01 MHz	3918 MHz	3969.96 MHz			3710.04 MHz	3762.03 MHz	3814.02 MHz	3866.01 MHz	3918 MHz	3969.96 MHz		
20	π/2 BPSK	1	1	16.9	16.9	16.9	16.9	16.9	16.9	0	18.9	18.8	18.8	19.0	18.5	18.9	18.8	0	20.3
		1	49	16.9	16.9	16.9	16.9	16.9	16.9	0	18.9	18.8	18.9	19.0	18.5	18.9	18.8	0	20.3
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	16.9	16.9	16.9	16.9	16.9	16.9	0	18.9	18.8	18.8	18.9	18.5	18.7	18.8	0	20.3
		1	36	16.9	16.9	16.9	16.9	16.9	16.9	0	18.9	18.8	18.9	19.0	18.6	18.9	18.7	0	20.3
BW (MHz)	Modulation	RB Allocation	RB offset	Mode A Power (dBm)								Mode B Power (dBm)							
				647002	650602	654202	657800	661400	664998	MPR	Max Power	647002	650602	654202	657800	661400	664998	MPR	Max Power
				3705.03 MHz	3759.03 MHz	3813.03 MHz	3867 MHz	3921 MHz	3974.97 MHz			3705.03 MHz	3759.03 MHz	3813.03 MHz	3867 MHz	3921 MHz	3974.97 MHz		
10	π/2 BPSK	1	1	16.9	16.9	16.9	16.9	16.9	16.9	0	18.9	18.8	18.8	18.9	18.5	18.7	18.8	0	20.3
		1	22	16.9	16.9	16.9	16.9	16.9	16.9	0	18.9	18.8	18.8	18.9	18.7	18.7	18.7	0	20.3

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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 HE20 (SISO) Low Rate	11ax HE20 (SISO) Mid Rate	11ax HE20 (SISO) High Rate	11ax HE20 RU242 (SISO)	11ax HE20 RU106 (SISO)	11ax HE20 RU52 (SISO)	11ax HE20 RU26 (SISO)	11n/11ac HT20 (2Tx, nonTXBF) Low Rate	11n/11ac HT20 (2Tx, nonTXBF) Mid Rate	11n/11ac HT20 (2Tx, nonTXBF) High Rate	11ax HE20 (2Tx, nonTXBF) Low Rate	11ax HE20 (2Tx, nonTXBF) Mid Rate	11ax HE20 (2Tx, nonTXBF) High Rate	11ax HE20 RU242 (2Tx, nonTxBF)	11ax HE20 RU106 (2Tx, nonTxBF)	11ax HE20 RU52 (2Tx, nonTxBF)	11ax HE20 RU26 (2Tx, nonTxBF)
1	2412	**20.50**	18.00	17.50	16.50	18.00	17.50	16.50	17.00	16.00	15.50	15.50	15.50	14.75	11.75	17.50	16.50	16.00	16.00	15.50	15.00	15.00	15.00	14.75	11.75
2	2417	**21.50**	19.50	19.50	19.50	19.50	19.50	19.50	18.00	18.00	18.00	18.00	17.75	14.75	11.75	18.50	18.50	18.50	17.00	17.00	17.00	17.00	17.00	14.75	11.75
3	2422	**21.50**	21.50	20.75	20.00	21.50	20.75	20.00	21.50	21.50	21.50	21.50	17.75	14.75	11.75	20.00	20.00	20.00	19.00	19.00	19.00	19.00	17.75	14.75	11.75
4	2427	**21.50**	21.50	21.50	21.50	21.50	21.50	21.50	21.50	21.50	21.50	21.50	17.75	14.75	11.75	21.50	21.50	21.50	21.50	21.50	21.50	21.50	17.75	14.75	11.75
5	2432	**21.50**	21.50	21.50	21.50	21.50	21.50	21.50	21.50	21.50	21.50	21.50	17.75	14.75	11.75	21.50	21.50	21.50	21.50	21.50	21.50	21.50	17.75	14.75	11.75
6	2437	**21.50**	21.50	21.50	21.50	21.50	21.50	21.50	21.50	21.50	21.50	21.50	17.75	14.75	11.75	21.50	21.50	21.50	21.50	21.50	21.50	21.50	17.75	14.75	11.75
7	2442	**21.50**	21.50	21.50	21.50	21.50	21.50	21.50	21.50	21.50	21.50	21.50	17.75	14.75	11.75	21.50	21.50	21.50	21.50	21.50	21.50	21.50	17.75	14.75	11.75
8	2447	**21.50**	21.50	21.50	21.50	21.50	21.50	21.50	21.50	21.50	21.50	21.50	17.75	14.75	11.75	21.50	21.50	21.50	21.50	21.50	21.50	21.50	17.75	14.75	11.75
9	2452	**21.50**	21.00	21.00	20.00	21.00	21.00	20.00	21.50	21.50	21.50	21.50	17.75	14.75	11.75	19.50	19.50	19.50	18.50	18.50	18.50	18.50	17.75	14.75	11.75
10	2457	**21.50**	19.50	19.50	19.50	19.50	19.50	19.50	18.00	18.00	18.00	18.00	17.75	14.75	11.75	18.50	18.50	18.50	17.00	17.00	17.00	17.00	17.00	14.75	11.75
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	14.75	11.75	17.50	17.00	16.50	16.00	15.50	15.00	15.00	15.00	14.75	11.75
12	2467	**20.50**	16.00	15.75	15.50	16.00	15.75	15.50	15.00	14.50	14.00	14.00	14.00	14.00	11.75	15.00	14.50	14.00	14.00	13.50	13.00	13.00	13.00	13.00	11.75
13	2472	**18.00**	13.00	12.50	12.00	13.00	12.50	12.00	9.00	8.75	8.50	8.50	3.00	0.00	0.00	12.00	11.75	11.50	8.50	8.25	8.00	8.00	2.50	-1.00	-1.00

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Wi-Fi 2.4 GHz(Power States)

For 2.4 GHz bands, there are 4 different power states:

- Power State 1 ($CELL_{OFF}$ | $Wi\text{-}Fi_{ON}$) - Mode A (OBD:0 as defined in Section 6)
- Power State 1 ($CELL_{OFF}$ | $Wi\text{-}Fi_{ON}$) - Mode B (OBD:1 as defined in Section 6)
- Power State 2 ($CELL_{ON}$ | $Wi\text{-}Fi_{ON}$) - Mode A (OBD:0 as defined in Section 6)
- Power State 2 ($CELL_{ON}$ | $Wi\text{-}Fi_{ON}$) - Mode B (OBD:1 as defined in Section 6)

Antenna	Mode	Channel	Frequency (MHz)	Maximum Output Power (dBm)			
				Power States 1		Power States 2	
				Mode A	Mode B	Mode A	Mode B
ANT3	802.11b DSSS (SISO)	1	2412	20.50	**20.00**	**18.75**	**16.25**
		2	2417	**21.50**	20.00	18.75	16.25
		3	2422	21.50	20.00	18.75	16.25
		4	2427	21.50	20.00	18.75	16.25
		5	2432	21.50	20.00	18.75	16.25
		6	2437	**21.50**	**20.00**	**18.75**	**16.25**
		7	2442	21.50	20.00	18.75	16.25
		8	2447	21.50	20.00	18.75	16.25
		9	2452	21.50	20.00	18.75	16.25
		10	2457	21.50	20.00	18.75	16.25
		11	2462	**21.50**	**20.00**	**18.75**	**16.25**
		12	2467	20.50	20.00	18.75	16.25
		13	2472	18.00	18.00	18.00	16.25

Antenna	Mode	Channel	Frequency (MHz)	Maximum Output Power (dBm)			
				Power States 1		Power States 2	
				Mode A	Mode B	Mode A	Mode B
ANT4	802.11b DSSS (SISO)	1	2412	**20.50**	**20.00**	**17.00**	**16.00**
		2	2417	20.50	20.00	17.00	16.00
		3	2422	20.50	20.00	17.00	16.00
		4	2427	20.50	20.00	17.00	16.00
		5	2432	20.50	20.00	17.00	16.00
		6	2437	**20.50**	**20.00**	**17.00**	**16.00**
		7	2442	20.50	20.00	17.00	16.00
		8	2447	20.50	20.00	17.00	16.00
		9	2452	20.50	20.00	17.00	16.00
		10	2457	20.50	20.00	17.00	16.00
		11	2462	**20.50**	**20.00**	**17.00**	**16.00**
		12	2467	20.50	20.00	17.00	16.00
		13	2472	18.00	18.00	17.00	16.00

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Wi-Fi 2.4GHz Measured Results

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

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

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

Power Mode	Antenna	Mode	Power Mode A					Power Mode B				
			Ch #	Freq. (MHz)	Meas Pwr (dBm)	Max Output Pwr (dBm)	SAR Test (Yes/No)	Ch #	Freq. (MHz)	Meas Pwr (dBm)	Max Output Pwr (dBm)	SAR Test (Yes/No)
Power State 1	ANT3	DSSS 802.11b	2	2417	20.50	21.50	Yes	1	2412	19.10	20.00	Yes
			6	2437	20.60	21.50		6	2437	19.10	20.00	
			11	2462	20.60	21.50		11	2462	18.90	20.00	
	ANT4	DSSS 802.11b	1	2412	19.40	20.50	Yes	1	2412	18.70	20.00	Yes
			6	2437	19.90	20.50		6	2437	18.80	20.00	
			11	2462	19.50	20.50		11	2462	18.50	20.00	
Power Mode	Antenna	Mode	Power Mode A					Power Mode B				
			Ch #	Freq. (MHz)	Meas Pwr (dBm)	Max Output Pwr (dBm)	SAR Test (Yes/No)	Ch #	Freq. (MHz)	Meas Pwr (dBm)	Max Output Pwr (dBm)	SAR Test (Yes/No)
Power State 2	ANT3	DSSS 802.11b	1	2412	18.10	18.75	Yes	1	2412	15.30	16.25	Yes
			6	2437	18.30	18.75		6	2437	15.30	16.25	
			11	2462	18.20	18.75		11	2462	15.40	16.25	
	ANT4	DSSS 802.11b	1	2412	16.00	17.00	Yes	1	2412	14.30	16.00	Yes
			6	2437	16.00	17.00		6	2437	14.40	16.00	
			11	2462	16.00	17.00		11	2462	14.40	16.00	

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.

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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.

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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 HE20 (SISO) Low Rate	11ax HE20 (SISO) Mid Rate	11ax HE20 (SISO) High Rate	11ax HE20 RU242 (SISO)	11ax HE20 RU106 (SISO)	11ax HE20 RU52 (SISO)	11ax HE20 RU26 (SISO)
20 MHz	U-NII-1	36	5180	19.00	18.75	18.50	19.00	18.75	18.50	18.50	18.25	18.00	18.00	17.25	14.25	11.25
		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
		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
		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
	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	NS
		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	NS
		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	NS
		64	5320	19.00	18.75	18.50	19.00	18.75	18.50	18.50	18.25	18.00	18.00	17.25	14.25	NS
	U-NII-2C	100	5500	18.75	18.50	18.25	18.75	18.50	18.25	18.50	18.25	18.00	18.00	17.25	14.25	NS
		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	NS
		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	NS
		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	NS
		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	NS
		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	NS
		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	NS
		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	NS
		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	NS
		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	NS
		140	5700	18.50	18.00	17.50	18.50	18.00	17.50	16.50	16.25	16.00	16.00	17.25	14.25	NS
		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	NS
	U-NII-3	149	5745	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00	17.25	14.25	11.25
		153	5765	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00	17.25	14.25	11.25
		157	5785	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00	17.25	14.25	11.25
		161	5805	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00	17.25	14.25	11.25
		165	5825	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00	17.25	14.25	11.25

Bandwidth	Band	Channel	Frequency (MHz)	11n/11ac HT40 (SISO) Low Rate	11n/11ac HT40 (SISO) Mid Rate	11n/11ac HT40 (SISO) High Rate	11ax HE40 (SISO) Low Rate	11ax HE40 (SISO) Mid Rate	11ax HE40 (SISO) High Rate	11ax HE40 RU484 (SISO)	11ax HE40 RU106 (SISO)	11ax HE40 RU52 (SISO)	11ax HE40 RU26 (SISO)
40 MHz	U-NII-1	38	5190	17.50	17.25	17.00	16.50	16.25	16.00	16.00	14.25	11.25	8.25
		46	5230	21.00	21.00	21.00	21.00	21.00	21.00	21.00	14.25	11.25	8.25
	U-NII-2A	54	5270	21.00	21.00	21.00	21.00	21.00	21.00	21.00	14.25	11.25	NS
		62	5310	17.50	17.25	17.00	16.50	16.25	16.00	16.00	14.25	11.25	NS
	U-NII-2C	102	5510	16.50	16.25	16.00	16.00	15.75	15.50	15.50	14.25	11.25	NS
		110	5550	21.00	21.00	21.00	21.00	21.00	21.00	21.00	14.25	11.25	NS
		118	5590	21.00	21.00	21.00	21.00	21.00	21.00	21.00	14.25	11.25	NS
		126	5630	21.00	21.00	21.00	21.00	21.00	21.00	21.00	14.25	11.25	NS
		134	5670	20.50	20.50	20.50	19.00	19.00	19.00	19.00	14.25	11.25	NS
		142	5710	21.00	21.00	21.00	21.00	21.00	21.00	21.00	14.25	11.25	NS
	U-NII-3	151	5755	21.00	21.00	21.00	21.00	21.00	21.00	21.00	14.25	11.25	8.25
		159	5795	21.00	21.00	21.00	21.00	21.00	21.00	21.00	14.25	11.25	8.25

Bandwidth	Band	Channel	Frequency (MHz)	11ac VHT80 (SISO) Low Rate	11ac VHT80 (SISO) Mid Rate	11ac VHT80 (SISO) High Rate	11ax HE80 (SISO) Low Rate	11ax HE80 (SISO) Mid Rate	11ax HE80 (SISO) High Rate	11ax HE80 RU996 (SISO)	11ax HE80 RU106 (SISO)	11ax HE80 RU52 (SISO)	11ax HE80 RU26 (SISO)
80 MHz	U-NII-1	42	5210	17.50	17.00	16.50	16.50	16.25	16.00	16.00	11.25	8.00	5.00
	U-NII-2A	58	5290	16.00	15.75	15.50	15.50	15.25	15.00	15.00	11.25	8.00	NS
	U-NII-2C	106	5530	16.00	15.75	15.50	16.00	15.50	15.00	15.00	11.25	8.00	NS
		122	5610	21.00	21.00	21.00	21.00	21.00	21.00	21.00	11.25	8.00	NS
		138	5690	21.00	21.00	21.00	21.00	21.00	21.00	21.00	11.25	8.00	NS
	U-NII-3	155	5775	21.00	20.75	20.50	21.00	20.75	20.50	20.50	11.25	8.00	5.00

Bandwidth	Band	Channel	Frequency (MHz)	11ac VHT160 (SISO) Low Rate	11ac VHT160 (SISO) Mid Rate	11ac VHT160 (SISO) High Rate	11ax HE160 (SISO) Low Rate	11ax HE160 (SISO) Mid Rate	11ax HE160 (SISO) High Rate	11ax HE160 RU996_2 (SISO)	11ax HE160 RU106 (SISO)	11ax HE160 RU52 (SISO)	11ax HE160 RU26 (SISO)
160 MHz	U-NII-1&2A	50	5250	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	U-NII-2C	114	5570	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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| Bandwidth | Band | Channel | Frequency (MHz) | Maximum Output Power (dBm) | | |

Antenna	Mode	Bandwidth	Channel	Frequency	Maximum Output Power (dBm)			
					Power State 1		Power State 2	
					Mode A	Mode B	Mode A	Mode B
ANT5	U-NII-1 5.2 GHz (SISO)	802.11a 20 MHz	36	5180	18.50	14.00	14.50	10.25
			40	5200	18.50	14.00	14.50	10.25
			44	5220	18.50	14.00	14.50	10.25
			48	5240	18.50	14.00	14.50	10.25
		802.11n/ac 40 MHz	38	5190	**17.50**	14.00	14.50	10.25
			46	5230	**18.50**	14.00	14.50	10.25
		802.11ac 80 MHz	42	5210	17.50	**14.00**	14.50	**10.25**
	U-NII-2A 5.3 GHz (SISO)	802.11a 20 MHz	52	5260	18.25	12.50	14.50	8.75
			56	5280	18.25	12.50	14.50	8.75
			60	5300	18.25	12.50	14.50	8.75
			64	5320	18.25	12.50	14.50	8.75
		802.11n/ac 40 MHz	54	5270	18.25	12.50	14.50	8.75
			62	5310	17.50	12.50	14.50	8.75
		802.11ac 80 MHz	58	5290	16.00	12.50	**14.50**	8.75

Antenna	Mode	Bandwidth	Channel	Frequency	Maximum Output Power (dBm)			
					Power State 1		Power State 2	
					Mode A	Mode B	Mode A	Mode B
ANT5	U-NII-2C 5.5 GHz (SISO)	802.11a 20 MHz	100	5500	18.00	11.75	14.25	8.00
			104	5520	18.00	11.75	14.25	8.00
			108	5540	18.00	11.75	14.25	8.00
			112	5560	18.00	11.75	14.25	8.00
			116	5580	18.00	11.75	14.25	8.00
			120	5600	18.00	11.75	14.25	8.00
			124	5620	18.00	11.75	14.25	8.00
			128	5640	18.00	11.75	14.25	8.00
			132	5660	18.00	11.75	14.25	8.00
			136	5680	18.00	11.75	14.25	8.00
			140	5700	18.00	11.75	14.25	8.00
			144	5720	18.00	11.75	14.25	8.00
		802.11n/ac 40 MHz	102	5510	16.50	11.75	14.25	8.00
			110	5550	18.00	11.75	14.25	8.00
			118	5590	18.00	11.75	14.25	8.00
			126	5630	18.00	11.75	14.25	8.00
			134	5670	18.00	11.75	14.25	8.00
			142	5710	18.00	11.75	14.25	8.00
		802.11ac 80 MHz	106	5530	**16.00**	**11.75**	**14.25**	**8.00**
			122	5610	**18.00**	**11.75**	**14.25**	**8.00**
			138	5690	**18.00**	**11.75**	**14.25**	**8.00**

Antenna	Mode	Bandwidth	Channel	Frequency	Maximum Output Power (dBm)			
					Power State 1		Power State 2	
					Mode A	Mode B	Mode A	Mode B
ANT5	U-NII-3 5.8 GHz (SISO)	802.11a 20 MHz	149	5745	18.25	13.00	14.50	9.25
			153	5765	18.25	13.00	14.50	9.25
			157	5785	18.25	13.00	14.50	9.25
			161	5805	18.25	13.00	14.50	9.25
			165	5825	18.25	13.00	14.50	9.25
		802.11n/ac 40 MHz	151	5755	18.25	13.00	14.50	9.25
			159	5795	18.25	13.00	14.50	9.25
		802.11ac 80 MHz	155	5775	**18.25**	**13.00**	**14.50**	**9.25**

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Antenna	Mode	Bandwidth	Channel	Frequency	Maximum Output Power (dBm)			
					Power State 1		Power State 2	
					Mode A	Mode B	Mode A	Mode B
ANT6	U-NII-1 5.2 GHz (SISO)	802.11a 20 MHz	36	5180	19.00	17.00	16.50	13.25
			40	5200	20.00	17.00	16.50	13.25
			44	5220	20.00	17.00	16.50	13.25
			48	5240	20.00	17.00	16.50	13.25
		802.11n/ac 40 MHz	38	5190	**17.50**	17.00	16.50	13.25
			46	5230	**20.00**	17.00	16.50	13.25
		802.11ac 80 MHz	42	5210	17.50	**17.00**	**16.50**	13.25
	U-NII-2A 5.3 GHz (SISO)	802.11a 20 MHz	52	5260	18.25	17.00	14.50	13.75
			56	5280	18.25	17.00	14.50	13.75
			60	5300	18.25	17.00	14.50	13.75
			64	5320	18.25	17.00	14.50	13.75
		802.11n/ac 40 MHz	54	5270	18.25	17.00	14.50	13.75
			62	5310	17.50	17.00	14.50	13.75
		802.11ac 80 MHz	58	5290	16.00	16.00	14.50	**13.75**

Antenna	Mode	Bandwidth	Channel	Frequency	Maximum Output Power (dBm)			
					Power State 1		Power State 2	
					Mode A	Mode B	Mode A	Mode B
ANT6	U-NII-2C 5.5 GHz (SISO)	802.11a 20 MHz	100	5500	18.75	17.50	14.25	15.00
			104	5520	19.25	17.50	14.25	15.00
			108	5540	19.25	17.50	14.25	15.00
			112	5560	19.25	17.50	14.25	15.00
			116	5580	19.25	17.50	14.25	15.00
			120	5600	19.25	17.50	14.25	15.00
			124	5620	19.25	17.50	14.25	15.00
			128	5640	19.25	17.50	14.25	15.00
			132	5660	19.25	17.50	15.50	13.50
			136	5680	19.25	17.50	15.50	13.50
			140	5700	18.50	17.50	15.50	13.50
			144	5720	19.25	17.50	15.50	13.50
		802.11n/ac 40 MHz	102	5510	16.50	16.50	14.25	15.00
			110	5550	19.25	17.50	14.25	15.00
			118	5590	19.25	17.50	14.25	15.00
			126	5630	19.25	17.50	14.25	15.00
			134	5670	19.25	17.50	15.50	13.50
			142	5710	19.25	17.50	15.50	13.50
		802.11ac 80 MHz	106	5530	**16.00**	**16.00**	**14.25**	**15.00**
			122	5610	**19.25**	**17.50**	**14.25**	**15.00**
			138	5690	**19.25**	**17.50**	**15.50**	**13.50**

Antenna	Mode	Bandwidth	Channel	Frequency	Maximum Output Power (dBm)			
					Power State 1		Power State 2	
					Mode A	Mode B	Mode A	Mode B
ANT6	U-NII-3 5.8 GHz (SISO)	802.11a 20 MHz	149	5745	19.50	17.75	15.50	13.75
			153	5765	19.50	17.75	15.50	13.75
			157	5785	19.50	17.75	15.50	13.75
			161	5805	19.50	17.75	15.50	13.75
			165	5825	19.50	17.75	15.50	13.75
		802.11n/ac 40 MHz	151	5755	19.50	17.75	15.50	13.75
			159	5795	19.50	17.75	15.50	13.75
		802.11ac 80 MHz	155	5775	**19.50**	**17.75**	**15.50**	**13.75**

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Wi-Fi 5 GHz Measured Results

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

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

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

Power Mode	Antenna	Power Mode A							Power Mode B						
		Band	Mode	Ch #	Freq. (MHz)	Meas Pwr (dBm)	Max Output Pwr (dBm)	SAR Test (Yes/No)	Band	Mode	Ch #	Freq. (MHz)	Meas Pwr (dBm)	Max Output Pwr (dBm)	SAR Test (Yes/No)
Power State 1	ANT5	U-NII-1	802.11n (HT40)	38	5190	16.70	17.50	Yes	U-NII-1	802.11ac (VHT80)	42	5210	12.50	14.00	Yes
				46	5230	17.60	18.50								
		U-NII-2C	802.11ac (VHT80)	106	5530	15.40	16.00	Yes	U-NII-2C	802.11ac (VHT80)	106	5530	10.40	11.75	Yes
				122	5610	17.40	18.00				122	5610	10.60	11.75	
				138	5690	16.90	18.00				138	5690	10.30	11.75	
		U-NII-3	802.11ac (VHT80)	155	5775	17.20	18.25	Yes	U-NII-3	802.11ac (VHT80)	155	5775	11.50	13.00	Yes
	ANT6	U-NII-1	802.11n (HT40)	38	5190	16.30	17.50	Yes	U-NII-1	802.11ac (VHT80)	42	5210	15.50	17.00	Yes
				46	5230	18.80	20.00								
		U-NII-2C	802.11ac (VHT80)	106	5530	14.80	16.00	Yes	U-NII-2C	802.11ac (VHT80)	106	5530	14.64	16.00	Yes
				122	5610	18.20	19.25				122	5610	16.00	17.50	
				138	5690	18.20	19.25				138	5690	16.10	17.50	
		U-NII-3	802.11ac (VHT80)	155	5775	18.00	19.50	Yes	U-NII-3	802.11ac (VHT80)	155	5775	16.30	17.75	Yes

Power Mode	Antenna	Power Mode A							Power Mode B						
		Band	Mode	Ch #	Freq. (MHz)	Meas Pwr (dBm)	Max Output Pwr (dBm)	SAR Test (Yes/No)	Band	Mode	Ch #	Freq. (MHz)	Meas Pwr (dBm)	Max Output Pwr (dBm)	SAR Test (Yes/No)
Power State 2	ANT5	U-NII-2A	802.11ac (VHT80)	58	5290	13.40	14.50	Yes	U-NII-1	802.11ac (VHT80)	42	5210	8.80	10.25	Yes
		U-NII-2C	802.11ac (VHT80)	106	5530	13.00	14.25	Yes	U-NII-2C	802.11ac (VHT80)	106	5530	6.80	8.00	Yes
				122	5610	13.00	14.25				122	5610	7.00	8.00	
				138	5690	13.20	14.25				138	5690	7.00	8.00	
		U-NII-3	802.11ac (VHT80)	155	5775	13.50	14.50	Yes	U-NII-3	802.11ac (VHT80)	155	5775	8.10	9.25	Yes
	ANT6	U-NII-1	802.11ac (VHT80)	42	5210	16.00	16.50	Yes	U-NII-2A	802.11ac (VHT80)	58	5290	12.10	13.75	Yes
		U-NII-2C	802.11ac (VHT80)	106	5530	12.90	14.25	Yes	U-NII-2C	802.11ac (VHT80)	106	5530	13.50	15.00	Yes
				122	5610	12.90	14.25				122	5610	13.50	15.00	
				138	5690	14.10	15.50				138	5690	12.00	13.50	
		U-NII-3	802.11ac (VHT80)	155	5775	14.00	15.50	Yes	U-NII-3	802.11ac (VHT80)	155	5775	12.40	13.75	Yes

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9.9. 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_{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 state 1.
- Bluetooth $P_{standalone}$ is used when Wi-Fi and WWAN antennas are inactive.

Mode	Maximum Output Power (dBm)											
	Bluetooth P_{low}				Bluetooth P_{high}				Bluetooth $P_{standalone}$			
	ANT3		ANT4		ANT3		ANT4		ANT3		ANT4	
	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B
GFSK	13.0	11.0	11.0	11.0	19.0	16.5	16.5	16.5	20.0	20.0	20.0	20.0
EDR	13.0	11.0	11.0	11.0	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
LE1M	13.0	11.0	11.0	11.0	19.0	16.5	16.5	16.5	20.0	20.0	20.0	20.0
LE2M	13.0	11.0	11.0	11.0	19.0	16.5	16.5	16.5	20.0	20.0	20.0	20.0
HDR4	12.5	11.0	11.0	11.0	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5
HDR8	13.0	11.0	11.0	11.0	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5

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.

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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.

Band	Antenna	Mode	Ch #	Freq. (MHz)	Mode A Power (dBm)		Mode B Power (dBm)	
					Meas Pwr	Maximum Output Power	Meas Pwr	Maximum Output Power
Bluetooth Plow	ANT 3	GFSK	0	2402	11.8	13.0	9.5	11.0
			39	2441	11.8	13.0	9.5	11.0
			78	2480	11.6	13.0	9.5	11.0
	ANT 4	GFSK	0	2402	9.5	11.0	9.5	11.0
			19	2440	9.5	11.0	9.5	11.0
			39	2480	9.5	11.0	9.5	11.0
Bluetooth Phigh	ANT 3	GFSK	0	2402	17.8	19.0	15.0	16.5
			39	2441	17.8	19.0	15.3	16.5
			78	2480	17.5	19.0	15.2	16.5
	ANT 4	GFSK	0	2402	15.2	16.5	15.2	16.5
			19	2440	15.3	16.5	15.3	16.5
			39	2480	15.3	16.5	15.3	16.5
Bluetooth Pstandalone	ANT 3	GFSK	0	2402	18.7	20.0	18.7	20.0
			39	2441	18.7	20.0	18.7	20.0
			78	2480	18.8	20.0	18.8	20.0
	ANT 4	GFSK	0	2402	18.7	20.0	18.7	20.0
			39	2441	19.0	20.0	19.0	20.0
			78	2480	18.7	20.0	18.7	20.0

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Duty Factor Measured Results

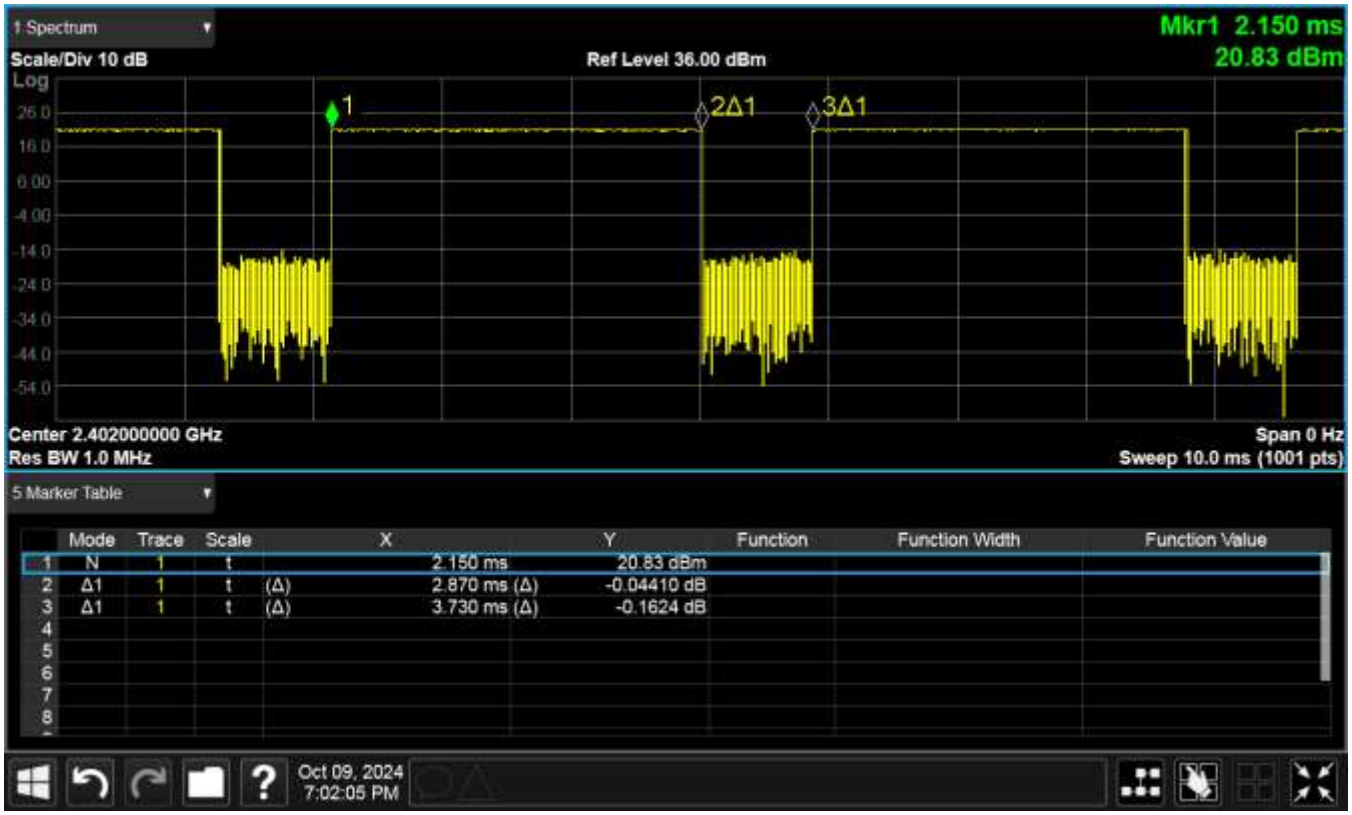
Mode	Type	T on (ms)	Period (ms)	Duty Cycle	Crest Factor (1/duty cycle)
GFSK	DH5	2.87	3.73	76.94%	1.30

Note(s):

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

Duty Cycle plots

GFSK



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9.10. MSS (Mobile Satellite Service)

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

Maximum Output Power for MSS

Band	Mode	Ch #	Freq. (MHz)	ANT 4	
				Power Mode B (dBm)	
				Meas Pwr	Max Power
MSS L-Band	1-PRB SC-FDMA	Low	1610.17	22.4	23.4
		Mid	1618.40	22.3	23.4
		High	1626.03	22.3	23.4

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10. Measured and Reported (Scaled) SAR Results

The test samples provided in this project are representative of the units that will be sold.

The device supports two power modes for both standalone and simultaneous, Mode A (OBD:0) and Mode B (OBD:1). 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/Extremity configuration by the user. SAR was measured in accordance with the device's two power modes for standalone for each antenna. SAR was not measured for simultaneous. However, simultaneous reported results were calculated based off standalone measured conducted power and SAR.

Cellular static SAR assessment will be performed according to published FCC guidance at the cellular standalone power level. Conducted power measurements and SAR measurements will not be performed at the simultaneous ($PCell_{on}$_$Wi\text{-}Fi_{on}$) power level. Reported SAR from the cellular standalone assessment will be scaled down to the declared cellular simultaneous maximum output power. Algebraic simultaneous evaluation will be performed using the cellular simultaneous scaled results.

For WWAN conducted output power, there are 4 different power states:

- Power State 1 (standalone power level): $CELL_{ON}$ | $Wi\text{-}Fi_{OFF}$ - Mode A (OBD:0 as defined in Section 6)
- Power State 1 (standalone power level): $CELL_{ON}$ | $Wi\text{-}Fi_{OFF}$ - Mode B (OBD:1 as defined in Section 6)
- Power State 2 (simultaneous power level): $CELL_{ON}$ | $Wi\text{-}Fi_{ON}$ - Mode A (OBD:0 as defined in Section 6)
- Power State 2 (simultaneous power level): $CELL_{ON}$ | $Wi\text{-}Fi_{ON}$ - Mode B (OBD:1 as defined in Section 6)

For 2.4/5 GHz bands, there are 4 different power states:

- Power State 1 ($CELL_{OFF}$ | $Wi\text{-}Fi_{ON}$) - Mode A (OBD:0 as defined in Section 6)
- Power State 1 ($CELL_{OFF}$ | $Wi\text{-}Fi_{ON}$) - Mode B (OBD:1 as defined in Section 6)
- Power State 2 ($CELL_{ON}$ | $Wi\text{-}Fi_{ON}$) - Mode A (OBD:0 as defined in Section 6)
- Power State 2 ($CELL_{ON}$ | $Wi\text{-}Fi_{ON}$) - Mode B (OBD:1 as defined in Section 6)

For Bluetooth, there are 3 use cases:

- Bluetooth P_{low} is used when both Wi-Fi and WWAN antennas are active.
- Bluetooth P_{high} is used when Wi-Fi antenna is active and WWAN antenna is inactive or with Wi-Fi inactive and WWAN antenna is active. P_{High} power state occurs during WWAN Power State 1 and Wi-Fi Power State 1.
- Bluetooth $P_{standalone}$ is used when Wi-Fi and WWAN antennas are inactive.

Reported SAR 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

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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.

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- 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*.

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10.1. GSM850

								Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Maximum Output Power	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	GPRS 2 Slots	Mode A	0	Left Cheek	190	836.6	32.5	31.6	0.150	0.185	0.122	0.150	32.5	0.185	0.150	
ANT 1	Head	GPRS 2 Slots	Mode A	0	Left Tilt	190	836.6	32.5	31.6	0.081	0.100	0.065	0.080	32.5	0.100	0.080	
ANT 1	Head	GPRS 2 Slots	Mode A	0	Right Cheek	190	836.6	32.5	31.6	0.197	0.242	0.155	0.191	32.5	0.242	0.191	
ANT 1	Head	GPRS 2 Slots	Mode A	0	Right Tilt	190	836.6	32.5	31.6	0.116	0.143	0.030	0.037	32.5	0.143	0.037	
ANT 1	Body & Hotspot	GPRS 2 Slots	Mode B	5	Back	190	836.6	32.5	31.6	0.637	0.784	0.345	0.424	32.5	0.784	0.424	
ANT 1	Body & Hotspot	GPRS 2 Slots	Mode B	5	Front	190	836.6	32.5	31.6	0.436	0.536	0.250	0.308	32.5	0.536	0.308	
ANT 1	Hotspot	GPRS 2 Slots	Mode B	5	Edge Right	128	824.4	32.5	31.3	0.697	**0.919**	0.356	0.469	32.5	**0.919**	0.469	1
ANT 1	Hotspot	GPRS 2 Slots	Mode B	5	Edge Right	190	836.6	32.5	31.6	0.716	0.881	0.475	0.584	32.5	0.881	0.584	
ANT 1	Hotspot	GPRS 2 Slots	Mode B	5	Edge Right	251	848.8	32.5	31.4	0.612	0.788	0.297	0.383	32.5	0.788	0.383	
ANT 1	Hotspot	GPRS 2 Slots	Mode B	5	Edge Bottom	190	836.6	32.5	31.6	0.545	0.670	0.246	0.303	32.5	0.670	0.303	
ANT 1	Hotspot	GPRS 2 Slots	Mode B	5	Edge Left	190	836.6	32.5	31.6	0.252	0.310	0.166	0.204	32.5	0.310	0.204	

								Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Maximum Output Power	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 2	Head	GPRS 2 Slots	Mode A	0	Left Cheek	190	836.6	29.5	28.6	0.624	0.768	0.359	0.442	28.7	0.639	0.367	
ANT 2	Head	GPRS 2 Slots	Mode A	0	Left Tilt	190	836.6	29.5	28.6	0.465	0.572	0.255	0.314	28.7	0.476	0.261	
ANT 2	Head	GPRS 2 Slots	Mode A	0	Right Cheek	128	824.4	29.5	28.7	0.739	**0.888**	0.416	0.500	28.7	**0.739**	0.416	2
ANT 2	Head	GPRS 2 Slots	Mode A	0	Right Cheek	190	836.6	29.5	28.6	0.698	0.859	0.386	0.475	28.7	0.714	0.395	
ANT 2	Head	GPRS 2 Slots	Mode A	0	Right Cheek	251	848.8	29.5	28.7	0.678	0.815	0.374	0.450	28.7	0.678	0.374	
ANT 2	Head	GPRS 2 Slots	Mode A	0	Right Tilt	190	836.6	29.5	28.6	0.466	0.573	0.243	0.299	28.7	0.477	0.249	
ANT 2	Body & Hotspot	GPRS 2 Slots	Mode B	5	Back	128	824.4	31.5	30.7	0.728	0.875	0.420	0.505	31.5	0.875	0.505	
ANT 2	Body & Hotspot	GPRS 2 Slots	Mode B	5	Back	190	836.6	31.5	30.6	0.671	0.826	0.385	0.474	31.5	0.826	0.474	
ANT 2	Body & Hotspot	GPRS 2 Slots	Mode B	5	Back	251	848.8	31.5	30.5	0.709	**0.893**	0.403	0.507	31.5	**0.893**	0.507	3
ANT 2	Body & Hotspot	GPRS 2 Slots	Mode B	5	Front	190	836.6	31.5	30.6	0.528	0.650	0.297	0.365	31.5	0.650	0.365	
ANT 2	Hotspot	GPRS 2 Slots	Mode B	5	Edge Top	190	836.6	31.5	30.6	0.413	0.508	0.192	0.236	31.5	0.508	0.236	
ANT 2	Hotspot	GPRS 2 Slots	Mode B	5	Edge Right	190	836.6	31.5	30.6	0.271	0.333	0.180	0.221	31.5	0.333	0.221	
ANT 2	Hotspot	GPRS 2 Slots	Mode B	5	Edge Left	190	836.6	31.5	30.6	0.136	0.167	0.089	0.109	31.5	0.167	0.109	

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10.2. GSM1900

								Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Maximum Output Power	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	GPRS 2 Slots	Mode A	0	Left Cheek	661	1880.0	31.0	30.5	0.135	0.151	0.087	0.098	31.0	0.151	0.098	
ANT 1	Head	GPRS 2 Slots	Mode A	0	Left Tilt	661	1880.0	31.0	30.5	0.096	0.108	0.060	0.067	31.0	0.108	0.067	
ANT 1	Head	GPRS 2 Slots	Mode A	0	Right Cheek	661	1880.0	31.0	30.5	0.245	0.275	0.153	0.172	31.0	0.275	0.172	
ANT 1	Head	GPRS 2 Slots	Mode A	0	Right Tilt	661	1880.0	31.0	30.5	0.078	0.088	0.050	0.056	31.0	0.088	0.056	
ANT 1	Body & Hotspot	GPRS 2 Slots	Mode B	5	Back	661	1880.0	25.7	24.7	0.419	0.527	0.226	0.285	24.9	0.439	0.237	
ANT 1	Body & Hotspot	GPRS 2 Slots	Mode B	5	Front	661	1880.0	25.7	24.7	0.297	0.374	0.164	0.206	24.9	0.311	0.172	
ANT 1	Hotspot	GPRS 2 Slots	Mode B	5	Edge Right	661	1880.0	25.7	24.7	0.419	0.527	0.211	0.266	24.9	0.439	0.221	
ANT 1	Hotspot	GPRS 2 Slots	Mode B	5	Edge Bottom	661	1880.0	25.7	24.7	0.418	0.526	0.204	0.257	24.9	0.438	0.214	
ANT 1	Hotspot	GPRS 2 Slots	Mode B	5	Edge Left	661	1880.0	25.7	24.7	0.028	0.035	0.016	0.020	24.9	0.029	0.017	

								Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Maximum Output Power	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 2	Head	GPRS 2 Slots	Mode A	0	Left Cheek	512	1850.2	27.0	25.9	0.630	0.812	0.356	0.459	26.2	0.675	0.381	
ANT 2	Head	GPRS 2 Slots	Mode A	0	Left Cheek	661	1880.0	27.0	25.8	0.643	0.848	0.368	0.485	26.2	0.705	0.404	
ANT 2	Head	GPRS 2 Slots	Mode A	0	Left Cheek	810	1909.8	27.0	25.8	0.656	0.865	0.381	0.502	26.2	0.719	0.418	
ANT 2	Head	GPRS 2 Slots	Mode A	0	Left Tilt	661	1880.0	27.0	25.8	0.460	0.606	0.241	0.318	26.2	0.504	0.264	
ANT 2	Head	GPRS 2 Slots	Mode A	0	Right Cheek	512	1850.2	27.0	25.9	0.809	1.042	0.508	0.654	26.2	0.867	0.544	
ANT 2	Head	GPRS 2 Slots	Mode A	0	Right Cheek	661	1880.0	27.0	25.8	0.830	**1.094**	0.398	0.525	26.2	**0.910**	0.436	4
ANT 2	Head	GPRS 2 Slots	Mode A	0	Right Cheek	810	1909.8	27.0	25.8	0.829	1.093	0.505	0.666	26.2	0.909	0.554	
ANT 2	Head	GPRS 2 Slots	Mode A	0	Right Tilt	661	1880.0	27.0	25.8	0.558	0.736	0.264	0.348	26.2	0.612	0.289	
ANT 2	Body & Hotspot	GPRS 2 Slots	Mode B	5	Back	512	1850.2	27.3	26.3	0.662	0.833	0.315	0.397	26.5	0.693	0.330	
ANT 2	Body & Hotspot	GPRS 2 Slots	Mode B	5	Back	661	1880.0	27.3	26.1	0.673	0.887	0.318	0.419	26.5	0.738	0.349	
ANT 2	Body & Hotspot	GPRS 2 Slots	Mode B	5	Back	810	1909.8	27.3	26.1	0.688	**0.907**	0.326	0.430	26.5	**0.754**	0.357	5
ANT 2	Body & Hotspot	GPRS 2 Slots	Mode B	5	Front	661	1880.0	27.3	26.1	0.377	0.497	0.188	0.248	26.5	0.413	0.206	
ANT 2	Hotspot	GPRS 2 Slots	Mode B	5	Edge Top	661	1880.0	27.3	26.1	0.438	0.577	0.208	0.274	26.5	0.480	0.228	
ANT 2	Hotspot	GPRS 2 Slots	Mode B	5	Edge Right	661	1880.0	27.3	26.1	0.024	0.032	0.013	0.017	26.5	0.026	0.014	
ANT 2	Hotspot	GPRS 2 Slots	Mode B	5	Edge Left	661	1880.0	27.3	26.1	0.318	0.419	0.171	0.225	26.5	0.349	0.187	

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								Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Maximum Output Power	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 3	Head	GPRS 2 Slots	Mode A	0	Left Cheek	661	1880.0	30.5	29.9	0.480	0.551	0.308	0.354	30.5	0.551	0.354	
ANT 3	Head	GPRS 2 Slots	Mode A	0	Left Tilt	661	1880.0	30.5	29.9	0.215	0.247	0.137	0.157	30.5	0.247	0.157	
ANT 3	Head	GPRS 2 Slots	Mode A	0	Right Cheek	661	1880.0	30.5	29.9	0.229	0.263	0.158	0.181	30.5	0.263	0.181	
ANT 3	Head	GPRS 2 Slots	Mode A	0	Right Tilt	661	1880.0	30.5	29.9	0.190	0.218	0.117	0.134	30.5	0.218	0.134	
ANT 3	Body & Hotspot	GPRS 2 Slots	Mode B	5	Back	512	1850.2	27.8	27.2	0.761	0.874	0.422	0.485	27.0	0.727	0.403	
ANT 3	Body & Hotspot	GPRS 2 Slots	Mode B	5	Back	661	1880.0	27.8	27.3	0.761	0.854	0.408	0.458	27.0	0.710	0.381	
ANT 3	Body & Hotspot	GPRS 2 Slots	Mode B	5	Back	810	1909.8	27.8	27.1	0.716	0.841	0.375	0.441	27.0	0.700	0.366	
ANT 3	Body & Hotspot	GPRS 2 Slots	Mode B	5	Front	661	1880.0	27.8	27.3	0.608	0.682	0.320	0.359	27.0	0.567	0.299	
ANT 3	Hotspot	GPRS 2 Slots	Mode B	5	Edge Bottom	661	1880.0	27.8	27.3	0.190	0.213	0.097	0.109	27.0	0.177	0.091	
ANT 3	Hotspot	GPRS 2 Slots	Mode B	5	Edge Left	512	1850.2	27.8	27.2	0.804	**0.923**	0.408	0.468	27.0	**0.768**	0.390	6
ANT 3	Hotspot	GPRS 2 Slots	Mode B	5	Edge Left	661	1880.0	27.8	27.3	0.807	0.905	0.407	0.457	27.0	0.753	0.380	
ANT 3	Hotspot	GPRS 2 Slots	Mode B	5	Edge Left	810	1909.8	27.8	27.1	0.757	0.889	0.379	0.445	27.0	0.740	0.370	

								Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Maximum Output Power	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 4	Head	GPRS 2 Slots	Mode A	0	Left Cheek	661	1880.0	25.8	25.0	0.518	0.629	0.244	0.296	25.0	0.523	0.246	
ANT 4	Head	GPRS 2 Slots	Mode A	0	Left Tilt	661	1880.0	25.8	25.0	0.204	0.248	0.106	0.129	25.0	0.206	0.107	
ANT 4	Head	GPRS 2 Slots	Mode A	0	Right Cheek	661	1880.0	25.8	25.0	0.172	0.209	0.099	0.120	25.0	0.174	0.100	
ANT 4	Head	GPRS 2 Slots	Mode A	0	Right Tilt	661	1880.0	25.8	25.0	0.110	0.133	0.065	0.079	25.0	0.111	0.066	
ANT 4	Body & Hotspot	GPRS 2 Slots	Mode B	5	Back	661	1880.0	27.7	26.3	0.298	0.411	0.152	0.210	26.9	0.342	0.175	
ANT 4	Body & Hotspot	GPRS 2 Slots	Mode B	5	Front	661	1880.0	27.7	26.3	0.282	0.389	0.141	0.195	26.9	0.324	0.162	
ANT 4	Hotspot	GPRS 2 Slots	Mode B	5	Edge Top	661	1880.0	27.7	26.3	0.154	0.213	0.077	0.106	26.9	0.177	0.088	
ANT 4	Hotspot	GPRS 2 Slots	Mode B	5	Edge Right	661	1880.0	27.7	26.3	0.574	0.792	0.277	0.382	26.9	0.659	0.318	

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10.3. W-CDMA Band II

								Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Maximum Output Power (dBm)	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	Rel. 99	Mode A	0	Left Cheek	9400	1880.0	25.7	25.3	0.191	0.209	0.126	0.138	25.0	0.178	0.118	
ANT 1	Head	Rel. 99	Mode A	0	Left Tilt	9400	1880.0	25.7	25.3	0.132	0.145	0.084	0.092	25.0	0.123	0.078	
ANT 1	Head	Rel. 99	Mode A	0	Right Cheek	9400	1880.0	25.7	25.3	0.364	0.399	0.229	0.251	25.0	0.340	0.214	
ANT 1	Head	Rel. 99	Mode A	0	Right Tilt	9400	1880.0	25.7	25.3	0.132	0.145	0.083	0.091	25.0	0.123	0.077	
ANT 1	Body & Hotspot	Rel. 99	Mode B	5	Back	9400	1880.0	19.7	18.0	0.503	0.744	0.261	0.386	18.9	0.619	0.321	
ANT 1	Body & Hotspot	Rel. 99	Mode B	5	Front	9400	1880.0	19.7	18.0	0.335	0.496	0.180	0.266	18.9	0.412	0.221	
ANT 1	Hotspot	Rel. 99	Mode B	5	Edge Right	9400	1880.0	19.7	18.0	0.399	0.590	0.192	0.284	18.9	0.491	0.236	
ANT 1	Hotspot	Rel. 99	Mode B	5	Edge Bottom	9262	1852.4	19.7	18.1	0.737	1.065	0.344	0.497	18.9	0.886	0.414	
ANT 1	Hotspot	Rel. 99	Mode B	5	Edge Bottom	9400	1880.0	19.7	18.0	0.685	1.013	0.318	0.470	18.9	0.843	0.391	
ANT 1	Hotspot	Rel. 99	Mode B	5	Edge Bottom	9538	1907.6	19.7	17.9	0.526	0.796	0.243	0.368	18.9	0.662	0.306	
ANT 1	Hotspot	Rel. 99	Mode B	5	Edge Left	9400	1880.0	19.7	18.0	0.015	0.022	0.008	0.012	18.9	0.018	0.010	

								Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Maximum Output Power	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 2	Head	Rel. 99	Mode A	0	Left Cheek	9400	1880.0	21.0	19.9	0.367	0.473	0.210	0.271	20.2	0.393	0.225	
ANT 2	Head	Rel. 99	Mode A	0	Left Tilt	9400	1880.0	21.0	19.9	0.237	0.305	0.128	0.165	20.2	0.254	0.137	
ANT 2	Head	Rel. 99	Mode A	0	Right Cheek	9262	1852.4	21.0	20.0	0.755	0.950	0.421	0.530	20.2	0.791	0.441	
ANT 2	Head	Rel. 99	Mode A	0	Right Cheek	9400	1880.0	21.0	19.9	0.802	1.033	0.456	0.587	20.2	0.859	0.489	
ANT 2	Head	Rel. 99	Mode A	0	Right Cheek	9538	1907.6	21.0	19.9	0.869	**1.119**	0.514	0.662	20.2	**0.931**	0.551	7
ANT 2	Head	Rel. 99	Mode A	0	Right Tilt	9262	1852.4	21.0	20.0	0.577	0.726	0.281	0.354	20.2	0.604	0.294	
ANT 2	Head	Rel. 99	Mode A	0	Right Tilt	9400	1880.0	21.0	19.9	0.588	0.757	0.284	0.366	20.2	0.630	0.304	
ANT 2	Head	Rel. 99	Mode A	0	Right Tilt	9538	1907.6	21.0	19.9	0.616	0.794	0.301	0.388	20.2	0.660	0.323	
ANT 2	Body & Hotspot	Rel. 99	Mode B	5	Back	9262	1852.4	21.3	20.0	0.740	0.998	0.351	0.473	20.5	0.830	0.394	
ANT 2	Body & Hotspot	Rel. 99	Mode B	5	Back	9400	1880.0	21.3	19.9	0.759	1.048	0.357	0.493	20.5	0.871	0.410	
ANT 2	Body & Hotspot	Rel. 99	Mode B	5	Back	9538	1907.6	21.3	19.9	0.781	**1.078**	0.365	0.504	20.5	**0.897**	0.419	8
ANT 2	Body & Hotspot	Rel. 99	Mode B	5	Front	9400	1880.0	21.3	19.9	0.391	0.540	0.197	0.272	20.5	0.449	0.226	
ANT 2	Hotspot	Rel. 99	Mode B	5	Edge Top	9400	1880.0	21.3	19.9	0.498	0.687	0.230	0.317	20.5	0.572	0.264	
ANT 2	Hotspot	Rel. 99	Mode B	5	Edge Right	9400	1880.0	21.3	19.9	0.032	0.044	0.018	0.025	20.5	0.037	0.021	
ANT 2	Hotspot	Rel. 99	Mode B	5	Edge Left	9400	1880.0	21.3	19.9	0.470	0.649	0.246	0.340	20.5	0.540	0.282	

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								Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Maximum Output Power	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 3	Head	Rel. 99	Mode A	0	Left Cheek	9400	1880.0	24.5	23.7	0.545	0.655	0.347	0.417	23.7	0.545	0.347	
ANT 3	Head	Rel. 99	Mode A	0	Left Tilt	9400	1880.0	24.5	23.7	0.281	0.338	0.182	0.219	23.7	0.281	0.182	
ANT 3	Head	Rel. 99	Mode A	0	Right Cheek	9400	1880.0	24.5	23.7	0.246	0.296	0.172	0.207	23.7	0.246	0.172	
ANT 3	Head	Rel. 99	Mode A	0	Right Tilt	9400	1880.0	24.5	23.7	0.228	0.274	0.141	0.170	23.7	0.228	0.141	
ANT 3	Body & Hotspot	Rel. 99	Mode B	5	Back	9262	1852.4	21.8	20.9	0.856	1.053	0.456	0.561	21.0	0.876	0.467	
ANT 3	Body & Hotspot	Rel. 99	Mode B	5	Back	9400	1880.0	21.8	21.0	0.821	0.987	0.436	0.524	21.0	0.821	0.436	
ANT 3	Body & Hotspot	Rel. 99	Mode B	5	Back	9538	1907.6	21.8	21.0	0.812	0.976	0.430	0.517	21.0	0.812	0.430	
ANT 3	Body & Hotspot	Rel. 99	Mode B	5	Front	9262	1852.4	21.8	20.9	0.685	0.843	0.360	0.443	21.0	0.701	0.368	
ANT 3	Body & Hotspot	Rel. 99	Mode B	5	Front	9400	1880.0	21.8	21.0	0.678	0.815	0.353	0.424	21.0	0.678	0.353	
ANT 3	Body & Hotspot	Rel. 99	Mode B	5	Front	9538	1907.6	21.8	21.0	0.633	0.761	0.335	0.403	21.0	0.633	0.335	
ANT 3	Hotspot	Rel. 99	Mode B	5	Edge Bottom	9400	1880.0	21.8	21.0	0.164	0.197	0.079	0.095	21.0	0.164	0.079	
ANT 3	Hotspot	Rel. 99	Mode B	5	Edge Left	9262	1852.4	21.8	20.9	0.894	**1.100**	0.442	0.544	21.0	**0.915**	0.452	9
ANT 3	Hotspot	Rel. 99	Mode B	5	Edge Left	9400	1880.0	21.8	21.0	0.799	0.961	0.392	0.471	21.0	0.799	0.392	
ANT 3	Hotspot	Rel. 99	Mode B	5	Edge Left	9538	1907.6	21.8	21.0	0.827	0.994	0.403	0.485	21.0	0.827	0.403	

								Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Maximum Output Power	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 4	Head	Rel. 99	Mode A	0	Left Cheek	9262	1852.4	20.0	19.1	0.700	0.861	0.332	0.408	19.2	0.716	0.340	
ANT 4	Head	Rel. 99	Mode A	0	Left Cheek	9400	1880.0	20.0	19.1	0.785	0.966	0.371	0.456	19.2	0.803	0.380	
ANT 4	Head	Rel. 99	Mode A	0	Left Cheek	9538	1907.6	20.0	19.0	0.864	1.088	0.399	0.502	19.2	0.905	0.418	
ANT 4	Head	Rel. 99	Mode A	0	Left Tilt	9400	1880.0	20.0	19.1	0.269	0.331	0.138	0.170	19.2	0.275	0.141	
ANT 4	Head	Rel. 99	Mode A	0	Right Cheek	9400	1880.0	20.0	19.1	0.217	0.267	0.122	0.150	19.2	0.222	0.125	
ANT 4	Head	Rel. 99	Mode A	0	Right Tilt	9400	1880.0	20.0	19.1	0.117	0.144	0.069	0.085	19.2	0.120	0.071	
ANT 4	Body & Hotspot	Rel. 99	Mode B	5	Back	9400	1880.0	21.6	20.4	0.372	0.490	0.186	0.245	20.8	0.408	0.204	
ANT 4	Body & Hotspot	Rel. 99	Mode B	5	Front	9400	1880.0	21.6	20.4	0.258	0.340	0.137	0.181	20.8	0.283	0.150	
ANT 4	Hotspot	Rel. 99	Mode B	5	Edge Top	9400	1880.0	21.6	20.4	0.160	0.211	0.074	0.098	20.8	0.175	0.081	
ANT 4	Hotspot	Rel. 99	Mode B	5	Edge Right	9262	1852.4	21.6	20.4	0.619	0.816	0.310	0.409	20.8	0.679	0.340	
ANT 4	Hotspot	Rel. 99	Mode B	5	Edge Right	9400	1880.0	21.6	20.4	0.681	0.898	0.339	0.447	20.8	0.747	0.372	
ANT 4	Hotspot	Rel. 99	Mode B	5	Edge Right	9538	1907.6	21.6	20.4	0.647	0.853	0.327	0.431	20.8	0.709	0.359	

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10.4. W-CDMA Band IV

								Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Maximum Output Power	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	Rel. 99	Mode A	0	Left Cheek	1413	1732.6	25.2	24.6	0.197	0.226	0.134	0.154	24.4	0.188	0.128	
ANT 1	Head	Rel. 99	Mode A	0	Left Tilt	1413	1732.6	25.2	24.6	0.145	0.166	0.094	0.108	24.4	0.138	0.090	
ANT 1	Head	Rel. 99	Mode A	0	Right Cheek	1413	1732.6	25.2	24.6	0.380	0.436	0.253	0.290	24.4	0.363	0.242	
ANT 1	Head	Rel. 99	Mode A	0	Right Tilt	1413	1732.6	25.2	24.6	0.131	0.150	0.088	0.101	24.4	0.125	0.084	
ANT 1	Body & Hotspot	Rel. 99	Mode B	5	Back	1312	1712.4	19.6	19.5	0.742	0.759	0.384	0.393	18.8	0.632	0.327	
ANT 1	Body & Hotspot	Rel. 99	Mode B	5	Back	1413	1732.6	19.6	19.4	0.792	0.829	0.413	0.432	18.8	0.690	0.360	
ANT 1	Body & Hotspot	Rel. 99	Mode B	5	Back	1513	1752.6	19.6	19.3	0.712	0.763	0.372	0.399	18.8	0.635	0.332	
ANT 1	Body & Hotspot	Rel. 99	Mode B	5	Front	1413	1732.6	19.6	19.4	0.580	0.607	0.294	0.308	18.8	0.505	0.256	
ANT 1	Hotspot	Rel. 99	Mode B	5	Edge Right	1413	1732.6	19.6	19.4	0.315	0.330	0.159	0.166	18.8	0.274	0.138	
ANT 1	Hotspot	Rel. 99	Mode B	5	Edge Bottom	1312	1712.4	19.6	19.5	0.977	1.000	0.474	0.485	18.8	0.832	0.403	
ANT 1	Hotspot	Rel. 99	Mode B	5	Edge Bottom	1413	1732.6	19.6	19.4	1.010	1.058	0.490	0.513	18.8	0.880	0.427	
ANT 1	Hotspot	Rel. 99	Mode B	5	Edge Bottom	1513	1752.6	19.6	19.3	1.020	1.093	0.495	0.530	18.8	0.909	0.441	
ANT 1	Hotspot	Rel. 99	Mode B	5	Edge Left	1413	1732.6	19.6	19.4	0.016	0.017	0.009	0.009	18.8	0.014	0.008	

								Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Maximum Output Power	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 2	Head	Rel. 99	Mode A	0	Left Cheek	1413	1732.6	19.3	19.0	0.671	0.719	0.316	0.339	18.5	0.598	0.282	
ANT 2	Head	Rel. 99	Mode A	0	Left Tilt	1413	1732.6	19.3	19.0	0.646	0.692	0.303	0.325	18.5	0.576	0.270	
ANT 2	Head	Rel. 99	Mode A	0	Right Cheek	1312	1712.4	19.3	19.2	1.160	**1.187**	0.578	0.591	18.5	**0.987**	0.492	10
ANT 2	Head	Rel. 99	Mode A	0	Right Cheek	1413	1732.6	19.3	19.0	1.030	1.104	0.532	0.570	18.5	0.918	0.474	
ANT 2	Head	Rel. 99	Mode A	0	Right Cheek	1513	1752.6	19.3	19.0	1.010	1.082	0.518	0.555	18.5	0.900	0.462	
ANT 2	Head	Rel. 99	Mode A	0	Right Tilt	1413	1732.6	19.3	19.0	0.683	0.732	0.339	0.363	18.5	0.609	0.302	
ANT 2	Body & Hotspot	Rel. 99	Mode B	5	Back	1312	1712.4	19.0	17.9	0.632	0.814	0.326	0.420	18.2	0.677	0.349	
ANT 2	Body & Hotspot	Rel. 99	Mode B	5	Back	1413	1732.6	19.0	17.8	0.573	0.755	0.291	0.384	18.2	0.628	0.319	
ANT 2	Body & Hotspot	Rel. 99	Mode B	5	Back	1513	1752.6	19.0	17.6	0.571	0.788	0.295	0.407	18.2	0.656	0.339	
ANT 2	Body & Hotspot	Rel. 99	Mode B	5	Front	1413	1732.6	19.0	17.8	0.522	0.688	0.252	0.332	18.2	0.572	0.276	
ANT 2	Hotspot	Rel. 99	Mode B	5	Edge Top	1312	1712.4	19.0	17.9	0.916	1.180	0.424	0.546	18.2	0.982	0.454	
ANT 2	Hotspot	Rel. 99	Mode B	5	Edge Top	1413	1732.6	19.0	17.8	0.904	**1.192**	0.420	0.554	18.2	**0.991**	0.461	11
ANT 2	Hotspot	Rel. 99	Mode B	5	Edge Top	1513	1752.6	19.0	17.6	0.839	1.158	0.393	0.542	18.2	0.963	0.451	
ANT 2	Hotspot	Rel. 99	Mode B	5	Edge Left	1413	1732.6	19.0	17.8	0.272	0.359	0.133	0.175	18.2	0.298	0.146	

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								Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Maximum Output Power	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 3	Head	Rel. 99	Mode A	0	Left Cheek	1413	1732.6	24.2	23.2	0.436	0.549	0.285	0.359	23.4	0.457	0.298	
ANT 3	Head	Rel. 99	Mode A	0	Left Tilt	1413	1732.6	24.2	23.2	0.192	0.242	0.125	0.157	23.4	0.201	0.131	
ANT 3	Head	Rel. 99	Mode A	0	Right Cheek	1413	1732.6	24.2	23.2	0.197	0.248	0.136	0.171	23.4	0.206	0.142	
ANT 3	Head	Rel. 99	Mode A	0	Right Tilt	1413	1732.6	24.2	23.2	0.148	0.186	0.097	0.122	23.4	0.155	0.102	
ANT 3	Body & Hotspot	Rel. 99	Mode B	5	Back	1312	1712.4	22.3	21.4	0.929	1.143	0.515	0.634	21.5	0.951	0.527	
ANT 3	Body & Hotspot	Rel. 99	Mode B	5	Back	1413	1732.6	22.3	21.3	0.935	**1.177**	0.526	0.662	21.5	**0.979**	0.551	12
ANT 3	Body & Hotspot	Rel. 99	Mode B	5	Back	1513	1752.6	22.3	21.3	0.859	1.081	0.482	0.607	21.5	0.899	0.505	
ANT 3	Body & Hotspot	Rel. 99	Mode B	5	Front	1312	1712.4	22.3	21.4	0.637	0.784	0.362	0.445	21.5	0.652	0.370	
ANT 3	Body & Hotspot	Rel. 99	Mode B	5	Front	1413	1732.6	22.3	21.3	0.643	0.809	0.364	0.458	21.5	0.673	0.381	
ANT 3	Body & Hotspot	Rel. 99	Mode B	5	Front	1513	1752.6	22.3	21.3	0.620	0.781	0.345	0.434	21.5	0.649	0.361	
ANT 3	Hotspot	Rel. 99	Mode B	5	Edge Bottom	1413	1732.6	22.3	21.3	0.268	0.337	0.111	0.140	21.5	0.281	0.116	
ANT 3	Hotspot	Rel. 99	Mode B	5	Edge Left	1312	1712.4	22.3	21.4	0.839	1.032	0.459	0.565	21.5	0.859	0.470	
ANT 3	Hotspot	Rel. 99	Mode B	5	Edge Left	1413	1732.6	22.3	21.3	0.885	1.114	0.466	0.587	21.5	0.927	0.488	
ANT 3	Hotspot	Rel. 99	Mode B	5	Edge Left	1513	1752.6	22.3	21.3	0.839	1.056	0.454	0.572	21.5	0.879	0.475	

								Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Maximum Output Power	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 4	Head	Rel. 99	Mode A	0	Left Cheek	1413	1732.6	19.8	18.6	0.593	0.782	0.297	0.392	19.0	0.650	0.326	
ANT 4	Head	Rel. 99	Mode A	0	Left Tilt	1413	1732.6	19.8	18.6	0.359	0.473	0.187	0.247	19.0	0.394	0.205	
ANT 4	Head	Rel. 99	Mode A	0	Right Cheek	1413	1732.6	19.8	18.6	0.255	0.336	0.153	0.202	19.0	0.280	0.168	
ANT 4	Head	Rel. 99	Mode A	0	Right Tilt	1413	1732.6	19.8	18.6	0.180	0.237	0.110	0.145	19.0	0.197	0.121	
ANT 4	Body & Hotspot	Rel. 99	Mode B	5	Back	1413	1732.6	21.7	20.3	0.499	0.689	0.270	0.373	20.9	0.573	0.310	
ANT 4	Body & Hotspot	Rel. 99	Mode B	5	Front	1413	1732.6	21.7	20.3	0.462	0.638	0.247	0.341	20.9	0.530	0.284	
ANT 4	Hotspot	Rel. 99	Mode B	5	Edge Top	1413	1732.6	21.7	20.3	0.366	0.505	0.171	0.236	20.9	0.420	0.196	
ANT 4	Hotspot	Rel. 99	Mode B	5	Edge Right	1312	1712.4	21.7	20.2	0.741	1.047	0.370	0.523	20.9	0.871	0.435	
ANT 4	Hotspot	Rel. 99	Mode B	5	Edge Right	1413	1732.6	21.7	20.3	0.771	1.064	0.389	0.537	20.9	0.885	0.447	
ANT 4	Hotspot	Rel. 99	Mode B	5	Edge Right	1513	1752.6	21.7	20.4	0.740	0.998	0.367	0.495	20.9	0.830	0.412	

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10.5. W-CDMA Band V

								Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Maximum Output Power	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	Rel. 99	Mode A	0	Left Cheek	4183	836.6	25.7	25.2	0.188	0.211	0.148	0.166	25.7	0.211	0.166	
ANT 1	Head	Rel. 99	Mode A	0	Left Tilt	4183	836.6	25.7	25.2	0.106	0.119	0.083	0.093	25.7	0.119	0.093	
ANT 1	Head	Rel. 99	Mode A	0	Right Cheek	4183	836.6	25.7	25.2	0.227	0.255	0.177	0.199	25.7	0.255	0.199	
ANT 1	Head	Rel. 99	Mode A	0	Right Tilt	4183	836.6	25.7	25.2	0.117	0.131	0.090	0.101	25.7	0.131	0.101	
ANT 1	Body & Hotspot	Rel. 99	Mode B	5	Back	4183	836.6	25.7	25.2	0.604	0.678	0.328	0.368	25.7	0.678	0.368	
ANT 1	Body & Hotspot	Rel. 99	Mode B	5	Front	4183	836.6	25.7	25.2	0.401	0.450	0.230	0.258	25.7	0.450	0.258	
ANT 1	Hotspot	Rel. 99	Mode B	5	Edge Right	4183	836.6	25.7	25.2	0.594	**0.666**	0.364	0.408	25.7	**0.666**	0.408	13
ANT 1	Hotspot	Rel. 99	Mode B	5	Edge Bottom	4183	836.6	25.7	25.2	0.496	0.557	0.223	0.250	25.7	0.557	0.250	
ANT 1	Hotspot	Rel. 99	Mode B	5	Edge Left	4183	836.6	25.7	25.2	0.245	0.275	0.161	0.181	25.7	0.275	0.181	

								Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Maximum Output Power	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 2	Head	Rel. 99	Mode A	0	Left Cheek	4183	836.6	23.5	22.6	0.447	0.550	0.256	0.315	22.7	0.457	0.262	
ANT 2	Head	Rel. 99	Mode A	0	Left Tilt	4183	836.6	23.5	22.6	0.334	0.411	0.179	0.220	22.7	0.342	0.183	
ANT 2	Head	Rel. 99	Mode A	0	Right Cheek	4183	836.6	23.5	22.6	0.598	**0.736**	0.314	0.386	22.7	**0.612**	0.321	14
ANT 2	Head	Rel. 99	Mode A	0	Right Tilt	4183	836.6	23.5	22.6	0.360	0.443	0.187	0.230	22.7	0.368	0.191	
ANT 2	Body & Hotspot	Rel. 99	Mode B	5	Back	4132	826.4	24.7	24.0	0.702	**0.825**	0.407	0.478	24.7	**0.825**	0.478	15
ANT 2	Body & Hotspot	Rel. 99	Mode B	5	Back	4183	836.6	24.7	24.0	0.696	0.818	0.403	0.473	24.7	0.818	0.473	
ANT 2	Body & Hotspot	Rel. 99	Mode B	5	Back	4233	846.6	24.7	24.0	0.694	0.815	0.396	0.465	24.7	0.815	0.465	
ANT 2	Body & Hotspot	Rel. 99	Mode B	5	Front	4183	836.6	24.7	24.0	0.642	0.754	0.354	0.416	24.7	0.754	0.416	
ANT 2	Hotspot	Rel. 99	Mode B	5	Edge Top	4183	836.6	24.7	24.0	0.386	0.454	0.182	0.214	24.7	0.454	0.214	
ANT 2	Hotspot	Rel. 99	Mode B	5	Edge Right	4183	836.6	24.7	24.0	0.229	0.269	0.152	0.179	24.7	0.269	0.179	
ANT 2	Hotspot	Rel. 99	Mode B	5	Edge Left	4183	836.6	24.7	24.0	0.108	0.127	0.058	0.068	24.7	0.127	0.068	

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10.6. LTE Band 5 (10MHz Bandwidth)

										Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	QPSK	Mode A	0	Left Cheek	20525	836.5	1	25	25.7	25.1	0.201	0.231	0.155	0.178	25.7	0.231	0.178	
ANT 1	Head	QPSK	Mode A	0	Left Cheek	20525	836.5	25	12	24.7	24.3	0.165	0.180	0.126	0.137	24.7	0.180	0.137	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	20525	836.5	1	25	25.7	25.1	0.107	0.123	0.084	0.096	25.7	0.123	0.096	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	20525	836.5	25	12	24.7	24.3	0.084	0.091	0.066	0.072	24.7	0.091	0.072	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	20525	836.5	1	25	25.7	25.1	0.250	0.287	0.191	0.219	25.7	0.287	0.219	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	20525	836.5	25	12	24.7	24.3	0.212	0.231	0.161	0.175	24.7	0.231	0.175	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	20525	836.5	1	25	25.7	25.1	0.097	0.111	0.072	0.083	25.7	0.111	0.083	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	20525	836.5	25	12	24.7	24.3	0.082	0.089	0.061	0.066	24.7	0.089	0.066	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	20525	836.5	1	25	25.7	25.1	0.561	0.644	0.302	0.347	25.7	0.644	0.347	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	20525	836.5	25	12	24.7	24.3	0.482	0.525	0.260	0.283	24.7	0.525	0.283	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	20525	836.5	1	25	25.7	25.1	0.389	0.447	0.224	0.257	25.7	0.447	0.257	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	20525	836.5	25	12	24.7	24.3	0.333	0.363	0.196	0.213	24.7	0.363	0.213	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	20525	836.5	1	25	25.7	25.1	0.616	**0.707**	0.307	0.352	25.7	**0.707**	0.352	16
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	20525	836.5	25	12	24.7	24.3	0.516	0.562	0.342	0.372	24.7	0.562	0.372	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	20525	836.5	1	25	25.7	25.1	0.491	0.564	0.222	0.255	25.7	0.564	0.255	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	20525	836.5	25	12	24.7	24.3	0.418	0.455	0.189	0.206	24.7	0.455	0.206	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	20525	836.5	1	25	25.7	25.1	0.242	0.278	0.160	0.184	25.7	0.278	0.184	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	20525	836.5	25	12	24.7	24.3	0.205	0.223	0.135	0.147	24.7	0.223	0.147	

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										Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 2	Head	QPSK	Mode A	0	Left Cheek	20525	836.5	1	25	23.5	22.9	0.746	0.857	0.428	0.491	22.7	0.712	0.409	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	20525	836.5	25	12	23.5	22.9	0.767	0.881	0.436	0.501	22.7	0.732	0.416	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	20525	836.5	50	0	23.5	23.0	0.737	0.827	0.423	0.475	22.7	0.688	0.395	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	20525	836.5	1	25	23.5	22.9	0.567	0.651	0.301	0.346	22.7	0.541	0.287	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	20525	836.5	25	12	23.5	22.9	0.508	0.583	0.279	0.320	22.7	0.485	0.266	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	20525	836.5	1	25	23.5	22.9	0.848	**0.974**	0.462	0.530	22.7	**0.810**	0.441	17
ANT 2	Head	QPSK	Mode A	0	Right Cheek	20525	836.5	25	12	23.5	22.9	0.833	0.956	0.454	0.521	22.7	0.796	0.434	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	20525	836.5	50	0	23.5	23.0	0.852	0.956	0.469	0.526	22.7	0.795	0.438	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	20525	836.5	1	25	23.5	22.9	0.585	0.672	0.301	0.346	22.7	0.559	0.287	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	20525	836.5	25	12	23.5	22.9	0.537	0.617	0.276	0.317	22.7	0.513	0.264	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	20525	836.5	1	25	24.7	23.9	0.649	**0.780**	0.374	0.450	24.7	**0.780**	0.450	18
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	20525	836.5	25	12	23.7	23.5	0.575	0.602	0.331	0.347	23.7	0.602	0.347	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	20525	836.5	1	25	24.7	23.9	0.612	0.736	0.342	0.411	24.7	0.736	0.411	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	20525	836.5	25	12	23.7	23.5	0.536	0.561	0.300	0.314	23.7	0.561	0.314	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	20525	836.5	1	25	24.7	23.9	0.419	0.504	0.202	0.243	24.7	0.504	0.243	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	20525	836.5	25	12	23.7	23.5	0.368	0.385	0.177	0.185	23.7	0.385	0.185	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	20525	836.5	1	25	24.7	23.9	0.190	0.228	0.127	0.153	24.7	0.228	0.153	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	20525	836.5	25	12	23.7	23.5	0.167	0.175	0.112	0.117	23.7	0.175	0.117	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	20525	836.5	1	25	24.7	23.9	0.123	0.148	0.066	0.079	24.7	0.148	0.079	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	20525	836.5	25	12	23.7	23.5	0.110	0.115	0.059	0.062	23.7	0.115	0.062	

UL CA 5B

Ant	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position(s)	PCC UL				SCC UL				Power (dBm)		Standalone				Power (dBm)	Simultaneous		Plot No.
						Ch #.	Freq. (MHz)	RB Allocation	RB Offset	Ch #.	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power	Meas.	Meas. 1-g SAR (W/kg)	Scaled 1-g SAR (W/kg)	Meas. 10-g SAR (W/kg)	Scaled 10-g SAR (W/kg)	Maximum Output Power	Scaled 1-g SAR (W/kg)	Scaled 10-g SAR (W/kg)	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	20476	831.6	1	49	20575	841.5	1	0	25.7	24.8	0.088	0.108	0.068	0.084	25.7	0.108	0.084	-
	Body & Hotspot	QPSK	Mode B	5	Back	20476	831.6	1	49	20575	841.5	1	0	25.7	24.8	0.251	0.309	0.142	0.175	25.7	0.309	0.175	-
	Hotspot	QPSK	Mode B	5	Edge Right	20476	831.6	1	49	20575	841.5	1	0	25.7	24.8	0.226	0.278	0.150	0.185	25.7	0.278	0.185	-
Ant	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position(s)	PCC UL				SCC UL				Power (dBm)		Standalone				Power (dBm)	Simultaneous		Plot No.
						Ch #.	Freq. (MHz)	RB Allocation	RB Offset	Ch #.	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power	Meas.	Meas. 1-g SAR (W/kg)	Scaled 1-g SAR (W/kg)	Meas. 10-g SAR (W/kg)	Scaled 10-g SAR (W/kg)	Maximum Output Power	Scaled 1-g SAR (W/kg)	Scaled 10-g SAR (W/kg)	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	20476	831.6	1	49	20575	841.5	1	0	23.5	22.1	0.683	0.943	0.386	0.533	22.7	0.784	0.443	-
	Body & Hotspot	QPSK	Mode B	5	Back	20476	831.6	1	49	20575	841.5	1	0	24.7	23.4	0.573	0.773	0.326	0.440	24.7	0.773	0.440	-

Note(s):

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

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10.7. LTE Band 7 (20MHz Bandwidth)

										Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	QPSK	Mode A	0	Left Cheek	21100	2535.0	1	49	25.7	25.0	0.295	0.347	0.162	0.190	25.6	0.339	0.186	
ANT 1	Head	QPSK	Mode A	0	Left Cheek	21100	2535.0	50	0	24.7	24.4	0.255	0.273	0.146	0.156	24.6	0.267	0.153	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	21100	2535.0	1	49	25.7	25.0	0.272	0.320	0.149	0.175	25.6	0.312	0.171	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	21100	2535.0	50	0	24.7	24.4	0.234	0.251	0.128	0.137	24.6	0.245	0.134	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	21100	2535.0	1	49	25.7	25.0	0.515	0.605	0.289	0.340	25.6	0.591	0.332	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	21100	2535.0	50	0	24.7	24.4	0.477	0.511	0.269	0.288	24.6	0.499	0.282	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	21100	2535.0	1	49	25.7	25.0	0.225	0.264	0.124	0.146	25.6	0.258	0.142	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	21100	2535.0	50	0	24.7	24.4	0.190	0.204	0.106	0.114	24.6	0.199	0.111	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	21100	2535.0	1	49	21.0	19.4	0.472	0.682	0.221	0.319	20.2	0.567	0.266	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	21100	2535.0	50	0	21.0	19.5	0.483	0.682	0.227	0.321	20.2	0.567	0.267	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	20850	2510.0	1	49	21.0	19.5	0.643	0.908	0.308	0.435	20.2	0.755	0.362	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	20850	2510.0	50	24	21.0	19.5	0.651	0.920	0.311	0.439	20.2	0.765	0.365	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	20850	2510.0	100	0	21.0	19.6	0.676	0.933	0.308	0.425	20.2	0.776	0.354	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	21100	2535.0	1	49	21.0	19.4	0.639	0.924	0.283	0.409	20.2	0.768	0.340	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	21100	2535.0	50	0	21.0	19.5	0.657	0.928	0.292	0.412	20.2	0.772	0.343	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	21350	2560.0	1	49	21.0	19.4	0.593	0.857	0.256	0.370	20.2	0.713	0.308	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	21350	2560.0	50	0	21.0	19.5	0.538	0.760	0.257	0.363	20.2	0.632	0.302	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	20850	2510.0	1	49	21.0	19.5	0.586	0.828	0.265	0.374	20.2	0.688	0.311	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	20850	2510.0	50	24	21.0	19.5	0.588	0.831	0.265	0.374	20.2	0.691	0.311	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	20850	2510.0	100	0	21.0	19.6	0.596	0.823	0.269	0.371	20.2	0.684	0.309	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	21100	2535.0	1	49	21.0	19.4	0.539	0.779	0.239	0.345	20.2	0.648	0.287	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	21100	2535.0	50	0	21.0	19.5	0.546	0.771	0.244	0.345	20.2	0.641	0.287	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	21350	2560.0	1	49	21.0	19.4	0.404	0.584	0.181	0.262	20.2	0.486	0.218	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	21350	2560.0	50	0	21.0	19.5	0.407	0.575	0.182	0.257	20.2	0.478	0.214	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	20850	2510.0	1	49	21.0	19.5	0.569	0.804	0.251	0.355	20.2	0.669	0.295	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	20850	2510.0	50	24	21.0	19.5	0.566	0.799	0.250	0.353	20.2	0.665	0.294	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	20850	2510.0	100	0	21.0	19.6	0.582	0.803	0.256	0.353	20.2	0.668	0.294	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	21100	2535.0	1	49	21.0	19.4	0.561	0.811	0.245	0.354	20.2	0.674	0.295	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	21100	2535.0	50	0	21.0	19.5	0.564	0.797	0.246	0.347	20.2	0.663	0.289	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	21350	2560.0	1	49	21.0	19.4	0.423	0.611	0.184	0.266	20.2	0.509	0.221	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	21350	2560.0	50	0	21.0	19.5	0.416	0.588	0.181	0.256	20.2	0.489	0.213	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	21100	2535.0	1	49	21.0	19.4	0.020	0.029	0.009	0.013	20.2	0.024	0.011	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	21100	2535.0	50	0	21.0	19.5	0.018	0.025	0.008	0.011	20.2	0.021	0.009	

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										Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 2	Head	QPSK	Mode A	0	Left Cheek	20850	2510.0	1	49	17.8	16.8	0.940	1.183	0.347	0.437	17.0	0.984	0.363	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	20850	2510.0	50	0	17.8	16.7	0.862	1.110	0.313	0.403	17.0	0.924	0.335	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	21100	2535.0	1	0	17.8	16.5	0.836	1.128	0.309	0.417	17.0	0.938	0.347	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	21100	2535.0	50	0	17.8	16.5	0.837	1.129	0.308	0.415	17.0	0.939	0.346	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	21350	2560.0	1	49	17.8	17.0	0.947	1.139	0.352	0.423	17.0	0.947	0.352	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	21350	2560.0	50	0	17.8	17.0	0.982	1.181	0.359	0.432	17.0	0.982	0.359	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	21350	2560.0	100	0	17.8	16.9	0.955	1.175	0.352	0.433	17.0	0.977	0.360	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	20850	2510.0	1	49	17.8	16.8	0.816	1.027	0.295	0.371	17.0	0.854	0.309	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	20850	2510.0	50	0	17.8	16.7	0.826	1.064	0.298	0.384	17.0	0.885	0.319	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	21100	2535.0	1	0	17.8	16.5	0.823	1.110	0.295	0.398	17.0	0.923	0.331	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	21100	2535.0	50	0	17.8	16.5	0.853	1.151	0.305	0.411	17.0	0.957	0.342	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	21350	2560.0	1	49	17.8	17.0	0.949	1.141	0.337	0.405	17.0	0.949	0.337	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	21350	2560.0	50	0	17.8	17.0	0.933	1.122	0.332	0.399	17.0	0.933	0.332	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	21350	2560.0	100	0	17.8	16.9	0.971	**1.195**	0.345	0.424	17.0	0.994	0.353	19
ANT 2	Head	QPSK	Mode A	0	Right Cheek	20850	2510.0	1	49	17.8	16.8	0.704	0.886	0.704	0.886	17.0	0.737	0.737	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	20850	2510.0	50	0	17.8	16.7	0.720	0.928	0.282	0.363	17.0	0.771	0.302	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	21100	2535.0	1	0	17.8	16.5	0.791	1.067	0.331	0.447	17.0	0.888	0.371	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	21100	2535.0	50	0	17.8	16.5	0.847	1.143	0.352	0.475	17.0	0.950	0.395	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	21350	2560.0	1	49	17.8	17.0	0.892	1.072	0.377	0.453	17.0	0.892	0.377	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	21350	2560.0	50	0	17.8	17.0	0.856	1.029	0.363	0.436	17.0	0.856	0.363	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	21350	2560.0	100	0	17.8	16.9	0.902	1.110	0.380	0.468	17.0	0.923	0.389	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	21100	2535.0	1	0	17.8	16.5	0.666	0.898	0.267	0.360	17.0	0.747	0.300	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	21100	2535.0	50	0	17.8	16.5	0.693	0.935	0.279	0.376	17.0	0.778	0.313	

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										Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	20850	2510.0	1	49	18.9	17.5	0.733	1.012	0.301	0.415	18.1	0.842	0.346	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	20850	2510.0	50	0	18.9	17.6	0.769	1.037	0.316	0.426	18.1	0.863	0.355	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	20850	2510.0	100	0	18.9	17.7	0.753	0.993	0.309	0.407	18.1	0.826	0.339	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	21100	2535.0	1	49	18.9	17.3	0.736	**1.064**	0.291	0.421	18.1	**0.885**	0.350	20
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	21100	2535.0	50	0	18.9	17.4	0.720	1.017	0.277	0.391	18.1	0.846	0.325	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	21350	2560.0	1	49	18.9	17.7	0.791	1.043	0.311	0.410	18.1	0.867	0.341	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	21350	2560.0	50	0	18.9	17.8	0.790	1.018	0.312	0.402	18.1	0.847	0.334	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	20850	2510.0	1	49	18.9	17.5	0.608	0.839	0.256	0.353	18.1	0.698	0.294	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	20850	2510.0	50	0	18.9	17.6	0.616	0.831	0.259	0.349	18.1	0.691	0.291	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	20850	2510.0	100	0	18.9	17.7	0.617	0.813	0.259	0.341	18.1	0.677	0.284	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	21100	2535.0	1	49	18.9	17.3	0.577	0.834	0.243	0.351	18.1	0.694	0.292	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	21100	2535.0	50	0	18.9	17.4	0.576	0.814	0.242	0.342	18.1	0.677	0.284	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	21350	2560.0	1	49	18.9	17.7	0.735	0.969	0.302	0.398	18.1	0.806	0.331	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	21350	2560.0	50	0	18.9	17.8	0.718	0.925	0.296	0.381	18.1	0.769	0.317	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	20850	2510.0	1	49	18.9	17.5	0.583	0.805	0.212	0.293	18.1	0.669	0.243	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	20850	2510.0	50	0	18.9	17.6	0.581	0.784	0.211	0.285	18.1	0.652	0.237	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	20850	2510.0	100	0	18.9	17.7	0.601	0.792	0.218	0.287	18.1	0.659	0.239	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	21100	2535.0	1	49	18.9	17.3	0.601	0.869	0.211	0.305	18.1	0.723	0.254	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	21100	2535.0	50	0	18.9	17.4	0.607	0.857	0.213	0.301	18.1	0.713	0.250	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	21350	2560.0	1	49	18.9	17.7	0.652	0.860	0.227	0.299	18.1	0.715	0.249	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	21350	2560.0	50	0	18.9	17.8	0.648	0.835	0.226	0.291	18.1	0.694	0.242	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	21100	2535.0	1	49	18.9	17.3	0.040	0.058	0.020	0.029	18.1	0.048	0.024	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	21100	2535.0	50	0	18.9	17.4	0.041	0.058	0.020	0.028	18.1	0.048	0.023	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	21100	2535.0	1	49	18.9	17.3	0.362	0.523	0.167	0.241	18.1	0.435	0.201	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	21100	2535.0	50	0	18.9	17.4	0.375	0.530	0.173	0.244	18.1	0.441	0.203	

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										Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 3	Head	QPSK	Mode A	0	Left Cheek	21100	2535.0	1	49	23.1	23.0	0.338	0.346	0.191	0.195	22.3	0.288	0.163	
ANT 3	Head	QPSK	Mode A	0	Left Cheek	21100	2535.0	50	24	23.1	22.9	0.337	0.353	0.191	0.200	22.3	0.294	0.166	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	21100	2535.0	1	49	23.1	23.0	0.158	0.162	0.082	0.084	22.3	0.134	0.070	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	21100	2535.0	50	24	23.1	22.9	0.161	0.169	0.083	0.087	22.3	0.140	0.072	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	21100	2535.0	1	49	23.1	23.0	0.182	0.186	0.106	0.108	22.3	0.155	0.090	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	21100	2535.0	50	24	23.1	22.9	0.187	0.196	0.108	0.113	22.3	0.163	0.094	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	21100	2535.0	1	49	23.1	23.0	0.185	0.189	0.099	0.101	22.3	0.157	0.084	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	21100	2535.0	50	24	23.1	22.9	0.187	0.196	0.099	0.104	22.3	0.163	0.086	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	21100	2535.0	1	49	21.1	20.2	0.475	0.584	0.248	0.305	20.3	0.486	0.254	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	21100	2535.0	50	50	21.1	20.4	0.477	0.560	0.250	0.294	20.3	0.466	0.244	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	21100	2535.0	1	49	21.1	20.2	0.508	0.625	0.270	0.332	20.3	0.520	0.276	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	21100	2535.0	50	50	21.1	20.4	0.513	0.603	0.273	0.321	20.3	0.501	0.267	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	21100	2535.0	1	49	21.1	20.2	0.192	0.236	0.097	0.119	20.3	0.196	0.099	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	21100	2535.0	50	50	21.1	20.4	0.192	0.226	0.098	0.115	20.3	0.188	0.096	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	20850	2510.0	1	0	21.1	20.2	0.903	1.111	0.424	0.522	20.3	0.924	0.434	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	20850	2510.0	50	0	21.1	20.3	0.955	1.148	0.447	0.537	20.3	0.955	0.447	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	21100	2535.0	1	49	21.1	20.2	0.787	0.968	0.361	0.444	20.3	0.805	0.369	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	21100	2535.0	50	50	21.1	20.4	0.793	0.932	0.365	0.429	20.3	0.775	0.357	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	21100	2535.0	100	0	21.1	20.4	0.819	0.962	0.377	0.443	20.3	0.800	0.368	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	21350	2560.0	1	49	21.1	20.2	0.858	1.056	0.392	0.482	20.3	0.878	0.401	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	21350	2560.0	50	0	21.1	20.3	0.821	0.987	0.375	0.451	20.3	0.821	0.375	

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										Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 4	Head	QPSK	Mode A	0	Left Cheek	20850	2510.0	1	49	21.5	19.9	0.740	1.070	0.373	0.539	20.7	0.890	0.448	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	20850	2510.0	50	24	21.5	20.0	0.742	1.048	0.374	0.528	20.7	0.872	0.439	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	20850	2510.0	100	0	21.5	20.0	0.749	1.058	0.378	0.534	20.7	0.880	0.444	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	21100	2535.0	1	49	21.5	19.7	0.780	1.181	0.373	0.565	20.7	0.982	0.470	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	21100	2535.0	50	24	21.5	19.9	0.787	1.138	0.375	0.542	20.7	0.946	0.451	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	21350	2560.0	1	49	21.5	20.1	0.672	0.928	0.334	0.461	20.7	0.772	0.383	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	21350	2560.0	50	24	21.5	20.1	0.668	0.922	0.332	0.458	20.7	0.767	0.381	
ANT 4	Head	QPSK	Mode A	0	Left Tilt	21100	2535.0	1	49	21.5	19.7	0.377	0.571	0.175	0.265	20.7	0.475	0.220	
ANT 4	Head	QPSK	Mode A	0	Left Tilt	21100	2535.0	50	24	21.5	19.9	0.378	0.546	0.175	0.253	20.7	0.454	0.210	
ANT 4	Head	QPSK	Mode A	0	Right Cheek	21100	2535.0	1	49	21.5	19.7	0.383	0.580	0.200	0.303	20.7	0.482	0.252	
ANT 4	Head	QPSK	Mode A	0	Right Cheek	21100	2535.0	50	24	21.5	19.9	0.380	0.549	0.200	0.289	20.7	0.457	0.240	
ANT 4	Head	QPSK	Mode A	0	Right Tilt	21100	2535.0	1	49	21.5	19.7	0.128	0.194	0.072	0.109	20.7	0.161	0.091	
ANT 4	Head	QPSK	Mode A	0	Right Tilt	21100	2535.0	50	24	21.5	19.9	0.127	0.184	0.072	0.104	20.7	0.153	0.087	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	21100	2535.0	1	49	21.2	20.0	0.558	0.736	0.248	0.327	20.4	0.612	0.272	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	21100	2535.0	50	24	21.2	20.0	0.559	0.737	0.248	0.327	20.4	0.613	0.272	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Front	21100	2535.0	1	49	21.2	20.0	0.394	0.519	0.192	0.253	20.4	0.432	0.211	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Front	21100	2535.0	50	24	21.2	20.0	0.392	0.517	0.191	0.252	20.4	0.430	0.209	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Top	21100	2535.0	1	49	21.2	20.0	0.131	0.173	0.058	0.076	20.4	0.144	0.064	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Top	21100	2535.0	50	24	21.2	20.0	0.128	0.169	0.056	0.074	20.4	0.140	0.061	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	20850	2510.0	1	49	21.2	20.0	0.910	**1.200**	0.417	0.550	20.4	0.998	0.457	21
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	20850	2510.0	50	24	21.2	20.1	0.904	1.165	0.414	0.533	20.4	0.969	0.444	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	21100	2535.0	1	49	21.2	20.0	0.877	1.156	0.396	0.522	20.4	0.962	0.434	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	21100	2535.0	50	24	21.2	20.0	0.876	1.155	0.359	0.473	20.4	0.961	0.394	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	21350	2560.0	1	49	21.2	20.1	0.751	0.967	0.344	0.443	20.4	0.805	0.369	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	21350	2560.0	50	24	21.2	20.1	0.742	0.956	0.340	0.438	20.4	0.795	0.364	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	21350	2560.0	100	0	21.2	20.2	0.751	0.945	0.345	0.434	20.4	0.786	0.361	

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UL CA 7C

Ant	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position(s)	PCC UL				SCC UL				Power (dBm)		Standalone				Power (dBm)	Simultaneous		Plot No.
						Ch #.	Freq. (MHz)	RB Allocation	RB Offset	Ch #.	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power	Meas.	Meas. 1-g SAR (W/kg)	Scaled 1-g SAR (W/kg)	Meas. 10-g SAR (W/kg)	Scaled 10-g SAR (W/kg)	Maximum Output Power	Scaled 1-g SAR (W/kg)	Scaled 10-g SAR (W/kg)	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	21001	2525.1	1	99	21199	2544.9	1	0	25.7	24.7	0.373	0.470	0.199	0.251	25.6	0.459	0.245	-
	Body & Hotspot	QPSK	Mode B	5	Front	20850	2510	1	99	21048	2529.8	1	0	21.0	20.5	0.691	0.775	0.309	0.347	20.2	0.645	0.288	-
Ant	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position(s)	PCC UL				SCC UL				Power (dBm)		Standalone				Power (dBm)	Simultaneous		Plot No.
						Ch #.	Freq. (MHz)	RB Allocation	RB Offset	Ch #.	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power	Meas.	Meas. 1-g SAR (W/kg)	Scaled 1-g SAR (W/kg)	Meas. 10-g SAR (W/kg)	Scaled 10-g SAR (W/kg)	Maximum Output Power	Scaled 1-g SAR (W/kg)	Scaled 10-g SAR (W/kg)	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	20850	2510	1	99	21048	2529.8	1	0	17.8	16.7	0.864	1.113	0.326	0.420	17.0	1.113	0.420	-
	Body & Hotspot	QPSK	Mode B	5	Back	21152	2540.2	1	99	21350	2560	1	0	18.9	17.7	0.712	0.939	0.284	0.374	18.1	0.939	0.374	-
Ant	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position(s)	PCC UL				SCC UL				Power (dBm)		Standalone				Power (dBm)	Simultaneous		Plot No.
						Ch #.	Freq. (MHz)	RB Allocation	RB Offset	Ch #.	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power	Meas.	Meas. 1-g SAR (W/kg)	Scaled 1-g SAR (W/kg)	Meas. 10-g SAR (W/kg)	Scaled 10-g SAR (W/kg)	Maximum Output Power	Scaled 1-g SAR (W/kg)	Scaled 10-g SAR (W/kg)	
ANT 3	Head	QPSK	Mode A	0	Left Cheek	21001	2525.1	1	99	21199	2544.9	1	0	23.1	22.4	0.237	0.278	0.136	0.160	22.3	0.232	0.133	-
	Body & Hotspot	QPSK	Mode B	5	Front	21001	2525.1	1	99	21199	2544.9	1	0	21.1	20.6	0.552	0.619	0.291	0.327	20.3	0.515	0.272	-
	Hotspot	QPSK	Mode B	5	Edge Left	20850	2510	1	99	21048	2529.8	1	0	21.1	20.4	0.817	0.960	0.378	0.444	20.3	0.798	0.369	-
Ant	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position(s)	PCC UL				SCC UL				Power (dBm)		Standalone				Power (dBm)	Simultaneous		Plot No.
						Ch #.	Freq. (MHz)	RB Allocation	RB Offset	Ch #.	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power	Meas.	Meas. 1-g SAR (W/kg)	Scaled 1-g SAR (W/kg)	Meas. 10-g SAR (W/kg)	Scaled 10-g SAR (W/kg)	Maximum Output Power	Scaled 1-g SAR (W/kg)	Scaled 10-g SAR (W/kg)	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	21001	2525.1	1	99	21199	2544.9	1	0	21.5	19.6	0.726	1.124	0.355	0.550	20.7	0.935	0.457	-
	Body & Hotspot	QPSK	Mode B	5	Back	21001	2525.1	1	99	21199	2544.9	1	0	21.2	19.5	0.494	0.731	0.221	0.327	20.4	0.608	0.272	-
	Hotspot	QPSK	Mode B	5	Edge Right	20850	2510	1	99	21048	2529.8	1	0	21.2	19.4	0.770	1.165	0.349	0.528	20.4	0.969	0.439	-

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)

										Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power (dBm)	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	QPSK	Mode A	0	Left Cheek	23095	707.5	1	25	25.7	25.0	0.120	0.141	0.096	0.113	25.7	0.141	0.113	
ANT 1	Head	QPSK	Mode A	0	Left Cheek	23095	707.5	25	12	24.7	24.2	0.099	0.111	0.080	0.090	24.7	0.111	0.090	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	23095	707.5	1	25	25.7	25.0	0.061	0.072	0.049	0.058	25.7	0.072	0.058	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	23095	707.5	25	12	24.7	24.2	0.052	0.058	0.042	0.047	24.7	0.058	0.047	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	23095	707.5	1	25	25.7	25.0	0.153	0.180	0.121	0.142	25.7	0.180	0.142	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	23095	707.5	25	12	24.7	24.2	0.129	0.145	0.102	0.114	24.7	0.145	0.114	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	23095	707.5	1	25	25.7	25.0	0.072	0.085	0.059	0.069	25.7	0.085	0.069	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	23095	707.5	25	12	24.7	24.2	0.060	0.067	0.049	0.055	24.7	0.067	0.055	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	23095	707.5	1	25	25.7	25.0	0.516	**0.606**	0.298	0.350	25.7	**0.606**	0.350	22
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	23095	707.5	25	12	24.7	24.2	0.437	0.490	0.252	0.283	24.7	0.490	0.283	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	23095	707.5	1	25	25.7	25.0	0.349	0.410	0.201	0.236	25.7	0.410	0.236	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	23095	707.5	25	12	24.7	24.2	0.290	0.325	0.167	0.187	24.7	0.325	0.187	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	23095	707.5	1	25	25.7	25.0	0.681	**0.800**	0.417	0.490	25.7	**0.800**	0.490	23
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	23095	707.5	25	12	24.7	24.2	0.580	0.651	0.356	0.399	24.7	0.651	0.399	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	23095	707.5	1	25	25.7	25.0	0.416	0.489	0.195	0.229	25.7	0.489	0.229	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	23095	707.5	25	12	24.7	24.2	0.354	0.397	0.166	0.186	24.7	0.397	0.186	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	23095	707.5	1	25	25.7	25.0	0.266	0.313	0.175	0.206	25.7	0.313	0.206	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	23095	707.5	25	12	24.7	24.2	0.225	0.252	0.148	0.166	24.7	0.252	0.166	

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										Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power (dBm)	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 2	Head	QPSK	Mode A	0	Left Cheek	23095	707.5	1	25	24.7	24.0	0.892	**1.048**	0.481	0.565	24.4	**0.978**	0.527	24
ANT 2	Head	QPSK	Mode A	0	Left Cheek	23095	707.5	25	12	23.7	23.3	0.753	0.826	0.406	0.445	23.4	0.771	0.415	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	23095	707.5	50	0	23.7	23.3	0.756	0.829	0.409	0.448	23.4	0.774	0.419	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	23095	707.5	1	25	24.7	24.0	0.673	0.791	0.348	0.409	24.4	0.738	0.382	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	23095	707.5	25	12	23.7	23.3	0.553	0.606	0.286	0.314	23.4	0.566	0.293	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	23095	707.5	50	0	23.7	23.3	0.555	0.609	0.289	0.317	23.4	0.568	0.296	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	23095	707.5	1	25	24.7	24.0	0.729	0.857	0.422	0.496	24.4	0.799	0.463	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	23095	707.5	25	12	23.7	23.3	0.676	0.741	0.395	0.433	23.4	0.692	0.404	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	23095	707.5	50	0	23.7	23.3	0.653	0.716	0.382	0.419	23.4	0.668	0.391	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	23095	707.5	1	25	24.7	24.0	0.556	0.653	0.298	0.350	24.4	0.610	0.327	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	23095	707.5	25	12	23.7	23.3	0.513	0.562	0.293	0.321	23.4	0.525	0.300	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	23095	707.5	1	25	24.7	24.0	0.454	0.533	0.252	0.296	24.7	0.533	0.296	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	23095	707.5	25	12	23.7	23.3	0.386	0.423	0.214	0.235	23.7	0.423	0.235	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	23095	707.5	1	25	24.7	24.0	0.364	0.428	0.205	0.241	24.7	0.428	0.241	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	23095	707.5	25	12	23.7	23.3	0.319	0.350	0.178	0.195	23.7	0.350	0.195	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	23095	707.5	1	25	24.7	24.0	0.252	0.296	0.116	0.136	24.7	0.296	0.136	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	23095	707.5	25	12	23.7	23.3	0.213	0.234	0.098	0.107	23.7	0.234	0.107	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	23095	707.5	1	25	24.7	24.0	0.122	0.143	0.083	0.098	24.7	0.143	0.098	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	23095	707.5	25	12	23.7	23.3	0.121	0.133	0.082	0.090	23.7	0.133	0.090	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	23095	707.5	1	25	24.7	24.0	0.168	0.197	0.087	0.102	24.7	0.197	0.102	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	23095	707.5	25	12	23.7	23.3	0.150	0.164	0.101	0.111	23.7	0.164	0.111	

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10.9. LTE Band 13 (10MHz Bandwidth)

										Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power (dBm)	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	QPSK	Mode A	0	Left Cheek	23230	782.0	1	25	25.7	25.2	0.153	0.172	0.122	0.137	25.7	0.172	0.137	
ANT 1	Head	QPSK	Mode A	0	Left Cheek	23230	782.0	25	12	24.7	24.6	0.128	0.131	0.102	0.104	24.7	0.131	0.104	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	23230	782.0	1	25	25.7	25.2	0.101	0.113	0.081	0.091	25.7	0.113	0.091	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	23230	782.0	25	12	24.7	24.6	0.084	0.086	0.067	0.069	24.7	0.086	0.069	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	23230	782.0	1	25	25.7	25.2	0.212	0.238	0.166	0.186	25.7	0.238	0.186	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	23230	782.0	25	12	24.7	24.6	0.168	0.172	0.133	0.136	24.7	0.172	0.136	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	23230	782.0	1	25	25.7	25.2	0.115	0.129	0.093	0.104	25.7	0.129	0.104	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	23230	782.0	25	12	24.7	24.6	0.098	0.100	0.079	0.081	24.7	0.100	0.081	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	23230	782.0	1	25	25.7	25.2	0.512	0.574	0.294	0.330	25.7	0.574	0.330	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	23230	782.0	25	12	24.7	24.6	0.428	0.438	0.246	0.252	24.7	0.438	0.252	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	23230	782.0	1	25	25.7	25.2	0.371	0.416	0.217	0.243	25.7	0.416	0.243	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	23230	782.0	25	12	24.7	24.6	0.313	0.320	0.183	0.187	24.7	0.320	0.187	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	23230	782.0	1	25	25.7	25.2	0.799	**0.896**	0.525	0.589	25.7	**0.896**	0.589	25
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	23230	782.0	25	12	24.7	24.6	0.685	0.701	0.451	0.462	24.7	0.701	0.462	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	23230	782.0	1	25	25.7	25.2	0.431	0.484	0.196	0.220	25.7	0.484	0.220	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	23230	782.0	25	12	24.7	24.6	0.372	0.381	0.169	0.173	24.7	0.381	0.173	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	23230	782.0	1	25	25.7	25.2	0.298	0.334	0.195	0.219	25.7	0.334	0.219	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	23230	782.0	25	12	24.7	24.6	0.245	0.251	0.160	0.164	24.7	0.251	0.164	

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										Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power (dBm)	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 2	Head	QPSK	Mode A	0	Left Cheek	23230	782.0	1	25	23.7	23.2	0.856	0.960	0.485	0.544	22.9	0.856	0.485	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	23230	782.0	25	12	23.7	23.2	0.853	0.957	0.484	0.543	22.9	0.853	0.484	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	23230	782.0	50	0	23.7	23.3	0.897	0.984	0.512	0.561	22.9	0.877	0.500	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	23230	782.0	1	25	23.7	23.2	0.642	0.720	0.356	0.399	22.9	0.642	0.356	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	23230	782.0	25	12	23.7	23.2	0.643	0.721	0.351	0.394	22.9	0.643	0.351	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	23230	782.0	1	25	23.7	23.2	0.957	**1.074**	0.527	0.591	22.9	**0.957**	0.527	26
ANT 2	Head	QPSK	Mode A	0	Right Cheek	23230	782.0	25	12	23.7	23.2	0.945	1.060	0.522	0.586	22.9	0.945	0.522	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	23230	782.0	50	0	23.7	23.3	0.963	1.056	0.532	0.583	22.9	0.941	0.520	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	23230	782.0	1	25	23.7	23.2	0.615	0.690	0.330	0.370	22.9	0.615	0.330	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	23230	782.0	25	12	23.7	23.2	0.617	0.692	0.329	0.369	22.9	0.617	0.329	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	23230	782.0	1	25	24.7	23.7	0.729	**0.918**	0.403	0.507	24.7	**0.918**	0.507	27
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	23230	782.0	25	12	23.7	23.1	0.624	0.716	0.345	0.396	23.7	0.716	0.396	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	23230	782.0	1	25	24.7	23.7	0.593	0.747	0.330	0.415	24.7	0.747	0.415	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	23230	782.0	25	12	23.7	23.1	0.504	0.579	0.281	0.323	23.7	0.579	0.323	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	23230	782.0	1	25	24.7	23.7	0.425	0.535	0.196	0.247	24.7	0.535	0.247	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	23230	782.0	25	12	23.7	23.1	0.355	0.408	0.164	0.188	23.7	0.408	0.188	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	23230	782.0	1	25	24.7	23.7	0.256	0.322	0.173	0.218	24.7	0.322	0.218	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	23230	782.0	25	12	23.7	23.1	0.223	0.256	0.148	0.170	23.7	0.256	0.170	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	23230	782.0	1	25	24.7	23.7	0.140	0.176	0.093	0.117	24.7	0.176	0.117	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	23230	782.0	25	12	23.7	23.1	0.126	0.145	0.084	0.096	23.7	0.145	0.096	

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10.10. LTE Band 14 (10MHz Bandwidth)

										Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power (dBm)	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	QPSK	Mode A	0	Left Cheek	23330	793.0	1	25	25.7	25.3	0.207	0.227	0.163	0.179	25.7	0.227	0.179	
ANT 1	Head	QPSK	Mode A	0	Left Cheek	23330	793.0	25	12	24.7	24.6	0.179	0.183	0.140	0.143	24.7	0.183	0.143	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	23330	793.0	1	25	25.7	25.3	0.131	0.144	0.104	0.114	25.7	0.144	0.114	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	23330	793.0	25	12	24.7	24.6	0.110	0.113	0.087	0.089	24.7	0.113	0.089	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	23330	793.0	1	25	25.7	25.3	0.209	0.229	0.163	0.179	25.7	0.229	0.179	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	23330	793.0	25	12	24.7	24.6	0.178	0.182	0.139	0.142	24.7	0.182	0.142	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	23330	793.0	1	25	25.7	25.3	0.156	0.171	0.124	0.136	25.7	0.171	0.136	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	23330	793.0	25	12	24.7	24.6	0.094	0.096	0.076	0.078	24.7	0.096	0.078	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	23330	793.0	1	25	25.7	24.7	0.556	0.700	0.319	0.402	25.7	0.700	0.402	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	23330	793.0	25	12	24.7	24.2	0.469	0.526	0.268	0.301	24.7	0.526	0.301	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	23330	793.0	1	25	25.7	24.7	0.376	0.473	0.228	0.287	25.7	0.473	0.287	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	23330	793.0	25	12	24.7	24.2	0.319	0.358	0.194	0.218	24.7	0.358	0.218	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	23330	793.0	1	25	25.7	24.7	0.700	**0.881**	0.425	0.535	25.7	**0.881**	0.535	28
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	23330	793.0	25	12	24.7	24.2	0.592	0.664	0.361	0.405	24.7	0.664	0.405	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	23330	793.0	1	25	25.7	24.7	0.419	0.527	0.192	0.242	25.7	0.527	0.242	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	23330	793.0	25	12	24.7	24.2	0.361	0.405	0.165	0.185	24.7	0.405	0.185	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	23330	793.0	1	25	25.7	24.7	0.338	0.426	0.221	0.278	25.7	0.426	0.278	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	23330	793.0	25	12	24.7	24.2	0.299	0.335	0.196	0.220	24.7	0.335	0.220	

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										Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power (dBm)	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 2	Head	QPSK	Mode A	0	Left Cheek	23330	793.0	1	0	23.7	22.8	0.855	1.052	0.492	0.605	22.9	0.875	0.503	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	23330	793.0	25	0	23.7	23.0	0.908	1.067	0.526	0.618	22.9	0.887	0.514	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	23330	793.0	50	0	23.7	23.1	0.931	1.069	0.537	0.617	22.9	0.889	0.513	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	23330	793.0	1	0	23.7	22.8	0.634	0.780	0.342	0.421	22.9	0.649	0.350	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	23330	793.0	25	0	23.7	23.0	0.673	0.791	0.365	0.429	22.9	0.658	0.357	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	23330	793.0	1	0	23.7	22.8	0.949	1.168	0.524	0.645	22.9	0.971	0.536	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	23330	793.0	25	0	23.7	23.0	1.000	**1.175**	0.554	0.651	22.9	**0.977**	0.541	29
ANT 2	Head	QPSK	Mode A	0	Right Cheek	23330	793.0	50	0	23.7	23.1	1.020	1.171	0.563	0.646	22.9	0.974	0.538	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	23330	793.0	1	0	23.7	22.8	0.597	0.734	0.319	0.392	22.9	0.611	0.326	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	23330	793.0	25	0	23.7	23.0	0.633	0.744	0.337	0.396	22.9	0.619	0.329	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	23330	793.0	1	25	24.7	23.8	0.723	**0.889**	0.401	0.493	24.7	**0.889**	0.493	30
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	23330	793.0	25	12	23.7	23.1	0.600	0.689	0.332	0.381	23.7	0.689	0.381	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	23330	793.0	1	25	24.7	23.8	0.580	0.714	0.325	0.400	24.7	0.714	0.400	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	23330	793.0	25	12	23.7	23.1	0.530	0.609	0.293	0.336	23.7	0.609	0.336	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	23330	793.0	1	25	24.7	23.8	0.244	0.300	0.111	0.137	24.7	0.300	0.137	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	23330	793.0	25	12	23.7	23.1	0.307	0.352	0.140	0.161	23.7	0.352	0.161	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	23330	793.0	1	25	24.7	23.8	0.278	0.342	0.185	0.228	24.7	0.342	0.228	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	23330	793.0	25	12	23.7	23.1	0.240	0.276	0.159	0.183	23.7	0.276	0.183	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	23330	793.0	1	25	24.7	23.8	0.153	0.188	0.081	0.100	24.7	0.188	0.100	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	23330	793.0	25	12	23.7	23.1	0.125	0.144	0.082	0.094	23.7	0.144	0.094	

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10.11. LTE Band 25 (20MHz Bandwidth)

										Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power (dBm)	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	QPSK	Mode A	0	Left Cheek	26365	1882.5	1	49	25.7	25.0	0.106	0.125	0.069	0.081	25.1	0.108	0.071	
ANT 1	Head	QPSK	Mode A	0	Left Cheek	26365	1882.5	50	0	24.7	24.3	0.107	0.117	0.072	0.079	24.7	0.117	0.079	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	26365	1882.5	1	49	25.7	25.0	0.094	0.110	0.059	0.069	25.1	0.096	0.060	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	26365	1882.5	50	0	24.7	24.3	0.092	0.101	0.057	0.062	24.7	0.101	0.062	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	26365	1882.5	1	49	25.7	25.0	0.228	0.268	0.147	0.173	25.1	0.233	0.150	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	26365	1882.5	50	0	24.7	24.3	0.196	0.215	0.126	0.138	24.7	0.215	0.138	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	26365	1882.5	1	49	25.7	25.0	0.120	0.141	0.074	0.087	25.1	0.123	0.076	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	26365	1882.5	50	0	24.7	24.3	0.100	0.110	0.062	0.068	24.7	0.110	0.068	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	26365	1882.5	1	49	19.7	18.4	0.391	0.527	0.207	0.279	18.9	0.439	0.232	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	26365	1882.5	50	0	19.7	18.4	0.420	0.567	0.223	0.301	18.9	0.471	0.250	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	26365	1882.5	1	49	19.7	18.4	0.273	0.368	0.145	0.196	18.9	0.306	0.163	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	26365	1882.5	50	0	19.7	18.4	0.294	0.397	0.154	0.208	18.9	0.330	0.173	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	26365	1882.5	1	49	19.7	18.4	0.265	0.357	0.124	0.167	18.9	0.297	0.139	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	26365	1882.5	50	0	19.7	18.4	0.283	0.382	0.133	0.179	18.9	0.318	0.149	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	26140	1860.0	1	49	19.7	18.4	0.826	1.114	0.389	0.525	18.9	0.927	0.436	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	26140	1860.0	50	0	19.7	18.4	0.837	1.129	0.394	0.531	18.9	0.939	0.442	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	26140	1860.0	100	0	19.7	18.4	0.875	1.180	0.409	0.552	18.9	0.982	0.459	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	26365	1882.5	1	49	19.7	18.4	0.722	0.974	0.341	0.460	18.9	0.810	0.383	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	26365	1882.5	50	0	19.7	18.4	0.757	1.021	0.355	0.479	18.9	0.849	0.398	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	26590	1905.0	1	0	19.7	18.4	0.666	0.898	0.314	0.424	18.9	0.747	0.352	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	26590	1905.0	50	0	19.7	18.4	0.679	0.916	0.319	0.430	18.9	0.762	0.358	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	26365	1882.5	1	49	19.7	18.4	0.019	0.026	0.010	0.013	18.9	0.021	0.011	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	26365	1882.5	50	0	19.7	18.4	0.021	0.028	0.012	0.016	18.9	0.024	0.013	

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										Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power (dBm)	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 2	Head	QPSK	Mode A	0	Left Cheek	26365	1882.5	1	49	21.0	19.9	0.454	0.585	0.251	0.323	20.2	0.486	0.269	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	26365	1882.5	50	0	21.0	19.9	0.398	0.513	0.224	0.289	20.2	0.436	0.246	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	26365	1882.5	1	49	21.0	19.9	0.241	0.310	0.128	0.165	20.2	0.258	0.137	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	26365	1882.5	50	0	21.0	19.9	0.246	0.317	0.130	0.167	20.2	0.264	0.139	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	26140	1860.0	1	49	21.0	19.9	0.675	0.870	0.381	0.491	20.2	0.723	0.408	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	26140	1860.0	50	0	21.0	19.9	0.671	0.864	0.378	0.487	20.2	0.719	0.405	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	26140	1860.0	100	0	21.0	20.0	0.560	0.705	0.313	0.394	20.2	0.586	0.328	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	26365	1882.5	1	49	21.0	19.9	0.675	0.870	0.376	0.484	20.2	0.723	0.403	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	26365	1882.5	50	0	21.0	19.9	0.696	0.897	0.388	0.500	20.2	0.746	0.416	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	26590	1905.0	1	49	21.0	19.7	0.658	0.888	0.375	0.506	20.2	0.738	0.421	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	26590	1905.0	50	0	21.0	19.8	0.680	0.896	0.386	0.509	20.2	0.746	0.423	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	26140	1860.0	1	49	21.0	19.9	0.694	0.894	0.321	0.414	20.2	0.744	0.344	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	26140	1860.0	50	0	21.0	19.9	0.701	0.903	0.326	0.420	20.2	0.751	0.349	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	26140	1860.0	100	0	21.0	20.0	0.703	0.885	0.324	0.408	20.2	0.736	0.339	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	26365	1882.5	1	49	21.0	19.9	0.616	0.794	0.291	0.375	20.2	0.660	0.312	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	26365	1882.5	50	0	21.0	19.9	0.617	0.795	0.292	0.376	20.2	0.661	0.313	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	26590	1905.0	1	49	21.0	19.7	0.674	0.909	0.313	0.422	20.2	0.756	0.351	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	26590	1905.0	50	0	21.0	19.8	0.695	0.916	0.322	0.424	20.2	0.762	0.353	

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										Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power (dBm)	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	26140	1860.0	1	49	21.3	20.3	0.813	1.024	0.392	0.493	20.5	0.851	0.410	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	26140	1860.0	50	0	21.3	20.3	0.800	1.007	0.382	0.481	20.5	0.838	0.400	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	26140	1860.0	100	0	21.3	20.4	0.808	0.994	0.388	0.477	20.5	0.827	0.397	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	26365	1882.5	1	49	21.3	20.3	0.824	1.037	0.393	0.495	20.5	0.863	0.412	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	26365	1882.5	50	0	21.3	20.3	0.818	1.030	0.388	0.488	20.5	0.857	0.406	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	26590	1905.0	1	49	21.3	20.2	0.845	1.089	0.402	0.518	20.5	0.905	0.431	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	26590	1905.0	50	0	21.3	20.2	0.847	**1.091**	0.401	0.517	20.5	**0.908**	0.430	31
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	26365	1882.5	1	49	21.3	20.3	0.511	0.643	0.251	0.316	20.5	0.535	0.263	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	26365	1882.5	50	0	21.3	20.3	0.531	0.668	0.262	0.330	20.5	0.556	0.274	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	26365	1882.5	1	49	21.3	20.3	0.606	0.763	0.279	0.351	20.5	0.635	0.292	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	26365	1882.5	50	0	21.3	20.3	0.633	0.797	0.292	0.368	20.5	0.663	0.306	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	26365	1882.5	1	49	21.3	20.3	0.017	0.021	0.009	0.011	20.5	0.018	0.009	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	26365	1882.5	50	0	21.3	20.3	0.014	0.018	0.008	0.010	20.5	0.015	0.008	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	26140	1860.0	1	49	21.3	20.3	0.679	0.855	0.331	0.417	20.5	0.711	0.347	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	26140	1860.0	50	0	21.3	20.3	0.680	0.856	0.331	0.417	20.5	0.712	0.347	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	26365	1882.5	1	49	21.3	20.3	0.884	1.113	0.427	0.538	20.5	0.926	0.447	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	26365	1882.5	50	0	21.3	20.3	0.796	1.002	0.379	0.477	20.5	0.834	0.397	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	26365	1882.5	100	0	21.3	20.3	0.914	1.151	0.433	0.545	20.5	0.957	0.453	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	26590	1905.0	1	49	21.3	20.2	0.727	0.937	0.354	0.456	20.5	0.779	0.379	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	26590	1905.0	50	0	21.3	20.2	0.742	0.956	0.361	0.465	20.5	0.795	0.387	

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										Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power (dBm)	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 3	Head	QPSK	Mode A	0	Left Cheek	26365	1882.5	1	49	24.5	24.1	0.613	0.672	0.383	0.420	23.7	0.559	0.349	
ANT 3	Head	QPSK	Mode A	0	Left Cheek	26365	1882.5	50	0	24.2	24.0	0.596	0.624	0.373	0.391	23.4	0.519	0.325	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	26365	1882.5	1	49	24.5	24.1	0.294	0.322	0.189	0.207	23.7	0.268	0.172	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	26365	1882.5	50	0	24.2	24.0	0.291	0.305	0.191	0.200	23.4	0.253	0.166	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	26365	1882.5	1	49	24.5	24.1	0.348	0.382	0.235	0.258	23.7	0.317	0.214	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	26365	1882.5	50	0	24.2	24.0	0.338	0.354	0.231	0.242	23.4	0.294	0.201	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	26365	1882.5	1	49	24.5	24.1	0.237	0.260	0.151	0.166	23.7	0.216	0.138	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	26365	1882.5	50	0	24.2	24.0	0.235	0.246	0.150	0.157	23.4	0.205	0.131	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	26140	1860.0	1	0	21.8	20.9	0.733	0.902	0.405	0.498	21.0	0.750	0.414	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	26140	1860.0	50	0	21.8	21.0	0.740	0.890	0.411	0.494	21.0	0.740	0.411	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	26140	1860.0	100	0	21.8	21.0	0.769	0.925	0.420	0.505	21.0	0.769	0.420	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	26365	1882.5	1	49	21.8	21.1	0.745	0.875	0.405	0.476	21.0	0.728	0.396	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	26365	1882.5	50	0	21.8	21.0	0.756	0.909	0.409	0.492	21.0	0.756	0.409	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	26590	1905.0	1	0	21.8	21.0	0.772	0.928	0.428	0.515	21.0	0.772	0.428	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	26590	1905.0	50	0	21.8	20.9	0.745	0.917	0.399	0.491	21.0	0.762	0.408	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	26140	1860.0	1	0	21.8	20.9	0.765	0.941	0.400	0.492	21.0	0.783	0.409	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	26140	1860.0	50	0	21.8	21.0	0.785	0.944	0.409	0.492	21.0	0.785	0.409	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	26140	1860.0	100	0	21.8	21.0	0.806	0.969	0.420	0.505	21.0	0.806	0.420	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	26365	1882.5	1	49	21.8	21.1	0.727	0.854	0.381	0.448	21.0	0.710	0.372	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	26365	1882.5	50	0	21.8	21.0	0.715	0.860	0.374	0.450	21.0	0.715	0.374	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	26590	1905.0	1	0	21.8	21.0	0.791	0.951	0.408	0.491	21.0	0.791	0.408	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	26590	1905.0	50	0	21.8	20.9	0.814	1.001	0.424	0.522	21.0	0.833	0.434	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	26365	1882.5	1	49	21.8	21.1	0.300	0.352	0.152	0.179	21.0	0.293	0.149	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	26365	1882.5	50	0	21.8	21.0	0.286	0.344	0.148	0.178	21.0	0.286	0.148	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	26140	1860.0	1	0	21.8	20.9	0.737	0.907	0.392	0.482	21.0	0.754	0.401	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	26140	1860.0	50	0	21.8	21.0	0.725	0.872	0.364	0.438	21.0	0.725	0.364	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	26140	1860.0	100	0	21.8	21.0	0.997	**1.199**	0.504	0.606	21.0	**0.997**	0.504	32
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	26365	1882.5	1	49	21.8	21.1	0.863	1.014	0.424	0.498	21.0	0.843	0.414	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	26365	1882.5	50	0	21.8	21.0	0.867	1.042	0.427	0.513	21.0	0.867	0.427	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	26365	1882.5	100	0	21.8	21.0	0.859	1.033	0.424	0.510	21.0	0.859	0.424	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	26590	1905.0	1	0	21.8	21.0	0.787	0.946	0.383	0.460	21.0	0.787	0.383	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	26590	1905.0	50	0	21.8	20.9	0.840	1.033	0.408	0.502	21.0	0.860	0.418	

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										Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power (dBm)	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 4	Head	QPSK	Mode A	0	Left Cheek	26140	1860.0	1	0	19.8	19.0	0.723	0.869	0.344	0.414	19.0	0.723	0.344	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	26140	1860.0	50	0	19.8	19.1	0.776	0.912	0.369	0.434	19.0	0.758	0.361	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	26365	1882.5	1	49	19.8	19.1	0.773	0.908	0.364	0.428	19.0	0.755	0.356	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	26365	1882.5	50	50	19.8	19.2	0.808	0.928	0.381	0.437	19.0	0.772	0.364	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	26365	1882.5	100	0	19.8	19.2	1.030	**1.183**	0.479	0.550	19.0	**0.984**	0.457	33
ANT 4	Head	QPSK	Mode A	0	Left Cheek	26590	1905.0	1	49	19.8	19.1	0.941	1.106	0.438	0.515	19.0	0.920	0.428	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	26590	1905.0	50	24	19.8	19.2	0.861	0.989	0.388	0.445	19.0	0.822	0.371	
ANT 4	Head	QPSK	Mode A	0	Left Tilt	26365	1882.5	1	49	19.8	19.1	0.286	0.336	0.151	0.177	19.0	0.279	0.148	
ANT 4	Head	QPSK	Mode A	0	Left Tilt	26365	1882.5	50	50	19.8	19.2	0.296	0.340	0.157	0.180	19.0	0.283	0.150	
ANT 4	Head	QPSK	Mode A	0	Right Cheek	26365	1882.5	1	49	19.8	19.1	0.219	0.257	0.124	0.146	19.0	0.214	0.121	
ANT 4	Head	QPSK	Mode A	0	Right Cheek	26365	1882.5	50	50	19.8	19.2	0.230	0.264	0.130	0.149	19.0	0.220	0.124	
ANT 4	Head	QPSK	Mode A	0	Right Tilt	26365	1882.5	1	49	19.8	19.1	0.148	0.174	0.087	0.102	19.0	0.145	0.085	
ANT 4	Head	QPSK	Mode A	0	Right Tilt	26365	1882.5	50	50	19.8	19.2	0.154	0.177	0.090	0.103	19.0	0.147	0.086	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	26365	1882.5	1	49	21.7	20.4	0.361	0.487	0.184	0.248	20.9	0.405	0.206	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	26365	1882.5	50	50	21.7	20.5	0.375	0.494	0.190	0.250	20.9	0.411	0.208	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Front	26365	1882.5	1	49	21.7	20.4	0.291	0.393	0.146	0.197	20.9	0.327	0.164	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Front	26365	1882.5	50	50	21.7	20.5	0.304	0.401	0.153	0.202	20.9	0.333	0.168	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Top	26365	1882.5	1	49	21.7	20.4	0.165	0.223	0.078	0.105	20.9	0.185	0.088	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Top	26365	1882.5	50	50	21.7	20.5	0.164	0.216	0.078	0.103	20.9	0.180	0.086	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	26140	1860.0	1	49	21.7	20.2	0.560	0.791	0.272	0.384	20.9	0.658	0.320	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	26140	1860.0	50	0	21.7	20.4	0.552	0.745	0.269	0.363	20.9	0.619	0.302	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	26365	1882.5	1	49	21.7	20.4	0.615	0.830	0.296	0.399	20.9	0.690	0.332	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	26365	1882.5	50	50	21.7	20.5	0.630	0.831	0.304	0.401	20.9	0.691	0.333	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	26365	1882.5	100	0	21.7	20.5	0.688	0.907	0.336	0.443	20.9	0.754	0.368	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	26590	1905.0	1	49	21.7	20.4	0.678	0.915	0.325	0.438	20.9	0.761	0.365	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	26590	1905.0	50	24	21.7	20.4	0.676	0.912	0.324	0.437	20.9	0.758	0.364	

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10.12. LTE Band 26 (10MHz Bandwidth)

										Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power (dBm)	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	QPSK	Mode A	0	Left Cheek	26865	831.5	1	25	25.7	25.1	0.180	0.207	0.140	0.161	25.7	0.211	0.164	
ANT 1	Head	QPSK	Mode A	0	Left Cheek	26865	831.5	25	12	24.7	24.4	0.150	0.161	0.117	0.125	24.7	0.176	0.137	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	26865	831.5	1	25	25.7	25.1	0.097	0.111	0.077	0.088	25.7	0.114	0.090	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	26865	831.5	25	12	24.7	24.4	0.082	0.088	0.066	0.071	24.7	0.096	0.078	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	26865	831.5	1	25	25.7	25.1	0.279	0.320	0.216	0.248	25.7	0.328	0.254	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	26865	831.5	25	12	24.7	24.4	0.249	0.267	0.197	0.211	24.7	0.293	0.231	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	26865	831.5	1	25	25.7	25.1	0.125	0.144	0.094	0.108	25.7	0.147	0.110	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	26865	831.5	25	12	24.7	24.4	0.114	0.122	0.088	0.094	24.7	0.134	0.103	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	26865	831.5	1	25	25.7	25.1	0.619	0.711	0.334	0.383	25.7	0.727	0.392	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	26865	831.5	25	12	24.7	24.4	0.544	0.583	0.298	0.319	24.7	0.639	0.350	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	26865	831.5	1	25	25.7	25.1	0.405	0.465	0.229	0.263	25.7	0.476	0.269	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	26865	831.5	25	12	24.7	24.4	0.370	0.396	0.212	0.227	24.7	0.435	0.249	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	26865	831.5	1	25	25.7	25.1	0.633	**0.727**	0.421	0.483	25.7	**0.744**	0.495	34
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	26865	831.5	25	12	24.7	24.4	0.547	0.586	0.363	0.389	24.7	0.643	0.426	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	26865	831.5	1	25	25.7	25.1	0.480	0.551	0.216	0.248	25.7	0.564	0.254	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	26865	831.5	25	12	24.7	24.4	0.409	0.438	0.183	0.196	24.7	0.481	0.215	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	26865	831.5	1	25	25.7	25.1	0.287	0.330	0.189	0.217	25.7	0.337	0.222	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	26865	831.5	25	12	24.7	24.4	0.250	0.268	0.164	0.176	24.7	0.294	0.193	

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										Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power (dBm)	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 2	Head	QPSK	Mode A	0	Left Cheek	26740	819.0	1	49	23.5	22.9	0.991	1.138	0.560	0.643	22.7	0.946	0.535	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	26740	819.0	25	0	23.5	22.9	0.912	1.047	0.537	0.617	22.7	0.871	0.513	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	26740	819.0	50	0	23.5	22.9	0.960	1.102	0.548	0.629	22.7	0.917	0.523	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	26865	831.5	1	25	23.5	22.8	1.000	1.175	0.562	0.660	22.7	0.977	0.549	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	26865	831.5	25	0	23.5	22.8	0.882	1.036	0.513	0.603	22.7	0.862	0.501	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	26990	844.0	1	0	23.5	22.8	1.000	**1.175**	0.565	0.664	22.7	**0.977**	0.552	35
ANT 2	Head	QPSK	Mode A	0	Left Cheek	26990	844.0	25	0	23.5	22.7	0.890	1.070	0.517	0.622	22.7	0.890	0.517	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	26740	819.0	1	49	23.5	22.9	0.708	0.813	0.374	0.429	22.7	0.676	0.357	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	26740	819.0	25	0	23.5	22.9	0.687	0.789	0.365	0.419	22.7	0.656	0.349	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	26740	819.0	50	0	23.5	22.9	0.652	0.749	0.354	0.406	22.7	0.623	0.338	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	26865	831.5	1	25	23.5	22.8	0.703	0.826	0.370	0.435	22.7	0.687	0.362	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	26865	831.5	25	0	23.5	22.8	0.700	0.822	0.372	0.437	22.7	0.684	0.364	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	26990	844.0	1	0	23.5	22.8	0.730	0.858	0.388	0.456	22.7	0.713	0.379	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	26990	844.0	25	0	23.5	22.7	0.707	0.850	0.379	0.456	22.7	0.707	0.379	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	26740	819.0	1	49	23.5	22.9	0.902	1.036	0.532	0.611	22.7	0.861	0.508	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	26740	819.0	25	0	23.5	22.9	0.838	0.962	0.498	0.572	22.7	0.800	0.476	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	26740	819.0	50	0	23.5	22.9	0.908	1.043	0.531	0.610	22.7	0.867	0.507	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	26865	831.5	1	25	23.5	22.8	0.912	1.072	0.538	0.632	22.7	0.891	0.526	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	26865	831.5	25	0	23.5	22.8	0.889	1.044	0.525	0.617	22.7	0.869	0.513	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	26990	844.0	1	0	23.5	22.8	0.873	1.026	0.505	0.593	22.7	0.853	0.494	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	26990	844.0	25	0	23.5	22.7	0.903	1.086	0.531	0.638	22.7	0.903	0.531	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	26865	831.5	1	25	23.5	22.8	0.587	0.690	0.311	0.365	22.7	0.574	0.304	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	26865	831.5	25	0	23.5	22.8	0.581	0.683	0.310	0.364	22.7	0.568	0.303	

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										Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power (dBm)	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	26740	819.0	1	49	24.7	23.7	0.605	0.762	0.348	0.438	24.7	0.762	0.438	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	26740	819.0	25	0	23.7	23.2	0.468	0.525	0.270	0.303	23.7	0.550	0.317	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	26740	819.0	50	0	23.7	23.2	0.506	0.568	0.303	0.340	23.7	0.568	0.340	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	26865	831.5	1	25	24.7	23.7	0.723	**0.910**	0.412	0.519	24.7	**0.910**	0.519	36
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	26865	831.5	25	0	23.7	23.1	0.616	0.707	0.351	0.403	23.7	0.707	0.403	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	26990	844.0	1	0	24.7	23.5	0.682	0.899	0.392	0.517	24.7	0.899	0.517	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	26990	844.0	25	0	23.7	23.0	0.591	0.694	0.339	0.398	23.7	0.694	0.398	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	26865	831.5	1	25	24.7	23.7	0.578	0.728	0.335	0.422	24.7	0.728	0.422	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	26865	831.5	25	0	23.7	23.1	0.491	0.564	0.285	0.327	23.7	0.564	0.327	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	26865	831.5	1	25	24.7	23.7	0.416	0.524	0.202	0.254	24.7	0.524	0.254	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	26865	831.5	25	0	23.7	23.1	0.373	0.428	0.184	0.211	23.7	0.428	0.211	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	26865	831.5	1	25	24.7	23.7	0.262	0.330	0.174	0.219	24.7	0.330	0.219	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	26865	831.5	25	0	23.7	23.1	0.211	0.242	0.140	0.161	23.7	0.242	0.161	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	26865	831.5	1	25	24.7	23.7	0.137	0.172	0.091	0.115	24.7	0.172	0.115	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	26865	831.5	25	0	23.7	23.1	0.128	0.147	0.064	0.073	23.7	0.147	0.073	

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10.13. LTE Band 30 (10MHz Bandwidth)

										Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power (dBm)	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	QPSK	Mode A	0	Left Cheek	27710	2310.0	1	0	25.7	25.2	0.337	0.378	0.193	0.217	25.7	0.378	0.217	
ANT 1	Head	QPSK	Mode A	0	Left Cheek	27710	2310.0	25	0	24.7	24.5	0.300	0.314	0.172	0.180	24.7	0.314	0.180	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	27710	2310.0	1	0	25.7	25.2	0.323	0.362	0.169	0.190	25.7	0.362	0.190	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	27710	2310.0	25	0	24.7	24.5	0.294	0.308	0.153	0.160	24.7	0.308	0.160	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	27710	2310.0	1	0	25.7	25.2	0.517	0.580	0.291	0.327	25.7	0.580	0.327	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	27710	2310.0	25	0	24.7	24.5	0.447	0.468	0.252	0.264	24.7	0.468	0.264	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	27710	2310.0	1	0	25.7	25.2	0.212	0.238	0.118	0.132	25.7	0.238	0.132	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	27710	2310.0	25	0	24.7	24.5	0.189	0.198	0.106	0.111	24.7	0.198	0.111	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	27710	2310.0	1	0	22.9	21.8	0.860	1.108	0.439	0.566	22.1	0.922	0.470	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	27710	2310.0	25	12	22.9	21.9	0.850	1.070	0.430	0.541	22.1	0.890	0.450	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	27710	2310.0	50	0	22.9	22.0	0.971	**1.195**	0.481	0.592	22.1	0.994	0.492	37
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	27710	2310.0	1	0	22.9	21.8	0.673	0.867	0.316	0.407	22.1	0.721	0.339	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	27710	2310.0	25	12	22.9	21.9	0.646	0.813	0.301	0.379	22.1	0.676	0.315	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	27710	2310.0	50	0	22.9	22.0	0.608	0.748	0.312	0.384	22.1	0.622	0.319	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	27710	2310.0	1	0	22.9	21.8	0.858	1.105	0.394	0.508	22.1	0.919	0.422	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	27710	2310.0	25	12	22.9	21.9	0.839	1.056	0.385	0.485	22.1	0.879	0.403	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	27710	2310.0	50	0	22.9	22.0	0.913	**1.123**	0.407	0.501	22.1	**0.934**	0.416	38
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	27710	2310.0	1	0	22.9	21.8	0.376	0.484	0.172	0.222	22.1	0.403	0.184	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	27710	2310.0	25	12	22.9	21.9	0.366	0.461	0.168	0.211	22.1	0.383	0.176	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	27710	2310.0	1	0	22.9	21.8	0.053	0.068	0.027	0.035	22.1	0.057	0.029	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	27710	2310.0	25	12	22.9	21.9	0.058	0.073	0.030	0.038	22.1	0.061	0.031	

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										Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power (dBm)	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 2	Head	QPSK	Mode A	0	Left Cheek	27710	2310.0	1	0	20.4	18.7	0.340	0.503	0.141	0.209	19.6	0.418	0.173	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	27710	2310.0	25	0	20.4	18.7	0.334	0.494	0.136	0.201	19.6	0.411	0.167	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	27710	2310.0	1	0	20.4	18.7	0.312	0.461	0.123	0.182	19.6	0.384	0.151	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	27710	2310.0	25	0	20.4	18.7	0.333	0.493	0.131	0.194	19.6	0.410	0.161	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	27710	2310.0	1	0	20.4	18.7	0.544	0.805	0.225	0.333	19.6	0.669	0.277	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	27710	2310.0	25	0	20.4	18.7	0.547	0.809	0.225	0.333	19.6	0.673	0.277	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	27710	2310.0	50	0	20.4	18.8	0.550	0.795	0.227	0.328	19.6	0.661	0.273	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	27710	2310.0	1	0	20.4	18.7	0.462	0.683	0.173	0.256	19.6	0.568	0.213	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	27710	2310.0	25	0	20.4	18.7	0.457	0.676	0.173	0.256	19.6	0.562	0.213	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	27710	2310.0	1	0	19.2	17.5	0.447	0.661	0.202	0.299	18.4	0.550	0.249	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	27710	2310.0	25	0	19.2	17.5	0.468	0.692	0.208	0.308	18.4	0.576	0.256	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	27710	2310.0	1	0	19.2	17.5	0.196	0.290	0.084	0.124	18.4	0.241	0.103	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	27710	2310.0	25	0	19.2	17.5	0.177	0.262	0.075	0.111	18.4	0.218	0.092	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	27710	2310.0	1	0	19.2	17.5	0.101	0.149	0.041	0.061	18.4	0.124	0.050	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	27710	2310.0	25	0	19.2	17.5	0.104	0.154	0.041	0.061	18.4	0.128	0.050	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	27710	2310.0	1	0	19.2	17.5	0.013	0.019	0.006	0.009	18.4	0.016	0.007	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	27710	2310.0	25	0	19.2	17.5	0.009	0.013	0.004	0.006	18.4	0.011	0.005	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	27710	2310.0	1	0	19.2	17.5	0.257	0.380	0.124	0.183	18.4	0.316	0.153	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	27710	2310.0	25	0	19.2	17.5	0.188	0.278	0.093	0.138	18.4	0.231	0.114	

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										Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power (dBm)	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 3	Head	QPSK	Mode A	0	Left Cheek	27710	2310.0	1	0	24.0	23.2	0.356	0.428	0.211	0.254	23.2	0.356	0.211	
ANT 3	Head	QPSK	Mode A	0	Left Cheek	27710	2310.0	25	0	24.0	23.2	0.328	0.394	0.192	0.231	23.2	0.328	0.192	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	27710	2310.0	1	0	24.0	23.2	0.165	0.198	0.085	0.102	23.2	0.165	0.085	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	27710	2310.0	25	0	24.0	23.2	0.161	0.194	0.083	0.100	23.2	0.161	0.083	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	27710	2310.0	1	0	24.0	23.2	0.251	0.302	0.147	0.177	23.2	0.251	0.147	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	27710	2310.0	25	0	24.0	23.2	0.246	0.296	0.142	0.171	23.2	0.246	0.142	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	27710	2310.0	1	0	24.0	23.2	0.231	0.278	0.121	0.145	23.2	0.231	0.121	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	27710	2310.0	25	0	24.0	23.2	0.264	0.317	0.135	0.162	23.2	0.264	0.135	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	27710	2310.0	1	0	22.3	21.5	0.982	1.181	0.484	0.582	21.5	0.982	0.484	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	27710	2310.0	25	25	22.3	21.5	0.965	1.160	0.475	0.571	21.5	0.965	0.475	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	27710	2310.0	50	0	22.3	21.5	0.974	1.171	0.481	0.578	21.5	0.974	0.481	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	27710	2310.0	1	0	22.3	21.5	0.844	1.015	0.442	0.531	21.5	0.844	0.442	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	27710	2310.0	25	25	22.3	21.5	0.828	0.995	0.434	0.522	21.5	0.828	0.434	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	27710	2310.0	50	0	22.3	21.5	0.828	0.995	0.435	0.523	21.5	0.828	0.435	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	27710	2310.0	1	0	22.3	21.5	0.345	0.415	0.180	0.216	21.5	0.345	0.180	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	27710	2310.0	25	25	22.3	21.5	0.350	0.421	0.183	0.220	21.5	0.350	0.183	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	27710	2310.0	1	0	22.3	21.5	0.834	1.003	0.414	0.498	21.5	0.834	0.414	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	27710	2310.0	25	25	22.3	21.5	0.816	0.981	0.403	0.485	21.5	0.816	0.403	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	27710	2310.0	50	0	22.3	21.5	0.821	0.987	0.409	0.492	21.5	0.821	0.409	

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										Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power (dBm)	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 4	Head	QPSK	Mode A	0	Left Cheek	27710	2310.0	1	0	20.4	19.9	1.020	1.144	0.539	0.605	19.6	0.952	0.503	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	27710	2310.0	25	0	20.4	19.9	1.050	**1.178**	0.554	0.622	19.6	**0.980**	0.517	39
ANT 4	Head	QPSK	Mode A	0	Left Cheek	27710	2310.0	50	0	20.4	19.9	0.993	1.114	0.517	0.580	19.6	0.927	0.482	
ANT 4	Head	QPSK	Mode A	0	Left Tilt	27710	2310.0	1	0	20.4	19.9	0.527	0.591	0.267	0.300	19.6	0.492	0.249	
ANT 4	Head	QPSK	Mode A	0	Left Tilt	27710	2310.0	25	0	20.4	19.9	0.554	0.622	0.265	0.297	19.6	0.517	0.247	
ANT 4	Head	QPSK	Mode A	0	Right Cheek	27710	2310.0	1	0	20.4	19.9	0.351	0.394	0.193	0.217	19.6	0.328	0.180	
ANT 4	Head	QPSK	Mode A	0	Right Cheek	27710	2310.0	25	0	20.4	19.9	0.352	0.395	0.194	0.218	19.6	0.329	0.181	
ANT 4	Head	QPSK	Mode A	0	Right Tilt	27710	2310.0	1	0	20.4	19.9	0.190	0.213	0.106	0.119	19.6	0.177	0.099	
ANT 4	Head	QPSK	Mode A	0	Right Tilt	27710	2310.0	25	0	20.4	19.9	0.194	0.218	0.109	0.122	19.6	0.181	0.102	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	27710	2310.0	1	0	19.9	18.5	0.346	0.478	0.169	0.233	19.1	0.397	0.194	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	27710	2310.0	25	0	19.9	18.6	0.348	0.469	0.170	0.229	19.1	0.390	0.191	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Front	27710	2310.0	1	0	19.9	18.5	0.294	0.406	0.154	0.213	19.1	0.338	0.177	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Front	27710	2310.0	25	0	19.9	18.6	0.299	0.403	0.157	0.212	19.1	0.335	0.176	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Top	27710	2310.0	1	0	19.9	18.5	0.107	0.148	0.046	0.063	19.1	0.123	0.053	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Top	27710	2310.0	25	0	19.9	18.6	0.111	0.150	0.047	0.063	19.1	0.125	0.053	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	27710	2310.0	1	0	19.9	18.5	0.653	0.901	0.313	0.432	19.1	0.750	0.359	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	27710	2310.0	25	0	19.9	18.6	0.665	0.897	0.320	0.432	19.1	0.746	0.359	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	27710	2310.0	50	0	19.9	18.6	0.724	0.977	0.342	0.461	19.1	0.812	0.384	

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10.14. LTE Band 41 PC3 (20MHz Bandwidth)

										Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power (dBm)	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	QPSK	Mode A	0	Left Cheek	40620	2593.0	1	49	25.7	24.8	0.098	0.121	0.049	0.060	25.7	0.121	0.060	
ANT 1	Head	QPSK	Mode A	0	Left Cheek	40620	2593.0	50	24	24.7	24.4	0.091	0.098	0.045	0.048	24.7	0.098	0.048	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	40620	2593.0	1	49	25.7	24.8	0.144	0.177	0.077	0.095	25.7	0.177	0.095	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	40620	2593.0	50	24	24.7	24.4	0.094	0.101	0.049	0.053	24.7	0.101	0.053	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	40620	2593.0	1	49	25.7	24.8	0.248	0.305	0.135	0.166	25.7	0.305	0.166	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	40620	2593.0	50	24	24.7	24.4	0.223	0.239	0.121	0.130	24.7	0.239	0.130	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	40620	2593.0	1	49	25.7	24.8	0.117	0.144	0.063	0.078	25.7	0.144	0.078	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	40620	2593.0	50	24	24.7	24.4	0.099	0.106	0.053	0.057	24.7	0.106	0.057	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	40620	2593.0	1	49	23.9	22.6	0.496	0.669	0.233	0.314	23.1	0.557	0.261	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	40620	2593.0	50	0	23.9	22.6	0.506	0.683	0.237	0.320	23.1	0.568	0.266	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	40620	2593.0	1	49	23.9	22.6	0.427	0.576	0.188	0.254	23.1	0.479	0.211	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	40620	2593.0	50	0	23.9	22.6	0.436	0.588	0.191	0.258	23.1	0.489	0.214	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	40620	2593.0	1	49	23.9	22.6	0.345	0.465	0.154	0.208	23.1	0.387	0.173	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	40620	2593.0	50	0	23.9	22.6	0.363	0.490	0.160	0.216	23.1	0.407	0.180	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	40620	2593.0	1	49	23.9	22.6	0.460	0.621	0.192	0.259	23.1	0.516	0.215	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	40620	2593.0	50	0	23.9	22.6	0.469	0.633	0.169	0.228	23.1	0.526	0.190	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	40620	2593.0	1	49	23.9	22.6	0.007	0.009	0.003	0.004	23.1	0.008	0.003	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	40620	2593.0	50	0	23.9	22.6	0.007	0.009	0.003	0.004	23.1	0.008	0.003	

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										Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power	Meas. Output Power	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 2	Head	QPSK	Mode A	0	Left Cheek	39750	2506.0	1	49	20.3	19.2	0.768	0.994	0.273	0.353	19.5	0.827	0.294	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	39750	2506.0	50	50	20.3	19.4	0.813	1.009	0.292	0.363	19.5	0.840	0.302	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	40185	2549.5	1	49	20.3	19.1	0.651	0.858	0.229	0.302	19.5	0.714	0.251	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	40185	2549.5	50	50	20.3	19.3	0.687	0.865	0.246	0.310	19.5	0.719	0.258	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	40185	2549.5	100	0	20.3	19.4	0.672	0.827	0.235	0.289	19.5	0.688	0.240	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	40620	2593.0	1	49	20.3	19.0	0.873	**1.178**	0.305	0.411	19.5	**0.980**	0.342	40
ANT 2	Head	QPSK	Mode A	0	Left Cheek	40620	2593.0	50	0	20.3	19.2	0.730	0.940	0.257	0.331	19.5	0.782	0.275	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	41055	2636.5	1	49	20.3	19.0	0.816	1.101	0.279	0.376	19.5	0.916	0.313	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	41055	2636.5	50	24	20.3	19.2	0.892	1.149	0.313	0.403	19.5	0.956	0.335	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	41490	2680.0	1	49	20.3	18.8	0.739	1.044	0.251	0.355	19.5	0.868	0.295	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	41490	2680.0	50	50	20.3	19.3	0.819	1.031	0.285	0.359	19.5	0.858	0.298	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	39750	2506.0	1	49	20.3	19.2	0.657	0.850	0.230	0.298	19.5	0.707	0.248	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	40185	2549.5	1	49	20.3	19.1	0.559	0.737	0.197	0.260	19.5	0.613	0.216	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	40185	2549.5	50	50	20.3	19.3	0.557	0.701	0.196	0.247	19.5	0.583	0.205	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	40185	2549.5	100	0	20.3	19.4	0.577	0.710	0.202	0.249	19.5	0.590	0.207	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	40620	2593.0	1	49	20.3	19.0	0.699	0.943	0.237	0.320	19.5	0.784	0.266	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	40620	2593.0	50	0	20.3	19.2	0.719	0.926	0.242	0.312	19.5	0.770	0.259	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	41055	2636.5	1	49	20.3	19.0	0.697	0.940	0.239	0.322	19.5	0.782	0.268	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	41055	2636.5	50	24	20.3	19.2	0.719	0.926	0.246	0.317	19.5	0.770	0.264	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	41490	2680.0	1	49	20.3	18.8	0.657	0.928	0.223	0.315	19.5	0.772	0.262	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	41490	2680.0	50	50	20.3	19.3	0.648	0.816	0.219	0.276	19.5	0.679	0.229	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	39750	2506.0	1	49	20.3	19.2	0.708	0.916	0.291	0.377	19.5	0.762	0.313	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	39750	2506.0	50	50	20.3	19.4	0.713	0.885	0.294	0.365	19.5	0.736	0.304	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	40185	2549.5	1	49	20.3	19.1	0.667	0.879	0.268	0.353	19.5	0.731	0.294	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	40185	2549.5	50	50	20.3	19.3	0.687	0.865	0.246	0.310	19.5	0.719	0.258	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	40185	2549.5	100	0	20.3	19.4	0.628	0.773	0.258	0.317	19.5	0.643	0.264	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	40620	2593.0	1	49	20.3	19.0	0.803	1.083	0.331	0.447	19.5	0.901	0.371	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	40620	2593.0	50	0	20.3	19.2	0.815	1.050	0.333	0.429	19.5	0.873	0.357	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	40620	2593.0	100	0	20.3	19.2	0.721	0.929	0.288	0.371	19.5	0.773	0.309	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	41055	2636.5	1	49	20.3	19.0	0.755	1.018	0.306	0.413	19.5	0.847	0.343	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	41055	2636.5	50	24	20.3	19.2	0.774	0.997	0.313	0.403	19.5	0.829	0.335	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	41490	2680.0	1	49	20.3	18.8	0.773	1.092	0.313	0.442	19.5	0.908	0.368	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	41490	2680.0	50	50	20.3	19.3	0.791	0.996	0.321	0.404	19.5	0.828	0.336	

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										Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power	Meas. Output Power	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 2	Head	QPSK	Mode A	0	Right Tilt	39750	2506.0	1	49	20.3	19.2	0.544	0.704	0.221	0.286	19.5	0.586	0.238	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	39750	2506.0	50	50	20.3	19.4	0.541	0.672	0.221	0.274	19.5	0.559	0.228	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	40185	2549.5	1	49	20.3	19.1	0.440	0.580	0.185	0.244	19.5	0.482	0.203	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	40185	2549.5	50	50	20.3	19.3	0.448	0.564	0.185	0.233	19.5	0.469	0.194	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	40185	2549.5	100	0	20.3	19.4	0.474	0.583	0.193	0.237	19.5	0.485	0.197	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	40620	2593.0	1	49	20.3	19.0	0.637	0.859	0.251	0.339	19.5	0.715	0.282	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	40620	2593.0	50	0	20.3	19.2	0.654	0.843	0.258	0.332	19.5	0.701	0.276	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	41055	2636.5	1	49	20.3	19.0	0.608	0.820	0.241	0.325	19.5	0.682	0.270	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	41055	2636.5	50	24	20.3	19.2	0.573	0.738	0.230	0.296	19.5	0.614	0.246	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	41490	2680.0	1	49	20.3	18.8	0.556	0.785	0.219	0.309	19.5	0.653	0.257	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	41490	2680.0	50	50	20.3	19.3	0.553	0.696	0.215	0.271	19.5	0.579	0.225	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	40620	2593.0	1	0	21.2	19.6	0.515	**0.744**	0.201	0.291	20.4	**0.619**	0.242	41
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	40620	2593.0	50	0	21.2	19.8	0.526	0.726	0.204	0.282	20.4	0.604	0.234	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	40620	2593.0	1	0	21.2	19.6	0.410	0.593	0.166	0.240	20.4	0.493	0.200	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	40620	2593.0	50	0	21.2	19.8	0.424	0.585	0.171	0.236	20.4	0.487	0.196	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	40620	2593.0	1	0	21.2	19.6	0.317	0.458	0.109	0.158	20.4	0.381	0.131	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	40620	2593.0	50	0	21.2	19.8	0.332	0.458	0.115	0.159	20.4	0.381	0.132	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	40620	2593.0	1	0	21.2	19.6	0.003	0.004	0.002	0.003	20.4	0.004	0.002	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	40620	2593.0	50	0	21.2	19.8	0.019	0.026	0.008	0.011	20.4	0.022	0.009	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	40620	2593.0	1	0	21.2	19.6	0.114	0.165	0.052	0.075	20.4	0.137	0.063	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	40620	2593.0	50	0	21.2	19.8	0.115	0.159	0.051	0.070	20.4	0.132	0.059	

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										Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power	Meas. Output Power	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 3	Head	QPSK	Mode A	0	Left Cheek	40620	2593.0	1	49	25.7	24.5	0.305	0.402	0.166	0.219	25.7	0.402	0.219	
ANT 3	Head	QPSK	Mode A	0	Left Cheek	40620	2593.0	50	0	24.7	24.3	0.273	0.299	0.148	0.162	24.7	0.299	0.162	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	40620	2593.0	1	49	25.7	24.5	0.099	0.131	0.052	0.069	25.7	0.131	0.069	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	40620	2593.0	50	0	24.7	24.3	0.086	0.094	0.046	0.050	24.7	0.094	0.050	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	40620	2593.0	1	49	25.7	24.5	0.124	0.163	0.070	0.092	25.7	0.163	0.092	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	40620	2593.0	50	0	24.7	24.3	0.110	0.121	0.063	0.069	24.7	0.121	0.069	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	40620	2593.0	1	49	25.7	24.5	0.119	0.157	0.065	0.086	25.7	0.157	0.086	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	40620	2593.0	50	0	24.7	24.3	0.105	0.115	0.056	0.061	24.7	0.115	0.061	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	40620	2593.0	1	49	23.4	22.5	0.544	0.669	0.273	0.336	22.6	0.557	0.279	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	40620	2593.0	50	0	23.4	22.4	0.531	0.668	0.269	0.339	22.6	0.556	0.282	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	40620	2593.0	1	49	23.4	22.5	0.363	0.447	0.195	0.240	22.6	0.371	0.200	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	40620	2593.0	50	0	23.4	22.4	0.365	0.460	0.188	0.237	22.6	0.382	0.197	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	40620	2593.0	1	49	23.4	22.5	0.075	0.092	0.037	0.046	22.6	0.077	0.038	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	40620	2593.0	50	0	23.4	22.4	0.080	0.101	0.041	0.052	22.6	0.084	0.043	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	39750	2506.0	1	49	23.4	22.3	0.722	0.930	0.337	0.434	22.6	0.774	0.361	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	39750	2506.0	50	0	23.4	22.4	0.777	0.978	0.362	0.456	22.6	0.814	0.379	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	40185	2549.5	1	49	23.4	22.4	0.687	0.865	0.315	0.397	22.6	0.719	0.330	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	40185	2549.5	50	0	23.4	22.4	0.746	0.939	0.343	0.432	22.6	0.781	0.359	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	40620	2593.0	1	49	23.4	22.5	0.771	0.949	0.351	0.432	22.6	0.789	0.359	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	40620	2593.0	50	0	23.4	22.4	0.777	0.978	0.354	0.446	22.6	0.814	0.371	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	41055	2636.5	1	49	23.4	22.3	0.909	1.171	0.412	0.531	22.6	0.974	0.441	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	41055	2636.5	50	50	23.4	22.3	0.917	**1.181**	0.415	0.535	22.6	**0.983**	0.445	42
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	41490	2680.0	1	49	23.4	22.7	0.916	1.076	0.415	0.488	22.6	0.895	0.406	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	41490	2680.0	50	24	23.4	22.6	0.918	1.104	0.414	0.498	22.6	0.918	0.414	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	41490	2680.0	100	0	23.4	22.7	0.924	1.086	0.420	0.493	22.6	0.903	0.410	

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										Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power	Meas. Output Power	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 4	Head	QPSK	Mode A	0	Left Cheek	39750	2506.0	1	0	24.4	22.7	0.613	0.907	0.316	0.467	23.6	0.827	0.426	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	39750	2506.0	50	0	24.4	22.6	0.660	0.999	0.337	0.510	23.6	0.831	0.424	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	40185	2549.5	1	0	24.4	22.7	0.495	0.732	0.237	0.351	23.6	0.668	0.320	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	40185	2549.5	50	24	24.4	22.8	0.464	0.671	0.219	0.317	23.6	0.612	0.289	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	40620	2593.0	1	49	24.4	22.8	0.661	0.955	0.292	0.422	23.6	0.871	0.385	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	40620	2593.0	50	0	24.4	22.5	0.672	1.041	0.297	0.460	23.6	0.866	0.383	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	40620	2593.0	100	0	24.4	22.6	0.508	0.769	0.236	0.357	23.6	0.640	0.297	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	41055	2636.5	1	49	24.4	22.7	0.510	0.754	0.225	0.333	23.6	0.688	0.304	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	41055	2636.5	50	0	24.4	22.7	0.514	0.760	0.228	0.337	23.6	0.678	0.301	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	41490	2680.0	1	99	24.4	22.8	0.354	0.512	0.166	0.240	23.6	0.467	0.219	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	41490	2680.0	50	24	24.4	22.5	0.373	0.578	0.180	0.279	23.6	0.481	0.232	
ANT 4	Head	QPSK	Mode A	0	Left Tilt	40620	2593.0	1	49	24.4	22.4	0.266	0.422	0.130	0.206	23.6	0.351	0.171	
ANT 4	Head	QPSK	Mode A	0	Left Tilt	40620	2593.0	50	0	24.4	22.5	0.276	0.427	0.135	0.209	23.6	0.356	0.174	
ANT 4	Head	QPSK	Mode A	0	Right Cheek	40620	2593.0	1	49	24.4	22.8	0.222	0.321	0.118	0.171	23.6	0.293	0.156	
ANT 4	Head	QPSK	Mode A	0	Right Cheek	40620	2593.0	50	0	24.4	22.5	0.224	0.347	0.120	0.186	23.6	0.289	0.155	
ANT 4	Head	QPSK	Mode A	0	Right Tilt	40620	2593.0	1	49	24.4	22.8	0.088	0.127	0.047	0.068	23.6	0.116	0.062	
ANT 4	Head	QPSK	Mode A	0	Right Tilt	40620	2593.0	50	0	24.4	22.5	0.090	0.139	0.050	0.077	23.6	0.116	0.064	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	40620	2593.0	1	49	24.7	23.4	0.484	0.653	0.214	0.289	23.9	0.543	0.240	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	40620	2593.0	50	0	24.7	23.3	0.496	0.685	0.220	0.304	23.9	0.569	0.253	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Front	40620	2593.0	1	49	24.7	23.4	0.342	0.461	0.163	0.220	23.9	0.384	0.183	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Front	40620	2593.0	50	0	24.7	23.3	0.349	0.482	0.167	0.231	23.9	0.401	0.192	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Top	40620	2593.0	1	49	24.7	23.4	0.091	0.123	0.040	0.054	23.9	0.102	0.045	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Top	40620	2593.0	50	0	24.7	23.3	0.092	0.127	0.040	0.055	23.9	0.106	0.046	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	39750	2506.0	1	49	24.7	23.5	0.661	0.871	0.316	0.417	23.9	0.725	0.346	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	39750	2506.0	50	0	24.7	23.5	0.654	0.862	0.313	0.413	23.9	0.717	0.343	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	40185	2549.5	1	49	24.7	23.2	0.723	1.021	0.331	0.468	23.9	0.849	0.389	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	40185	2549.5	50	24	24.7	23.3	0.737	1.017	0.337	0.465	23.9	0.846	0.387	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	40620	2593.0	1	49	24.7	23.4	0.716	0.966	0.330	0.445	23.9	0.803	0.370	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	40620	2593.0	50	0	24.7	23.3	0.702	0.969	0.324	0.447	23.9	0.806	0.372	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	40620	2593.0	100	0	24.7	23.5	0.748	0.986	0.342	0.451	23.9	0.820	0.375	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	41055	2636.5	1	49	24.7	23.2	0.643	0.908	0.292	0.412	23.9	0.755	0.343	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	41055	2636.5	50	0	24.7	23.2	0.661	0.934	0.303	0.428	23.9	0.777	0.356	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	41490	2680.0	1	49	24.7	23.4	0.438	0.591	0.196	0.264	23.9	0.491	0.220	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	41490	2680.0	50	50	24.7	23.5	0.442	0.583	0.196	0.258	23.9	0.485	0.215	

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UL CA 41C PC3

Ant	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position(s)	PCC UL				SCC UL				Power (dBm)		Standalone				Power (dBm)	Simultaneous		Plot No.
						Ch #.	Freq. (MHz)	RB Allocation	RB Offset	Ch #.	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power	Meas.	Meas. 1-g SAR (W/kg)	Scaled 1-g SAR (W/kg)	Meas. 10-g SAR (W/kg)	Scaled 10-g SAR (W/kg)	Maximum Output Power	Scaled 1-g SAR (W/kg)	Scaled 10-g SAR (W/kg)	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	40521	2583.1	1	99	40719	2602.9	1	0	25.7	24.3	0.153	0.211	0.082	0.113	25.7	0.211	0.113	-
	Body & Hotspot	QPSK	Mode B	5	Back	40521	2583.1	1	99	40719	2602.9	1	0	23.9	22.5	0.482	0.665	0.223	0.308	23.1	0.553	0.256	-
Ant	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position(s)	PCC UL				SCC UL				Power (dBm)		Standalone				Power (dBm)	Simultaneous		Plot No.
						Ch #.	Freq. (MHz)	RB Allocation	RB Offset	Ch #.	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power	Meas.	Meas. 1-g SAR (W/kg)	Scaled 1-g SAR (W/kg)	Meas. 10-g SAR (W/kg)	Scaled 10-g SAR (W/kg)	Maximum Output Power	Scaled 1-g SAR (W/kg)	Scaled 10-g SAR (W/kg)	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	40521	2583.1	1	99	40719	2602.9	1	0	20.3	18.8	0.819	1.157	0.301	0.425	19.5	0.962	0.354	-
	Body & Hotspot	QPSK	Mode B	5	Back	39750	2506	1	99	39948	2525.8	1	0	21.2	19.5	0.350	0.518	0.140	0.207	20.4	0.431	0.172	-
Ant	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position(s)	PCC UL				SCC UL				Power (dBm)		Standalone				Power (dBm)	Simultaneous		Plot No.
						Ch #.	Freq. (MHz)	RB Allocation	RB Offset	Ch #.	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power	Meas.	Meas. 1-g SAR (W/kg)	Scaled 1-g SAR (W/kg)	Meas. 10-g SAR (W/kg)	Scaled 10-g SAR (W/kg)	Maximum Output Power	Scaled 1-g SAR (W/kg)	Scaled 10-g SAR (W/kg)	
ANT 3	Head	QPSK	Mode A	0	Left Cheek	40521	2583.1	1	99	40719	2602.9	1	0	25.7	24.0	0.252	0.373	0.139	0.206	25.7	0.373	0.206	-
	Body & Hotspot	QPSK	Mode B	5	Back	40521	2583.1	1	99	40719	2602.9	1	0	23.4	21.9	0.368	0.520	0.188	0.266	22.6	0.432	0.221	-
	Hotspot	QPSK	Mode B	5	Edge Left	41292	2660.2	1	99	41490	2680	1	0	23.4	21.9	0.674	0.952	0.301	0.425	22.6	0.792	0.354	-
Ant	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position(s)	PCC UL				SCC UL				Power (dBm)		Standalone				Power (dBm)	Simultaneous		Plot No.
						Ch #.	Freq. (MHz)	RB Allocation	RB Offset	Ch #.	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power	Meas.	Meas. 1-g SAR (W/kg)	Scaled 1-g SAR (W/kg)	Meas. 10-g SAR (W/kg)	Scaled 10-g SAR (W/kg)	Maximum Output Power	Scaled 1-g SAR (W/kg)	Scaled 10-g SAR (W/kg)	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	40521	2583.1	1	99	40719	2602.9	1	0	24.4	22.9	0.580	0.819	0.286	0.404	23.6	0.681	0.336	-
	Body & Hotspot	QPSK	Mode B	5	Back	40521	2583.1	1	99	40719	2602.9	1	0	24.7	23.6	0.464	0.598	0.212	0.273	23.9	0.497	0.227	-
	Hotspot	QPSK	Mode B	5	Edge Right	40521	2583.1	1	99	40719	2602.9	1	0	24.7	23.6	0.788	1.015	0.360	0.464	23.9	0.844	0.386	-

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

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Reported SAR vs. Output Power linearly scaled

Antenna	Exposure	PC2			PC3				PC2 Scale	Lin. Scaled	Testing Required?
		Duty Cycle	Max Power	Frame Avg.	Duty Cycle	Max Power	Frame Avg.	SAR			
ANT 1	Head	43.3%	28.7	320.99	63.3%	25.7	235.18	0.305	0.416	36.3%	Yes
ANT 1	Body & Hotspot	43.3%	23.9	106.29	63.3%	23.9	155.38	0.683	0.467	-31.6%	No
ANT 1	Hotspot	43.3%	23.9	106.29	63.3%	23.9	155.38	0.469	0.321	-31.6%	No
Antenna	Exposure	PC2			PC3				PC2 Scale	Lin. Scaled	Testing Required?
		Duty Cycle	Max Power	Frame Avg.	Duty Cycle	Max Power	Frame Avg.	SAR			
ANT 2	Head	43.3%	20.3	46.4	63.3%	20.3	67.83	1.178	0.806	-31.6%	No
ANT 2	Body & Hotspot	43.3%	21.2	57.08	63.3%	21.2	83.45	0.744	0.509	-31.6%	No
ANT 2	Hotspot	43.3%	21.2	57.08	63.3%	21.2	83.45	0.458	0.313	-31.7%	No
Antenna	Exposure	PC2			PC3				PC2 Scale	Lin. Scaled	Testing Required?
		Duty Cycle	Max Power	Frame Avg.	Duty Cycle	Max Power	Frame Avg.	SAR			
ANT 3	Head	43.3%	27.3	232.53	63.3%	25.7	235.18	0.402	0.398	-1.0%	No
ANT 3	Body & Hotspot	43.3%	23.4	94.73	63.3%	23.4	138.49	0.669	0.458	-31.6%	No
ANT 3	Hotspot	43.3%	23.4	94.73	63.3%	23.4	138.49	1.181	0.808	-31.6%	No
Antenna	Exposure	PC2			PC3				PC2 Scale	Lin. Scaled	Testing Required?
		Duty Cycle	Max Power	Frame Avg.	Duty Cycle	Max Power	Frame Avg.	SAR			
ANT 4	Head	43.3%	24.4	119.26	63.3%	24.4	174.34	1.048	0.717	-31.6%	No
ANT 4	Body & Hotspot	43.3%	24.7	127.79	63.3%	24.7	186.81	0.685	0.468	-31.6%	No
ANT 4	Hotspot	43.3%	24.7	127.79	63.3%	24.7	186.81	1.132	0.774	-31.6%	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%.

SAR Test Results

										Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power (dBm)	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	QPSK	Mode A	0	Right Cheek	40620	2593.0	1	49	28.7	28.1	0.292	0.335	0.158	0.181	28.7	0.335	0.181	-
ANT 1	Head	QPSK	Mode A	0	Right Cheek	40620	2593.0	50	0	27.7	27.5	0.249	0.261	0.136	0.142	27.7	0.261	0.142	-

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10.16. LTE Band 48 (20MHz Bandwidth)

										Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power (dBm)	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 7	Head	QPSK	Mode A	0	Left Cheek	56207	3646.7	1	49	25.6	24.0	0.058	0.084	0.026	0.038	25.6	0.084	0.038	
ANT 7	Head	QPSK	Mode A	0	Left Cheek	56207	3646.7	50	0	24.7	24.1	0.048	0.055	0.022	0.025	24.7	0.055	0.025	
ANT 7	Head	QPSK	Mode A	0	Left Tilt	56207	3646.7	1	49	25.6	24.0	0.055	0.079	0.022	0.032	25.6	0.079	0.032	
ANT 7	Head	QPSK	Mode A	0	Left Tilt	56207	3646.7	50	0	24.7	24.1	0.051	0.059	0.020	0.023	24.7	0.059	0.023	
ANT 7	Head	QPSK	Mode A	0	Right Cheek	56207	3646.7	1	49	25.6	24.0	0.116	0.168	0.051	0.074	25.6	0.168	0.074	
ANT 7	Head	QPSK	Mode A	0	Right Cheek	56207	3646.7	50	0	24.7	24.1	0.109	0.125	0.049	0.056	24.7	0.125	0.056	
ANT 7	Head	QPSK	Mode A	0	Right Tilt	56207	3646.7	1	49	25.6	24.0	0.050	0.072	0.020	0.029	25.6	0.072	0.029	
ANT 7	Head	QPSK	Mode A	0	Right Tilt	56207	3646.7	50	0	24.7	24.1	0.043	0.049	0.017	0.020	24.7	0.049	0.020	
ANT 7	Body & Hotspot	QPSK	Mode B	5	Back	55340	3560.0	1	49	24.0	22.6	0.617	0.852	0.234	0.323	23.2	0.708	0.269	
ANT 7	Body & Hotspot	QPSK	Mode B	5	Back	55340	3560.0	50	0	24.0	22.6	0.674	0.930	0.254	0.351	23.2	0.774	0.292	
ANT 7	Body & Hotspot	QPSK	Mode B	5	Back	55340	3560.0	100	0	24.0	22.6	0.707	0.976	0.266	0.367	23.2	0.812	0.305	
ANT 7	Body & Hotspot	QPSK	Mode B	5	Back	55773	3603.3	1	49	24.0	22.3	0.624	0.923	0.231	0.342	23.2	0.768	0.284	
ANT 7	Body & Hotspot	QPSK	Mode B	5	Back	55773	3603.3	50	0	24.0	22.3	0.654	0.967	0.242	0.358	23.2	0.805	0.298	
ANT 7	Body & Hotspot	QPSK	Mode B	5	Back	56207	3646.7	1	49	24.0	22.6	0.634	0.875	0.227	0.313	23.2	0.728	0.261	
ANT 7	Body & Hotspot	QPSK	Mode B	5	Back	56207	3646.7	50	0	24.0	22.6	0.666	0.919	0.240	0.331	23.2	0.765	0.276	
ANT 7	Body & Hotspot	QPSK	Mode B	5	Back	56640	3690.0	1	49	24.0	22.4	0.595	0.860	0.205	0.296	23.2	0.715	0.246	
ANT 7	Body & Hotspot	QPSK	Mode B	5	Back	56640	3690.0	50	24	24.0	22.4	0.642	0.928	0.219	0.317	23.2	0.772	0.263	
ANT 7	Body & Hotspot	QPSK	Mode B	5	Front	56207	3646.7	1	49	24.0	22.6	0.316	0.436	0.121	0.167	23.2	0.363	0.139	
ANT 7	Body & Hotspot	QPSK	Mode B	5	Front	56207	3646.7	50	0	24.0	22.6	0.317	0.438	0.122	0.168	23.2	0.364	0.140	
ANT 7	Hotspot	QPSK	Mode B	5	Edge Right	55340	3560.0	1	0	23.5	22.6	0.829	1.020	0.301	0.370	22.7	0.848	0.308	
ANT 7	Hotspot	QPSK	Mode B	5	Edge Right	55340	3560.0	50	0	23.5	22.6	0.901	1.108	0.325	0.400	22.7	0.922	0.333	
ANT 7	Hotspot	QPSK	Mode B	5	Edge Right	55340	3560.0	100	0	23.5	22.6	0.903	1.111	0.322	0.396	22.7	0.924	0.330	
ANT 7	Hotspot	QPSK	Mode B	5	Edge Right	55773	3603.3	1	49	24.0	22.3	0.611	0.904	0.213	0.315	23.2	0.752	0.262	
ANT 7	Hotspot	QPSK	Mode B	5	Edge Right	55773	3603.3	50	0	24.0	22.3	0.604	0.893	0.212	0.314	23.2	0.743	0.261	
ANT 7	Hotspot	QPSK	Mode B	5	Edge Right	56207	3646.7	1	49	24.0	22.6	0.673	0.929	0.246	0.340	23.2	0.773	0.282	
ANT 7	Hotspot	QPSK	Mode B	5	Edge Right	56207	3646.7	50	0	24.0	22.6	0.718	0.991	0.260	0.359	23.2	0.824	0.299	
ANT 7	Hotspot	QPSK	Mode B	5	Edge Right	56640	3690.0	1	49	24.0	22.4	0.490	0.708	0.171	0.247	23.2	0.589	0.206	
ANT 7	Hotspot	QPSK	Mode B	5	Edge Right	56640	3690.0	50	24	24.0	22.4	0.483	0.698	0.169	0.244	23.2	0.581	0.203	
ANT 7	Hotspot	QPSK	Mode B	5	Edge Bottom	56207	3646.7	1	49	24.0	22.6	0.221	0.305	0.071	0.098	23.2	0.254	0.082	
ANT 7	Hotspot	QPSK	Mode B	5	Edge Bottom	56207	3646.7	50	0	24.0	22.6	0.233	0.322	0.075	0.104	23.2	0.268	0.086	

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										Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power	Meas. Output Power	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 8	Head	QPSK	Mode A	0	Left Cheek	56207	3646.7	1	49	25.7	23.9	0.273	0.413	0.103	0.156	25.7	0.413	0.156	
ANT 8	Head	QPSK	Mode A	0	Left Cheek	56207	3646.7	50	0	24.7	23.8	0.247	0.304	0.091	0.112	24.7	0.326	0.120	
ANT 8	Head	QPSK	Mode A	0	Left Tilt	56207	3646.7	1	49	25.7	23.9	0.339	0.513	0.124	0.188	25.7	0.513	0.188	
ANT 8	Head	QPSK	Mode A	0	Left Tilt	56207	3646.7	50	0	24.7	23.8	0.315	0.388	0.114	0.140	24.7	0.415	0.150	
ANT 8	Head	QPSK	Mode A	0	Right Cheek	56207	3646.7	1	49	25.7	23.9	0.443	0.671	0.179	0.271	25.7	0.671	0.271	
ANT 8	Head	QPSK	Mode A	0	Right Cheek	56207	3646.7	50	0	24.7	23.8	0.412	0.507	0.169	0.208	24.7	0.543	0.223	
ANT 8	Head	QPSK	Mode A	0	Right Tilt	55340	3560.0	1	49	25.7	23.8	0.522	0.808	0.189	0.293	25.7	0.827	0.300	
ANT 8	Head	QPSK	Mode A	0	Right Tilt	55340	3560.0	50	24	24.7	23.8	0.520	0.640	0.176	0.217	24.7	0.701	0.237	
ANT 8	Head	QPSK	Mode A	0	Right Tilt	55773	3603.3	1	49	25.7	23.8	0.537	0.832	0.200	0.310	25.7	0.832	0.310	
ANT 8	Head	QPSK	Mode A	0	Right Tilt	55773	3603.3	50	0	24.7	23.7	0.390	0.491	0.154	0.194	24.7	0.526	0.208	
ANT 8	Head	QPSK	Mode A	0	Right Tilt	56207	3646.7	1	49	25.7	23.9	0.591	0.895	0.222	0.336	25.7	0.895	0.336	
ANT 8	Head	QPSK	Mode A	0	Right Tilt	56207	3646.7	50	0	24.7	23.8	0.519	0.639	0.200	0.246	24.7	0.684	0.264	
ANT 8	Head	QPSK	Mode A	0	Right Tilt	56640	3690.0	1	49	25.7	23.9	0.419	0.634	0.157	0.238	25.7	0.634	0.238	
ANT 8	Head	QPSK	Mode A	0	Right Tilt	56640	3690.0	50	0	24.7	23.9	0.332	0.399	0.130	0.156	24.7	0.428	0.167	
ANT 8	Head	QPSK	Mode A	0	Right Tilt	56640	3690.0	100	0	24.7	23.7	0.324	0.408	0.129	0.162	24.7	0.408	0.162	
ANT 8	Body & Hotspot	QPSK	Mode B	5	Back	55340	3560.0	1	49	22.3	20.5	0.613	0.928	0.241	0.365	21.5	0.827	0.325	
ANT 8	Body & Hotspot	QPSK	Mode B	5	Back	55340	3560.0	50	0	22.3	20.9	0.607	0.838	0.224	0.309	21.5	0.697	0.257	
ANT 8	Body & Hotspot	QPSK	Mode B	5	Back	55773	3603.3	1	49	22.3	20.4	0.547	0.847	0.213	0.330	21.5	0.755	0.294	
ANT 8	Body & Hotspot	QPSK	Mode B	5	Back	55773	3603.3	50	0	22.3	20.8	0.559	0.790	0.221	0.312	21.5	0.657	0.260	
ANT 8	Body & Hotspot	QPSK	Mode B	5	Back	56207	3646.7	1	49	22.3	20.6	0.694	1.027	0.273	0.404	21.5	0.915	0.360	
ANT 8	Body & Hotspot	QPSK	Mode B	5	Back	56207	3646.7	50	0	22.3	21.0	0.750	1.012	0.294	0.397	21.5	0.842	0.330	
ANT 8	Body & Hotspot	QPSK	Mode B	5	Back	56640	3690.0	1	49	22.3	20.7	0.678	0.980	0.264	0.382	21.5	0.873	0.340	
ANT 8	Body & Hotspot	QPSK	Mode B	5	Back	56640	3690.0	50	0	22.3	21.0	0.686	0.925	0.266	0.359	21.5	0.770	0.298	
ANT 8	Body & Hotspot	QPSK	Mode B	5	Back	56640	3690.0	100	0	22.3	21.0	0.882	**1.190**	0.357	0.482	21.5	0.990	0.401	43
ANT 8	Body & Hotspot	QPSK	Mode B	5	Front	56207	3646.7	1	49	22.3	20.3	0.093	0.147	0.031	0.049	21.5	0.123	0.041	
ANT 8	Body & Hotspot	QPSK	Mode B	5	Front	56207	3646.7	50	0	22.3	21.0	0.102	0.138	0.034	0.046	21.5	0.114	0.038	
ANT 8	Hotspot	QPSK	Mode B	5	Edge Top	56207	3646.7	1	49	22.3	20.3	0.143	0.227	0.053	0.084	21.5	0.189	0.070	
ANT 8	Hotspot	QPSK	Mode B	5	Edge Top	56207	3646.7	50	0	22.3	21.0	0.153	0.206	0.056	0.076	21.5	0.172	0.063	
ANT 8	Hotspot	QPSK	Mode B	5	Edge Left	56207	3646.7	1	49	22.3	20.3	0.102	0.162	0.031	0.049	21.5	0.134	0.041	
ANT 8	Hotspot	QPSK	Mode B	5	Edge Left	56207	3646.7	50	0	22.3	21.0	0.102	0.138	0.039	0.053	21.5	0.114	0.044	

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										Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power	Meas. Output Power	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 9	Head	QPSK	Mode A	0	Left Cheek	56207	3646.7	1	49	23.7	22.4	0.271	0.366	0.119	0.161	23.4	0.341	0.150	
ANT 9	Head	QPSK	Mode A	0	Left Cheek	56207	3646.7	50	0	23.7	22.7	0.272	0.342	0.119	0.150	23.4	0.320	0.140	
ANT 9	Head	QPSK	Mode A	0	Left Tilt	56207	3646.7	1	49	23.7	22.4	0.076	0.103	0.032	0.043	23.4	0.096	0.040	
ANT 9	Head	QPSK	Mode A	0	Left Tilt	56207	3646.7	50	0	23.7	22.7	0.075	0.094	0.032	0.040	23.4	0.088	0.038	
ANT 9	Head	QPSK	Mode A	0	Right Cheek	56207	3646.7	1	49	23.7	22.4	0.151	0.204	0.072	0.097	23.4	0.190	0.091	
ANT 9	Head	QPSK	Mode A	0	Right Cheek	56207	3646.7	50	0	23.7	22.7	0.135	0.170	0.064	0.081	23.4	0.159	0.075	
ANT 9	Head	QPSK	Mode A	0	Right Tilt	56207	3646.7	1	49	23.7	22.4	0.150	0.202	0.065	0.088	23.4	0.189	0.082	
ANT 9	Head	QPSK	Mode A	0	Right Tilt	56207	3646.7	50	0	23.7	22.7	0.131	0.165	0.056	0.070	23.4	0.154	0.066	
ANT 9	Body & Hotspot	QPSK	Mode B	5	Back	56207	3646.7	1	49	21.5	21.0	0.487	0.546	0.191	0.214	20.7	0.454	0.178	
ANT 9	Body & Hotspot	QPSK	Mode B	5	Back	56207	3646.7	50	0	21.5	21.4	0.511	0.523	0.202	0.207	20.7	0.435	0.172	
ANT 9	Body & Hotspot	QPSK	Mode B	5	Front	56207	3646.7	1	49	21.5	21.0	0.350	0.393	0.130	0.146	20.7	0.327	0.121	
ANT 9	Body & Hotspot	QPSK	Mode B	5	Front	56207	3646.7	50	0	21.5	21.4	0.372	0.381	0.136	0.139	20.7	0.317	0.116	
ANT 9	Hotspot	QPSK	Mode B	5	Edge Bottom	56207	3646.7	1	49	21.5	21.0	0.334	0.375	0.125	0.140	20.7	0.312	0.117	
ANT 9	Hotspot	QPSK	Mode B	5	Edge Bottom	56207	3646.7	50	0	21.5	21.4	0.352	0.360	0.133	0.136	20.7	0.300	0.113	
ANT 9	Hotspot	QPSK	Mode B	5	Edge Left	55340	3560.0	1	49	21.5	20.7	0.664	0.798	0.250	0.301	20.7	0.664	0.250	
ANT 9	Hotspot	QPSK	Mode B	5	Edge Left	55773	3603.3	1	49	21.5	20.7	0.692	0.832	0.262	0.315	20.7	0.692	0.262	
ANT 9	Hotspot	QPSK	Mode B	5	Edge Left	56207	3646.7	1	49	21.5	21.0	0.769	0.863	0.290	0.325	20.7	0.718	0.271	
ANT 9	Hotspot	QPSK	Mode B	5	Edge Left	56207	3646.7	50	0	21.5	21.4	0.765	0.783	0.287	0.294	20.7	0.651	0.244	
ANT 9	Hotspot	QPSK	Mode B	5	Edge Left	56640	3690.0	1	49	21.5	20.8	0.842	0.989	0.315	0.370	20.7	0.823	0.308	

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										Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power	Meas. Output Power	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 4	Head	QPSK	Mode A	0	Left Cheek	55340	3560.0	1	49	20.5	20.0	0.921	1.033	0.336	0.377	19.7	0.860	0.314	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	55340	3560.0	50	50	20.5	20.0	1.060	**1.189**	0.378	0.424	19.7	**0.989**	0.353	44
ANT 4	Head	QPSK	Mode A	0	Left Cheek	55340	3560.0	100	0	20.5	20.1	0.968	1.061	0.347	0.380	19.7	0.883	0.316	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	55773	3603.3	1	49	20.5	19.8	0.817	0.960	0.297	0.349	19.7	0.798	0.290	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	55773	3603.3	50	24	20.5	20.1	0.848	0.930	0.309	0.339	19.7	0.773	0.282	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	56207	3646.7	1	0	20.5	19.9	0.822	0.944	0.302	0.347	19.7	0.785	0.288	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	56207	3646.7	50	50	20.5	20.1	0.882	0.967	0.316	0.346	19.7	0.804	0.288	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	56640	3690.0	1	0	20.5	19.8	0.683	0.802	0.244	0.287	19.7	0.667	0.238	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	56640	3690.0	50	24	20.5	20.1	0.735	0.806	0.266	0.292	19.7	0.670	0.243	
ANT 4	Head	QPSK	Mode A	0	Left Tilt	56207	3646.7	1	0	20.5	19.9	0.312	0.358	0.119	0.137	19.7	0.298	0.114	
ANT 4	Head	QPSK	Mode A	0	Left Tilt	56207	3646.7	50	50	20.5	20.1	0.368	0.404	0.140	0.154	19.7	0.336	0.128	
ANT 4	Head	QPSK	Mode A	0	Right Cheek	56207	3646.7	1	0	20.5	19.9	0.167	0.192	0.078	0.090	19.7	0.159	0.074	
ANT 4	Head	QPSK	Mode A	0	Right Cheek	56207	3646.7	50	50	20.5	20.1	0.182	0.200	0.084	0.092	19.7	0.166	0.077	
ANT 4	Head	QPSK	Mode A	0	Right Tilt	56207	3646.7	1	0	20.5	19.9	0.129	0.148	0.051	0.059	19.7	0.123	0.049	
ANT 4	Head	QPSK	Mode A	0	Right Tilt	56207	3646.7	50	50	20.5	20.1	0.144	0.158	0.056	0.061	19.7	0.131	0.051	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	56207	3646.7	1	49	22.4	20.8	0.425	0.614	0.162	0.234	21.6	0.523	0.199	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	56207	3646.7	50	50	22.4	20.7	0.450	0.666	0.172	0.254	21.6	0.554	0.212	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Front	56207	3646.7	1	49	22.4	20.7	0.356	0.527	0.138	0.204	21.6	0.438	0.170	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Front	56207	3646.7	50	50	22.4	20.7	0.371	0.549	0.143	0.212	21.6	0.456	0.176	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Top	56207	3646.7	1	49	22.4	20.7	0.092	0.136	0.041	0.061	21.6	0.113	0.050	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Top	56207	3646.7	50	50	22.4	20.7	0.095	0.141	0.043	0.064	21.6	0.117	0.053	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	55340	3560.0	1	49	22.4	20.7	0.785	1.161	0.291	0.430	21.6	0.966	0.358	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	55340	3560.0	50	0	22.4	20.6	0.791	**1.197**	0.294	0.445	21.6	**0.996**	0.370	45
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	55773	3603.3	1	49	22.4	20.6	0.693	1.049	0.256	0.387	21.6	0.872	0.322	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	55773	3603.3	50	50	22.4	20.8	0.746	1.078	0.275	0.397	21.6	0.897	0.331	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	55773	3603.3	100	0	22.4	20.8	0.751	1.086	0.281	0.406	21.6	0.903	0.338	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	56207	3646.7	1	49	22.4	20.7	0.678	1.003	0.252	0.373	21.6	0.834	0.310	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	56207	3646.7	50	50	22.4	20.7	0.723	1.069	0.268	0.396	21.6	0.889	0.330	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	56640	3690.0	1	49	22.4	20.5	0.599	0.928	0.223	0.345	21.6	0.772	0.287	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	56640	3690.0	50	24	22.4	20.7	0.640	0.947	0.237	0.351	21.6	0.787	0.292	

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UL CA 48C

Ant	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position(s)	PCC UL				SCC UL				Power (dBm)		Standalone				Power (dBm)	Simultaneous		Plot No.
						Ch #.	Freq. (MHz)	RB Allocation	RB Offset	Ch #.	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power	Meas.	Meas. 1-g SAR (W/kg)	Scaled 1-g SAR (W/kg)	Meas. 10-g SAR (W/kg)	Scaled 10-g SAR (W/kg)	Maximum Output Power	Scaled 1-g SAR (W/kg)	Scaled 10-g SAR (W/kg)	
ANT 7	Head	QPSK	Mode A	0	Right Cheek	55891	3615.1	1	99	56089	3634.9	1	0	24.7	24.0	0.060	0.070	0.023	0.027	24.7	0.070	0.027	-
	Body & Hotspot	QPSK	Mode B	5	Back	55891	3615.1	1	99	56089	3634.9	1	0	24.0	22.5	0.512	0.723	0.185	0.261	23.2	0.602	0.217	-
	Hotspot	QPSK	Mode B	5	Edge Right	55340	3560	1	99	55538	3579.8	1	0	24.0	22.3	0.684	1.012	0.246	0.364	23.2	0.842	0.303	-
Ant	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position(s)	PCC UL				SCC UL				Power (dBm)		Standalone				Power (dBm)	Simultaneous		Plot No.
						Ch #.	Freq. (MHz)	RB Allocation	RB Offset	Ch #.	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power	Meas.	Meas. 1-g SAR (W/kg)	Scaled 1-g SAR (W/kg)	Meas. 10-g SAR (W/kg)	Scaled 10-g SAR (W/kg)	Maximum Output Power	Scaled 1-g SAR (W/kg)	Scaled 10-g SAR (W/kg)	
ANT 8	Head	QPSK	Mode A	0	Right Tilt	55891	3615.1	1	99	56089	3634.9	1	0	24.7	23.7	0.471	0.593	0.186	0.234	24.7	0.593	0.234	-
	Body & Hotspot	QPSK	Mode B	5	Back	56442	3670.2	1	99	56640	3690	1	0	22.3	20.8	0.703	0.993	0.279	0.394	21.5	0.826	0.328	-
Ant	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position(s)	PCC UL				SCC UL				Power (dBm)		Standalone				Power (dBm)	Simultaneous		Plot No.
						Ch #.	Freq. (MHz)	RB Allocation	RB Offset	Ch #.	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power	Meas.	Meas. 1-g SAR (W/kg)	Scaled 1-g SAR (W/kg)	Meas. 10-g SAR (W/kg)	Scaled 10-g SAR (W/kg)	Maximum Output Power	Scaled 1-g SAR (W/kg)	Scaled 10-g SAR (W/kg)	
ANT 9	Head	QPSK	Mode A	0	Left Cheek	55891	3615.1	1	99	56089	3634.9	1	0	23.7	23.2	0.142	0.159	0.066	0.074	23.4	0.149	0.069	-
	Body & Hotspot	QPSK	Mode B	5	Back	55891	3615.1	1	99	56089	3634.9	1	0	21.5	20.2	0.369	0.498	0.149	0.201	20.7	0.414	0.167	-
	Hotspot	QPSK	Mode B	5	Edge Left	56442	3670.2	1	99	56640	3690	1	0	21.5	20.2	0.468	0.631	0.175	0.236	20.7	0.525	0.196	-
Ant	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position(s)	PCC UL				SCC UL				Power (dBm)		Standalone				Power (dBm)	Simultaneous		Plot No.
						Ch #.	Freq. (MHz)	RB Allocation	RB Offset	Ch #.	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power	Meas.	Meas. 1-g SAR (W/kg)	Scaled 1-g SAR (W/kg)	Meas. 10-g SAR (W/kg)	Scaled 10-g SAR (W/kg)	Maximum Output Power	Scaled 1-g SAR (W/kg)	Scaled 10-g SAR (W/kg)	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	55340	3560	1	99	55538	3579.8	1	0	20.5	18.8	0.709	1.049	0.256	0.379	19.7	0.872	0.315	-
	Body & Hotspot	QPSK	Mode B	5	Front	55891	3615.1	1	99	56089	3634.9	1	0	22.4	21.1	0.381	0.514	0.151	0.204	21.6	0.427	0.169	-
	Hotspot	QPSK	Mode B	5	Edge Right	55340	3560	1	99	55538	3579.8	1	0	22.4	21.2	0.835	1.101	0.315	0.415	21.6	0.916	0.345	-

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)

										Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power (dBm)	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	QPSK	Mode A	0	Left Cheek	60197	2489.2	1	25	20.7	19.7	0.125	0.157	0.066	0.083	20.7	0.157	0.083	
ANT 1	Head	QPSK	Mode A	0	Left Cheek	60197	2489.2	25	0	20.7	19.7	0.114	0.144	0.060	0.076	20.7	0.144	0.076	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	60197	2489.2	1	25	20.7	19.7	0.145	0.183	0.076	0.096	20.7	0.183	0.096	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	60197	2489.2	25	0	20.7	19.7	0.128	0.161	0.067	0.084	20.7	0.161	0.084	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	60197	2489.2	1	25	20.7	19.7	0.246	0.310	0.135	0.170	20.7	0.310	0.170	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	60197	2489.2	25	0	20.7	19.7	0.190	0.239	0.104	0.131	20.7	0.239	0.131	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	60197	2489.2	1	25	20.7	19.7	0.091	0.115	0.050	0.063	20.7	0.115	0.063	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	60197	2489.2	25	0	20.7	19.7	0.090	0.113	0.049	0.062	20.7	0.113	0.062	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	60197	2489.2	1	25	20.7	19.7	0.578	0.728	0.271	0.341	20.7	0.728	0.341	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	60197	2489.2	25	25	20.7	19.7	0.593	0.747	0.277	0.349	20.7	0.747	0.349	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	60197	2489.2	1	25	20.7	19.7	0.531	0.668	0.244	0.307	20.7	0.668	0.307	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	60197	2489.2	25	25	20.7	19.7	0.538	0.677	0.244	0.307	20.7	0.677	0.307	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	60197	2489.2	1	25	20.7	19.7	0.556	0.700	0.253	0.319	20.7	0.700	0.319	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	60197	2489.2	25	25	20.7	19.7	0.560	**0.705**	0.249	0.313	20.7	**0.705**	0.313	46
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	60197	2489.2	1	25	20.7	19.7	0.535	0.674	0.231	0.291	20.7	0.674	0.291	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	60197	2489.2	25	25	20.7	19.7	0.545	0.686	0.236	0.297	20.7	0.686	0.297	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	60197	2489.2	1	25	20.7	19.7	0.006	0.008	0.003	0.004	20.7	0.008	0.004	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	60197	2489.2	25	25	20.7	19.7	0.006	0.008	0.002	0.003	20.7	0.008	0.003	

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										Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power	Meas. Output Power	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 2	Head	QPSK	Mode A	0	Left Cheek	60197	2489.2	1	0	20.3	19.3	0.843	**1.061**	0.311	0.392	19.5	**0.883**	0.326	47
ANT 2	Head	QPSK	Mode A	0	Left Cheek	60197	2489.2	25	0	20.3	19.5	0.860	1.034	0.316	0.380	19.5	0.860	0.316	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	60197	2489.2	50	0	20.3	19.5	0.850	1.022	0.316	0.380	19.5	0.850	0.316	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	60197	2489.2	1	0	20.3	19.3	0.750	0.944	0.280	0.352	19.5	0.785	0.293	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	60197	2489.2	25	0	20.3	19.5	0.763	0.917	0.283	0.340	19.5	0.763	0.283	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	60197	2489.2	50	0	20.3	19.5	0.710	0.854	0.266	0.320	19.5	0.710	0.266	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	60197	2489.2	1	0	20.3	19.3	0.729	0.918	0.316	0.398	19.5	0.763	0.331	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	60197	2489.2	25	0	20.3	19.5	0.738	0.887	0.319	0.384	19.5	0.738	0.319	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	60197	2489.2	50	0	20.3	19.5	0.679	0.816	0.293	0.352	19.5	0.679	0.293	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	60197	2489.2	1	0	20.3	19.3	0.584	0.735	0.238	0.300	19.5	0.612	0.249	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	60197	2489.2	25	0	20.3	19.5	0.584	0.702	0.239	0.287	19.5	0.584	0.239	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	60197	2489.2	1	0	20.7	19.9	0.639	0.768	0.255	0.307	20.4	0.717	0.286	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	60197	2489.2	25	0	20.7	19.8	0.684	**0.842**	0.272	0.335	20.4	0.785	0.312	48
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	60197	2489.2	50	0	20.7	20.0	0.652	0.766	0.255	0.300	20.4	0.715	0.280	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	60197	2489.2	1	0	20.7	19.9	0.411	0.494	0.172	0.207	20.4	0.461	0.193	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	60197	2489.2	25	0	20.7	19.8	0.442	0.544	0.178	0.219	20.4	0.507	0.204	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	60197	2489.2	1	0	20.7	19.9	0.414	0.498	0.149	0.179	20.4	0.465	0.167	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	60197	2489.2	25	0	20.7	19.8	0.430	0.529	0.163	0.201	20.4	0.494	0.187	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	60197	2489.2	1	0	20.7	19.9	0.040	0.048	0.017	0.020	20.4	0.045	0.019	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	60197	2489.2	25	0	20.7	19.8	0.032	0.039	0.014	0.017	20.4	0.037	0.016	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	60197	2489.2	1	0	20.7	19.9	0.215	0.258	0.105	0.126	20.4	0.241	0.118	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	60197	2489.2	25	0	20.7	19.8	0.232	0.285	0.117	0.144	20.4	0.266	0.134	

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10.18. LTE Band 66 (20MHz Bandwidth)

										Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power (dBm)	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	QPSK	Mode A	0	Left Cheek	132322	1745.0	1	49	25.7	25.2	0.165	0.185	0.111	0.125	25.7	0.185	0.125	
ANT 1	Head	QPSK	Mode A	0	Left Cheek	132322	1745.0	50	0	24.7	24.2	0.132	0.148	0.087	0.098	24.7	0.148	0.098	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	132322	1745.0	1	49	25.7	25.2	0.106	0.119	0.067	0.075	25.7	0.119	0.075	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	132322	1745.0	50	0	24.7	24.2	0.110	0.123	0.069	0.077	24.7	0.123	0.077	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	132322	1745.0	1	49	25.7	25.2	0.305	0.342	0.197	0.221	25.7	0.342	0.221	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	132322	1745.0	50	0	24.7	24.2	0.297	0.333	0.190	0.213	24.7	0.333	0.213	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	132322	1745.0	1	49	25.7	25.2	0.081	0.091	0.054	0.061	25.7	0.091	0.061	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	132322	1745.0	50	0	24.7	24.2	0.086	0.096	0.056	0.063	24.7	0.096	0.063	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	132322	1745.0	1	49	19.6	19.2	0.611	0.670	0.313	0.343	18.8	0.557	0.285	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	132322	1745.0	50	0	19.6	19.3	0.585	0.627	0.300	0.321	18.8	0.521	0.267	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	132322	1745.0	1	49	19.6	19.2	0.448	0.491	0.225	0.247	18.8	0.409	0.205	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	132322	1745.0	50	0	19.6	19.3	0.438	0.469	0.219	0.235	18.8	0.390	0.195	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	132322	1745.0	1	49	19.6	19.2	0.269	0.295	0.130	0.143	18.8	0.245	0.119	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	132322	1745.0	50	0	19.6	19.3	0.259	0.278	0.125	0.134	18.8	0.231	0.111	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	132072	1720.0	1	49	19.6	19.4	0.919	0.962	0.444	0.465	18.8	0.800	0.387	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	132072	1720.0	50	0	19.6	19.4	0.909	0.952	0.439	0.460	18.8	0.792	0.382	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	132322	1745.0	1	49	19.6	19.4	0.925	0.969	0.449	0.470	18.8	0.806	0.391	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	132322	1745.0	50	0	19.6	19.2	0.934	1.024	0.446	0.489	18.8	0.852	0.407	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	132322	1745.0	100	0	19.6	19.3	0.904	0.969	0.431	0.462	18.8	0.806	0.384	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	132572	1770.0	1	49	19.6	18.9	1.010	1.187	0.486	0.571	18.8	0.987	0.475	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	132572	1770.0	50	0	19.6	19.0	1.000	1.148	0.479	0.550	18.8	0.955	0.457	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	132322	1745.0	1	49	19.6	19.2	0.013	0.014	0.008	0.009	18.8	0.012	0.007	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	132322	1745.0	50	0	19.6	19.3	0.013	0.014	0.007	0.008	18.8	0.012	0.006	

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										Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power	Meas. Output Power	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 2	Head	QPSK	Mode A	0	Left Cheek	132072	1720.0	1	49	20.0	19.0	0.859	1.081	0.408	0.514	19.2	0.899	0.427	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	132072	1720.0	50	24	20.0	19.0	0.835	1.051	0.399	0.502	19.2	0.874	0.418	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	132072	1720.0	100	0	20.0	19.1	0.839	1.032	0.400	0.492	19.2	0.859	0.409	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	132322	1745.0	1	49	20.0	18.9	0.720	0.928	0.353	0.455	19.2	0.771	0.378	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	132322	1745.0	50	50	20.0	18.8	0.681	0.898	0.331	0.436	19.2	0.747	0.363	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	132572	1770.0	1	49	20.0	18.9	0.571	0.736	0.281	0.362	19.2	0.612	0.301	
ANT 2	Head	QPSK	Mode A	0	Left Cheek	132572	1770.0	50	0	20.0	18.9	0.595	0.767	0.290	0.374	19.2	0.638	0.311	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	132322	1745.0	1	49	20.0	18.9	0.620	0.799	0.295	0.380	19.2	0.664	0.316	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	132322	1745.0	50	50	20.0	18.8	0.599	0.790	0.278	0.366	19.2	0.657	0.305	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	132072	1720.0	1	49	20.0	19.0	0.918	**1.156**	0.493	0.621	19.2	**0.961**	0.516	49
ANT 2	Head	QPSK	Mode A	0	Right Cheek	132072	1720.0	50	24	20.0	19.0	0.908	1.143	0.487	0.613	19.2	0.951	0.510	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	132072	1720.0	100	0	20.0	19.1	0.914	1.124	0.492	0.605	19.2	0.935	0.503	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	132322	1745.0	1	49	20.0	18.9	0.800	1.031	0.436	0.562	19.2	0.857	0.467	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	132322	1745.0	50	50	20.0	18.8	0.783	1.032	0.427	0.563	19.2	0.859	0.468	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	132572	1770.0	1	49	20.0	18.9	0.760	0.979	0.417	0.537	19.2	0.814	0.447	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	132572	1770.0	50	0	20.0	18.9	0.766	0.987	0.420	0.541	19.2	0.821	0.450	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	132072	1720.0	1	49	20.0	19.0	0.881	1.109	0.452	0.569	19.2	0.923	0.473	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	132072	1720.0	50	24	20.0	19.0	0.863	1.086	0.442	0.556	19.2	0.904	0.463	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	132072	1720.0	100	0	20.0	19.1	0.872	1.073	0.447	0.550	19.2	0.892	0.457	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	132322	1745.0	1	49	20.0	18.9	0.712	0.917	0.359	0.462	19.2	0.763	0.385	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	132322	1745.0	50	50	20.0	18.8	0.700	0.923	0.356	0.469	19.2	0.768	0.390	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	132572	1770.0	1	49	20.0	18.9	0.716	0.922	0.364	0.469	19.2	0.767	0.390	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	132572	1770.0	50	0	20.0	18.9	0.718	0.925	0.359	0.462	19.2	0.769	0.385	

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										Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power	Meas. Output Power	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	132072	1720.0	1	49	19.4	17.9	0.721	**1.018**	0.374	0.528	18.6	**0.847**	0.439	50
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	132072	1720.0	50	24	19.4	17.9	0.707	0.999	0.368	0.520	18.6	0.831	0.432	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	132072	1720.0	100	0	19.4	17.9	0.715	1.010	0.372	0.525	18.6	0.840	0.437	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	132322	1745.0	1	49	19.4	17.7	0.635	0.939	0.332	0.491	18.6	0.781	0.408	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	132322	1745.0	50	24	19.4	17.7	0.643	0.951	0.336	0.497	18.6	0.791	0.413	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	132572	1770.0	1	49	19.4	17.7	0.592	0.876	0.305	0.451	18.6	0.728	0.375	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	132572	1770.0	50	0	19.4	17.8	0.589	0.851	0.303	0.438	18.6	0.708	0.364	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	132322	1745.0	1	49	19.4	17.7	0.484	0.716	0.234	0.346	18.6	0.595	0.288	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	132322	1745.0	50	24	19.4	17.7	0.481	0.711	0.231	0.342	18.6	0.592	0.284	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	132072	1720.0	1	49	19.4	17.9	0.843	**1.191**	0.401	0.566	18.6	**0.990**	0.471	51
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	132072	1720.0	50	24	19.4	17.9	0.836	1.181	0.397	0.561	18.6	0.982	0.466	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	132072	1720.0	100	0	19.4	17.9	0.800	1.130	0.362	0.511	18.6	0.940	0.425	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	132322	1745.0	1	49	19.4	17.7	0.747	1.105	0.357	0.528	18.6	0.919	0.439	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	132322	1745.0	50	24	19.4	17.7	0.725	1.072	0.331	0.490	18.6	0.892	0.407	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	132572	1770.0	1	49	19.4	17.7	0.703	1.040	0.338	0.500	18.6	0.865	0.416	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	132572	1770.0	50	0	19.4	17.8	0.709	1.025	0.341	0.493	18.6	0.852	0.410	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	132322	1745.0	1	49	19.4	17.7	0.018	0.027	0.010	0.015	18.6	0.022	0.012	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	132322	1745.0	50	24	19.4	17.7	0.019	0.028	0.010	0.015	18.6	0.023	0.012	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	132322	1745.0	1	49	19.4	17.7	0.382	0.565	0.189	0.280	18.6	0.470	0.233	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	132322	1745.0	50	24	19.4	17.7	0.384	0.568	0.190	0.281	18.6	0.472	0.234	

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										Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power	Meas. Output Power	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 3	Head	QPSK	Mode A	0	Left Cheek	132322	1745.0	1	49	24.2	23.1	0.434	0.559	0.285	0.367	23.4	0.465	0.305	
ANT 3	Head	QPSK	Mode A	0	Left Cheek	132322	1745.0	50	0	24.2	23.0	0.511	0.674	0.325	0.428	23.4	0.560	0.356	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	132322	1745.0	1	49	24.2	23.1	0.208	0.268	0.139	0.179	23.4	0.223	0.149	
ANT 3	Head	QPSK	Mode A	0	Left Tilt	132322	1745.0	50	0	24.2	23.0	0.235	0.310	0.149	0.196	23.4	0.258	0.163	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	132322	1745.0	1	49	24.2	23.1	0.190	0.245	0.132	0.170	23.4	0.204	0.141	
ANT 3	Head	QPSK	Mode A	0	Right Cheek	132322	1745.0	50	0	24.2	23.0	0.203	0.268	0.137	0.181	23.4	0.223	0.150	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	132322	1745.0	1	49	24.2	23.1	0.139	0.179	0.097	0.125	23.4	0.149	0.104	
ANT 3	Head	QPSK	Mode A	0	Right Tilt	132322	1745.0	50	0	24.2	23.0	0.149	0.196	0.100	0.132	23.4	0.163	0.110	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	132322	1745.0	1	49	22.1	20.8	0.523	0.706	0.294	0.397	21.3	0.600	0.338	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Back	132322	1745.0	50	24	22.1	20.9	0.530	0.699	0.298	0.393	21.3	0.595	0.334	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	132322	1745.0	1	49	22.1	20.8	0.500	0.674	0.281	0.379	21.3	0.574	0.323	
ANT 3	Body & Hotspot	QPSK	Mode B	5	Front	132322	1745.0	50	24	22.1	20.9	0.499	0.658	0.281	0.370	21.3	0.560	0.315	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	132322	1745.0	1	49	22.1	20.8	0.483	0.652	0.215	0.290	21.3	0.555	0.247	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Bottom	132322	1745.0	50	24	22.1	20.9	0.430	0.567	0.191	0.252	21.3	0.482	0.214	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	132072	1720.0	1	49	22.1	20.8	0.799	1.078	0.414	0.558	21.3	0.917	0.475	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	132072	1720.0	50	0	22.1	20.9	0.803	1.059	0.415	0.547	21.3	0.901	0.466	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	132322	1745.0	1	49	22.1	20.8	0.858	1.157	0.450	0.607	21.3	0.985	0.517	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	132322	1745.0	50	24	22.1	20.9	0.857	1.130	0.450	0.593	21.3	0.962	0.505	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	132322	1745.0	100	0	22.1	20.9	0.868	1.144	0.454	0.598	21.3	0.974	0.509	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	132572	1770.0	1	49	22.1	20.8	0.793	1.070	0.407	0.549	21.3	0.910	0.467	
ANT 3	Hotspot	QPSK	Mode B	5	Edge Left	132572	1770.0	50	0	22.1	20.8	0.772	1.041	0.398	0.537	21.3	0.886	0.457	

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										Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power	Meas. Output Power	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 4	Head	QPSK	Mode A	0	Left Cheek	132072	1720.0	1	49	20.0	18.3	0.657	0.972	0.333	0.493	19.2	0.808	0.410	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	132072	1720.0	50	0	20.0	18.5	0.643	0.908	0.327	0.462	19.2	0.755	0.384	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	132322	1745.0	1	49	20.0	18.4	0.652	0.942	0.330	0.477	19.2	0.784	0.397	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	132322	1745.0	50	50	20.0	18.5	0.666	0.941	0.332	0.469	19.2	0.782	0.390	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	132322	1745.0	100	0	20.0	18.5	0.667	0.942	0.336	0.475	19.2	0.784	0.395	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	132572	1770.0	1	49	20.0	18.5	0.655	0.925	0.328	0.463	19.2	0.770	0.385	
ANT 4	Head	QPSK	Mode A	0	Left Cheek	132572	1770.0	50	0	20.0	18.4	0.667	0.964	0.333	0.481	19.2	0.802	0.400	
ANT 4	Head	QPSK	Mode A	0	Left Tilt	132322	1745.0	1	49	20.0	18.4	0.384	0.555	0.191	0.276	19.2	0.462	0.230	
ANT 4	Head	QPSK	Mode A	0	Left Tilt	132322	1745.0	50	50	20.0	18.5	0.378	0.534	0.187	0.264	19.2	0.444	0.220	
ANT 4	Head	QPSK	Mode A	0	Right Cheek	132322	1745.0	1	49	20.0	18.4	0.274	0.396	0.158	0.228	19.2	0.329	0.190	
ANT 4	Head	QPSK	Mode A	0	Right Cheek	132322	1745.0	50	50	20.0	18.5	0.281	0.397	0.161	0.227	19.2	0.330	0.189	
ANT 4	Head	QPSK	Mode A	0	Right Tilt	132322	1745.0	1	49	20.0	18.4	0.161	0.233	0.091	0.132	19.2	0.194	0.109	
ANT 4	Head	QPSK	Mode A	0	Right Tilt	132322	1745.0	50	50	20.0	18.5	0.157	0.222	0.089	0.126	19.2	0.184	0.105	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	132322	1745.0	1	49	21.8	20.2	0.528	0.763	0.285	0.412	21.0	0.635	0.343	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Back	132322	1745.0	50	0	21.8	20.3	0.536	0.757	0.289	0.408	21.0	0.630	0.340	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Front	132322	1745.0	1	49	21.8	20.2	0.417	0.603	0.236	0.341	21.0	0.501	0.284	
ANT 4	Body & Hotspot	QPSK	Mode B	5	Front	132322	1745.0	50	0	21.8	20.3	0.421	0.595	0.238	0.336	21.0	0.495	0.280	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Top	132322	1745.0	1	49	21.8	20.2	0.061	0.088	0.034	0.049	21.0	0.073	0.041	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Top	132322	1745.0	50	0	21.8	20.3	0.059	0.083	0.033	0.047	21.0	0.069	0.039	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	132072	1720.0	1	49	21.8	20.2	0.661	0.955	0.333	0.481	21.0	0.795	0.400	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	132072	1720.0	50	0	21.8	20.2	0.653	0.944	0.329	0.476	21.0	0.785	0.396	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	132322	1745.0	1	49	21.8	20.2	0.691	0.999	0.347	0.502	21.0	0.831	0.417	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	132322	1745.0	50	0	21.8	20.3	0.686	0.969	0.344	0.486	21.0	0.806	0.404	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	132322	1745.0	100	0	21.8	20.3	0.686	0.969	0.343	0.485	21.0	0.806	0.403	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	132572	1770.0	1	49	21.8	20.3	0.645	0.911	0.321	0.453	21.0	0.758	0.377	
ANT 4	Hotspot	QPSK	Mode B	5	Edge Right	132572	1770.0	50	0	21.8	20.3	0.651	0.920	0.322	0.455	21.0	0.765	0.378	

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10.19. LTE Band 71 (20MHz Bandwidth)

										Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power (dBm)	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power (dBm)	1-g Scaled (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	24.8	0.129	0.159	0.102	0.125	25.7	0.159	0.125	
ANT 1	Head	QPSK	Mode A	0	Left Cheek	133297	680.5	50	24	24.7	24.1	0.106	0.122	0.085	0.098	24.7	0.122	0.098	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	133297	680.5	1	49	25.7	24.8	0.060	0.074	0.048	0.059	25.7	0.074	0.059	
ANT 1	Head	QPSK	Mode A	0	Left Tilt	133297	680.5	50	24	24.7	24.1	0.052	0.060	0.042	0.048	24.7	0.060	0.048	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	133297	680.5	1	49	25.7	24.8	0.160	0.197	0.127	0.156	25.7	0.197	0.156	
ANT 1	Head	QPSK	Mode A	0	Right Cheek	133297	680.5	50	24	24.7	24.1	0.137	0.157	0.109	0.125	24.7	0.157	0.125	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	133297	680.5	1	49	25.7	24.8	0.062	0.076	0.050	0.062	25.7	0.076	0.062	
ANT 1	Head	QPSK	Mode A	0	Right Tilt	133297	680.5	50	24	24.7	24.1	0.052	0.060	0.042	0.048	24.7	0.060	0.048	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	133297	680.5	1	49	25.7	24.8	0.369	0.454	0.231	0.284	25.7	0.454	0.284	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Back	133297	680.5	50	24	24.7	24.1	0.314	0.361	0.197	0.226	24.7	0.366	0.229	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	133297	680.5	1	49	25.7	24.8	0.253	0.311	0.162	0.199	25.7	0.311	0.199	
ANT 1	Body & Hotspot	QPSK	Mode B	5	Front	133297	680.5	50	24	24.7	24.1	0.216	0.248	0.137	0.157	24.7	0.251	0.159	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	133297	680.5	1	49	25.7	24.8	0.599	**0.737**	0.329	0.405	25.7	**0.737**	0.405	52
ANT 1	Hotspot	QPSK	Mode B	5	Edge Right	133297	680.5	50	24	24.7	24.1	0.515	0.591	0.283	0.325	24.7	0.600	0.329	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	133297	680.5	1	49	25.7	24.8	0.307	0.378	0.145	0.178	25.7	0.378	0.178	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Bottom	133297	680.5	50	24	24.7	24.1	0.261	0.300	0.123	0.141	24.7	0.304	0.143	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	133297	680.5	1	49	25.7	24.8	0.205	0.252	0.135	0.166	25.7	0.252	0.166	
ANT 1	Hotspot	QPSK	Mode B	5	Edge Left	133297	680.5	50	24	24.7	24.1	0.175	0.201	0.115	0.132	24.7	0.204	0.134	

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										Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power	Meas. Output Power	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 2	Head	QPSK	Mode A	0	Left Cheek	133297	680.5	1	49	24.7	23.9	0.718	**0.863**	0.374	0.450	24.7	**0.863**	0.450	53
ANT 2	Head	QPSK	Mode A	0	Left Cheek	133297	680.5	50	24	23.7	23.2	0.573	0.643	0.302	0.339	23.7	0.643	0.339	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	133297	680.5	1	49	24.7	23.9	0.596	0.717	0.291	0.350	24.7	0.717	0.350	
ANT 2	Head	QPSK	Mode A	0	Left Tilt	133297	680.5	50	24	23.7	23.2	0.463	0.519	0.230	0.258	23.7	0.519	0.258	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	133297	680.5	1	49	24.7	23.9	0.629	0.756	0.358	0.430	24.7	0.756	0.430	
ANT 2	Head	QPSK	Mode A	0	Right Cheek	133297	680.5	50	24	23.7	23.2	0.601	0.674	0.333	0.374	23.7	0.674	0.374	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	133297	680.5	1	49	24.7	23.9	0.508	0.611	0.267	0.321	24.7	0.611	0.321	
ANT 2	Head	QPSK	Mode A	0	Right Tilt	133297	680.5	50	24	23.7	23.2	0.443	0.497	0.242	0.272	23.7	0.497	0.272	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	133297	680.5	1	49	24.7	23.9	0.381	**0.458**	0.211	0.254	24.7	**0.458**	0.254	54
ANT 2	Body & Hotspot	QPSK	Mode B	5	Back	133297	680.5	50	24	23.7	23.2	0.334	0.375	0.181	0.203	23.7	0.375	0.203	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	133297	680.5	1	49	24.7	23.9	0.343	0.412	0.191	0.230	24.7	0.412	0.230	
ANT 2	Body & Hotspot	QPSK	Mode B	5	Front	133297	680.5	50	24	23.7	23.2	0.267	0.300	0.149	0.167	23.7	0.300	0.167	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	133297	680.5	1	49	24.7	23.9	0.238	0.286	0.110	0.132	24.7	0.286	0.132	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Top	133297	680.5	50	24	23.7	23.2	0.212	0.238	0.096	0.108	23.7	0.238	0.108	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	133297	680.5	1	49	24.7	23.9	0.094	0.113	0.065	0.078	24.7	0.113	0.078	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Right	133297	680.5	50	24	23.7	23.2	0.092	0.103	0.062	0.070	23.7	0.103	0.070	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	133297	680.5	1	49	24.7	23.9	0.113	0.136	0.062	0.075	24.7	0.136	0.075	
ANT 2	Hotspot	QPSK	Mode B	5	Edge Left	133297	680.5	50	24	23.7	23.2	0.099	0.111	0.054	0.061	23.7	0.111	0.061	

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10.20. NR Band n5 (20MHz Bandwidth)

										Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power (dBm)	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	166800	834.0	1	104	25.7	25.2	0.188	0.211	0.153	0.172	25.7	0.211	0.172	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	166800	834.0	50	28	25.7	25.5	0.174	0.182	0.141	0.148	25.7	0.182	0.148	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	166800	834.0	1	104	25.7	25.2	0.098	0.110	0.078	0.088	25.7	0.110	0.088	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	166800	834.0	50	28	25.7	25.5	0.082	0.086	0.066	0.069	25.7	0.086	0.069	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	166800	834.0	1	104	25.7	25.2	0.165	0.185	0.132	0.148	25.7	0.185	0.148	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	166800	834.0	50	28	25.7	25.5	0.159	0.166	0.125	0.131	25.7	0.166	0.131	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	166800	834.0	1	104	25.7	25.2	0.073	0.082	0.058	0.065	25.7	0.082	0.065	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	166800	834.0	50	28	25.7	25.5	0.077	0.081	0.059	0.062	25.7	0.081	0.062	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	166800	834.0	1	104	25.7	25.2	0.574	0.644	0.307	0.344	25.7	0.644	0.344	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	166800	834.0	50	28	25.7	25.5	0.544	0.570	0.295	0.309	25.7	0.570	0.309	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	166800	834.0	1	104	25.7	25.2	0.314	0.352	0.183	0.205	25.7	0.352	0.205	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	166800	834.0	50	28	25.7	25.5	0.378	0.396	0.217	0.227	25.7	0.396	0.227	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	166800	834.0	1	104	25.7	25.2	0.507	0.569	0.266	0.298	25.7	0.569	0.298	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	166800	834.0	50	28	25.7	25.5	0.566	**0.593**	0.382	0.400	25.7	**0.593**	0.400	55
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	166800	834.0	1	104	25.7	25.2	0.475	0.533	0.221	0.248	25.7	0.533	0.248	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	166800	834.0	50	28	25.7	25.5	0.453	0.474	0.208	0.218	25.7	0.474	0.218	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	166800	834.0	1	104	25.7	25.2	0.242	0.272	0.161	0.181	25.7	0.272	0.181	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	166800	834.0	50	28	25.7	25.5	0.208	0.218	0.137	0.143	25.7	0.218	0.143	

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										Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power (dBm)	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	166800	834.0	1	1	23.5	22.7	0.773	**0.921**	0.442	0.527	22.7	**0.766**	0.438	56
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	166800	834.0	50	28	23.5	22.8	0.733	0.865	0.416	0.491	22.7	0.720	0.408	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	166800	834.0	1	1	23.5	22.7	0.527	0.628	0.284	0.338	22.7	0.522	0.281	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	166800	834.0	50	28	23.5	22.8	0.503	0.594	0.269	0.318	22.7	0.494	0.264	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	166800	834.0	1	1	23.5	22.7	0.684	0.815	0.384	0.457	22.7	0.678	0.380	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	166800	834.0	50	28	23.5	22.8	0.738	0.871	0.411	0.485	22.7	0.725	0.403	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	166800	834.0	1	1	23.5	22.7	0.452	0.538	0.236	0.281	22.7	0.448	0.234	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	166800	834.0	50	28	23.5	22.8	0.529	0.624	0.272	0.321	22.7	0.519	0.267	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	166800	834.0	1	1	24.7	23.7	0.557	**0.701**	0.323	0.407	24.7	**0.701**	0.407	57
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	166800	834.0	50	28	24.7	24.2	0.614	0.689	0.354	0.397	24.7	0.689	0.397	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	166800	834.0	1	1	24.7	23.7	0.536	0.675	0.299	0.376	24.7	0.675	0.376	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	166800	834.0	50	28	24.7	24.2	0.583	0.654	0.325	0.365	24.7	0.654	0.365	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	166800	834.0	1	1	24.7	23.7	0.349	0.439	0.170	0.214	24.7	0.439	0.214	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	166800	834.0	50	28	24.7	24.2	0.393	0.441	0.188	0.211	24.7	0.441	0.211	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	166800	834.0	1	1	24.7	23.7	0.159	0.200	0.107	0.135	24.7	0.200	0.135	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	166800	834.0	50	28	24.7	24.2	0.192	0.215	0.128	0.144	24.7	0.215	0.144	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	166800	834.0	1	1	24.7	23.7	0.101	0.127	0.053	0.067	24.7	0.127	0.067	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	166800	834.0	50	28	24.7	24.2	0.124	0.139	0.065	0.073	24.7	0.139	0.073	

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10.21. NR Band n7 (40MHz Bandwidth)

										Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power (dBm)	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	507000	2535.0	1	1	25.7	24.7	0.235	0.296	0.137	0.172	25.7	0.296	0.172	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	507000	2535.0	108	54	25.7	25.2	0.273	0.306	0.158	0.177	25.7	0.306	0.177	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	507000	2535.0	1	1	25.7	24.7	0.231	0.291	0.124	0.156	25.7	0.291	0.156	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	507000	2535.0	108	54	25.7	25.2	0.241	0.270	0.131	0.147	25.7	0.270	0.147	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	507000	2535.0	1	1	25.7	24.7	0.507	0.638	0.281	0.354	25.7	0.638	0.354	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	507000	2535.0	108	54	25.7	25.2	0.513	0.576	0.283	0.318	25.7	0.576	0.318	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	507000	2535.0	1	1	25.7	24.7	0.190	0.239	0.108	0.136	25.7	0.239	0.136	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	507000	2535.0	108	54	25.7	25.2	0.207	0.232	0.116	0.130	25.7	0.232	0.130	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	507000	2535.0	1	1	21.0	19.5	0.430	0.607	0.200	0.283	20.2	0.505	0.235	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	507000	2535.0	108	54	21.0	19.5	0.436	0.616	0.204	0.288	20.2	0.512	0.240	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	507000	2535.0	1	1	21.0	19.5	0.434	0.613	0.195	0.275	20.2	0.510	0.229	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	507000	2535.0	108	54	21.0	19.5	0.482	0.681	0.213	0.301	20.2	0.566	0.250	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	507000	2535.0	1	1	21.0	19.5	0.532	0.751	0.239	0.338	20.2	0.625	0.281	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	507000	2535.0	108	54	21.0	19.5	0.599	0.846	0.264	0.373	20.2	0.704	0.310	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	507000	2535.0	1	1	21.0	19.5	0.447	0.631	0.192	0.271	20.2	0.525	0.226	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	507000	2535.0	108	54	21.0	19.5	0.510	0.720	0.220	0.311	20.2	0.599	0.258	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	507000	2535.0	1	1	21.0	19.5	0.004	0.006	0.000	0.000	20.2	0.005	0.000	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	507000	2535.0	108	54	21.0	19.5	0.017	0.024	0.008	0.011	20.2	0.020	0.009	

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										Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power (dBm)	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	507000	2535.0	1	214	17.8	16.7	0.923	**1.189**	0.339	0.437	17.0	**0.989**	0.363	58
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	507000	2535.0	108	54	17.8	16.7	0.904	1.165	0.334	0.430	17.0	0.969	0.358	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	507000	2535.0	1	214	17.8	16.7	0.856	1.103	0.308	0.397	17.0	0.917	0.330	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	507000	2535.0	108	54	17.8	16.7	0.814	1.049	0.294	0.379	17.0	0.872	0.315	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	507000	2535.0	1	214	17.8	16.7	0.689	0.888	0.280	0.361	17.0	0.738	0.300	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	507000	2535.0	108	54	17.8	16.7	0.696	0.897	0.285	0.367	17.0	0.746	0.305	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	507000	2535.0	1	214	17.8	16.7	0.720	0.928	0.297	0.383	17.0	0.771	0.318	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	507000	2535.0	108	54	17.8	16.7	0.642	0.827	0.265	0.341	17.0	0.688	0.284	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	507000	2535.0	1	214	18.9	17.8	0.772	**0.995**	0.305	0.393	18.1	**0.827**	0.327	59
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	507000	2535.0	108	54	18.9	17.6	0.696	0.939	0.267	0.360	18.1	0.781	0.300	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	507000	2535.0	1	214	18.9	17.8	0.550	0.709	0.232	0.299	18.1	0.589	0.249	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	507000	2535.0	108	54	18.9	17.6	0.584	0.788	0.245	0.330	18.1	0.655	0.275	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	507000	2535.0	1	214	18.9	17.8	0.778	1.002	0.276	0.356	18.1	0.834	0.296	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	507000	2535.0	108	54	18.9	17.6	0.745	1.005	0.267	0.360	18.1	0.836	0.300	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	507000	2535.0	1	214	18.9	17.8	0.045	0.058	0.020	0.026	18.1	0.048	0.021	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	507000	2535.0	108	54	18.9	17.6	0.039	0.053	0.017	0.023	18.1	0.044	0.019	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	507000	2535.0	1	214	18.9	17.8	0.410	0.528	0.185	0.238	18.1	0.439	0.198	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	507000	2535.0	108	54	18.9	17.6	0.441	0.595	0.195	0.263	18.1	0.495	0.219	

										Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power (dBm)	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	507000	2535.0	1	214	23.1	22.5	0.260	0.299	0.146	0.168	22.3	0.248	0.139	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	507000	2535.0	108	54	23.1	22.8	0.279	0.299	0.156	0.167	22.3	0.249	0.139	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	507000	2535.0	1	214	23.1	22.5	0.121	0.139	0.062	0.071	22.3	0.116	0.059	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	507000	2535.0	108	54	23.1	22.8	0.143	0.153	0.073	0.078	22.3	0.127	0.065	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	507000	2535.0	1	214	23.1	22.5	0.155	0.178	0.090	0.103	22.3	0.148	0.086	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	507000	2535.0	108	54	23.1	22.8	0.171	0.183	0.100	0.107	22.3	0.152	0.089	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	507000	2535.0	1	214	23.1	22.5	0.158	0.181	0.083	0.095	22.3	0.151	0.079	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	507000	2535.0	108	54	23.1	22.8	0.174	0.186	0.092	0.099	22.3	0.155	0.082	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	507000	2535.0	1	214	21.1	19.3	0.390	0.590	0.197	0.298	20.3	0.491	0.248	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	507000	2535.0	108	54	21.1	19.5	0.470	0.679	0.232	0.335	20.3	0.565	0.279	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	507000	2535.0	1	214	21.1	19.3	0.396	0.599	0.201	0.304	20.3	0.499	0.253	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	507000	2535.0	108	54	21.1	19.5	0.450	0.650	0.231	0.334	20.3	0.541	0.278	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	507000	2535.0	1	214	21.1	19.3	0.121	0.183	0.062	0.094	20.3	0.152	0.078	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	507000	2535.0	108	54	21.1	19.5	0.149	0.215	0.077	0.111	20.3	0.179	0.093	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	507000	2535.0	1	214	21.1	19.3	0.592	0.896	0.268	0.406	20.3	0.745	0.337	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	507000	2535.0	108	54	21.1	19.5	0.774	**1.119**	0.354	0.512	20.3	**0.931**	0.426	60

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										Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power (dBm)	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	507000	2535.0	1	1	21.5	20.0	0.644	0.910	0.307	0.434	20.7	0.757	0.361	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	507000	2535.0	108	54	21.5	20.1	0.708	0.977	0.340	0.469	20.7	0.813	0.390	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	507000	2535.0	1	1	21.5	20.0	0.318	0.449	0.155	0.219	20.7	0.374	0.182	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	507000	2535.0	108	54	21.5	20.1	0.314	0.433	0.152	0.210	20.7	0.361	0.175	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	507000	2535.0	1	1	21.5	20.0	0.316	0.446	0.168	0.237	20.7	0.371	0.197	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	507000	2535.0	108	54	21.5	20.1	0.341	0.471	0.181	0.250	20.7	0.392	0.208	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	507000	2535.0	1	1	21.5	20.0	0.129	0.182	0.074	0.105	20.7	0.152	0.087	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	507000	2535.0	108	54	21.5	20.1	0.121	0.167	0.069	0.095	20.7	0.139	0.079	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	507000	2535.0	1	1	21.2	20.1	0.561	0.723	0.252	0.325	20.4	0.601	0.270	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	507000	2535.0	108	54	21.2	20.0	0.553	0.729	0.249	0.328	20.4	0.606	0.273	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	507000	2535.0	1	1	21.2	20.1	0.272	0.350	0.136	0.175	20.4	0.291	0.146	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	507000	2535.0	108	54	21.2	20.0	0.309	0.407	0.154	0.203	20.4	0.339	0.169	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	507000	2535.0	1	1	21.2	20.1	0.099	0.128	0.043	0.055	20.4	0.106	0.046	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	507000	2535.0	108	54	21.2	20.0	0.113	0.149	0.048	0.063	20.4	0.124	0.053	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	507000	2535.0	1	1	21.2	20.1	0.603	0.777	0.281	0.362	20.4	0.646	0.301	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	507000	2535.0	108	54	21.2	20.0	0.640	0.844	0.297	0.392	20.4	0.702	0.326	

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10.22. NR Band n12 (15MHz Bandwidth)

										Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power (dBm)	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power (dBm)	1-g Scaled (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	77	25.7	24.9	0.125	0.150	0.099	0.119	25.7	0.150	0.119	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	141500	707.5	36	22	25.7	25.1	0.130	0.149	0.102	0.117	25.7	0.149	0.117	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	141500	707.5	1	77	25.7	24.9	0.066	0.079	0.053	0.064	25.7	0.079	0.064	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	141500	707.5	36	22	25.7	25.1	0.078	0.090	0.063	0.072	25.7	0.090	0.072	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	141500	707.5	1	77	25.7	24.9	0.137	0.165	0.108	0.130	25.7	0.165	0.130	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	141500	707.5	36	22	25.7	25.1	0.141	0.162	0.111	0.127	25.7	0.162	0.127	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	141500	707.5	1	77	25.7	24.9	0.064	0.077	0.052	0.063	25.7	0.077	0.063	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	141500	707.5	36	22	25.7	25.1	0.060	0.069	0.049	0.056	25.7	0.069	0.056	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	141500	707.5	1	77	25.7	24.9	0.382	0.459	0.226	0.272	25.7	0.459	0.272	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	141500	707.5	36	22	25.7	25.1	0.552	**0.634**	0.327	0.375	25.7	**0.634**	0.375	73
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	141500	707.5	1	77	25.7	24.9	0.221	0.266	0.127	0.153	25.7	0.266	0.153	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	141500	707.5	36	22	25.7	25.1	0.381	0.437	0.220	0.253	25.7	0.437	0.253	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	141500	707.5	1	77	25.7	24.9	0.687	0.826	0.382	0.459	25.7	0.826	0.459	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	141500	707.5	36	22	25.7	25.1	0.740	**0.850**	0.465	0.534	25.7	**0.850**	0.534	74
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	141500	707.5	1	77	25.7	24.9	0.281	0.338	0.133	0.160	25.7	0.338	0.160	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	141500	707.5	36	22	25.7	25.1	0.434	0.498	0.207	0.238	25.7	0.498	0.238	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	141500	707.5	1	77	25.7	24.9	0.198	0.238	0.131	0.157	25.7	0.238	0.157	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	141500	707.5	36	22	25.7	25.1	0.283	0.325	0.187	0.215	25.7	0.325	0.215	

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										Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power (dBm)	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power (dBm)	1-g Scaled (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	24.7	23.2	0.781	**1.103**	0.414	0.585	24.2	**0.983**	0.521	76
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	141500	707.5	36	22	24.7	23.9	0.884	1.063	0.470	0.565	24.2	0.947	0.504	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	141500	707.5	1	1	24.7	23.2	0.517	0.730	0.264	0.373	24.2	0.651	0.332	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	141500	707.5	36	22	24.7	23.9	0.702	0.844	0.354	0.426	24.2	0.752	0.379	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	141500	707.5	1	1	24.7	23.2	0.553	0.781	0.330	0.466	24.2	0.696	0.415	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	141500	707.5	36	22	24.7	23.9	0.587	0.706	0.345	0.415	24.2	0.629	0.370	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	141500	707.5	1	1	24.7	23.2	0.582	0.822	0.310	0.438	24.2	0.733	0.390	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	141500	707.5	36	22	24.7	23.9	0.625	0.751	0.348	0.418	24.2	0.670	0.373	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	141500	707.5	1	1	24.7	23.2	0.335	0.473	0.185	0.261	24.7	0.473	0.261	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	141500	707.5	36	22	24.7	23.9	0.463	0.557	0.253	0.304	24.7	0.557	0.304	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	141500	707.5	1	1	24.7	23.2	0.272	0.384	0.155	0.219	24.7	0.384	0.219	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	141500	707.5	36	22	24.7	23.9	0.339	0.408	0.191	0.230	24.7	0.408	0.230	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	141500	707.5	1	1	24.7	23.2	0.188	0.266	0.086	0.121	24.7	0.266	0.121	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	141500	707.5	36	22	24.7	23.9	0.233	0.280	0.108	0.130	24.7	0.280	0.130	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	141500	707.5	1	1	24.7	23.2	0.090	0.127	0.061	0.086	24.7	0.127	0.086	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	141500	707.5	36	22	24.7	23.9	0.121	0.145	0.081	0.097	24.7	0.145	0.097	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	141500	707.5	1	1	24.7	23.2	0.123	0.174	0.083	0.117	24.7	0.174	0.117	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	141500	707.5	36	22	24.7	23.9	0.154	0.185	0.103	0.124	24.7	0.185	0.124	

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10.23. NR Band n14 (10MHz Bandwidth)

										Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power (dBm)	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	158600	793.0	1	1	25.7	25.1	0.121	0.139	0.095	0.109	25.7	0.139	0.109	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	158600	793.0	25	14	25.7	25.3	0.112	0.123	0.088	0.096	25.7	0.123	0.096	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	158600	793.0	1	1	25.7	25.1	0.087	0.100	0.070	0.080	25.7	0.100	0.080	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	158600	793.0	25	14	25.7	25.3	0.086	0.094	0.068	0.075	25.7	0.094	0.075	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	158600	793.0	1	1	25.7	25.1	0.169	0.194	0.133	0.153	25.7	0.194	0.153	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	158600	793.0	25	14	25.7	25.3	0.230	0.252	0.180	0.197	25.7	0.252	0.197	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	158600	793.0	1	1	25.7	25.1	0.132	0.152	0.107	0.123	25.7	0.152	0.123	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	158600	793.0	25	14	25.7	25.3	0.131	0.144	0.105	0.115	25.7	0.144	0.115	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	158600	793.0	1	1	25.7	25.1	0.397	0.456	0.226	0.259	25.7	0.456	0.259	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	158600	793.0	25	14	25.7	25.3	0.346	0.379	0.200	0.219	25.7	0.379	0.219	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	158600	793.0	1	1	25.7	25.1	0.235	0.270	0.138	0.158	25.7	0.270	0.158	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	158600	793.0	25	14	25.7	25.3	0.222	0.243	0.130	0.143	25.7	0.243	0.143	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	158600	793.0	1	1	25.7	25.1	0.635	0.729	0.418	0.480	25.7	0.729	0.480	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	158600	793.0	25	14	25.7	25.3	0.678	**0.743**	0.445	0.488	25.7	**0.743**	0.488	64
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	158600	793.0	1	1	25.7	25.1	0.451	0.518	0.207	0.238	25.7	0.518	0.238	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	158600	793.0	25	14	25.7	25.3	0.383	0.420	0.173	0.190	25.7	0.420	0.190	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	158600	793.0	1	1	25.7	25.1	0.307	0.352	0.202	0.232	25.7	0.352	0.232	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	158600	793.0	25	14	25.7	25.3	0.270	0.296	0.177	0.194	25.7	0.296	0.194	

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										Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power (dBm)	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	158600	793.0	1	1	23.7	22.4	0.698	0.942	0.413	0.557	22.9	0.783	0.463	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	158600	793.0	25	14	23.7	22.7	0.800	1.007	0.475	0.598	22.9	0.838	0.497	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	158600	793.0	1	1	23.7	22.4	0.655	0.884	0.362	0.488	22.9	0.735	0.406	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	158600	793.0	25	14	23.7	22.7	0.626	0.788	0.346	0.436	22.9	0.656	0.362	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	158600	793.0	1	1	23.7	22.4	0.860	1.160	0.477	0.643	22.9	0.965	0.535	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	158600	793.0	25	14	23.7	22.7	0.932	**1.173**	0.518	0.652	22.9	**0.976**	0.542	65
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	158600	793.0	1	1	23.7	22.4	0.645	0.870	0.344	0.464	22.9	0.724	0.386	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	158600	793.0	25	14	23.7	22.7	0.622	0.783	0.333	0.419	22.9	0.651	0.349	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	158600	793.0	1	1	24.7	23.7	0.595	0.749	0.331	0.417	24.7	0.749	0.417	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	158600	793.0	25	14	24.7	23.7	0.704	**0.886**	0.391	0.492	24.7	**0.886**	0.492	66
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	158600	793.0	1	1	24.7	23.7	0.502	0.632	0.282	0.355	24.7	0.632	0.355	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	158600	793.0	25	14	24.7	23.7	0.579	0.729	0.323	0.407	24.7	0.729	0.407	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	158600	793.0	1	1	24.7	23.7	0.360	0.453	0.166	0.209	24.7	0.453	0.209	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	158600	793.0	25	14	24.7	23.7	0.412	0.519	0.190	0.239	24.7	0.519	0.239	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	158600	793.0	1	1	24.7	23.7	0.243	0.306	0.163	0.205	24.7	0.306	0.205	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	158600	793.0	25	14	24.7	23.7	0.247	0.311	0.165	0.208	24.7	0.311	0.208	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	158600	793.0	1	1	24.7	23.7	0.131	0.165	0.088	0.111	24.7	0.165	0.111	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	158600	793.0	25	14	24.7	23.7	0.139	0.175	0.093	0.117	24.7	0.175	0.117	

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10.24. NR Band n25 (40MHz Bandwidth)

										Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power (dBm)	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power (dBm)	1-g Scaled (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	25.7	24.9	0.133	0.160	0.089	0.107	25.5	0.153	0.102	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	376500	1882.5	108	54	25.7	25.2	0.112	0.126	0.075	0.084	25.5	0.120	0.080	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	376500	1882.5	1	1	25.7	24.9	0.097	0.117	0.062	0.075	25.5	0.111	0.071	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	376500	1882.5	108	54	25.7	25.2	0.087	0.098	0.056	0.063	25.5	0.093	0.060	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	376500	1882.5	1	1	25.7	24.9	0.202	0.243	0.131	0.157	25.5	0.232	0.150	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	376500	1882.5	108	54	25.7	25.2	0.232	0.260	0.151	0.169	25.5	0.249	0.162	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	376500	1882.5	1	1	25.7	24.9	0.122	0.147	0.076	0.091	25.5	0.140	0.087	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	376500	1882.5	108	54	25.7	25.2	0.128	0.144	0.079	0.089	25.5	0.137	0.085	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	376500	1882.5	1	1	19.7	18.2	0.426	0.602	0.222	0.314	18.9	0.501	0.261	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	376500	1882.5	108	54	19.7	18.2	0.404	0.571	0.214	0.302	18.9	0.475	0.251	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	376500	1882.5	1	1	19.7	18.2	0.351	0.496	0.178	0.251	18.9	0.412	0.209	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	376500	1882.5	108	54	19.7	18.2	0.292	0.412	0.150	0.212	18.9	0.343	0.176	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	376500	1882.5	1	1	19.7	18.2	0.258	0.364	0.124	0.175	18.9	0.303	0.146	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	376500	1882.5	108	54	19.7	18.2	0.248	0.350	0.122	0.172	18.9	0.291	0.143	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	376500	1882.5	1	1	19.7	18.2	0.761	**1.075**	0.355	0.501	18.9	**0.894**	0.417	67
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	376500	1882.5	108	54	19.7	18.2	0.687	0.970	0.320	0.452	18.9	0.807	0.376	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	376500	1882.5	1	1	19.7	18.2	0.024	0.034	0.013	0.018	18.9	0.028	0.015	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	376500	1882.5	108	54	19.7	18.2	0.019	0.027	0.010	0.014	18.9	0.022	0.012	

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										Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power (dBm)	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power (dBm)	1-g Scaled (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	1	21.0	20.0	0.555	0.699	0.316	0.398	20.2	0.581	0.331	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	376500	1882.5	108	54	21.0	19.8	0.532	0.706	0.290	0.385	20.2	0.587	0.320	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	376500	1882.5	1	1	21.0	20.0	0.299	0.376	0.162	0.204	20.2	0.313	0.170	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	376500	1882.5	108	54	21.0	19.8	0.334	0.443	0.177	0.235	20.2	0.369	0.195	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	376500	1882.5	1	1	21.0	20.0	0.746	**0.939**	0.412	0.519	20.2	**0.781**	0.431	68
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	376500	1882.5	108	54	21.0	19.8	0.682	0.905	0.372	0.494	20.2	0.753	0.411	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	376500	1882.5	1	1	21.0	20.0	0.624	0.786	0.293	0.369	20.2	0.653	0.307	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	376500	1882.5	108	54	21.0	19.8	0.584	0.775	0.275	0.365	20.2	0.645	0.304	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	376500	1882.5	1	214	21.3	20.3	0.743	0.935	0.354	0.446	20.5	0.778	0.371	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	376500	1882.5	108	54	21.3	20.1	0.746	**0.981**	0.356	0.468	20.5	**0.816**	0.389	69
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	376500	1882.5	1	214	21.3	20.3	0.432	0.544	0.213	0.268	20.5	0.452	0.223	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	376500	1882.5	108	54	21.3	20.1	0.381	0.501	0.191	0.251	20.5	0.417	0.209	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	376500	1882.5	1	214	21.3	20.3	0.511	0.643	0.229	0.288	20.5	0.535	0.240	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	376500	1882.5	108	54	21.3	20.1	0.553	0.727	0.253	0.333	20.5	0.605	0.277	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	376500	1882.5	1	214	21.3	20.3	0.018	0.023	0.009	0.011	20.5	0.019	0.009	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	376500	1882.5	108	54	21.3	20.1	0.014	0.018	0.008	0.011	20.5	0.015	0.009	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	376500	1882.5	1	214	21.3	20.3	0.725	0.913	0.359	0.452	20.5	0.759	0.376	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	376500	1882.5	108	54	21.3	20.1	0.715	0.940	0.357	0.470	20.5	0.782	0.391	

										Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power (dBm)	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power (dBm)	1-g Scaled (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	24.5	23.6	0.542	0.667	0.352	0.433	23.7	0.555	0.360	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	376500	1882.5	108	54	24.5	23.8	0.534	0.627	0.346	0.407	23.7	0.522	0.338	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	376500	1882.5	1	1	24.5	23.6	0.274	0.337	0.182	0.224	23.7	0.280	0.186	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	376500	1882.5	108	54	24.5	23.8	0.262	0.308	0.174	0.204	23.7	0.256	0.170	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	376500	1882.5	1	1	24.5	23.6	0.260	0.320	0.178	0.219	23.7	0.266	0.182	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	376500	1882.5	108	54	24.5	23.8	0.253	0.297	0.169	0.199	23.7	0.247	0.165	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	376500	1882.5	1	1	24.5	23.6	0.243	0.299	0.155	0.191	23.7	0.249	0.159	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	376500	1882.5	108	54	24.5	23.8	0.185	0.217	0.118	0.139	23.7	0.181	0.115	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	376500	1882.5	1	1	21.8	21.2	0.694	0.797	0.371	0.426	21.0	0.663	0.354	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	376500	1882.5	108	54	21.8	21.3	0.630	0.707	0.341	0.383	21.0	0.588	0.318	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	376500	1882.5	1	1	21.8	21.2	0.783	0.899	0.401	0.460	21.0	0.748	0.383	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	376500	1882.5	108	54	21.8	21.3	0.718	0.806	0.367	0.412	21.0	0.670	0.343	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	376500	1882.5	1	1	21.8	21.2	0.302	0.347	0.154	0.177	21.0	0.288	0.147	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	376500	1882.5	108	54	21.8	21.3	0.380	0.426	0.190	0.213	21.0	0.355	0.177	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	376500	1882.5	1	1	21.8	21.2	0.786	0.902	0.406	0.466	21.0	0.751	0.388	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	376500	1882.5	108	54	21.8	21.3	0.801	0.899	0.405	0.454	21.0	0.748	0.378	

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										Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power (dBm)	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power (dBm)	1-g Scaled (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	1	19.6	18.3	0.345	0.465	0.191	0.258	18.8	0.387	0.214	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	376500	1882.5	108	54	19.6	18.5	0.346	0.446	0.195	0.251	18.8	0.371	0.209	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	376500	1882.5	1	1	19.6	18.3	0.234	0.316	0.124	0.167	18.8	0.263	0.139	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	376500	1882.5	108	54	19.6	18.5	0.249	0.321	0.133	0.171	18.8	0.267	0.143	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	376500	1882.5	1	1	19.6	18.3	0.157	0.212	0.089	0.120	18.8	0.176	0.100	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	376500	1882.5	108	54	19.6	18.5	0.171	0.220	0.098	0.126	18.8	0.183	0.105	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	376500	1882.5	1	1	19.6	18.3	0.093	0.125	0.054	0.073	18.8	0.104	0.061	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	376500	1882.5	108	54	19.6	18.5	0.108	0.139	0.063	0.081	18.8	0.116	0.068	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	376500	1882.5	1	1	21.7	20.1	0.285	0.412	0.145	0.210	20.9	0.343	0.174	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	376500	1882.5	108	54	21.7	20.2	0.327	0.462	0.164	0.232	20.9	0.384	0.193	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	376500	1882.5	1	1	21.7	20.1	0.284	0.411	0.143	0.207	20.9	0.341	0.172	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	376500	1882.5	108	54	21.7	20.2	0.299	0.422	0.150	0.212	20.9	0.351	0.176	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	376500	1882.5	1	1	21.7	20.1	0.151	0.218	0.076	0.110	20.9	0.182	0.091	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	376500	1882.5	108	54	21.7	20.2	0.150	0.212	0.079	0.112	20.9	0.176	0.093	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	376500	1882.5	1	1	21.7	20.1	0.518	0.749	0.254	0.367	20.9	0.623	0.305	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	376500	1882.5	108	54	21.7	20.2	0.598	0.845	0.291	0.411	20.9	0.703	0.342	

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10.25. NR Band n26 (20MHz Bandwidth)

										Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power (dBm)	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power (dBm)	1-g Scaled (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	1	25.7	25.1	0.178	0.204	0.143	0.164	25.7	0.204	0.164	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	166300	831.5	50	28	25.7	25.3	0.207	0.227	0.166	0.182	25.7	0.227	0.182	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	166300	831.5	1	1	25.7	25.1	0.106	0.122	0.086	0.099	25.7	0.122	0.099	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	166300	831.5	50	28	25.7	25.3	0.117	0.128	0.094	0.103	25.7	0.128	0.103	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	166300	831.5	1	1	25.7	25.1	0.178	0.204	0.142	0.163	25.7	0.204	0.163	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	166300	831.5	50	28	25.7	25.3	0.260	0.285	0.206	0.226	25.7	0.285	0.226	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	166300	831.5	1	1	25.7	25.1	0.113	0.130	0.088	0.101	25.7	0.130	0.101	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	166300	831.5	50	28	25.7	25.3	0.151	0.166	0.115	0.126	25.7	0.166	0.126	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	166300	831.5	1	1	25.7	25.1	0.409	0.470	0.228	0.262	25.7	0.470	0.262	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	166300	831.5	50	28	25.7	25.3	0.449	0.492	0.250	0.274	25.7	0.492	0.274	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	166300	831.5	1	1	25.7	25.1	0.228	0.262	0.129	0.148	25.7	0.262	0.148	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	166300	831.5	50	28	25.7	25.3	0.308	0.338	0.175	0.192	25.7	0.338	0.192	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	166300	831.5	1	1	25.7	25.1	0.506	0.581	0.336	0.386	25.7	0.581	0.386	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	166300	831.5	50	28	25.7	25.3	0.665	**0.729**	0.444	0.487	25.7	**0.729**	0.487	70
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	166300	831.5	1	1	25.7	25.1	0.372	0.427	0.169	0.194	25.7	0.427	0.194	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	166300	831.5	50	28	25.7	25.3	0.523	0.573	0.239	0.262	25.7	0.573	0.262	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	166300	831.5	1	1	25.7	25.1	0.190	0.218	0.126	0.145	25.7	0.218	0.145	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	166300	831.5	50	28	25.7	25.3	0.260	0.285	0.171	0.187	25.7	0.285	0.187	

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										Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power (dBm)	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power (dBm)	1-g Scaled (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	104	23.5	22.5	0.888	**1.118**	0.531	0.668	22.7	**0.930**	0.556	71
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	166300	831.5	50	28	23.5	22.5	0.866	1.090	0.508	0.640	22.7	0.907	0.532	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	166300	831.5	1	104	23.5	22.5	0.717	0.903	0.393	0.495	22.7	0.751	0.412	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	166300	831.5	50	28	23.5	22.5	0.626	0.788	0.342	0.431	22.7	0.656	0.358	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	166300	831.5	1	104	23.5	22.5	0.864	1.088	0.490	0.617	22.7	0.905	0.513	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	166300	831.5	50	28	23.5	22.5	0.819	1.031	0.468	0.589	22.7	0.858	0.490	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	166300	831.5	1	104	23.5	22.5	0.609	0.767	0.321	0.404	22.7	0.638	0.336	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	166300	831.5	50	28	23.5	22.5	0.554	0.697	0.289	0.364	22.7	0.580	0.303	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	166300	831.5	1	1	24.7	23.7	0.552	0.695	0.331	0.417	24.7	0.695	0.417	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	166300	831.5	50	28	24.7	23.9	0.644	**0.781**	0.384	0.466	24.7	**0.781**	0.466	72
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	166300	831.5	1	1	24.7	23.7	0.539	0.679	0.307	0.386	24.7	0.679	0.386	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	166300	831.5	50	28	24.7	23.9	0.600	0.728	0.344	0.417	24.7	0.728	0.417	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	166300	831.5	1	1	24.7	23.7	0.372	0.468	0.186	0.234	24.7	0.468	0.234	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	166300	831.5	50	28	24.7	23.9	0.436	0.529	0.212	0.257	24.7	0.529	0.257	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	166300	831.5	1	1	24.7	23.7	0.160	0.201	0.107	0.135	24.7	0.201	0.135	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	166300	831.5	50	28	24.7	23.9	0.197	0.239	0.132	0.160	24.7	0.239	0.160	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	166300	831.5	1	1	24.7	23.7	0.106	0.133	0.055	0.069	24.7	0.133	0.069	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	166300	831.5	50	28	24.7	23.9	0.128	0.155	0.067	0.081	24.7	0.155	0.081	

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10.26. NR Band n30 (10MHz Bandwidth)

										Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power (dBm)	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	462000	2310.0	1	1	25.7	24.8	0.274	0.337	0.156	0.192	25.7	0.337	0.192	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	462000	2310.0	25	14	25.7	25.0	0.300	0.352	0.170	0.200	25.7	0.352	0.200	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	462000	2310.0	1	1	25.7	24.8	0.238	0.293	0.125	0.154	25.7	0.293	0.154	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	462000	2310.0	25	14	25.7	25.0	0.256	0.301	0.135	0.159	25.7	0.301	0.159	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	462000	2310.0	1	1	25.7	24.8	0.501	0.616	0.283	0.348	25.7	0.616	0.348	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	462000	2310.0	25	14	25.7	25.0	0.575	0.676	0.323	0.379	25.7	0.676	0.379	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	462000	2310.0	1	1	25.7	24.8	0.156	0.192	0.088	0.108	25.7	0.192	0.108	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	462000	2310.0	25	14	25.7	25.0	0.196	0.230	0.110	0.129	25.7	0.230	0.129	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	462000	2310.0	1	1	22.9	21.8	0.838	1.080	0.408	0.526	22.1	0.898	0.437	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	462000	2310.0	25	14	22.9	21.9	0.859	1.081	0.419	0.527	22.1	0.899	0.439	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	462000	2310.0	1	1	22.9	21.8	0.584	0.752	0.275	0.354	22.1	0.626	0.295	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	462000	2310.0	25	14	22.9	21.9	0.550	0.692	0.258	0.325	22.1	0.576	0.270	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	462000	2310.0	1	1	22.9	21.8	0.756	0.974	0.333	0.429	22.1	0.810	0.357	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	462000	2310.0	25	14	22.9	21.9	0.844	**1.063**	0.375	0.472	22.1	**0.884**	0.393	73
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	462000	2310.0	1	1	22.9	21.8	0.285	0.367	0.133	0.171	22.1	0.305	0.143	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	462000	2310.0	25	14	22.9	21.9	0.362	0.456	0.167	0.210	22.1	0.379	0.175	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	462000	2310.0	1	1	22.9	21.8	0.038	0.049	0.019	0.024	22.1	0.041	0.020	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	462000	2310.0	25	14	22.9	21.9	0.055	0.069	0.028	0.035	22.1	0.058	0.029	

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										Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power (dBm)	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	462000	2310.0	1	50	20.4	18.7	0.330	0.488	0.133	0.197	19.6	0.406	0.164	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	462000	2310.0	25	14	20.4	18.7	0.347	0.513	0.142	0.210	19.6	0.427	0.175	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	462000	2310.0	1	50	20.4	18.7	0.291	0.430	0.116	0.172	19.6	0.358	0.143	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	462000	2310.0	25	14	20.4	18.7	0.301	0.445	0.120	0.177	19.6	0.370	0.148	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	462000	2310.0	1	50	20.4	18.7	0.516	0.763	0.205	0.303	19.6	0.635	0.252	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	462000	2310.0	25	14	20.4	18.7	0.550	0.814	0.228	0.337	19.6	0.677	0.281	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	462000	2310.0	1	50	20.4	18.7	0.391	0.578	0.148	0.219	19.6	0.481	0.182	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	462000	2310.0	25	14	20.4	18.7	0.403	0.596	0.152	0.225	19.6	0.496	0.187	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	462000	2310.0	1	1	19.2	17.5	0.450	0.666	0.204	0.302	18.4	0.554	0.251	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	462000	2310.0	25	14	19.2	17.5	0.457	0.676	0.207	0.306	18.4	0.562	0.255	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	462000	2310.0	1	1	19.2	17.5	0.180	0.266	0.076	0.112	18.4	0.221	0.094	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	462000	2310.0	25	14	19.2	17.5	0.182	0.269	0.078	0.115	18.4	0.224	0.096	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	462000	2310.0	1	1	19.2	17.5	0.100	0.148	0.036	0.053	18.4	0.123	0.044	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	462000	2310.0	25	14	19.2	17.5	0.114	0.169	0.047	0.070	18.4	0.140	0.058	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	462000	2310.0	1	1	19.2	17.5	0.012	0.018	0.006	0.009	18.4	0.015	0.007	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	462000	2310.0	25	14	19.2	17.5	0.012	0.018	0.006	0.009	18.4	0.015	0.007	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	462000	2310.0	1	1	19.2	17.5	0.198	0.293	0.099	0.146	18.4	0.244	0.122	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	462000	2310.0	25	14	19.2	17.5	0.204	0.302	0.102	0.151	18.4	0.251	0.125	

										Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power (dBm)	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	462000	2310.0	1	1	24.0	22.9	0.327	0.421	0.192	0.247	23.2	0.350	0.206	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	462000	2310.0	25	14	24.0	23.0	0.321	0.404	0.189	0.238	23.2	0.336	0.198	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	462000	2310.0	1	1	24.0	22.9	0.180	0.232	0.094	0.121	23.2	0.193	0.101	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	462000	2310.0	25	14	24.0	23.0	0.179	0.225	0.092	0.116	23.2	0.187	0.096	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	462000	2310.0	1	1	24.0	22.9	0.213	0.274	0.124	0.160	23.2	0.228	0.133	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	462000	2310.0	25	14	24.0	23.0	0.176	0.222	0.102	0.128	23.2	0.184	0.107	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	462000	2310.0	1	1	24.0	22.9	0.272	0.350	0.139	0.179	23.2	0.291	0.149	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	462000	2310.0	25	14	24.0	23.0	0.253	0.319	0.123	0.155	23.2	0.265	0.129	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	462000	2310.0	1	1	22.3	21.5	0.965	**1.160**	0.472	0.567	21.5	**0.965**	0.472	74
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	462000	2310.0	25	14	22.3	21.6	0.898	1.055	0.439	0.516	21.5	0.878	0.429	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	462000	2310.0	1	1	22.3	21.5	0.802	0.964	0.417	0.501	21.5	0.802	0.417	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	462000	2310.0	25	14	22.3	21.6	0.773	0.908	0.401	0.471	21.5	0.755	0.392	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	462000	2310.0	1	1	22.3	21.5	0.366	0.440	0.190	0.228	21.5	0.366	0.190	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	462000	2310.0	25	14	22.3	21.6	0.348	0.409	0.180	0.211	21.5	0.340	0.176	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	462000	2310.0	1	1	22.3	21.5	0.737	0.886	0.367	0.441	21.5	0.737	0.367	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	462000	2310.0	25	14	22.3	21.6	0.724	0.851	0.360	0.423	21.5	0.708	0.352	

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										Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power (dBm)	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	462000	2310.0	1	50	20.4	20.1	0.815	0.873	0.421	0.451	19.6	0.726	0.375	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	462000	2310.0	25	14	20.4	20.1	0.934	**1.001**	0.481	0.515	19.6	**0.832**	0.429	75
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	462000	2310.0	1	50	20.4	20.1	0.462	0.495	0.222	0.238	19.6	0.412	0.198	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	462000	2310.0	25	14	20.4	20.1	0.495	0.530	0.240	0.257	19.6	0.441	0.214	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	462000	2310.0	1	50	20.4	20.1	0.326	0.349	0.177	0.190	19.6	0.291	0.158	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	462000	2310.0	25	14	20.4	20.1	0.310	0.332	0.169	0.181	19.6	0.276	0.151	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	462000	2310.0	1	50	20.4	20.1	0.165	0.177	0.091	0.098	19.6	0.147	0.081	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	462000	2310.0	25	14	20.4	20.1	0.166	0.178	0.092	0.099	19.6	0.148	0.082	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	462000	2310.0	1	50	19.9	18.5	0.350	0.483	0.172	0.237	19.1	0.402	0.197	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	462000	2310.0	25	14	19.9	18.6	0.342	0.461	0.168	0.227	19.1	0.384	0.188	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	462000	2310.0	1	50	19.9	18.5	0.260	0.359	0.139	0.192	19.1	0.299	0.160	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	462000	2310.0	25	14	19.9	18.6	0.256	0.345	0.136	0.183	19.1	0.287	0.153	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	462000	2310.0	1	50	19.9	18.5	0.097	0.134	0.041	0.057	19.1	0.111	0.047	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	462000	2310.0	25	14	19.9	18.6	0.083	0.112	0.036	0.049	19.1	0.093	0.040	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	462000	2310.0	1	50	19.9	18.5	0.692	0.955	0.329	0.454	19.1	0.795	0.378	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	462000	2310.0	25	14	19.9	18.6	0.714	0.963	0.340	0.459	19.1	0.801	0.381	

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10.27. NR Band n41 PC3 (100MHz Bandwidth)

										Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power (dBm)	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	518598	2593.0	1	271	25.7	25.3	0.276	0.303	0.132	0.145	25.7	0.303	0.145	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	518598	2593.0	135	69	25.7	25.4	0.174	0.186	0.093	0.100	25.7	0.186	0.100	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	518598	2593.0	1	271	25.7	25.3	0.212	0.232	0.113	0.124	25.7	0.232	0.124	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	518598	2593.0	135	69	25.7	25.4	0.188	0.201	0.103	0.110	25.7	0.201	0.110	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	518598	2593.0	1	271	25.7	25.3	0.341	0.374	0.185	0.203	25.7	0.374	0.203	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	518598	2593.0	135	69	25.7	25.4	0.338	0.362	0.186	0.199	25.7	0.362	0.199	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	518598	2593.0	1	271	25.7	25.3	0.163	0.179	0.084	0.092	25.7	0.179	0.092	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	518598	2593.0	135	69	25.7	25.4	0.147	0.158	0.078	0.084	25.7	0.158	0.084	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	518598	2593.0	1	271	21.9	20.5	0.516	0.712	0.245	0.338	21.1	0.592	0.281	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	518598	2593.0	135	69	21.9	20.6	0.601	0.811	0.279	0.376	21.1	0.674	0.313	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	518598	2593.0	1	271	21.9	20.5	0.542	0.748	0.234	0.323	21.1	0.622	0.269	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	518598	2593.0	135	69	21.9	20.6	0.690	**0.931**	0.292	0.394	21.1	**0.774**	0.328	76
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	518598	2593.0	1	271	21.9	20.5	0.710	0.980	0.303	0.418	21.1	0.815	0.348	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	518598	2593.0	135	69	21.9	20.6	0.619	0.835	0.265	0.357	21.1	0.695	0.297	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	518598	2593.0	1	271	21.9	20.5	0.808	1.115	0.334	0.461	21.1	0.928	0.383	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	518598	2593.0	135	69	21.9	20.6	0.881	**1.188**	0.374	0.505	21.1	**0.988**	0.420	77
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	518598	2593.0	1	271	21.9	20.5	0.024	0.033	0.011	0.015	21.1	0.028	0.013	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	518598	2593.0	135	69	21.9	20.6	0.030	0.040	0.013	0.018	21.1	0.034	0.015	

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										Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power (dBm)	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	518598	2593.0	1	271	18.3	17.4	0.673	0.828	0.231	0.284	17.5	0.689	0.236	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	518598	2593.0	135	69	18.3	17.2	0.768	0.989	0.268	0.345	17.5	0.823	0.287	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	518598	2593.0	1	271	18.3	17.4	0.568	0.699	0.191	0.235	17.5	0.581	0.195	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	518598	2593.0	135	69	18.3	17.2	0.721	0.929	0.249	0.321	17.5	0.773	0.267	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	518598	2593.0	1	271	18.3	17.4	0.500	0.615	0.193	0.237	17.5	0.512	0.197	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	518598	2593.0	135	69	18.3	17.2	0.622	0.801	0.254	0.327	17.5	0.666	0.272	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	518598	2593.0	1	271	18.3	17.4	0.426	0.524	0.159	0.196	17.5	0.436	0.163	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	518598	2593.0	135	69	18.3	17.2	0.515	0.663	0.201	0.259	17.5	0.552	0.215	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	518598	2593.0	1	271	19.2	17.8	0.475	0.656	0.196	0.271	18.4	0.545	0.225	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	518598	2593.0	135	69	19.2	17.6	0.465	0.672	0.189	0.273	18.4	0.559	0.227	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	518598	2593.0	1	271	19.2	17.8	0.366	0.505	0.143	0.197	18.4	0.420	0.164	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	518598	2593.0	135	69	19.2	17.6	0.481	0.695	0.194	0.280	18.4	0.578	0.233	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	518598	2593.0	1	271	19.2	17.8	0.336	0.464	0.114	0.157	18.4	0.386	0.131	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	518598	2593.0	135	69	19.2	17.6	0.409	0.591	0.141	0.204	18.4	0.492	0.170	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	518598	2593.0	1	271	19.2	17.8	0.017	0.023	0.008	0.011	18.4	0.020	0.009	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	518598	2593.0	135	69	19.2	17.6	0.019	0.027	0.008	0.012	18.4	0.023	0.010	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	518598	2593.0	1	271	19.2	17.8	0.186	0.257	0.081	0.112	18.4	0.214	0.093	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	518598	2593.0	135	69	19.2	17.6	0.242	0.350	0.107	0.155	18.4	0.291	0.129	

										Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power (dBm)	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	518598	2593.0	1	271	25.3	24.4	0.615	0.757	0.335	0.412	24.5	0.629	0.343	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	518598	2593.0	135	69	25.3	24.3	0.579	0.729	0.320	0.403	24.5	0.606	0.335	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	518598	2593.0	1	271	25.3	24.4	0.191	0.235	0.103	0.127	24.5	0.195	0.105	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	518598	2593.0	135	69	25.3	24.3	0.194	0.244	0.104	0.131	24.5	0.203	0.109	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	518598	2593.0	1	271	25.3	24.4	0.255	0.314	0.149	0.183	24.5	0.261	0.152	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	518598	2593.0	135	69	25.3	24.3	0.263	0.331	0.154	0.194	24.5	0.275	0.161	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	518598	2593.0	1	271	25.3	24.4	0.268	0.330	0.144	0.177	24.5	0.274	0.147	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	518598	2593.0	135	69	25.3	24.3	0.269	0.339	0.146	0.184	24.5	0.282	0.153	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	518598	2593.0	1	271	21.4	20.4	0.599	0.754	0.294	0.370	20.6	0.627	0.308	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	518598	2593.0	135	69	21.4	20.4	0.561	0.706	0.290	0.365	20.6	0.587	0.304	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	518598	2593.0	1	271	21.4	20.4	0.462	0.582	0.241	0.303	20.6	0.484	0.252	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	518598	2593.0	135	69	21.4	20.4	0.552	0.695	0.280	0.352	20.6	0.578	0.293	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	518598	2593.0	1	271	21.4	20.4	0.109	0.137	0.052	0.065	20.6	0.114	0.054	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	518598	2593.0	135	69	21.4	20.4	0.097	0.122	0.048	0.060	20.6	0.102	0.050	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	518598	2593.0	1	271	21.4	20.4	0.917	1.154	0.406	0.511	20.6	0.960	0.425	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	518598	2593.0	135	69	21.4	20.4	0.880	1.108	0.393	0.495	20.6	0.921	0.412	

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										Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power (dBm)	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	518598	2593.0	1	271	22.4	20.4	0.703	**1.114**	0.315	0.499	21.6	**0.927**	0.415	78
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	518598	2593.0	135	69	22.4	20.4	0.668	1.059	0.306	0.485	21.6	0.881	0.403	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	518598	2593.0	1	271	22.4	20.4	0.359	0.569	0.173	0.274	21.6	0.473	0.228	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	518598	2593.0	135	69	22.4	20.4	0.354	0.561	0.168	0.266	21.6	0.467	0.221	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	518598	2593.0	1	271	22.4	20.4	0.262	0.415	0.135	0.214	21.6	0.345	0.178	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	518598	2593.0	135	69	22.4	20.4	0.309	0.490	0.162	0.257	21.6	0.407	0.214	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	518598	2593.0	1	271	22.4	20.4	0.079	0.125	0.042	0.067	21.6	0.104	0.055	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	518598	2593.0	135	69	22.4	20.4	0.116	0.184	0.064	0.101	21.6	0.153	0.084	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	518598	2593.0	1	1	22.7	20.7	0.505	0.800	0.224	0.355	21.9	0.666	0.295	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	518598	2593.0	135	69	22.7	20.7	0.508	0.805	0.224	0.355	21.9	0.670	0.295	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	518598	2593.0	1	1	22.7	20.7	0.362	0.574	0.174	0.276	21.9	0.477	0.229	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	518598	2593.0	135	69	22.7	20.7	0.315	0.499	0.150	0.238	21.9	0.415	0.198	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	518598	2593.0	1	1	22.7	20.7	0.098	0.155	0.043	0.068	21.9	0.129	0.057	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	518598	2593.0	135	69	22.7	20.7	0.115	0.182	0.049	0.078	21.9	0.152	0.065	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	518598	2593.0	1	1	22.7	20.7	0.523	0.829	0.234	0.371	21.9	0.689	0.308	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	518598	2593.0	135	69	22.7	20.7	0.736	1.166	0.333	0.528	21.9	0.970	0.439	

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10.28. NR Band n41 PC2 (100MHz Bandwidth)

From May 2017 TCB Workshop, SAR tested were performed using Power Class 3. SAR test for Power Class 2 is tested using the highest SAR test configuration in Power Class 3 for each 5G NR (FR1) configuration and exposure condition combination. According to the highest time averaged power for UL-DL configurations, configuration # 1 with duty cycle 50% 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	Exposure	PC2			PC3				PC2 Scale	Lin. Scaled	Testing Required?
		Duty Cycle	Max Power	Frame Avg.	Duty Cycle	Max Power	Frame Avg.	SAR			
ANT 1	Head	50.0%	28.7	370.66	100.0%	25.7	371.54	0.374	0.373	-0.2%	No
ANT 1	Body & Hotspot	50.0%	21.9	77.44	100.0%	21.9	154.88	0.931	0.465	-50.0%	No
ANT 1	Hotspot	50.0%	21.9	77.44	100.0%	21.9	154.88	1.188	0.594	-50.0%	No
ANT 1	Extremity Held-to-Head	50.0%	28.7	370.66	100.0%	25.7	371.54	1.546	1.542	-0.3%	No
Antenna	Exposure	PC2			PC3				PC2 Scale	Lin. Scaled	Testing Required?
		Duty Cycle	Max Power	Frame Avg.	Duty Cycle	Max Power	Frame Avg.	SAR			
ANT 2	Head	50.0%	18.3	33.8	100.0%	18.3	67.83	0.989	0.493	-50.2%	No
ANT 2	Body & Hotspot	50.0%	19.2	41.59	100.0%	19.2	83.45	0.695	0.347	-50.1%	No
ANT 2	Hotspot	50.0%	19.2	41.59	100.0%	19.2	83.45	0.591	0.295	-50.1%	No
Antenna	Exposure	PC2			PC3				PC2 Scale	Lin. Scaled	Testing Required?
		Duty Cycle	Max Power	Frame Avg.	Duty Cycle	Max Power	Frame Avg.	SAR			
ANT 3	Head	50.0%	25.3	169.42	100.0%	25.3	235.18	0.757	0.545	-28.0%	No
ANT 3	Body & Hotspot	50.0%	21.4	69.02	100.0%	21.4	138.49	0.754	0.376	-50.1%	No
ANT 3	Hotspot	50.0%	21.4	69.02	100.0%	21.4	138.49	1.154	0.575	-50.2%	No
ANT 3	Extremity Held-to-Head	50.0%	25.3	169.42	100.0%	25.3	235.18	1.784	1.285	-28.0%	No
Antenna	Exposure	PC2			PC3				PC2 Scale	Lin. Scaled	Testing Required?
		Duty Cycle	Max Power	Frame Avg.	Duty Cycle	Max Power	Frame Avg.	SAR			
ANT 4	Head	50.0%	22.4	86.89	100.0%	22.4	155.38	1.114	0.623	-44.1%	No
ANT 4	Body & Hotspot	50.0%	22.7	93.1	100.0%	22.7	186.81	0.805	0.401	-50.2%	No
ANT 4	Hotspot	50.0%	22.7	93.1	100.0%	22.7	186.81	1.166	0.581	-50.2%	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%.

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10.29. NR Band n48 (100MHz Bandwidth)

										Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power (dBm)	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	642890	3643.4	1	1	25.3	23.7	0.121	0.175	0.056	0.081	24.5	0.145	0.067	
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	642890	3643.4	50	28	25.3	23.7	0.106	0.153	0.048	0.069	24.5	0.127	0.058	
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	642890	3643.4	1	1	25.3	23.7	0.086	0.124	0.034	0.049	24.5	0.103	0.041	
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	642890	3643.4	50	28	25.3	23.7	0.077	0.111	0.030	0.043	24.5	0.093	0.036	
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	642890	3643.4	1	1	25.3	23.7	0.155	0.224	0.070	0.101	24.5	0.186	0.084	
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	642890	3643.4	50	28	25.3	23.7	0.150	0.217	0.067	0.097	24.5	0.180	0.081	
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	642890	3643.4	1	1	25.3	23.7	0.061	0.088	0.026	0.038	24.5	0.073	0.031	
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	642890	3643.4	50	28	25.3	23.7	0.058	0.084	0.025	0.036	24.5	0.070	0.030	
ANT 7	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	642890	3643.4	1	104	22.0	20.9	0.504	0.649	0.178	0.229	21.2	0.540	0.191	
ANT 7	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	642890	3643.4	50	28	22.0	20.9	0.594	0.765	0.211	0.272	21.2	0.636	0.226	
ANT 7	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	642890	3643.4	1	104	22.0	20.9	0.336	0.433	0.125	0.161	21.2	0.360	0.134	
ANT 7	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	642890	3643.4	50	28	22.0	20.9	0.350	0.451	0.131	0.169	21.2	0.375	0.140	
ANT 7	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	642890	3643.4	1	104	22.0	20.9	0.689	0.888	0.242	0.312	21.2	0.738	0.259	
ANT 7	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	642890	3643.4	50	28	22.0	20.9	0.825	1.063	0.288	0.371	21.2	0.884	0.309	
ANT 7	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	642890	3643.4	1	104	22.0	20.9	0.188	0.242	0.056	0.072	21.2	0.201	0.060	
ANT 7	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	642890	3643.4	50	28	22.0	20.9	0.191	0.246	0.057	0.073	21.2	0.205	0.061	

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										Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power (dBm)	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	642890	3643.4	1	1	24.5	22.7	0.639	0.967	0.210	0.318	23.7	0.804	0.264	
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	642890	3643.4	50	28	24.5	22.7	0.646	0.978	0.212	0.321	23.7	0.813	0.267	
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	642890	3643.4	1	1	24.5	22.7	0.717	1.085	0.223	0.338	23.7	0.903	0.281	
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	642890	3643.4	50	28	24.5	22.7	0.715	1.082	0.218	0.330	23.7	0.900	0.274	
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	642890	3643.4	1	1	24.5	22.7	0.607	0.919	0.211	0.319	23.7	0.764	0.266	
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	642890	3643.4	50	28	24.5	22.7	0.656	0.993	0.233	0.353	23.7	0.826	0.293	
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	642890	3643.4	1	1	24.5	22.7	0.725	1.097	0.247	0.374	23.7	0.913	0.311	
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	642890	3643.4	50	28	24.5	22.7	0.786	**1.190**	0.292	0.442	23.7	0.990	0.368	79
ANT 8	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	642890	3643.4	1	104	20.3	18.9	0.744	1.027	0.292	0.403	19.5	0.854	0.335	
ANT 8	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	642890	3643.4	50	28	20.3	18.9	0.784	**1.082**	0.306	0.422	19.5	**0.900**	0.351	80
ANT 8	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	642890	3643.4	1	104	20.3	18.9	0.103	0.142	0.035	0.048	19.5	0.118	0.040	
ANT 8	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	642890	3643.4	50	28	20.3	18.9	0.115	0.159	0.039	0.054	19.5	0.132	0.045	
ANT 8	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	642890	3643.4	1	104	20.3	18.9	0.163	0.225	0.063	0.087	19.5	0.187	0.072	
ANT 8	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	642890	3643.4	50	28	20.3	18.9	0.186	0.257	0.073	0.101	19.5	0.214	0.084	
ANT 8	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	642890	3643.4	1	104	20.3	18.9	0.175	0.242	0.072	0.099	19.5	0.201	0.083	
ANT 8	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	642890	3643.4	50	28	20.3	18.9	0.186	0.257	0.076	0.105	19.5	0.214	0.087	

										Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power (dBm)	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	642890	3643.4	1	104	22.2	22.1	0.358	0.366	0.156	0.160	21.4	0.305	0.133	
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	642890	3643.4	50	28	22.2	22.2	0.332	0.332	0.145	0.145	21.4	0.276	0.121	
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	642890	3643.4	1	104	22.2	22.1	0.100	0.102	0.044	0.045	21.4	0.085	0.037	
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	642890	3643.4	50	28	22.2	22.2	0.091	0.091	0.040	0.040	21.4	0.076	0.033	
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	642890	3643.4	1	104	22.2	22.1	0.188	0.192	0.085	0.087	21.4	0.160	0.072	
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	642890	3643.4	50	28	22.2	22.2	0.182	0.182	0.082	0.082	21.4	0.151	0.068	
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	642890	3643.4	1	104	22.2	22.1	0.159	0.163	0.069	0.071	21.4	0.135	0.059	
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	642890	3643.4	50	28	22.2	22.2	0.146	0.146	0.064	0.064	21.4	0.121	0.053	
ANT 9	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	642890	3643.4	1	104	19.5	19.4	0.597	0.611	0.243	0.249	18.7	0.508	0.207	
ANT 9	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	642890	3643.4	50	28	19.5	19.4	0.647	0.662	0.263	0.269	18.7	0.551	0.224	
ANT 9	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	642890	3643.4	1	104	19.5	19.4	0.489	0.500	0.189	0.193	18.7	0.416	0.161	
ANT 9	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	642890	3643.4	50	28	19.5	19.4	0.489	0.500	0.189	0.193	18.7	0.416	0.161	
ANT 9	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	642890	3643.4	1	104	19.5	19.4	0.248	0.254	0.106	0.108	18.7	0.211	0.090	
ANT 9	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	642890	3643.4	50	28	19.5	19.4	0.262	0.268	0.111	0.114	18.7	0.223	0.094	
ANT 9	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	642890	3643.4	1	104	19.5	19.4	1.140	1.167	0.432	0.442	18.7	0.970	0.368	
ANT 9	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	642890	3643.4	50	28	19.5	19.4	1.150	**1.177**	0.436	0.446	18.7	0.979	0.371	81

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										Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power (dBm)	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	642890	3643.4	1	1	18.5	17.9	0.995	1.142	0.370	0.425	17.7	0.950	0.353	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	642890	3643.4	50	28	18.5	17.9	1.000	1.148	0.373	0.428	17.7	0.955	0.356	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	642890	3643.4	1	1	18.5	17.9	0.395	0.454	0.155	0.178	17.7	0.377	0.148	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	642890	3643.4	50	28	18.5	17.9	0.356	0.409	0.140	0.161	17.7	0.340	0.134	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	642890	3643.4	1	1	18.5	17.9	0.162	0.186	0.077	0.088	17.7	0.155	0.074	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	642890	3643.4	50	28	18.5	17.9	0.157	0.180	0.076	0.087	17.7	0.150	0.073	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	642890	3643.4	1	1	18.5	17.9	0.131	0.150	0.051	0.059	17.7	0.125	0.049	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	642890	3643.4	50	28	18.5	17.9	0.129	0.148	0.049	0.056	17.7	0.123	0.047	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	642890	3643.4	1	1	20.4	19.0	0.408	0.563	0.157	0.217	19.6	0.468	0.180	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	642890	3643.4	50	28	20.4	19.0	0.434	0.599	0.164	0.226	19.6	0.498	0.188	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	642890	3643.4	1	1	20.4	19.0	0.404	0.558	0.152	0.210	19.6	0.464	0.175	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	642890	3643.4	50	28	20.4	19.0	0.406	0.560	0.151	0.208	19.6	0.466	0.173	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	642890	3643.4	1	1	20.4	19.0	0.072	0.099	0.029	0.040	19.6	0.083	0.033	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	642890	3643.4	50	28	20.4	19.0	0.094	0.130	0.037	0.051	19.6	0.108	0.042	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	642890	3643.4	1	1	20.4	19.0	0.859	1.186	0.317	0.438	19.6	0.986	0.364	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	642890	3643.4	50	28	20.4	19.0	0.843	1.164	0.312	0.431	19.6	0.968	0.358	

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10.30. NR Band n53 (10MHz Bandwidth)

										Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power (dBm)	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power (dBm)	1-g Scaled (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	19.0	0.207	0.306	0.113	0.167	20.7	0.306	0.167	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	497860	2489.3	12	6	20.7	19.0	0.221	0.327	0.117	0.173	20.7	0.327	0.173	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	497860	2489.3	1	22	20.7	19.0	0.229	0.339	0.124	0.183	20.7	0.339	0.183	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	497860	2489.3	12	6	20.7	19.0	0.273	0.404	0.140	0.207	20.7	0.404	0.207	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	497860	2489.3	1	22	20.7	19.0	0.393	0.581	0.218	0.322	20.7	0.581	0.322	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	497860	2489.3	12	6	20.7	19.0	0.436	0.645	0.233	0.345	20.7	0.645	0.345	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	497860	2489.3	1	22	20.7	19.0	0.173	0.256	0.098	0.145	20.7	0.256	0.145	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	497860	2489.3	12	6	20.7	19.0	0.190	0.281	0.106	0.157	20.7	0.281	0.157	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	497860	2489.3	1	1	20.7	19.0	0.621	0.919	0.291	0.430	20.7	0.919	0.430	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	497860	2489.3	12	6	20.7	19.0	0.633	**0.936**	0.300	0.444	20.7	0.936	0.444	82
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	497860	2489.3	1	1	20.7	19.0	0.467	0.691	0.223	0.330	20.7	0.691	0.330	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	497860	2489.3	12	6	20.7	19.0	0.507	0.750	0.241	0.356	20.7	0.750	0.356	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	497860	2489.3	1	1	20.7	19.0	0.626	**0.926**	0.285	0.422	20.7	0.926	0.422	83
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	497860	2489.3	12	6	20.7	19.0	0.596	0.882	0.274	0.405	20.7	0.882	0.405	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	497860	2489.3	1	1	20.7	19.0	0.508	0.751	0.223	0.330	20.7	0.751	0.330	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	497860	2489.3	12	6	20.7	19.0	0.495	0.732	0.217	0.321	20.7	0.732	0.321	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	497860	2489.3	1	1	20.7	19.0	0.005	0.007	0.000	0.000	20.7	0.007	0.000	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	497860	2489.3	12	6	20.7	19.0	0.008	0.012	0.002	0.003	20.7	0.012	0.003	

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										Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power (dBm)	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power (dBm)	1-g Scaled (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	1	18.3	17.0	0.828	1.117	0.316	0.426	17.5	0.929	0.355	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	497860	2489.3	12	6	18.3	17.1	0.873	1.151	0.332	0.438	17.5	0.957	0.364	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	497860	2489.3	1	1	18.3	17.0	0.855	**1.153**	0.316	0.426	17.5	0.959	0.355	84
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	497860	2489.3	12	6	18.3	17.1	0.854	1.126	0.318	0.419	17.5	0.936	0.349	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	497860	2489.3	1	1	18.3	17.0	0.669	0.902	0.284	0.383	17.5	0.751	0.319	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	497860	2489.3	12	6	18.3	17.1	0.653	0.861	0.255	0.336	17.5	0.716	0.280	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	497860	2489.3	1	1	18.3	17.0	0.548	0.739	0.233	0.314	17.5	0.615	0.261	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	497860	2489.3	12	6	18.3	17.1	0.542	0.714	0.220	0.290	17.5	0.594	0.241	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	497860	2489.3	1	1	19.2	17.3	0.539	0.835	0.212	0.328	18.4	0.694	0.273	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	497860	2489.3	12	6	19.2	17.4	0.551	0.834	0.216	0.327	18.4	0.694	0.272	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	497860	2489.3	1	1	19.2	17.3	0.519	0.804	0.203	0.314	18.4	0.669	0.262	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	497860	2489.3	12	6	19.2	17.4	0.522	0.790	0.204	0.309	18.4	0.657	0.257	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	497860	2489.3	1	1	19.2	17.3	0.525	0.813	0.191	0.296	18.4	0.676	0.246	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	497860	2489.3	12	6	19.2	17.4	0.523	0.792	0.188	0.285	18.4	0.658	0.237	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	497860	2489.3	1	1	19.2	17.3	0.036	0.056	0.016	0.025	18.4	0.046	0.021	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	497860	2489.3	12	6	19.2	17.4	0.037	0.056	0.018	0.027	18.4	0.047	0.023	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	497860	2489.3	1	1	19.2	17.3	0.274	0.424	0.128	0.198	18.4	0.353	0.165	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	497860	2489.3	12	6	19.2	17.4	0.286	0.433	0.131	0.198	18.4	0.360	0.165	

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10.31. NR Band n66 (40MHz Bandwidth)

										Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power (dBm)	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	349000	1745.0	1	1	25.7	25.0	0.172	0.202	0.115	0.135	25.4	0.189	0.126	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	349000	1745.0	108	54	25.7	25.3	0.222	0.243	0.149	0.163	25.4	0.227	0.152	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	349000	1745.0	1	1	25.7	25.0	0.115	0.135	0.073	0.086	25.4	0.126	0.080	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	349000	1745.0	108	54	25.7	25.3	0.159	0.174	0.099	0.109	25.4	0.163	0.101	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	349000	1745.0	1	1	25.7	25.0	0.321	0.377	0.207	0.243	25.4	0.352	0.227	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	349000	1745.0	108	54	25.7	25.3	0.433	0.475	0.277	0.304	25.4	0.443	0.283	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	349000	1745.0	1	1	25.7	25.0	0.094	0.110	0.063	0.074	25.4	0.103	0.069	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	349000	1745.0	108	54	25.7	25.3	0.113	0.124	0.076	0.083	25.4	0.116	0.078	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	349000	1745.0	1	1	19.6	18.9	0.544	0.639	0.280	0.329	18.8	0.532	0.274	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	349000	1745.0	108	54	19.6	18.9	0.615	0.723	0.317	0.372	18.8	0.601	0.310	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	349000	1745.0	1	1	19.6	18.9	0.387	0.455	0.193	0.227	18.8	0.378	0.189	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	349000	1745.0	108	54	19.6	18.9	0.479	0.563	0.239	0.281	18.8	0.468	0.234	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	349000	1745.0	1	1	19.6	18.9	0.259	0.304	0.124	0.146	18.8	0.253	0.121	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	349000	1745.0	108	54	19.6	18.9	0.338	0.397	0.162	0.190	18.8	0.330	0.158	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	349000	1745.0	1	1	19.6	18.9	0.738	0.867	0.353	0.415	18.8	0.721	0.345	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	349000	1745.0	108	54	19.6	18.9	0.874	1.027	0.414	0.486	18.8	0.854	0.405	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	349000	1745.0	1	1	19.6	18.9	0.008	0.009	0.004	0.005	18.8	0.008	0.004	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	349000	1745.0	108	54	19.6	18.9	0.008	0.009	0.005	0.006	18.8	0.008	0.005	

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										Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power (dBm)	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	349000	1745.0	1	214	20.0	18.4	0.505	0.730	0.258	0.373	19.2	0.607	0.310	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	349000	1745.0	108	54	20.0	18.5	0.476	0.672	0.222	0.314	19.2	0.559	0.261	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	349000	1745.0	1	214	20.0	18.4	0.429	0.620	0.209	0.302	19.2	0.516	0.251	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	349000	1745.0	108	54	20.0	18.5	0.429	0.606	0.200	0.283	19.2	0.504	0.235	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	349000	1745.0	1	214	20.0	18.4	0.696	1.006	0.391	0.565	19.2	0.837	0.470	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	349000	1745.0	108	54	20.0	18.5	0.733	1.035	0.388	0.548	19.2	0.861	0.456	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	349000	1745.0	1	214	20.0	18.4	0.701	1.013	0.351	0.507	19.2	0.843	0.422	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	349000	1745.0	108	54	20.0	18.5	0.785	**1.109**	0.388	0.548	19.2	**0.922**	0.456	85
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	349000	1745.0	1	1	19.4	17.4	0.545	0.864	0.282	0.447	18.6	0.718	0.372	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	349000	1745.0	108	54	19.4	17.6	0.473	0.719	0.241	0.366	18.6	0.598	0.305	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	349000	1745.0	1	1	19.4	17.4	0.529	0.838	0.252	0.399	18.6	0.697	0.332	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	349000	1745.0	108	54	19.4	17.6	0.509	0.774	0.248	0.377	18.6	0.644	0.314	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	349000	1745.0	1	1	19.4	17.4	0.717	**1.136**	0.331	0.525	18.6	**0.945**	0.436	86
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	349000	1745.0	108	54	19.4	17.6	0.665	1.011	0.316	0.480	18.6	0.841	0.400	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	349000	1745.0	1	1	19.4	17.4	0.011	0.017	0.006	0.010	18.6	0.015	0.008	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	349000	1745.0	108	54	19.4	17.6	0.015	0.023	0.008	0.012	18.6	0.019	0.010	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	349000	1745.0	1	1	19.4	17.4	0.386	0.612	0.190	0.301	18.6	0.509	0.250	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	349000	1745.0	108	54	19.4	17.6	0.373	0.567	0.182	0.277	18.6	0.472	0.230	

										Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power (dBm)	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	349000	1745.0	1	1	24.2	23.2	0.398	0.501	0.262	0.330	23.4	0.417	0.274	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	349000	1745.0	108	54	24.2	23.1	0.441	0.568	0.287	0.370	23.4	0.473	0.308	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	349000	1745.0	1	1	24.2	23.2	0.217	0.273	0.137	0.172	23.4	0.227	0.143	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	349000	1745.0	108	54	24.2	23.1	0.228	0.294	0.142	0.183	23.4	0.244	0.152	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	349000	1745.0	1	1	24.2	23.2	0.161	0.203	0.108	0.136	23.4	0.169	0.113	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	349000	1745.0	108	54	24.2	23.1	0.177	0.228	0.122	0.157	23.4	0.190	0.131	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	349000	1745.0	1	1	24.2	23.2	0.117	0.147	0.077	0.097	23.4	0.123	0.081	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	349000	1745.0	108	54	24.2	23.1	0.135	0.174	0.088	0.113	23.4	0.145	0.094	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	349000	1745.0	1	1	22.1	21.4	0.494	0.580	0.281	0.330	21.3	0.483	0.275	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	349000	1745.0	108	54	22.1	21.6	0.621	0.697	0.353	0.396	21.3	0.580	0.329	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	349000	1745.0	1	1	22.1	21.4	0.752	**0.884**	0.424	0.498	21.3	**0.735**	0.414	87
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	349000	1745.0	108	54	22.1	21.6	0.553	0.620	0.316	0.355	21.3	0.516	0.295	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	349000	1745.0	1	1	22.1	21.4	0.141	0.166	0.060	0.070	21.3	0.138	0.059	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	349000	1745.0	108	54	22.1	21.6	0.206	0.231	0.089	0.100	21.3	0.192	0.083	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	349000	1745.0	1	1	22.1	21.4	0.815	0.958	0.420	0.493	21.3	0.796	0.410	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	349000	1745.0	108	54	22.1	21.6	0.917	1.029	0.469	0.526	21.3	0.856	0.438	

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										Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power (dBm)	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	349000	1745.0	1	214	20.0	18.4	0.734	1.061	0.364	0.526	19.2	0.882	0.438	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	349000	1745.0	108	54	20.0	18.6	0.806	1.105	0.403	0.552	19.2	0.919	0.460	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	349000	1745.0	1	214	20.0	18.4	0.322	0.465	0.165	0.238	19.2	0.387	0.198	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	349000	1745.0	108	54	20.0	18.6	0.367	0.503	0.185	0.254	19.2	0.418	0.211	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	349000	1745.0	1	214	20.0	18.4	0.180	0.260	0.105	0.152	19.2	0.216	0.126	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	349000	1745.0	108	54	20.0	18.6	0.072	0.099	0.043	0.059	19.2	0.082	0.049	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	349000	1745.0	1	214	20.0	18.4	0.146	0.211	0.084	0.121	19.2	0.176	0.101	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	349000	1745.0	108	54	20.0	18.6	0.132	0.181	0.075	0.103	19.2	0.151	0.086	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	349000	1745.0	1	1	21.8	20.4	0.399	0.551	0.218	0.301	21.0	0.480	0.262	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	349000	1745.0	108	54	21.8	20.3	0.416	0.593	0.217	0.309	21.0	0.493	0.257	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	349000	1745.0	1	1	21.8	20.4	0.345	0.476	0.179	0.247	21.0	0.415	0.215	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	349000	1745.0	108	54	21.8	20.3	0.351	0.500	0.193	0.275	21.0	0.416	0.229	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	349000	1745.0	1	1	21.8	20.4	0.321	0.443	0.148	0.204	21.0	0.386	0.178	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	349000	1745.0	108	54	21.8	20.3	0.293	0.418	0.136	0.194	21.0	0.347	0.161	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	349000	1745.0	1	1	21.8	20.4	0.637	0.879	0.322	0.444	21.0	0.766	0.387	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	349000	1745.0	108	54	21.8	20.3	0.756	1.078	0.384	0.547	21.0	0.896	0.455	

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10.32. NR Band n70 (15MHz Bandwidth)

										Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power (dBm)	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power (dBm)	1-g Scaled (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	1	25.7	24.7	0.074	0.093	0.051	0.064	25.3	0.085	0.059	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	340500	1702.5	36	22	25.7	25.2	0.062	0.070	0.044	0.049	25.3	0.063	0.045	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	340500	1702.5	1	1	25.7	24.7	0.066	0.083	0.043	0.054	25.3	0.076	0.049	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	340500	1702.5	36	22	25.7	25.2	0.069	0.077	0.045	0.050	25.3	0.071	0.046	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	340500	1702.5	1	1	25.7	24.7	0.189	0.238	0.120	0.151	25.3	0.217	0.138	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	340500	1702.5	36	22	25.7	25.2	0.224	0.251	0.147	0.165	25.3	0.229	0.150	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	340500	1702.5	1	1	25.7	24.7	0.056	0.070	0.038	0.048	25.3	0.064	0.044	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	340500	1702.5	36	22	25.7	25.2	0.059	0.066	0.041	0.046	25.3	0.060	0.042	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	340500	1702.5	1	1	19.6	18.8	0.500	0.601	0.255	0.307	18.8	0.500	0.255	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	340500	1702.5	36	22	19.6	18.8	0.570	0.685	0.292	0.351	18.8	0.570	0.292	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	340500	1702.5	1	1	19.6	18.8	0.396	0.476	0.199	0.239	18.8	0.396	0.199	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	340500	1702.5	36	22	19.6	18.8	0.423	0.509	0.212	0.255	18.8	0.423	0.212	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	340500	1702.5	1	1	19.6	18.8	0.149	0.179	0.071	0.085	18.8	0.149	0.071	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	340500	1702.5	36	22	19.6	18.8	0.191	0.230	0.090	0.108	18.8	0.191	0.090	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	340500	1702.5	1	1	19.6	18.8	0.775	0.932	0.377	0.453	18.8	0.775	0.377	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	340500	1702.5	36	22	19.6	18.8	0.892	1.072	0.432	0.519	18.8	0.892	0.432	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	340500	1702.5	1	1	19.6	18.8	0.011	0.013	0.006	0.007	18.8	0.011	0.006	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	340500	1702.5	36	22	19.6	18.8	0.013	0.016	0.007	0.008	18.8	0.013	0.007	

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										Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power (dBm)	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power (dBm)	1-g Scaled (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	20.0	18.5	0.755	1.066	0.359	0.507	19.2	0.887	0.422	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	340500	1702.5	36	22	20.0	18.5	0.846	**1.195**	0.398	0.562	19.2	**0.994**	0.468	88
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	340500	1702.5	1	1	20.0	18.5	0.680	0.961	0.322	0.455	19.2	0.799	0.378	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	340500	1702.5	36	22	20.0	18.5	0.771	1.089	0.367	0.518	19.2	0.906	0.431	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	340500	1702.5	1	1	20.0	18.5	0.680	0.961	0.363	0.513	19.2	0.799	0.426	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	340500	1702.5	36	22	20.0	18.5	0.828	1.170	0.432	0.610	19.2	0.973	0.508	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	340500	1702.5	1	1	20.0	18.5	0.687	0.970	0.340	0.480	19.2	0.807	0.399	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	340500	1702.5	36	22	20.0	18.5	0.567	0.801	0.296	0.418	19.2	0.666	0.348	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	340500	1702.5	1	1	19.4	17.4	0.562	0.891	0.284	0.450	18.6	0.741	0.374	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	340500	1702.5	36	22	19.4	17.4	0.534	0.846	0.273	0.433	18.6	0.704	0.360	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	340500	1702.5	1	1	19.4	17.4	0.545	0.864	0.257	0.407	18.6	0.718	0.339	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	340500	1702.5	36	22	19.4	17.4	0.603	**0.956**	0.283	0.449	18.6	**0.795**	0.373	89
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	340500	1702.5	1	1	19.4	17.4	0.749	**1.187**	0.346	0.548	18.6	**0.987**	0.456	90
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	340500	1702.5	36	22	19.4	17.4	0.719	1.140	0.331	0.525	18.6	0.948	0.436	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	340500	1702.5	1	1	19.4	17.4	0.006	0.010	0.003	0.005	18.6	0.008	0.004	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	340500	1702.5	36	22	19.4	17.4	0.005	0.008	0.003	0.005	18.6	0.007	0.004	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	340500	1702.5	1	1	19.4	17.4	0.247	0.391	0.123	0.195	18.6	0.326	0.162	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	340500	1702.5	36	22	19.4	17.4	0.279	0.442	0.139	0.220	18.6	0.368	0.183	

										Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power (dBm)	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power (dBm)	1-g Scaled (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	77	24.2	23.2	0.294	0.370	0.193	0.243	23.4	0.308	0.202	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	340500	1702.5	36	22	24.2	23.3	0.333	0.410	0.219	0.269	23.4	0.341	0.224	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	340500	1702.5	1	77	24.2	23.2	0.213	0.268	0.138	0.174	23.4	0.223	0.145	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	340500	1702.5	36	22	24.2	23.3	0.211	0.260	0.137	0.169	23.4	0.216	0.140	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	340500	1702.5	1	77	24.2	23.2	0.152	0.191	0.103	0.130	23.4	0.159	0.108	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	340500	1702.5	36	22	24.2	23.3	0.166	0.204	0.112	0.138	23.4	0.170	0.115	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	340500	1702.5	1	77	24.2	23.2	0.136	0.171	0.089	0.112	23.4	0.142	0.093	
ANT 3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	340500	1702.5	36	22	24.2	23.3	0.154	0.189	0.101	0.124	23.4	0.158	0.103	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	340500	1702.5	1	77	22.1	21.4	0.694	0.815	0.399	0.469	21.3	0.678	0.390	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	340500	1702.5	36	22	22.1	21.6	0.713	0.800	0.410	0.460	21.3	0.665	0.383	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	340500	1702.5	1	77	22.1	21.4	0.655	0.770	0.359	0.422	21.3	0.640	0.351	
ANT 3	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	340500	1702.5	36	22	22.1	21.6	0.640	0.718	0.349	0.392	21.3	0.597	0.326	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	340500	1702.5	1	77	22.1	21.4	0.176	0.207	0.067	0.079	21.3	0.172	0.065	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	340500	1702.5	36	22	22.1	21.6	0.238	0.267	0.088	0.099	21.3	0.222	0.082	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	340500	1702.5	1	77	22.1	21.4	0.819	0.962	0.422	0.496	21.3	0.800	0.412	
ANT 3	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	340500	1702.5	36	22	22.1	21.6	0.812	0.911	0.420	0.471	21.3	0.758	0.392	

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										Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power (dBm)	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power (dBm)	1-g Scaled (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	77	20.0	18.5	0.500	0.706	0.269	0.380	19.2	0.587	0.316	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	340500	1702.5	36	22	20.0	18.6	0.530	0.732	0.282	0.389	19.2	0.609	0.324	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	340500	1702.5	1	77	20.0	18.5	0.341	0.482	0.165	0.233	19.2	0.401	0.194	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	340500	1702.5	36	22	20.0	18.6	0.339	0.468	0.165	0.228	19.2	0.389	0.189	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	340500	1702.5	1	77	20.0	18.5	0.194	0.274	0.114	0.161	19.2	0.228	0.134	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	340500	1702.5	36	22	20.0	18.6	0.209	0.289	0.123	0.170	19.2	0.240	0.141	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	340500	1702.5	1	77	20.0	18.5	0.154	0.218	0.090	0.127	19.2	0.181	0.106	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	340500	1702.5	36	22	20.0	18.6	0.145	0.200	0.086	0.119	19.2	0.166	0.099	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	340500	1702.5	1	77	21.8	20.6	0.328	0.432	0.184	0.243	21.0	0.360	0.202	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	340500	1702.5	36	22	21.8	20.6	0.323	0.426	0.179	0.236	21.0	0.354	0.196	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	340500	1702.5	1	77	21.8	20.6	0.283	0.373	0.158	0.208	21.0	0.310	0.173	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	340500	1702.5	36	22	21.8	20.6	0.315	0.415	0.177	0.233	21.0	0.345	0.194	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	340500	1702.5	1	77	21.8	20.6	0.247	0.326	0.117	0.154	21.0	0.271	0.128	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	340500	1702.5	36	22	21.8	20.6	0.253	0.334	0.123	0.162	21.0	0.277	0.135	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	340500	1702.5	1	77	21.8	20.6	0.633	0.834	0.325	0.428	21.0	0.694	0.356	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	340500	1702.5	36	22	21.8	20.6	0.610	0.804	0.305	0.402	21.0	0.669	0.334	

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10.33. NR Band n71 (20MHz Bandwidth)

										Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power (dBm)	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power (dBm)	1-g Scaled (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	24.7	0.105	0.132	0.083	0.104	25.7	0.132	0.104	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	136100	680.5	50	28	25.7	24.9	0.135	0.162	0.106	0.127	25.7	0.162	0.127	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	136100	680.5	1	104	25.7	24.7	0.046	0.058	0.038	0.048	25.7	0.058	0.048	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	136100	680.5	50	28	25.7	24.9	0.059	0.071	0.047	0.057	25.7	0.071	0.057	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	136100	680.5	1	104	25.7	24.7	0.133	0.167	0.105	0.132	25.7	0.167	0.132	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	136100	680.5	50	28	25.7	24.9	0.171	0.206	0.134	0.161	25.7	0.206	0.161	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	136100	680.5	1	104	25.7	24.7	0.060	0.076	0.049	0.062	25.7	0.076	0.062	
ANT 1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	136100	680.5	50	28	25.7	24.9	0.072	0.087	0.058	0.070	25.7	0.087	0.070	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	136100	680.5	1	104	25.7	24.7	0.353	**0.444**	0.221	0.278	25.7	**0.444**	0.278	91
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	136100	680.5	50	28	25.7	24.9	0.345	0.415	0.217	0.261	25.7	0.415	0.261	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	136100	680.5	1	104	25.7	24.7	0.234	0.295	0.150	0.189	25.7	0.295	0.189	
ANT 1	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	136100	680.5	50	28	25.7	24.9	0.240	0.289	0.162	0.195	25.7	0.289	0.195	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	136100	680.5	1	104	25.7	24.7	0.421	0.530	0.281	0.354	25.7	0.530	0.354	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	136100	680.5	50	28	25.7	24.9	0.539	**0.648**	0.361	0.434	25.7	**0.648**	0.434	92
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	136100	680.5	1	104	25.7	24.7	0.279	0.351	0.130	0.164	25.7	0.351	0.164	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	136100	680.5	50	28	25.7	24.9	0.322	0.387	0.151	0.182	25.7	0.387	0.182	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	136100	680.5	1	104	25.7	24.7	0.167	0.210	0.111	0.140	25.7	0.210	0.140	
ANT 1	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	136100	680.5	50	28	25.7	24.9	0.227	0.273	0.152	0.183	25.7	0.273	0.183	

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										Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power	Meas. Output Power	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power	1-g Scaled (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	1	24.7	23.5	0.658	**0.867**	0.347	0.457	24.7	**0.867**	0.457	93
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	136100	680.5	50	28	24.7	23.9	0.687	0.826	0.359	0.432	24.7	0.826	0.432	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	136100	680.5	1	1	24.7	23.5	0.517	0.682	0.263	0.347	24.7	0.682	0.347	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	136100	680.5	50	28	24.7	23.9	0.549	0.660	0.275	0.331	24.7	0.660	0.331	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	136100	680.5	1	1	24.7	23.5	0.469	0.618	0.258	0.340	24.7	0.618	0.340	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	136100	680.5	50	28	24.7	23.9	0.509	0.612	0.279	0.335	24.7	0.612	0.335	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	136100	680.5	1	1	24.7	23.5	0.433	0.571	0.223	0.294	24.7	0.571	0.294	
ANT 2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	136100	680.5	50	28	24.7	23.9	0.483	0.581	0.249	0.299	24.7	0.581	0.299	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	136100	680.5	1	1	24.7	23.5	0.306	0.403	0.167	0.220	24.7	0.403	0.220	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	136100	680.5	50	28	24.7	23.9	0.355	0.427	0.197	0.237	24.7	0.427	0.237	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	136100	680.5	1	1	24.7	23.5	0.283	0.373	0.160	0.211	24.7	0.373	0.211	
ANT 2	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	136100	680.5	50	28	24.7	23.9	0.333	0.400	0.188	0.226	24.7	0.400	0.226	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	136100	680.5	1	1	24.7	23.5	0.194	0.256	0.089	0.117	24.7	0.256	0.117	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	136100	680.5	50	28	24.7	23.9	0.226	0.272	0.104	0.125	24.7	0.272	0.125	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	136100	680.5	1	1	24.7	23.5	0.083	0.109	0.058	0.076	24.7	0.109	0.076	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	136100	680.5	50	28	24.7	23.9	0.091	0.109	0.062	0.075	24.7	0.109	0.075	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	136100	680.5	1	1	24.7	23.5	0.108	0.142	0.073	0.096	24.7	0.142	0.096	
ANT 2	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	136100	680.5	50	28	24.7	23.9	0.114	0.137	0.062	0.075	24.7	0.137	0.075	

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

										Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power (dBm)	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	633334	3500.0	1	1	23.8	22.1	0.070	0.103	0.029	0.043	23.0	0.085	0.035	
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	633334	3500.0	135	69	23.8	22.2	0.052	0.075	0.020	0.029	23.0	0.063	0.024	
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	633334	3500.0	1	1	23.8	22.1	0.056	0.082	0.022	0.032	23.0	0.068	0.027	
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	633334	3500.0	135	69	23.8	22.2	0.054	0.078	0.022	0.032	23.0	0.065	0.026	
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	633334	3500.0	1	1	23.8	22.1	0.101	0.148	0.037	0.054	23.0	0.123	0.045	
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	633334	3500.0	135	69	23.8	22.2	0.061	0.088	0.020	0.029	23.0	0.073	0.024	
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	633334	3500.0	1	1	23.8	22.1	0.038	0.056	0.014	0.021	23.0	0.046	0.017	
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	633334	3500.0	135	69	23.8	22.2	0.033	0.048	0.011	0.016	23.0	0.040	0.013	
ANT 7	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	633334	3500.0	1	1	19.0	17.5	0.320	0.452	0.125	0.177	18.2	0.376	0.147	
ANT 7	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	633334	3500.0	135	69	19.0	17.5	0.292	0.416	0.109	0.155	18.2	0.346	0.129	
ANT 7	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	633334	3500.0	1	1	19.0	17.5	0.107	0.151	0.040	0.057	18.2	0.126	0.047	
ANT 7	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	633334	3500.0	135	69	19.0	17.5	0.088	0.125	0.031	0.044	18.2	0.104	0.037	
ANT 7	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	633334	3500.0	1	1	19.0	17.5	0.515	0.734	0.185	0.264	18.2	0.611	0.219	
ANT 7	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	633334	3500.0	135	69	19.0	17.5	0.412	0.587	0.149	0.212	18.2	0.489	0.177	
ANT 7	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	633334	3500.0	1	1	19.0	17.5	0.124	0.177	0.043	0.061	18.2	0.147	0.051	
ANT 7	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	633334	3500.0	135	69	19.0	17.5	0.114	0.163	0.037	0.053	18.2	0.135	0.044	

										Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power (dBm)	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	633334	3500.0	1	1	23.6	22.2	0.190	0.262	0.072	0.099	22.8	0.218	0.083	
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	633334	3500.0	135	69	23.6	22.2	0.183	0.253	0.069	0.095	22.8	0.210	0.079	
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	633334	3500.0	1	1	23.6	22.2	0.192	0.265	0.075	0.104	22.8	0.220	0.086	
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	633334	3500.0	135	69	23.6	22.2	0.210	0.290	0.084	0.116	22.8	0.241	0.096	
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	633334	3500.0	1	1	23.6	22.2	0.859	1.186	0.326	0.450	22.8	0.986	0.374	
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	633334	3500.0	135	69	23.6	22.2	0.755	1.042	0.289	0.399	22.8	0.867	0.332	
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	633334	3500.0	1	1	23.6	22.2	0.446	0.616	0.182	0.251	22.8	0.512	0.209	
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	633334	3500.0	135	69	23.6	22.2	0.425	0.587	0.179	0.247	22.8	0.488	0.206	
ANT 8	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	633334	3500.0	1	1	20.1	18.6	0.843	**1.191**	0.306	0.432	19.3	**0.990**	0.360	94
ANT 8	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	633334	3500.0	135	69	20.1	18.1	0.734	1.163	0.271	0.430	19.3	0.968	0.357	
ANT 8	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	633334	3500.0	1	1	20.1	18.6	0.126	0.178	0.048	0.068	19.3	0.148	0.056	
ANT 8	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	633334	3500.0	135	69	20.1	18.1	0.101	0.160	0.041	0.065	19.3	0.133	0.054	
ANT 8	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	633334	3500.0	1	1	20.1	18.6	0.148	0.209	0.066	0.093	19.3	0.174	0.078	
ANT 8	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	633334	3500.0	135	69	20.1	18.1	0.130	0.206	0.061	0.097	19.3	0.171	0.080	
ANT 8	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	633334	3500.0	1	1	20.1	18.6	0.232	0.328	0.097	0.137	19.3	0.273	0.114	
ANT 8	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	633334	3500.0	135	69	20.1	18.1	0.218	0.346	0.089	0.141	19.3	0.287	0.117	

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										Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power (dBm)	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	633334	3500.0	1	1	21.6	20.9	0.238	0.280	0.110	0.129	20.8	0.233	0.107	
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	633334	3500.0	135	69	21.6	21.1	0.253	0.284	0.117	0.131	20.8	0.236	0.109	
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	633334	3500.0	1	1	21.6	20.9	0.057	0.067	0.020	0.023	20.8	0.056	0.020	
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	633334	3500.0	135	69	21.6	21.1	0.065	0.073	0.022	0.025	20.8	0.061	0.021	
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	633334	3500.0	1	1	21.6	20.9	0.134	0.157	0.064	0.075	20.8	0.131	0.063	
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	633334	3500.0	135	69	21.6	21.1	0.165	0.185	0.078	0.088	20.8	0.154	0.073	
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	633334	3500.0	1	1	21.6	20.9	0.103	0.121	0.042	0.049	20.8	0.101	0.041	
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	633334	3500.0	135	69	21.6	21.1	0.109	0.122	0.045	0.050	20.8	0.102	0.042	
ANT 9	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	633334	3500.0	1	1	18.9	17.9	0.404	0.509	0.170	0.214	18.1	0.423	0.178	
ANT 9	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	633334	3500.0	135	69	18.9	18.0	0.446	0.549	0.185	0.228	18.1	0.456	0.189	
ANT 9	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	633334	3500.0	1	1	18.9	17.9	0.251	0.316	0.104	0.131	18.1	0.263	0.109	
ANT 9	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	633334	3500.0	135	69	18.9	18.0	0.268	0.330	0.109	0.134	18.1	0.274	0.112	
ANT 9	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	633334	3500.0	1	1	18.9	17.9	0.091	0.115	0.034	0.043	18.1	0.095	0.036	
ANT 9	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	633334	3500.0	135	69	18.9	18.0	0.081	0.100	0.031	0.038	18.1	0.083	0.032	
ANT 9	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	633334	3500.0	1	1	18.9	17.9	0.640	0.806	0.246	0.310	18.1	0.670	0.258	
ANT 9	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	633334	3500.0	135	69	18.9	18.0	0.612	0.753	0.234	0.288	18.1	0.626	0.239	

										Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power (dBm)	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	633334	3500.0	1	1	18.9	17.5	0.844	1.165	0.304	0.420	18.1	0.969	0.349	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	633334	3500.0	135	69	18.9	17.5	0.866	**1.195**	0.314	0.433	18.1	**0.994**	0.361	95
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	633334	3500.0	1	1	18.9	17.5	0.352	0.486	0.138	0.190	18.1	0.404	0.158	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	633334	3500.0	135	69	18.9	17.5	0.336	0.464	0.132	0.182	18.1	0.386	0.152	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	633334	3500.0	1	1	18.9	17.5	0.215	0.297	0.097	0.134	18.1	0.247	0.111	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	633334	3500.0	135	69	18.9	17.5	0.200	0.276	0.091	0.126	18.1	0.230	0.104	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	633334	3500.0	1	1	18.9	17.5	0.128	0.177	0.053	0.073	18.1	0.147	0.061	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	633334	3500.0	135	69	18.9	17.5	0.122	0.168	0.050	0.069	18.1	0.140	0.057	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	633334	3500.0	1	1	20.3	19.3	0.555	0.699	0.222	0.279	19.5	0.581	0.232	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	633334	3500.0	135	69	20.3	19.3	0.554	0.697	0.221	0.278	19.5	0.580	0.231	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	633334	3500.0	1	1	20.3	19.3	0.511	0.643	0.202	0.254	19.5	0.535	0.212	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	633334	3500.0	135	69	20.3	19.3	0.545	0.686	0.215	0.271	19.5	0.571	0.225	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	633334	3500.0	1	1	20.3	19.3	0.092	0.116	0.040	0.050	19.5	0.096	0.042	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	633334	3500.0	135	69	20.3	19.3	0.075	0.094	0.037	0.047	19.5	0.079	0.039	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	633334	3500.0	1	1	20.3	19.3	0.907	**1.142**	0.342	0.431	19.5	**0.950**	0.358	96
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	633334	3500.0	135	69	20.3	19.3	0.835	1.051	0.319	0.402	19.5	0.874	0.334	

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

										Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power (dBm)	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	657200	3858.0	1	1	23.8	22.2	0.080	0.116	0.028	0.040	23.0	0.096	0.034	
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	657200	3858.0	135	69	23.8	22.1	0.086	0.127	0.031	0.046	23.0	0.106	0.038	
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	657200	3858.0	1	1	23.8	22.2	0.066	0.095	0.023	0.033	23.0	0.079	0.028	
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	657200	3858.0	135	69	23.8	22.1	0.066	0.098	0.023	0.034	23.0	0.081	0.028	
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	657200	3858.0	1	1	23.8	22.2	0.044	0.064	0.019	0.027	23.0	0.053	0.023	
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	657200	3858.0	135	69	23.8	22.1	0.036	0.053	0.014	0.021	23.0	0.044	0.017	
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	657200	3858.0	1	1	23.8	22.2	0.033	0.048	0.010	0.014	23.0	0.040	0.012	
ANT 7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	657200	3858.0	135	69	23.8	22.1	0.030	0.044	0.008	0.012	23.0	0.037	0.010	
ANT 7	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	657200	3858.0	1	1	19.0	17.5	0.291	0.411	0.094	0.133	18.2	0.342	0.110	
ANT 7	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	657200	3858.0	135	69	19.0	17.4	0.259	0.373	0.085	0.122	18.2	0.310	0.102	
ANT 7	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	657200	3858.0	1	1	19.0	17.5	0.135	0.191	0.050	0.071	18.2	0.159	0.059	
ANT 7	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	657200	3858.0	135	69	19.0	17.4	0.129	0.186	0.048	0.069	18.2	0.154	0.057	
ANT 7	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	657200	3858.0	1	1	19.0	17.5	0.349	0.493	0.111	0.157	18.2	0.410	0.130	
ANT 7	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	657200	3858.0	135	69	19.0	17.4	0.308	0.443	0.094	0.135	18.2	0.369	0.112	
ANT 7	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	657200	3858.0	1	1	19.0	17.5	0.077	0.109	0.023	0.032	18.2	0.090	0.027	
ANT 7	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	657200	3858.0	135	69	19.0	17.4	0.060	0.086	0.017	0.024	18.2	0.072	0.020	

										Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power (dBm)	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	657200	3858.0	1	1	23.6	22.1	0.152	0.215	0.052	0.073	22.8	0.179	0.061	
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	657200	3858.0	135	69	23.6	21.6	0.141	0.223	0.046	0.073	22.8	0.186	0.061	
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	657200	3858.0	1	1	23.6	22.1	0.179	0.253	0.049	0.069	22.8	0.210	0.058	
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	657200	3858.0	135	69	23.6	21.6	0.142	0.225	0.045	0.071	22.8	0.187	0.059	
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	657200	3858.0	1	1	23.6	22.1	0.523	**0.739**	0.196	0.277	22.8	**0.614**	0.230	97
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	657200	3858.0	135	69	23.6	21.6	0.296	0.469	0.108	0.171	22.8	0.390	0.142	
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	657200	3858.0	1	1	23.6	22.1	0.354	0.500	0.141	0.199	22.8	0.416	0.166	
ANT 8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	657200	3858.0	135	69	23.6	21.6	0.288	0.456	0.113	0.179	22.8	0.380	0.149	
ANT 8	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	657200	3858.0	1	1	20.1	18.9	0.790	1.041	0.294	0.388	19.3	0.866	0.322	
ANT 8	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	657200	3858.0	135	69	20.1	18.5	0.812	**1.174**	0.297	0.429	19.3	**0.976**	0.357	98
ANT 8	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	657200	3858.0	1	1	20.1	18.9	0.059	0.078	0.013	0.017	19.3	0.065	0.014	
ANT 8	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	657200	3858.0	135	69	20.1	18.5	0.047	0.068	0.010	0.014	19.3	0.057	0.012	
ANT 8	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	657200	3858.0	1	1	20.1	18.9	0.149	0.196	0.053	0.070	19.3	0.163	0.058	
ANT 8	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	657200	3858.0	135	69	20.1	18.5	0.112	0.162	0.037	0.053	19.3	0.135	0.044	
ANT 8	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	657200	3858.0	1	1	20.1	18.9	0.176	0.232	0.064	0.084	19.3	0.193	0.070	
ANT 8	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	657200	3858.0	135	69	20.1	18.5	0.193	0.279	0.069	0.100	19.3	0.232	0.083	

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										Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power (dBm)	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	657200	3858.0	1	1	21.6	21.1	0.266	0.298	0.117	0.131	20.8	0.248	0.109	
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	657200	3858.0	135	69	21.6	21.0	0.189	0.217	0.080	0.092	20.8	0.180	0.076	
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	657200	3858.0	1	1	21.6	21.1	0.086	0.096	0.035	0.039	20.8	0.080	0.033	
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	657200	3858.0	135	69	21.6	21.0	0.089	0.102	0.036	0.041	20.8	0.085	0.034	
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	657200	3858.0	1	1	21.6	21.1	0.175	0.196	0.079	0.089	20.8	0.163	0.074	
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	657200	3858.0	135	69	21.6	21.0	0.168	0.193	0.074	0.085	20.8	0.160	0.071	
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	657200	3858.0	1	1	21.6	21.1	0.134	0.150	0.056	0.063	20.8	0.125	0.052	
ANT 9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	657200	3858.0	135	69	21.6	21.0	0.123	0.141	0.047	0.054	20.8	0.117	0.045	
ANT 9	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	657200	3858.0	1	1	18.9	17.9	0.596	0.750	0.219	0.276	18.1	0.624	0.229	
ANT 9	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	657200	3858.0	135	69	18.9	17.8	0.588	0.757	0.215	0.277	18.1	0.630	0.230	
ANT 9	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	657200	3858.0	1	1	18.9	17.9	0.335	0.422	0.127	0.160	18.1	0.351	0.133	
ANT 9	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	657200	3858.0	135	69	18.9	17.8	0.310	0.399	0.114	0.147	18.1	0.332	0.122	
ANT 9	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	657200	3858.0	1	1	18.9	17.9	0.189	0.238	0.075	0.094	18.1	0.198	0.079	
ANT 9	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Bottom	657200	3858.0	135	69	18.9	17.8	0.176	0.227	0.067	0.086	18.1	0.189	0.072	
ANT 9	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	657200	3858.0	1	1	18.9	17.9	0.813	1.024	0.301	0.379	18.1	0.851	0.315	
ANT 9	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Left	657200	3858.0	135	69	18.9	17.8	0.819	**1.055**	0.303	0.390	18.1	**0.878**	0.325	99

										Power State 1						Power State 2			
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	RB Allocation	RB Offset	Maximum Output Power (dBm)	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	657200	3858.0	1	1	18.9	17.0	0.466	0.722	0.167	0.259	18.1	0.600	0.215	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Cheek	657200	3858.0	135	69	18.9	17.0	0.411	0.637	0.148	0.229	18.1	0.529	0.191	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	657200	3858.0	1	1	18.9	17.0	0.156	0.242	0.058	0.090	18.1	0.201	0.075	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Tilt	657200	3858.0	135	69	18.9	17.0	0.118	0.183	0.046	0.071	18.1	0.152	0.059	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	657200	3858.0	1	1	18.9	17.0	0.126	0.195	0.053	0.082	18.1	0.162	0.068	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Cheek	657200	3858.0	135	69	18.9	17.0	0.114	0.177	0.047	0.073	18.1	0.147	0.061	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	657200	3858.0	1	1	18.9	17.0	0.077	0.119	0.028	0.043	18.1	0.099	0.036	
ANT 4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Right Tilt	657200	3858.0	135	69	18.9	17.0	0.059	0.091	0.020	0.031	18.1	0.076	0.026	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	657200	3858.0	1	1	20.3	19.1	0.366	0.482	0.141	0.186	19.5	0.401	0.155	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Back	657200	3858.0	135	69	20.3	19.1	0.341	0.450	0.132	0.174	19.5	0.374	0.145	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	657200	3858.0	1	1	20.3	19.1	0.328	0.432	0.116	0.153	19.5	0.360	0.127	
ANT 4	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Front	657200	3858.0	135	69	20.3	19.1	0.260	0.343	0.091	0.120	19.5	0.285	0.100	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	657200	3858.0	1	1	20.3	19.1	0.052	0.069	0.020	0.026	19.5	0.057	0.022	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Top	657200	3858.0	135	69	20.3	19.1	0.044	0.058	0.016	0.021	19.5	0.048	0.018	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	657200	3858.0	1	1	20.3	19.1	0.535	0.705	0.198	0.261	19.5	0.587	0.217	
ANT 4	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge Right	657200	3858.0	135	69	20.3	19.1	0.520	0.685	0.191	0.252	19.5	0.570	0.209	

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10.36. NR Band n77 PC2 (100MHz Bandwidth)

From May 2017 TCB Workshop, SAR tested were performed using Power Class 3. SAR test for Power Class 2 is tested using the highest SAR test configuration in Power Class 3 for each 5G NR (FR1) configuration and exposure condition combination. According to the highest time averaged power for UL-DL configurations, configuration # 1 with duty cycle 50% 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	Exposure	PC2			PC3				PC2 Scale	Lin. Scaled	Testing Required?
		Duty Cycle	Max Power	Frame Avg.	Duty Cycle	Max Power	Frame Avg.	SAR			
ANT 7	Head	50.0%	23.80	119.94	100.0%	23.8	235.18	0.148	0.075	-49.3%	No
ANT 7	Body & Hotspot	50.0%	19.00	39.72	100.0%	19.0	138.49	0.452	0.13	-71.2%	No
ANT 7	Hotspot	50.0%	19.00	39.72	100.0%	19.0	138.49	0.734	0.211	-71.3%	No
Antenna	Exposure	PC2			PC3				PC2 Scale	Lin. Scaled	Testing Required?
		Duty Cycle	Max Power	Frame Avg.	Duty Cycle	Max Power	Frame Avg.	SAR			
ANT 8	Head	50.0%	23.60	114.54	100.0%	23.6	155.38	1.186	0.874	-26.3%	No
ANT 8	Body & Hotspot	50.0%	20.10	51.16	100.0%	20.1	186.81	1.191	0.326	-72.6%	No
ANT 8	Hotspot	50.0%	20.10	51.16	100.0%	20.1	186.81	0.346	0.095	-72.5%	No
Antenna	Exposure	PC2			PC3				PC2 Scale	Lin. Scaled	Testing Required?
		Duty Cycle	Max Power	Frame Avg.	Duty Cycle	Max Power	Frame Avg.	SAR			
ANT 9	Head	50.0%	21.60	72.27	100.0%	21.6	144.54	0.298	0.149	-50.0%	No
ANT 9	Body & Hotspot	50.0%	18.90	38.81	100.0%	18.9	77.62	0.757	0.379	-49.9%	No
ANT 9	Hotspot	50.0%	18.90	38.81	100.0%	18.9	77.62	1.055	0.528	-50.0%	No
Antenna	Exposure	PC2			PC3				PC2 Scale	Lin. Scaled	Testing Required?
		Duty Cycle	Max Power	Frame Avg.	Duty Cycle	Max Power	Frame Avg.	SAR			
ANT 4	Head	50.0%	18.90	38.81	100.0%	18.9	67.83	1.195	0.684	-42.8%	No
ANT 4	Body & Hotspot	50.0%	20.30	53.58	100.0%	20.3	83.45	0.699	0.449	-35.8%	No
ANT 4	Hotspot	50.0%	20.30	53.58	100.0%	20.3	83.45	1.142	0.733	-35.8%	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%.

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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(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Duty Cycle (%)	Test Position(s)	Channel	Freq. (MHz)	Area Scan Max. SAR (W/kg)	Maximum Output Power	Meas. Output Power	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	99.95%	Left Cheek	6	2437.0	0.249	21.50	20.60	0.247	0.304	0.142	0.175	
ANT 3	Head	802.11b	Power State 1 Mode A	0	99.95%	Left Tilt	6	2437.0	0.104	21.50	20.60					
ANT 3	Head	802.11b	Power State 1 Mode A	0	99.95%	Right Cheek	6	2437.0	0.170	21.50	20.60					
ANT 3	Head	802.11b	Power State 1 Mode A	0	99.95%	Right Tilt	6	2437.0	0.148	21.50	20.60					
ANT 3	Body & Hotspot	802.11b	Power State 1 Mode B	5	99.95%	Back	6	2437.0	0.518	20.00	19.10	0.520	**0.640**	0.283	0.348	100
ANT 3	Body & Hotspot	802.11b	Power State 1 Mode B	5	99.95%	Front	6	2437.0	0.436	20.00	19.10	0.425	0.523	0.237	0.292	
ANT 3	Hotspot	802.11b	Power State 1 Mode B	5	99.95%	Edge Bottom	6	2437.0	0.088	20.00	19.10					
ANT 3	Hotspot	802.11b	Power State 1 Mode B	5	99.95%	Edge Left	6	2437.0	0.583	20.00	19.10	0.623	0.767	0.303	0.373	
Antenna(s)	**RF Exposure Condition(s)**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Duty Cycle (%)**	**Test Position(s)**	**Channel**	**Freq. (MHz)**	**Area Scan Max. SAR (W/kg)**	**Maximum Output Power**	**Meas. Output Power**	**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 2 Mode A	0	99.95%	Left Cheek	6	2437.0	0.118	18.75	18.30	0.118	0.131	0.069	0.077	
ANT 3	Body & Hotspot	802.11b	Power State 2 Mode B	5	99.95%	Back	6	2437.0	0.208	16.25	15.30	0.210	0.261	0.111	0.138	
ANT 3	Hotspot	802.11b	Power State 2 Mode B	5	99.95%	Edge Left	6	2437.0	0.201	16.25	15.30	0.209	0.260	0.098	0.122	

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Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Duty Cycle (%)	Test Position(s)	Channel	Freq. (MHz)	Area Scan Max. SAR (W/kg)	Maximum Output Power	Meas. Output Power	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	99.95%	Left Cheek	1	2417.0	0.537	20.50	19.40	0.563	0.726	0.311	0.401	
ANT 4	Head	802.11b	Power State 1 Mode A	0	99.95%	Left Cheek	6	2437.0	0.785	20.50	19.90	1.040	**1.195**	0.459	0.527	101
ANT 4	Head	802.11b	Power State 1 Mode A	0	99.95%	Left Cheek	11	2462.0	0.408	20.50	19.50	0.410	0.516	0.241	0.304	
ANT 4	Head	802.11b	Power State 1 Mode A	0	99.95%	Left Tilt	6	2437.0	0.271	20.50	19.90	0.271	0.311	0.144	0.165	
ANT 4	Head	802.11b	Power State 1 Mode A	0	99.95%	Right Cheek	6	2437.0	0.179	20.50	19.90	0.186	0.214	0.108	0.124	
ANT 4	Head	802.11b	Power State 1 Mode A	0	99.95%	Right Tilt	6	2437.0	0.143	20.50	19.90					
ANT 4	Body & Hotspot	802.11b	Power State 1 Mode B	5	99.95%	Back	6	2437.0	0.399	20.00	18.80	0.466	0.615	0.218	0.288	
ANT 4	Body & Hotspot	802.11b	Power State 1 Mode B	5	99.95%	Front	6	2437.0	0.358	20.00	18.80	0.364	0.480	0.170	0.224	
ANT 4	Hotspot	802.11b	Power State 1 Mode B	5	99.95%	Edge Top	6	2437.0	0.051	20.00	18.80					
ANT 4	Hotspot	802.11b	Power State 1 Mode B	5	99.95%	Edge Right	1	2412.0	0.541	20.00	18.70	0.610	0.823	0.278	0.375	
ANT 4	Hotspot	802.11b	Power State 1 Mode B	5	99.95%	Edge Right	6	2437.0	0.624	20.00	18.80	0.651	**0.859**	0.300	0.396	102
ANT 4	Hotspot	802.11b	Power State 1 Mode B	5	99.95%	Edge Right	11	2462.0	0.453	20.00	18.50	0.518	0.732	0.232	0.328	
ANT 4	Hotspot	802.11b	Power State 1 Mode B	5	99.95%	Edge Left	6	2437.0	0.009	20.00	18.80					
Antenna(s)	**RF Exposure Condition(s)**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Duty Cycle (%)**	**Test Position(s)**	**Channel**	**Freq. (MHz)**	**Area Scan Max. SAR (W/kg)**	**Maximum Output Power**	**Meas. Output Power**	**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 2 Mode A	0	99.95%	Left Cheek	6	2437.0	0.350	17.00	16.00	0.397	0.500	0.173	0.218	
ANT 4	Head	802.11b	Power State 2 Mode A	0	99.95%	Right Cheek	6	2437.0	0.096	17.00	16.00	0.095	0.120	0.054	0.068	
ANT 4	Body & Hotspot	802.11b	Power State 2 Mode B	5	99.95%	Back	6	2437.0	0.163	16.00	14.40	0.192	0.278	0.084	0.121	
ANT 4	Hotspot	802.11b	Power State 2 Mode B	5	99.95%	Edge Right	6	2437.0	0.247	16.00	14.40	0.275	0.398	0.121	0.175	

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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(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Duty Cycle (%)	Test Position(s)	Channel	Freq. (MHz)	Area Scan Max. SAR (W/kg)	Maximum Output Power	Meas. Output Power	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	97.62%	Left Cheek	46	5230.0	0.033	18.50	17.60	0.028	0.035	0.008	0.010	
ANT 5	Head	802.11n (HT40)	Power State 1 Mode A	0	97.62%	Left Tilt	46	5230.0	0.006	18.50	17.60					
ANT 5	Head	802.11n (HT40)	Power State 1 Mode A	0	97.62%	Right Cheek	46	5230.0	0.011	18.50	17.60					
ANT 5	Head	802.11n (HT40)	Power State 1 Mode A	0	97.62%	Right Tilt	46	5230.0	0.015	18.50	17.60					
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	95.43%	Back	42	5210.0	0.337	14.00	12.50	0.524	0.776	0.114	0.169	
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	95.43%	Front	42	5210.0	0.028	14.00	12.50	0.034	0.050	0.012	0.018	
ANT 5	Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	95.43%	Edge Bottom	42	5210.0	0.032	14.00	12.50					
ANT 5	Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	95.43%	Edge Left	42	5210.0	0.066	14.00	12.50	0.067	0.099	0.025	0.037	
Antenna(s)	**RF Exposure Condition(s)**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Duty Cycle (%)**	**Test Position(s)**	**Channel**	**Freq. (MHz)**	**Area Scan Max. SAR (W/kg)**	**Maximum Output Power (dBm)**	**Meas. Output Power (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 2 Mode A	0	95.43%	Left Cheek	58	5290.0	0.006	14.50	13.40	0.000	0.000	0.000	0.000	
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 2 Mode B	5	95.43%	Back	42	5210.0	0.127	10.25	8.80	0.217	0.318	0.044	0.064	
Antenna(s)	**RF Exposure Condition(s)**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Duty Cycle (%)**	**Test Position(s)**	**Channel**	**Freq. (MHz)**	**Area Scan Max. SAR (W/kg)**	**Maximum Output Power**	**Meas. Output Power**	**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	97.62%	Left Cheek	46	5230.0	0.420	20.00	18.80	0.454	0.613	0.161	0.217	
ANT 6	Head	802.11n (HT40)	Power State 1 Mode A	0	97.62%	Left Tilt	46	5230.0	0.305	20.00	18.80					
ANT 6	Head	802.11n (HT40)	Power State 1 Mode A	0	97.62%	Right Cheek	38	5190.0	0.439	17.50	16.30	0.562	0.759	0.204	0.275	
ANT 6	Head	802.11n (HT40)	Power State 1 Mode A	0	97.62%	Right Cheek	46	5230.0	0.663	20.00	18.80	0.831	**1.122**	0.328	0.443	103
ANT 6	Head	802.11n (HT40)	Power State 1 Mode A	0	97.62%	Right Tilt	38	5190.0	0.138	17.50	16.30	0.417	0.563	0.138	0.186	
ANT 6	Head	802.11n (HT40)	Power State 1 Mode A	0	97.62%	Right Tilt	46	5230.0	0.582	20.00	18.80	0.825	1.114	0.281	0.379	
ANT 6	Body & Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	95.43%	Back	42	5210.0	0.541	17.00	15.50	0.579	**0.857**	0.181	0.268	104
ANT 6	Body & Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	95.43%	Front	42	5210.0	0.120	17.00	15.50	0.148	0.219	0.054	0.080	
ANT 6	Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	95.43%	Edge Top	42	5210.0	0.124	17.00	15.50					
ANT 6	Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	95.43%	Edge Left	42	5210.0	0.334	17.00	15.50	0.369	**0.546**	0.122	0.181	105
Antenna(s)	**RF Exposure Condition(s)**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Duty Cycle (%)**	**Test Position(s)**	**Channel**	**Freq. (MHz)**	**Area Scan Max. SAR (W/kg)**	**Maximum Output Power (dBm)**	**Meas. Output Power (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 2 Mode A	0	95.43%	Left Cheek	42	5210.0	0.210	16.50	16.00	0.237	0.279	0.080	0.094	
ANT 6	Head	802.11ac (VHT80)	Power State 2 Mode A	0	95.43%	Right Cheek	42	5210.0	0.432	16.50	16.00	0.406	0.477	0.148	0.174	
ANT 6	Body & Hotspot	802.11ac (VHT80)	Power State 2 Mode B	5	95.43%	Back	58	5290.0	0.199	13.75	12.10	0.210	0.322	0.062	0.095	

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Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Duty Cycle (%)	Test Position(s)	Channel	Freq. (MHz)	Area Scan Max. SAR (W/kg)	Maximum Output Power	Meas. Output Power	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	95.43%	Left Cheek	122	5610.0	0.027	18.00	17.40	0.020	0.024	0.004	0.005	
ANT 5	Head	802.11ac (VHT80)	Power State 1 Mode A	0	95.43%	Left Tilt	122	5610.0	0.008	18.00	17.40					
ANT 5	Head	802.11ac (VHT80)	Power State 1 Mode A	0	95.43%	Right Cheek	122	5610.0	0.015	18.00	17.40					
ANT 5	Head	802.11ac (VHT80)	Power State 1 Mode A	0	95.43%	Right Tilt	122	5610.0	0.013	18.00	17.40					
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	95.43%	Back	122	5610.0	0.469	11.75	10.60	0.654	0.893	0.150	0.205	
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	95.43%	Back	138	5690.0	0.410	11.75	10.30	0.670	**0.980**	0.159	0.233	106
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	95.43%	Front	122	5610.0	0.015	11.75	10.60	0.018	0.025	0.002	0.003	
ANT 5	Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	95.43%	Edge Bottom	122	5610.0	0.041	11.75	10.60	0.041	0.056	0.012	0.016	
ANT 5	Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	95.43%	Edge Left	122	5610.0	0.039	11.75	10.60					
Antenna(s)	**RF Exposure Condition(s)**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Duty Cycle (%)**	**Test Position(s)**	**Channel**	**Freq. (MHz)**	**Area Scan Max. SAR (W/kg)**	**Maximum Output Power**	**Meas. Output Power**	**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 2 Mode A	0	95.43%	Left Cheek	122	5610.0	0.007	14.25	13.00	0.000	0.000	0.000	0.000	
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 2 Mode B	5	95.43%	Back	138	5690.0	0.145	8.00	7.00	0.199	0.263	0.051	0.067	
Antenna(s)	**RF Exposure Condition(s)**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Duty Cycle (%)**	**Test Position(s)**	**Channel**	**Freq. (MHz)**	**Area Scan Max. SAR (W/kg)**	**Maximum Output Power**	**Meas. Output Power**	**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	95.43%	Left Cheek	138	5690.0	0.167	19.25	18.20					
ANT 6	Head	802.11ac (VHT80)	Power State 1 Mode A	0	95.43%	Left Tilt	138	5690.0	0.141	19.25	18.20					
ANT 6	Head	802.11ac (VHT80)	Power State 1 Mode A	0	95.43%	Right Cheek	122	5610.0	0.407	19.25	18.20	0.536	0.715	0.195	0.260	
ANT 6	Head	802.11ac (VHT80)	Power State 1 Mode A	0	95.43%	Right Cheek	138	5690.0	0.528	19.25	18.20	0.690	**0.921**	0.239	0.319	107
ANT 6	Head	802.11ac (VHT80)	Power State 1 Mode A	0	95.43%	Right Tilt	138	5690.0	0.324	19.25	18.20	0.440	0.587	0.143	0.191	
ANT 6	Body & Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	95.43%	Back	122	5610.0	0.530	17.50	16.00	0.608	0.900	0.172	0.255	
ANT 6	Body & Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	95.43%	Back	138	5690.0	0.591	17.50	16.10	0.671	0.971	0.971	1.404	
ANT 6	Body & Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	95.43%	Front	138	5690.0	0.122	17.50	16.10	0.119	0.172	0.172	0.249	
ANT 6	Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	95.43%	Edge Top	138	5690.0	0.054	17.50	16.10					
ANT 6	Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	95.43%	Edge Left	138	5690.0	0.222	17.50	16.10	0.242	**0.350**	0.074	0.107	108
Antenna(s)	**RF Exposure Condition(s)**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Duty Cycle (%)**	**Test Position(s)**	**Channel**	**Freq. (MHz)**	**Area Scan Max. SAR (W/kg)**	**Maximum Output Power**	**Meas. Output Power**	**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 2 Mode A	0	95.43%	Right Cheek	138	5690.0	0.149	15.50	14.10	0.194	0.281	0.062	0.090	
ANT 6	Body & Hotspot	802.11ac (VHT80)	Power State 2 Mode B	5	95.43%	Back	122	5610.0	0.256	15.00	13.50	0.268	0.397	0.079	0.117	

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Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Duty Cycle (%)	Test Position(s)	Channel	Freq. (MHz)	Area Scan Max. SAR (W/kg)	Maximum Output Power	Meas. Output Power	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	95.43%	Left Cheek	155	5775.0	0.029	18.25	17.20	0.028	0.037	0.007	0.009	
ANT 5	Head	802.11ac (VHT80)	Power State 1 Mode A	0	95.43%	Left Tilt	155	5775.0	0.008	18.25	17.20					
ANT 5	Head	802.11ac (VHT80)	Power State 1 Mode A	0	95.43%	Right Cheek	155	5775.0	0.012	18.25	17.20					
ANT 5	Head	802.11ac (VHT80)	Power State 1 Mode A	0	95.43%	Right Tilt	155	5775.0	0.013	18.25	17.20					
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	95.43%	Back	155	5775.0	0.496	13.00	11.50	0.708	**1.048**	0.174	0.258	109
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	95.43%	Front	155	5775.0	0.017	13.00	11.50	0.012	0.018	0.002	0.003	
ANT 5	Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	95.43%	Edge Bottom	155	5775.0	0.061	13.00	11.50	0.066	0.098	0.024	0.036	
ANT 5	Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	95.43%	Edge Left	155	5775.0	0.059	13.00	11.50					
Antenna(s)	**RF Exposure Condition(s)**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Duty Cycle (%)**	**Test Position(s)**	**Channel**	**Freq. (MHz)**	**Area Scan Max. SAR (W/kg)**	**Maximum Output Power**	**Meas. Output Power**	**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 2 Mode A	0	95.43%	Left Cheek	155	5775.0	0.002	14.50	13.50	0.000	0.000	0.000	0.000	
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 2 Mode B	5	95.43%	Back	155	5775.0	0.273	9.25	8.10	0.327	0.447	0.078	0.107	
ANT 5	Body & Hotspot	802.11ac (VHT80)	Power State 2 Mode B	5	95.43%	Front	155	5775.0	0.016	9.25	8.10	0.023	0.031	0.006	0.008	
ANT 5	Hotspot	802.11ac (VHT80)	Power State 2 Mode B	5	95.43%	Edge Bottom	155	5775.0	0.028	9.25	8.10	0.028	0.038	0.008	0.011	
Antenna(s)	**RF Exposure Condition(s)**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Duty Cycle (%)**	**Test Position(s)**	**Channel**	**Freq. (MHz)**	**Area Scan Max. SAR (W/kg)**	**Maximum Output Power**	**Meas. Output Power**	**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	95.43%	Left Cheek	155	5775.0	0.148	19.50	18.00					
ANT 6	Head	802.11ac (VHT80)	Power State 1 Mode A	0	95.43%	Left Tilt	155	5775.0	0.124	19.50	18.00					
ANT 6	Head	802.11ac (VHT80)	Power State 1 Mode A	0	95.43%	Right Cheek	155	5775.0	0.416	19.50	18.00	0.503	**0.745**	0.154	0.228	110
ANT 6	Head	802.11ac (VHT80)	Power State 1 Mode A	0	95.43%	Right Tilt	155	5775.0	0.263	19.50	18.00	0.411	0.608	0.120	0.178	
ANT 6	Body & Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	95.43%	Back	155	5775.0	0.482	17.75	16.30	0.598	0.875	0.161	0.236	
ANT 6	Body & Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	95.43%	Front	155	5775.0	0.107	17.75	16.30	0.113	0.165	0.038	0.056	
ANT 6	Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	95.43%	Edge Top	155	5775.0	0.034	17.75	16.30					
ANT 6	Hotspot	802.11ac (VHT80)	Power State 1 Mode B	5	95.43%	Edge Left	155	5775.0	0.235	17.75	16.30	0.281	**0.411**	0.085	0.124	111
Antenna(s)	**RF Exposure Condition(s)**	**Mode(s)**	**Power Mode(s)**	**Dist. (mm)**	**Duty Cycle (%)**	**Test Position(s)**	**Channel**	**Freq. (MHz)**	**Area Scan Max. SAR (W/kg)**	**Maximum Output Power**	**Meas. Output Power**	**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 2 Mode A	0	95.43%	Right Cheek	155	5775.0	0.147	15.50	14.00	0.181	0.268	0.058	0.086	
ANT 6	Body & Hotspot	802.11ac (VHT80)	Power State 2 Mode B	5	95.43%	Back	155	5775.0	0.197	13.75	12.42	0.226	0.322	0.059	0.084	

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10.39. Bluetooth 2.4GHz

Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Maximum Output Power (dBm)	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 3	Head	GFSK (BDR)	PStandalone Mode A	0	Left Cheek	39	2441.0	20.0	18.7	0.098	0.132	0.053	0.071	
ANT 3	Head	GFSK (BDR)	PStandalone Mode A	0	Left Tilt	39	2441.0	20.0	18.7	0.043	0.058	0.022	0.030	
ANT 3	Head	GFSK (BDR)	PStandalone Mode A	0	Right Cheek	39	2441.0	20.0	18.7	0.048	0.065	0.026	0.035	
ANT 3	Head	GFSK (BDR)	PStandalone Mode A	0	Right Tilt	39	2441.0	20.0	18.7	0.049	0.066	0.026	0.035	
ANT 3	Body & Hotspot	GFSK (BDR)	PStandalone Mode B	5	Back	39	2441.0	20.0	18.7	0.305	**0.411**	0.157	0.212	112
ANT 3	Body & Hotspot	GFSK (BDR)	PStandalone Mode B	5	Front	39	2441.0	20.0	18.7	0.267	0.360	0.138	0.186	
ANT 3	Hotspot	GFSK (BDR)	PStandalone Mode B	5	Edge Bottom	39	2441.0	20.0	18.7	0.075	0.101	0.038	0.051	
ANT 3	Hotspot	GFSK (BDR)	PStandalone Mode B	5	Edge Left	39	2441.0	20.0	18.7	0.433	**0.584**	0.204	0.275	113

Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Maximum Output Power (dBm)	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 4	Head	GFSK (BDR)	PStandalone Mode A	0	Left Cheek	39	2441.0	20.0	19.0	0.585	**0.736**	0.266	0.335	114
ANT 4	Head	GFSK (BDR)	PStandalone Mode A	0	Left Tilt	39	2441.0	20.0	19.0	0.194	0.244	0.091	0.115	
ANT 4	Head	GFSK (BDR)	PStandalone Mode A	0	Right Cheek	39	2441.0	20.0	19.0	0.145	0.183	0.075	0.094	
ANT 4	Head	GFSK (BDR)	PStandalone Mode A	0	Right Tilt	39	2441.0	20.0	19.0	0.064	0.081	0.034	0.043	
ANT 4	Body & Hotspot	GFSK (BDR)	PStandalone Mode B	5	Back	39	2441.0	20.0	19.0	0.306	0.385	0.139	0.175	
ANT 4	Body & Hotspot	GFSK (BDR)	PStandalone Mode B	5	Front	39	2441.0	20.0	19.0	0.207	0.261	0.096	0.121	
ANT 4	Hotspot	GFSK (BDR)	PStandalone Mode B	5	Edge Top	39	2441.0	20.0	19.0	0.046	0.058	0.019	0.024	
ANT 4	Hotspot	GFSK (BDR)	PStandalone Mode B	5	Edge Right	39	2441.0	20.0	19.0	0.454	0.572	0.202	0.254	

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Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Maximum Output Power (dBm)	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 3	Head	GFSK (BDR)	PHigh Mode A	0	Left Cheek	39	2441.0	19.0	17.8	0.039	0.051	0.022	0.029	
ANT 3	Body & Hotspot	GFSK (BDR)	PHigh Mode B	5	Back	39	2441.0	16.5	15.3	0.124	0.163	0.065	0.086	
ANT 3	Hotspot	GFSK (BDR)	PHigh Mode B	5	Edge Left	39	2441.0	16.5	15.3	0.175	0.231	0.081	0.107	
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Maximum Output Power (dBm)	Meas. Output Power (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	2441.0	16.5	15.3	0.193	0.254	0.083	0.109	
ANT 4	Body & Hotspot	GFSK (BDR)	PHigh Mode B	5	Back	39	2441.0	16.5	15.3	0.085	0.112	0.038	0.050	
ANT 4	Hotspot	GFSK (BDR)	PHigh Mode B	5	Edge Right	39	2441.0	16.5	15.3	0.146	0.192	0.063	0.083	
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Maximum Output Power (dBm)	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 3	Head	GFSK (BDR)	PLow Mode A	0	Left Cheek	39	2441.0	13.0	11.8	0.021	0.028	0.011	0.015	
ANT 3	Body & Hotspot	GFSK (BDR)	PLow Mode A	5	Back	39	2441.0	11.0	9.5	0.039	0.055	0.019	0.027	
ANT 3	Hotspot	GFSK (BDR)	PLow Mode A	5	Edge Left	39	2441.0	11.0	9.5	0.058	0.082	0.027	0.038	
Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Maximum Output Power (dBm)	Meas. Output Power (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	2441.0	11.0	9.5	0.064	0.090	0.025	0.035	
ANT 4	Body & Hotspot	GFSK (BDR)	PLow Mode A	5	Back	39	2441.0	11.0	9.5	0.030	0.042	0.013	0.018	
ANT 4	Hotspot	GFSK (BDR)	PLow Mode A	5	Edge Right	39	2441.0	11.0	9.5	0.044	0.062	0.016	0.023	

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Antenna(s)	RF Exposure Condition(s)	Mode(s)	Power Mode(s)	Dist. (mm)	Test Position(s)	Channel	Freq. (MHz)	Maximum Output Power (dBm)	Meas. Output Power (dBm)	1-g Meas. (W/kg)	1-g Scaled (W/kg)	10-g Meas. (W/kg)	10-g Scaled (W/kg)	Maximum Output Power (dBm)	1-g Scaled (W/kg)	10-g Scaled (W/kg)	Plot No.
ANT 4	Extremity	1-PRB SC-FDMA	Mode B	0	Back	Mid	1618.40	23.4	22.3	2.850	3.672	1.310	1.688	22.6	3.054	1.404	
ANT 4	Extremity	1-PRB SC-FDMA	Mode B	0	Front	Low	1610.17	23.4	22.4	2.700	3.399	1.210	1.523	22.6	2.827	1.267	
ANT 4	Extremity	1-PRB SC-FDMA	Mode B	0	Front	Mid	1618.40	23.4	22.3	4.110	5.295	1.730	**2.229**	22.6	4.404	1.854	115
ANT 4	Extremity	1-PRB SC-FDMA	Mode B	0	Front	High	1626.03	23.4	22.3	3.530	4.548	1.540	1.984	22.6	3.782	1.650	
ANT 4	Extremity	1-PRB SC-FDMA	Mode B	0	Edge Top	Mid	1618.40	23.4	22.3	1.260	1.623	0.386	0.497	22.6	1.350	0.414	
ANT 4	Extremity	1-PRB SC-FDMA	Mode B	0	Edge Right	Mid	1618.40	23.4	22.3	3.370	4.341	1.320	1.700	22.6	3.611	1.414	
ANT 4	Extremity	1-PRB SC-FDMA	Mode B	0	Edge Left	Mid	1618.40	23.4	22.3	0.129	0.166	0.060	0.077	22.6	0.138	0.064	

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10.41. NFC

Antenna(s)	RF Exposure Condition(s)	Mode(s)	Dist. (mm)	Test Position(s)	Freq. (MHz)	1-g Meas. (W/kg)	10-g Meas. (W/kg)	Plot No.
Primary	Extremity	Type A	0	Back	13.6	0.012	0.005	
Primary	Extremity	Type A	0	Front	13.6	0.012	0.005	
Primary	Extremity	Type A	0	Edge Top	13.6	0.017	**0.006**	116
Primary	Extremity	Type A	0	Edge Left	13.6	0.005	0.001	

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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	Highest Measured SAR (W/kg)	First Repeated		Repeated SAR (Yes/No)
							Measured SAR (W/kg)	Largest to Smallest SAR Ratio	
700	LTE B14	ANT 2	Mode A	Head	Right Cheek	1.020	1.000	1.02	Yes
850	LTE B26	ANT 2	Mode A	Head	Left Cheek	1.000	0.912	1.10	Yes
1700	W-CDMA BIV	ANT 2	Mode A	Head	Right Cheek	1.160	1.050	1.10	Yes
1900	LTE B25	ANT 4	Mode A	Head	Left Cheek	1.030	0.996	1.03	Yes
2300	LTE B30	ANT 4	Mode A	Head	Left Cheek	1.050	0.990	1.06	Yes
2400	FR1 n53	ANT 2	Mode A	Head	Left Cheek	0.873	0.884	1.01	Yes
2500	LTE B7	ANT 2	Mode A	Head	Left Cheek	0.982	0.892	1.10	Yes
2600	LTE B41	ANT 3	Mode B	Hotspot	Edge Left	0.924	0.981	1.06	Yes
3600	FR1 n48	ANT 9	Mode B	Hotspot	Edge Left	1.150	0.977	1.18	Yes

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

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

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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

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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 (Power State 1)			1
		+	Wi-Fi 5 GHz (Power State 1)			2
		+	Wi-Fi 5 GHz (Power State 1)	+	Bluetooth (P_{High})	3
	WWAN & 5G ON (CELLULAR ANTENNAS ON)	+	Wi-Fi 2.4 GHz (Power State 2)			4
				+	Bluetooth (P_{High})	5
		+	Wi-Fi 5 GHz (Power State 2)			6
		+	Wi-Fi 5 GHz (Power State 2)	+	Bluetooth (P_{low})	7

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. Only Wi-Fi 2.4 GHz and Wi-Fi 5 GHz support MIMO transmission.
4. 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.
5. 5G NR only supported NSA mode.
6. For EN-DC mode, the dynamic budget time averaging algorithm (TAS) in WWAN adds directly to the RF exposure from 4G (LTE) and 5G NR. The TAS 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 *Cellular TAS and Dynamic Budget Sharing Validation Test Report* during algorithm validation. In this report, simultaneous transmission compliance was evaluated individually with other Radios (WLAN or BT) using one of 4G or 5G NR.
7. MSS can transmit simultaneously in the same way as cellular.

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12.1. WWAN Cell-off & Wi-Fi & BT

RF Exposure conditions	Test Position	Power State 2 SAR (W/kg)		∑ 1-g SAR (W/kg)
		1	2	
		Wi-Fi 5G CELL OFF	BT (P_{high})	1+2
Head	Left Cheek	0.613	0.254	0.867
	Left Tilt	0.613	0.254	0.867
	Right Cheek	1.122	0.254	1.376
	Right Tilt	1.114	0.254	1.368
Body-worn & Hotspot	Back	1.048	0.163	1.211
	Front	0.219	0.163	0.382
Hotspot	Edge Top	0.098	0.192	0.290
	Edge Right	0.098	0.192	0.290
	Edge Bottom	0.098	0.192	0.290
	Edge Left	0.546	0.231	0.777

12.2. WWAN (PCE) Cell-on & Wi-Fi & BT

RF Exposure conditions	Test Position	Power State 2 SAR (W/kg)					∑ 1-g SAR (W/kg)			
		1	2	3	4	5				
		WWAN (PCE)	Wi-Fi 2.4G CELL ON	Wi-Fi 5G CELL ON	BT (P_{low})	BT (P_{high})	1+2	1+3	1+5	1+3+4
Head	Left Cheek	0.994	0.500	0.279	0.090	0.254	**1.494**	1.273	1.248	1.363
	Left Tilt	0.994	0.120	0.279	0.090	0.254	1.114	1.273	1.248	1.363
	Right Cheek	0.987	0.120	0.477	0.090	0.254	1.107	1.464	1.241	**1.554**
	Right Tilt	0.923	0.120	0.279	0.090	0.254	1.043	1.202	1.177	1.292
Body-worn & Hotspot	Back	0.994	0.278	0.447	0.055	0.163	1.272	1.441	1.157	**1.496**
	Front	0.844	0.278	0.031	0.055	0.163	1.122	0.875	1.007	0.930
Hotspot	Edge Top	0.991	0.260	0.038	0.062	0.192	1.251	1.029	1.183	1.091
	Edge Right	0.998	0.398	0.038	0.062	0.192	**1.396**	1.036	1.190	1.098
	Edge Bottom	0.988	0.260	0.038	0.062	0.192	1.248	1.026	1.180	1.088
	Edge Left	0.997	0.260	0.038	0.082	0.231	1.257	1.035	1.228	1.117

12.3. WWAN (TNE) Cell-on & Wi-Fi & BT

RF Exposure conditions	Test Position	Power State 2 SAR (W/kg)					∑ 1-g SAR (W/kg)			
		1	2	3	4	5				
		WWAN (TNE)	Wi-Fi 2.4G CELL ON	Wi-Fi 5G CELL ON	BT (P_{low})	BT (P_{high})	1+2	1+3	1+5	1+3+4
Head	Left Cheek	0.957	0.500	0.279	0.090	0.254	**1.457**	1.236	1.211	1.326
	Left Tilt	0.959	0.120	0.279	0.090	0.254	1.079	1.238	1.213	1.328
	Right Cheek	0.763	0.120	0.477	0.090	0.254	0.883	1.240	1.017	1.330
	Right Tilt	0.615	0.120	0.279	0.090	0.254	0.735	0.894	0.869	0.984
Body-worn & Hotspot	Back	0.936	0.278	0.447	0.055	0.163	**1.214**	1.383	1.099	**1.438**
	Front	0.750	0.278	0.031	0.055	0.163	1.028	0.781	0.913	0.836
Hotspot	Edge Top	0.676	0.260	0.038	0.062	0.192	0.936	0.714	0.868	0.776
	Edge Right	0.926	0.398	0.038	0.062	0.192	**1.324**	0.964	1.118	**1.026**
	Edge Bottom	0.751	0.260	0.038	0.062	0.192	1.011	0.789	0.943	0.851
	Edge Left	0.360	0.260	0.038	0.082	0.231	0.620	0.398	0.591	0.480

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12.4. WWAN (CBE) Cell-on & Wi-Fi & BT

RF Exposure conditions	Test Position	Power State 2 SAR (W/kg)					∑ 1-g SAR (W/kg)			
		1	2	3	4	5	1+2	1+3	1+5	1+3+4
		WWAN (CBE)	Wi-Fi 2.4G CELL ON	Wi-Fi 5G CELL ON	BT (P_{low})	BT (P_{high})				
Head	Left Cheek	0.989	0.500	0.279	0.090	0.254	**1.489**	1.268	1.243	1.358
	Left Tilt	0.903	0.120	0.279	0.090	0.254	1.023	1.182	1.157	1.272
	Right Cheek	0.826	0.120	0.477	0.090	0.254	0.946	1.303	1.080	1.393
	Right Tilt	0.990	0.120	0.279	0.090	0.254	1.110	1.269	1.244	1.359
Body-worn & Hotspot	Back	0.990	0.278	0.447	0.055	0.163	1.268	1.437	1.153	**1.492**
	Front	0.466	0.278	0.031	0.055	0.163	0.744	0.497	0.629	0.552
Hotspot	Edge Top	0.214	0.260	0.038	0.062	0.192	0.474	0.252	0.406	0.314
	Edge Right	0.996	0.398	0.038	0.062	0.192	**1.394**	1.034	1.188	1.096
	Edge Bottom	0.312	0.260	0.038	0.062	0.192	0.572	0.350	0.504	0.412
	Edge Left	0.979	0.260	0.038	0.082	0.231	1.239	1.017	1.210	1.099

12.5. MSS (TNE) Cell-on & NFC

RF Exposure conditions	Test Position	Power State 2 SAR (W/kg)		∑ 10-g SAR (W/kg)
		1	2	1+2
		MSS CELL-ON	NFC	
Extremity	Back	1.404	0.005	1.409
	Front	1.854	0.005	**1.859**
	Edge Top	0.414	0.006	0.420
	Edge Right	1.414	0.001	1.415
	Edge Bottom	0.064	0.001	0.065
	Edge Left	0.064	0.001	0.065

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Appendixes

Refer to separated files for the following appendixes.

Appendix A: SAR Setup Photos

Appendix B: SAR System Check Plots

Appendix C: SAR Highest Test Plots

Appendix D: Tissue Ingredients

Appendix E: Probe Certificates

Appendix F: Dipole Certificates

Appendix G: Power Reduction Validation

END OF REPORT

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