SAR EVALUATION REPORT

FCC 47 CFR § 2.1093
IEEE Std 1528-2013

For
SMARTPHONE

FCC ID: BCG-E8139A
Model Name: A2632

Report Number: 14040868-S1V2
Issue Date: 8/1/2022

Prepared for
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Prepared by
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ACCREDITED
CERT #0751.05

Revision History

Rev.	Date	Revisions	Revised By
V1	7/29/2022	Initial Issue	--
V2	8/1/2022	Report revised based on reviewer's feedback : 1. Section 6.2 : Added MSS Band. 2. Sections 9.10, 10.37& 12.2 : Corrected Typos and Updated tables. 3. Appendixes J : Updated.	Art Thammanavarat

Table of Contents

1. Attestation of Test Results

Applicant Name		APPLE INC.					
FCC ID		BCG-E8139A					
Model Name		A2632					
Applicable Standards		FCC 47 CFR § 2.1093 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
Head		0.912	0.948	0.937	1.078	1.138	0.824
Body-worn (Dist.= 5 mm)		0.853	0.938	0.898	0.796	1.148	0.565
Hotspot (Dist.= 5 mm)		1.042	0.946	0.929	1.090	1.148	0.911
Simultaneous TX	Head	1.337	1.365	1.352	1.365	1.355	1.355
	Body-worn	1.374	1.477	1.437	1.288	1.477	1.477
	Hotspot	1.578	1.578	1.446	1.578	1.477	1.477
Date Tested		6/30/2022 to 7/21/2022					
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 is capable of demonstrating 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 taken into account unless noted otherwise.

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Approved & Released By:	Prepared By:
	
Devin Chang Senior Test Engineer UL Verification Services Inc.	Chakrit Thammanavarat Senior Test Engineer UL Verification Services Inc.

2. Test Specification, Methods and Procedures

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

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

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

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

3. Facilities and Accreditation

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

47173 Benicia Street	47266 Benicia Street
SAR Lab A	SAR Lab 1
SAR Lab B	SAR Lab 2
SAR Lab C	SAR Lab 3
SAR Lab D	SAR Lab 4
SAR Lab E	SAR Lab 5
SAR Lab F	SAR Lab 6
SAR Lab G	SAR Lab 8
SAR Lab H	SAR Lab 9
	SAR Lab 10
	SAR Lab 11
	SAR Lab 12
	SAR Lab 13
	SAR Lab 14
	SAR Lab 15
	SAR Lab 16

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

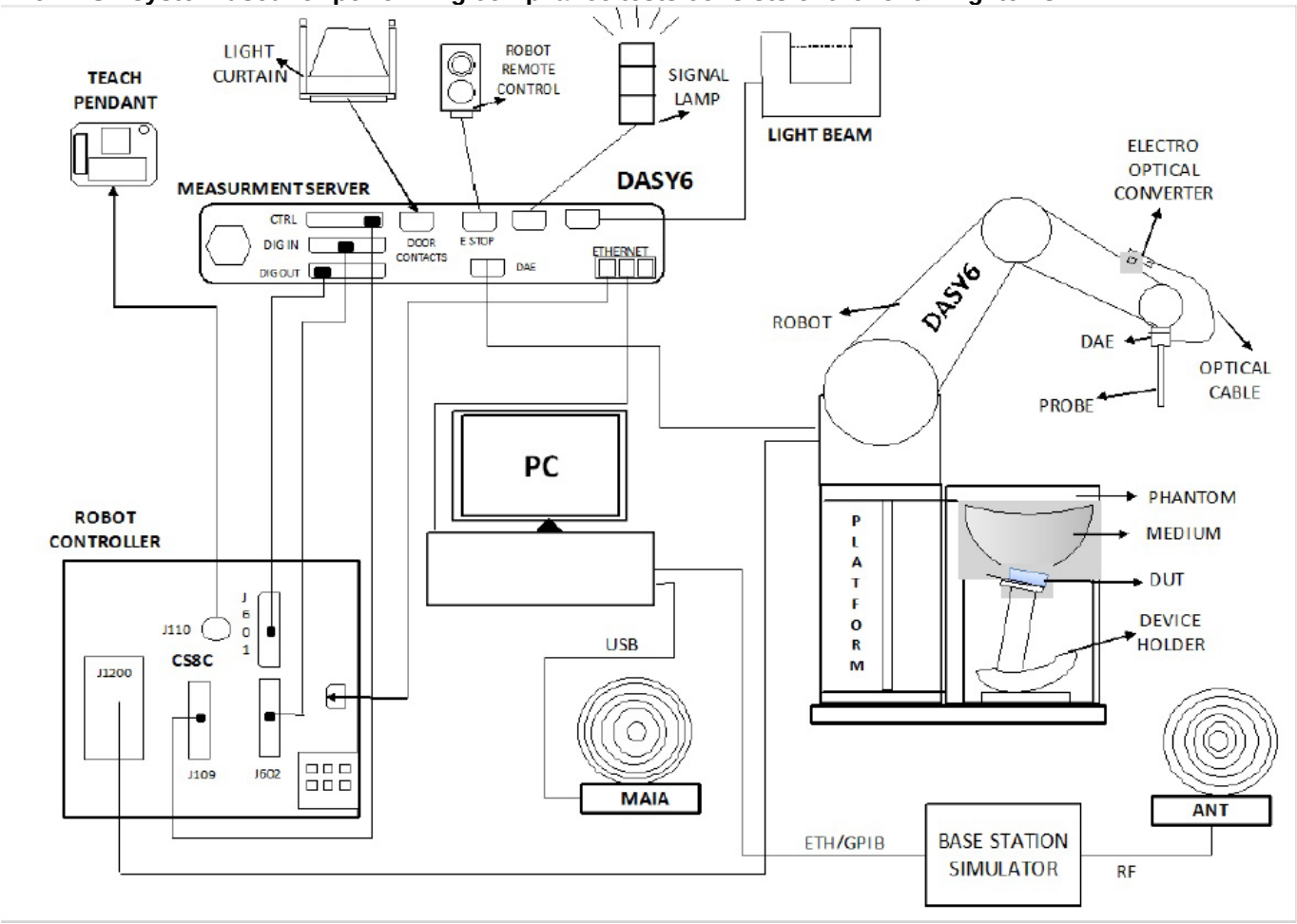
The Test Lab Conformity Assessment Body Identifier (CABID)

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

4. SAR Measurement System & Test Equipment

4.1. SAR Measurement System

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



- A standard high precision 6-axis robot with controller, teach pendant and software. An arm extension for accommodating the data acquisition electronics (DAE).
- An isotropic Field probe optimized and calibrated for the targeted measurement.
- A data acquisition electronics (DAE) which performs the signal amplification, signal multiplexing, AD-conversion, offset measurements, mechanical surface detection, collision detection, etc. The unit is battery powered with standard or rechargeable batteries. The signal is optically transmitted to the EOC.
- The Electro-optical converter (EOC) performs the conversion from optical to electrical signals for the digital communication to the DAE. To use optical surface detection, a special version of the EOC is required. The EOC signal is transmitted to the measurement server.
- The function of the measurement server is to perform the time critical tasks such as signal filtering, control of the robot operation and fast movement interrupts.
- The Light Beam used is for probe alignment. This improves the (absolute) accuracy of the probe positioning.
- A computer running Win7, Win10 and the DASY52[1] and DASY6[2] 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] DASY52 software used: DASY52.10.4 & S 14.6.14 and older generations.

[2] DASY6 software used: DASY6.14 & S 14.6.14 and older generations.

4.2. SAR Scan Procedures

Step 1: Power Reference Measurement

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

Step 2: Area Scan

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

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

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

Step 3: Zoom Scan

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

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

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

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

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

Step 4: Power drift measurement

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

4.3. Test Equipment

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

Name of Equipment	Manufacturer	Type/Model	Serial No.	Cal. Due Date
Network Analyzer	R&S	ZNLE6	171919	2/18/2023
Dielectric Probe Kit	SPEAG	DAK 3.5mm Probe	80345	11/16/2023
Shorting Block	SPEAG	DAK-3.5 Short	SM DAK 200 BA	11/16/2023
Thermometer	Fisher Scientific	Z540	T1130	8/1/2022
Network Analyzer	R&S	ZNLE6	13230012K56-101274-mn	2/15/2023
Dielectric Probe Kit	SPEAG	DAK 3.5mm Probe	1082	9/19/2022
Shorting Block	SPEAG	DAK-3.5 Short	SM DAK 200 BA	9/19/2022
Thermometer	Fisher Scientific	Z540	170064398	9/1/2022
Vector Reflectometer	Copper Mountain	DAKS VNA R140	170514	4/25/2023
Dielectric Probe Kit	Speag	DAK 3.5mm Probe	SM DAK 520 AA	3/9/2023
Shorting Block	Speag	DAK-3.5 Short	SM DAK 200 CA	3/9/2023
Thermometer	Traceable	4353	221312857	3/3/2024

System Check

Name of Equipment	Manufacturer	Type/Model	Serial No.	Cal. Due Date
Synthesized Signal Generator	Agilent	N5181A	MY50140610	1/26/2023
Power Meter	Keysignt	N1912a	MY55196007	1/25/2023
Power Sensor	Agilent	N1921A	MY52270022	1/25/2023
Power Sensor	Agilent	N1921A	MY5220012	1/25/2023
Amplifier	Miteq	147117-1E	1795093	N/A
Directional Coupler	SMA	C8060-102	2717	N/A
DC Power Supply	Sorensen	XT15-4	1817A02680	N/A
Synthesized Signal Generator	Agilent	N5181A	MY50140630	1/25/2023
Power Meter	Agilent	N1912A	MY50001018	1/25/2023
Power Sensor	Agilent	N1921A	MY53260010	2/3/2023
Power Sensor	Agilent	N1921A	MY5226009	1/25/2023
Amplifier	Miteq	1795092	147117-1E	N/A
Directional Coupler	SMA	C8050-102	4062	N/A
DC Power Supply	H/P	6296A	2841A-05955	N/A
Synthesized Signal Generator	R&S	SMB 100A	1406-6000K03-180970-zC	2/16/2023
Power Meter	HP	437B	3125U11364	1/25/2023
Power Sensor	HP	8481A	HA2022C004446	1/25/2023
Power Sensor	R&S	NRP50S	1419 0087K02-101250-pe	2/16/2023
Synthesized Signal Generator	R&S	SMB 100A	1406 600K03-180968-Gx	2/18/2023
Power Meter	HP	437B	HA2022C004449	1/25/2023
Power Sensor	HP	8481A	HA2022C004445	1/25/2023
Power Sensor	R&S	NRP18A	1424 6815K02-100992-iu	2/19/2023
Synthesized Signal Generator	Rohde & Schwarz	SMB 100A	1406.6000K03-180969-Yc	2/16/2023
Power Meter	Keysight	N1911A	MY55196015	1/26/1023
Power Sensor	Agilent	N1921A	MY53260001	1/25/2023
Power Sensor	Rohde & Schwarz	NRP18A	1424.6815K02-100994-RE	2/19/2023
Directional Coupler	Werlatone	C8060-102	2710	N/A
Synthesized Signal Generator	R & S	SMU 200A	102448	7/15/2023
Power Meter	R & S	NRP2	102818-pb	7/25/2022 *
Power Sensor	R & S	NRP-Z81	106316-XJ	8/28/2022
Amplifier	AR	20S1G4M4	337209	N/A
Directional Coupler	Krytar	158010	142255	N/A

Note(s):

*Equipment not used past calibration due date.

Lab Equipment

Name of Equipment	Manufacturer	Type/Model	Serial No.	Cal. Due Date
E-Field Probe (SAR Lab A)	SPEAG	EX3DV4	7501	3/25/2023
E-Field Probe (SAR Lab B)	SPEAG	EX3DV4	7498	3/24/2023
E-Field Probe (SAR Lab C)	SPEAG	EX3DV4	7500	3/25/2023
E-Field Probe (SAR Lab D)	SPEAG	EX3DV4	7587	4/27/2023
E-Field Probe (SAR Lab E)	SPEAG	EX3DV4	3885	9/23/2022
E-Field Probe (SAR Lab F)	SPEAG	EX3DV4	3749	11/16/2023
E-Field Probe (SAR Lab G)	SPEAG	EX3DV4	7585	4/27/2023
E-Field Probe (SAR Lab H)	SPEAG	EX3DV4	7448	2/25/2023
E-Field Probe (SAR Lab 1)	SPEAG	EX3DV4	3991	8/20/2022
E-Field Probe (SAR Lab 3)	SPEAG	EX3DV4	7356	3/24/2023
E-Field Probe (SAR Lab 4)	SPEAG	EX3DV4	3929	3/23/2023
E-Field Probe (SAR Lab 6)	SPEAG	EX3DV4	3990	2/25/2023
E-Field Probe (SAR Lab 8)	SPEAG	EX3DV4	3773	2/28/2023
E-Field Probe (SAR Lab 10)	SPEAG	EX3DV4	3989	1/19/2023
E-Field Probe (SAR Lab 11)	SPEAG	EX3DV4	7482	4/26/2023
E-Field Probe (SAR Lab 12)	SPEAG	EX3DV4	3686	1/18/2023
E-Field Probe (SAR Lab 13)	SPEAG	EX3DV4	7589	4/28/2023
Data Acquisition Electronics (SAR Lab A)	SPEAG	DAE4	1546	3/22/2023
Data Acquisition Electronics (SAR Lab B)	SPEAG	DAE4	1258	3/22/2023
Data Acquisition Electronics (SAR Lab C)	SPEAG	DAE4	1545	3/23/2023
Data Acquisition Electronics (SAR Lab D)	SPEAG	DAE4	1239	8/11/2022
Data Acquisition Electronics (SAR Lab E)	SPEAG	DAE4	1377	9/20/2022
Data Acquisition Electronics (SAR Lab F)	SPEAG	DAE4	1257	9/15/2022
Data Acquisition Electronics (SAR Lab G)	SPEAG	DAE4	1472	1/7/2023
Data Acquisition Electronics (SAR Lab H)	SPEAG	DAE4	1544	1/7/2023
Data Acquisition Electronics (SAR Lab 1)	SPEAG	DAE4	1359	1/7/2023
Data Acquisition Electronics (SAR Lab 3)	SPEAG	DAE4	1540	1/11/2023
Data Acquisition Electronics (SAR Lab 4)	SPEAG	DAE4	1433	2/23/2023
Data Acquisition Electronics (SAR Lab 6)	SPEAG	DAE4	1621	4/21/2023
Data Acquisition Electronics (SAR Lab 8)	SPEAG	DAE4	1352	11/9/2022
Data Acquisition Electronics (SAR Lab 10)	SPEAG	DAE4	1547	4/21/2023
Data Acquisition Electronics (SAR Lab 11)	SPEAG	DAE4	1548	2/23/2023
Data Acquisition Electronics (SAR Lab 12)	SPEAG	DAE4	1380	8/11/2022
Data Acquisition Electronics (SAR Lab 13)	SPEAG	DAE4	1263	11/12/2022

Lab Equipment

Name of Equipment	Manufacturer	Type/Model	Serial No.	Cal. Due Date
System Validation Dipole	SPEAG	D750V3	1019	4/26/2023
System Validation Dipole	SPEAG	D835V2	4d142	8/10/2022
System Validation Dipole	SPEAG	D900V2	1d143	9/29/2022
System Validation Dipole	SPEAG	D1640V2	324	3/8/2023
System Validation Dipole	SPEAG	D1750V2	1050	4/27/2023
System Validation Dipole	SPEAG	D1750V2	1077	9/29/2022
System Validation Dipole	SPEAG	D1900V2	5d163	9/29/2022
System Validation Dipole	SPEAG	D2300V2	1058	9/29/2022
System Validation Dipole	SPEAG	D2450V2	706	1/13/2023
System Validation Dipole	SPEAG	D2450V2	748	2/22/2023
System Validation Dipole	SPEAG	D2600V2	1006	9/29/2022
System Validation Dipole	SPEAG	D3500V2	1060	2/25/2023
System Validation Dipole	SPEAG	D3500V2	1011	4/21/2023
System Validation Dipole	SPEAG	D3700V2	1039	5/6/2023
System Validation Dipole	SPEAG	D3900V2	1052	9/16/2022
System Validation Dipole	SPEAG	D5GHzV2	1168	11/24/2022
System Validation Dipole	SPEAG	D5GHzv2	1003	2/23/2023

Note(s):

*Equipment not used past calibration due date.

OTHER

Name of Equipment	Manufacturer	Type/Model	T Number	Serial No.	Cal. Due Date
Wideband Radio Communication Tester	R&S	CMW 500	85940	137877	2/18/2023
Wideband Radio Communication Tester	R&S	CMW 500	85719	135390	2/20/2023
Wideband Radio Communication Tester	R&S	CMW 500	80580	132910	2/19/2023
Wideband Radio Communication Tester	R&S	CMW 500	85698	135393	2/18/2023
Wideband Radio Communication Tester	R&S	CMW 500	81849	124594	2/18/2023
Wideband Radio Communication Tester	R&S	CMW 500	85348	125236	2/15/2023
Wideband Radio Communication Tester	R&S	CMW 500	209235	170415	2/22/2023
Wideband Radio Communication Tester	R&S	CMW 500	208643	170416	2/15/2023
Wideband Radio Communication Tester	R&S	CMW 500	85789	137873	2/16/2023
Wideband Radio Communication Tester	R&S	CMW 500	85781	135384	2/16/2023
Wideband Radio Communication Tester	R&S	CMW 500	85763	134852	2/20/2023
Wideband Radio Communication Tester	R&S	CMW 500	85727	134854	2/21/2023
Wideband Radio Communication Tester	R&S	CMW 500	86119	137875	2/17/2023
Power Meter	Keysight Technologies	N1912A	N/A	MY55196007	1/25/2023
Power Sensor	Agilent	N1921A	N/A	MY52270022	1/25/2023
Power Meter	Keysight Technologies	N1912A	N/A	MY55196004	1/26/2023
Power Sensor	Agilent	N1921A	N/A	MY53020038	3/2/2023

5. Measurement Uncertainty

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

Therefore, the measurement uncertainty is not required.

6. Device Under Test (DUT) Information

6.1. DUT Description

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

All Models have the same PCB layout, circuit design, common components, antennas and antenna locations. Their cellular modem, Wi-Fi, BT, NFC, WPT, UWB and MSS transmitters are identical.

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

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

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

There are three vendors of the Wi-Fi/Bluetooth radio modules: variant 1, 2, and 3. 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. It is confirmed that Variant 1 represents the worst case.

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

Device Dimension	Overall (Length x Width): 160.84 mm x 78.07 mm Overall Diagonal: 178.82 mm (7.04 inch) Display Diagonal: 169.67 mm (6.68 inch)
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 WWAN data connection with other Wi-Fi-enabled devices. ☒ Mobile Hotspot (Wi-Fi 2.4 GHz) ☒ Mobile Hotspot Wi-Fi 5.2(UNII-1)/5.8 GHz(UNII-3)
AirPlay	AirPlay mode enabled devices transfer data directly between each other ☒ AirPlay (Wi-Fi 2.4 GHz) ☒ AirPlay (Wi-Fi 5 GHz)
Bluetooth Tethering (Hotspot)	BT Tethering mode permits the device to share its cellular data connection with other devices. ☒ BT Tethering (Bluetooth 2.4 GHz)

6.2. Wireless Technologies

Wireless technologies	Frequency bands	Operating mode		Duty Cycle used for SAR testing
GSM	850 1900	Voice (GMSK) GPRS (GMSK) EDGE (8PSK)	GSM Class : B Multi-Slot Class: Class 10 - 2 Up, 4 Down	GSM Voice: 12.5% (E)GPRS: 1 Slot: 12.5% 2 Slots: 25%
		Does this device support DTM (Dual Transfer Mode)? ☐ Yes ☒ No		
W-CDMA (UMTS)	Band 2 Band 4 Band 5	UMTS Rel. 99 (Voice & Data) HSDPA (Rel. 5) HSUPA (Rel. 6) HSPA+ (Rel. 7) DC-HSDPA (Rel. 8)		100%
LTE[4]	FDD Band 2 FDD Band 4 FDD Band 5 FDD Band 7 FDD Band 12 FDD Band 13 FDD Band 14 FDD Band 17 FDD Band 25 FDD Band 26 FDD Band 29 (DL Only) FDD Band 30 TDD Band 41[2] TDD Band 46 (DL Only) TDD Band 48 TDD Band 53 FDD Band 66 FDD Band 71 **Carrier Aggregation**[3] FDD Band 5B FDD Band 7C TDD Band 41C[2] TDD Band 48C	QPSK 16QAM 64AQM 256QAM Carrier Aggregation (2 Uplinks and 6 Downlinks)		100% (FDD) 63.3% (TDD) Power Class 3 43.3% (TDD) Power Class 2 Refer to §6.4
		Does this device support SV-LTE (1xRTT-LTE)? ☐ Yes ☒ No		
5G NR (FR1)	FDD band n2 FDD band n5 FDD band n7 FDD band n12 FDD band n14 FDD band n25 FDD band n26 FDD band n29 (DL Only) FDD band n30 TDD band n41[2] TDD band n53 FDD band n66 FDD band n70 FDD band n71 TDD band n77[2]	CP-OFDM: Pi/2 BPSK, QPSK, 16QAM, 64QAM, 256QAM DFT-s-OFDM: QPSK, 16QAM, 64QAM, 256QAM		100% (FDD) 100% (TDD) Power Class 3 50% (TDD) Power Class 2
Wi-Fi	2.4 GHz[1]	802.11b 802.11g 802.11n (HT20) 802.11ac (HT20) 802.11ax (HE20)		99.89% (802.11b)
	5 GHz[1]	802.11a 802.11n (HT20) 802.11n (HT40) 802.11ac (VHT20) 802.11ac (VHT40) 802.11ac (VHT80)		97.47% (802.11a/n/ac 20MHz BW) 95.75% (802.11n/ac/ax 40MHz BW) 91.43% (802.11n/ac/ax 80MHz BW)

		802.11ax (HE20) 802.11ax (HE40) 802.11ax (HE80)	
		Does this device support bands 5.60 ~ 5.65 GHz? ☒ Yes ☐ No	
		Does this device support Band gap channel(s)? ☒ Yes ☐ No	
Bluetooth	2.4 GHz [1]	BR, EDR, LE, and HDR	100%
NFC[5]	13.56 MHz	Type A/B/F and ISO15693	N/A
UWB[5] (Ultra-Wideband)	6.5 GHz and 8 GHz	BPM-BPSK	100%
MSS (Mobile Satellite Service)	1610 – 1626.5 MHz	1-PRB SC-FDMA	100%

Note(s):

1. Duty cycle for Wi-Fi and BT is referenced from the DTS and U-NII and BT reports.
2. This device supports Power Class 2 and Power Class 3.
3. LTE Uplink 2CA is the total combined power of the UL CA.
4. LTE Uplink Cat 13, LTE 3GPP Rel-13 (LTE 3GPP Rel-14 for B41 PC2)
5. UWB and NFC RF exposure testing is categorically excluded.

6.3. General LTE SAR Test and Reporting Considerations

Item	Description						
Frequency range, Channel Bandwidth, Numbers and Frequencies	Band 2	Frequency range: 1850 - 1910 MHz (BW = 60 MHz)					
		Channel Bandwidth					
		20 MHz	15 MHz	10 MHz	5 MHz	3 MHz	1.4 MHz
	Low	**18700 /1860**	18675/ 1857.5	18650/ 1855	18625/ 1852.5	18615/ 1851.5	18607/ 1850.7
	Mid	**18900/ 1880**	18900/ 1880	18900/ 1880	18900/ 1880	18900/ 1880	18900/ 1880
	High	**19100/ 1900**	19125/ 1902.5	19150/ 1905	19175/ 1907.5	19185/ 1908.5	19193/ 1909.3
	Band 4	Frequency range: 1710 - 1755 MHz (BW = 45 MHz)					
		Channel Bandwidth					
		20 MHz [1]	15 MHz	10 MHz	5 MHz	3 MHz	1.4 MHz
	Low	20050/ 1720	20025/ 1717.5	20000/ 1715	19975/ 1712.5	19965/ 1711.5	19957/ 1710.7
	Mid	**20175/ 1732.5**	20175/ 1732.5	20175/ 1732.5	20175/ 1732.5	20175/ 1732.5	20175/ 1732.5
	High	20300/ 1745	20325/ 1747.5	20350/ 1750	20375/ 1752.5	20385/ 1753.5	20393/ 1754.3
	Band 5	Frequency range: 824 - 849 MHz (BW = 25 MHz)					
		Channel Bandwidth					
		20 MHz	15 MHz	10 MHz [1]	5 MHz	3 MHz	1.4 MHz
	Low			20450/ 829	20425/ 826.5	20415/ 825.5	20407/ 824.7
	Mid			**20525/ 836.5**	20525/ 836.5	20525/ 836.5	20525/ 836.5
	High			20600/ 844	20625/ 846.5	20635/ 847.5	20643/ 848.3
	Band 7	Frequency range: 2500 - 2570 MHz (BW = 70 MHz)					
		Channel Bandwidth					
		20 MHz	15 MHz	10 MHz	5 MHz	3 MHz	1.4 MHz
	Low	**20850 2510**	20825 2507.5	20800 2505	20775 2502.5		
	Mid	**21100 2535**	21100 2535	21100 2535	21100 2535		
	High	**21350 2560**	21375 2562.5	21400 2565	21425 2567.5		
	Band 12	Frequency range: 699 – 716 MHz (BW = 17 MHz)					
		Channel Bandwidth					
		20 MHz	15 MHz	10 MHz [1]	5 MHz	3 MHz	1.4 MHz
	Low			23060/ 704	23035/ 701.5	23025/ 700.5	23017/ 699.7
	Mid			**23095/ 707.5**	23095/ 707.5	23095/ 707.5	23095/ 707.5
	High			23130/ 711	23155/ 713.5	23165/ 714.5	23173/ 715.3
	Band 13	Frequency range: 777 - 787 MHz (BW = 10 MHz)					
		Channel Bandwidth					
		20 MHz	15 MHz	10 MHz [1]	5 MHz [1]	3 MHz	1.4 MHz
	Low				23205/ 779.5		
	Mid			**23230/ 782**	23230/ 782		
	High				23255/ 784.5		
	Band 14	Frequency range: 788 - 798 MHz (BW = 10 MHz)					
		Channel Bandwidth					
		20 MHz	15 MHz	10 MHz [1]	5 MHz [1]	3 MHz	1.4 MHz
	Low				23305/ 790.5		
	Mid			**23330/ 793**	23330/ 793		
	High				23355/		

					795.5		
Band 17	Frequency range: 704 - 716 MHz (BW = 12 MHz)						
	Channel Bandwidth						
	20 MHz	15 MHz	10 MHz [1]	5 MHz [1]	3 MHz	1.4 MHz	
Low			23780/ 709	23755/ 706.5			
Mid			**23790/ 710**	23790/ 710			
High			23800/ 711	23825/ 713.5			
Band 25	Frequency range: 1850 - 1915 MHz (BW = 65 MHz)						
	Channel Bandwidth						
	20 MHz	15 MHz	10 MHz	5 MHz	3 MHz	1.4 MHz	
Low	**26140/ 1860**	26115/ 1857.5	26090/ 1855	26065/ 1852.5	26055/ 1851.5	26047/ 1850.7	
Mid	**26365/ 1882.5**	26365/ 1882.5	26365/ 1882.5	26365/ 1882.5	26365/ 1882.5	26365/ 1882.5	
High	**26590/ 1905**	26615/ 1907.5	26640/ 1910	26665/ 1912.5	26675/ 1913.5	26683/ 1914.3	
Band 26	Frequency range: 814 - 849 MHz (BW = 35 MHz)						
	Channel Bandwidth						
	20 MHz	15 MHz	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**						
Low-Mid	**40185 / 2549.5**						
Mid	**40620 / 2593.0**						
Mid-High	**41055 / 2636.5**						
High	**41490 / 2680.0**						
Band 48	Frequency range: 3550 - 3700 MHz (BW = 150 MHz)						
	Channel Bandwidth						
	20 MHz	15 MHz	10 MHz	5 MHz	3 MHz	1.4 MHz	
Low	**55340/ 3560**	55315/ 3557.5	55290/ 3555	55265/ 3552.5			
Mid-Low	**55773/ 3603.3**	55765/ 3602.5	55757/ 3601.7	55748/ 3600.8			
Mid-High	**56207/ 3646.7**	56215/ 3647.5	56223/ 3648.3	56232/ 3649.2			
High	**56640/ 3690**	56665/ 3692.5	56690/ 3695	56715/ 3697.5			
Band 53	Frequency range: 2483.5 - 2495 MHz (BW = 11.5 MHz)						
	Channel Bandwidth						
	20 MHz	15 MHz	10 MHz	5 MHz	3 MHz	1.4 MHz	
Low					2485/ 60115	2484.2/ 60147	
Mid			60197/ 2489.5	60197/ 2489.5	60197/ 2489.5	60197/ 2489.5	
High					2493.5/ 60240	2494.3/ 60248	

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

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

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

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

Notes:

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

6.4. LTE (TDD) Considerations

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

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

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

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

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

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

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

Note(s):

This device supports uplink-downlink configurations 0-6. The configuration with highest duty cycle was used for SAR Testing: configuration 0 at 63.3%(Power Class 3) and configuration 1 at 43.3%(Power Class 2) duty cycle.

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

n2	SCS (kHz)	Frequency range: 1850 - 1910 MHz (BW = 60 MHz)												
		Channel Bandwidth (MHz)												
		100	90	80	70	60	50	40	30	25	20	15	10	5
Low	15										372000 /1860	371500 /1857.5	371000 /1855	370500 /1852.5
Mid	15										376000 /1880	376000 /1880	376000 /1880	376000 /1880
High	15										380000 /1900	380500 /1902.5	381000 /1905	381500 /1907.5
n5	SCS (kHz)	Frequency range: 824 - 849 MHz (BW = 25 MHz)												
		Channel Bandwidth (MHz)												
		100	90	80	70	60	50	40	30	25	20	15	10	5
Low	15										166800 /834	166300 /831.5	165800 /829	165300 /826.5
Mid	15										167300 /836.5	167300 /836.5	167300 /836.5	167300 /836.5
High	15										167800 /839	168300 /841.5	168800 /844	169300 /846.5
n7	SCS (kHz)	Frequency range: 2500 - 2570 MHz (BW = 70 MHz)												
		Channel Bandwidth (MHz)												
		100	90	80	70	60	50	40	30	25	20	15	10	5
Low	15							504000 /2520	503000 /2515	502500 /2512.5	502000 /2510	501500 /2507.5	501000 /2505	500500 /2502.5
Mid	15							507000 /2535	507000 /2535	507000 /2535	507000 /2535	507000 /2535	507000 /2535	507000 /2535
High	15							510000 /2550	511000 /2555	511500 /2557.5	512000 /2560	512500 /2562.5	513000 /2565	513500 /2567.5
n12	SCS (kHz)	Frequency range: 699 - 716 MHz (BW = 17 MHz)												
		Channel Bandwidth (MHz)												
		100	90	80	70	60	50	40	30	25	20	15	10	5
Low	15											141300 /706.5	140800 /704	140300 /701.5
Mid	15											141500 /707.5	141500 /707.5	141500 /707.5
High	15											141700 /708.5	142200 /711	142700 /713.5
n14	SCS (kHz)	Frequency range: 788 - 798 MHz (BW = 10 MHz)												
		Channel Bandwidth (MHz)												
		100	90	80	70	60	50	40	30	25	20	15	10	5
Low	15												158600 /793	158100 /790.5
Mid	15												158600 /793	158600 /793
High	15												158600 /793	159100 /795.5
n25	SCS (kHz)	Frequency range: 1850 - 1915 MHz (BW = 65 MHz)												
		Channel Bandwidth (MHz)												
		100	90	80	70	60	50	40	30	25	20	15	10	5
Low	15							374000 /1870	373000 /1865	372500 /1862.5	372000 /1860	371500 /1857.5	371000 /1855	370500 /1852.5
Mid	15							376500 /1882.5	376500 /1882.5	376500 /1882.5	376500 /1882.5	376500 /1882.5	376500 /1882.5	376500 /1882.5
High	15							379000 /1895	380000 /1900	380500 /1902.5	381000 /1905	381500 /1907.5	382000 /1910	382500 /1912.5
n26	SCS (kHz)	Frequency range: 814 - 849 MHz (BW = 35 MHz)												
		Channel Bandwidth (MHz)												
		100	90	80	70	60	50	40	30	25	20	15	10	5
Low	15										164800 /824	164300 /821.5	163800 /819	163300 /816.5
Mid	15										166300 /831.5	166300 /831.5	166300 /831.5	166300 /831.5
High	15										167800 /839	168300 /841.5	168800 /844	169300 /846.5
n30	SCS (kHz)	Frequency range: 2305 - 2315 MHz (BW = 10 MHz)												
		Channel Bandwidth (MHz)												
		100	90	80	70	60	50	40	30	25	20	15	10	5
Low	15													461500 /2307.5
Mid	15												462000 /2310	462000 /2310
High	15													462500 /2312.5
n41	SCS (kHz)	Frequency range: 2496 - 2690 MHz (BW = 194 MHz)												
		Channel Bandwidth (MHz)												
		100	90	80	70	60	50	40	30	25	20	15	10	5
Low	30	509196 /2545.98	508200 /2541	507198 /2535.99	506196 /2530.98	505200 /2526	504198 /2520.99	503196 /2515.98	502200 /2511		501198 /2505.99			
Low-Mid	30	513900 /2569.5	513396 /2566.98	512898 /2564.49	512400 /2562	511896 /2559.48	511398 /2556.99	510900 /2554.5	510396 /2551.98		509898 /2549.49			
Mid	30	518598 /2592.99	518598 /2592.99	518598 /2592.99	518598 /2592.99	518598 /2592.99	518598 /2592.99	518598 /2592.99	518598 /2592.99		518598 /2592.99			
Mid-High	30	523296 /2616.48	523800 /2619	524298 /2621.49	524796 /2623.98	525300 /2626.5	525798 /2628.99	526296 /2631.48	526800 /2634		527298 /2636.49			
High	30	527994 /2639.97	528996 /2644.98	529998 /2649.99	530994 /2654.97	531996 /2659.98	532998 /2664.99	533994 /2669.97	534996 /2674.98		535998 /2679.99			

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

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

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

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

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

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

SCS	15 kHz (n2, n5, n7, n12, n14, n25, n26, n30, n66, n70, n71) 30 kHz (n41, 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 2/4/25/26/41/66
LTE Anchor Bands for NR band n53	LTE Band 48

LTE Anchor Bands for NR band n66	LTE Band 2/5/7/12/13/14/30/48/71
LTE Anchor Bands for NR band n70	N/A
LTE Anchor Bands for NR band n71	LTE Band 2/7/48/66
LTE Anchor Bands for NR band n77	LTE Band 2/5/7/12/13/14/30/41/66/71

Notes:

1. Maximum bandwidth does not support at least three non-overlapping channels in certain channel bandwidths. When a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing per FCC Guidance.
2. SAR test for NR bands and LTE anchor Bands were performed separately due to limitations in SAR probe calibration factors. And, due to test setup limitations, SAR testing for NR was performed using test mode software to establish the connection.
3. FR1 supported standalone.

6.6. Time-Average Feature

The equipment under test (EUT) incorporates the Smart Transmit (SmartTX) SAR averaging algorithm provided by Qualcomm for cellular technologies. Smart Transmit controls the Tx power of the cellular-based wireless device in real-time to maintain the time-averaged Tx power, and in turn, time-averaged RF exposure, below the predefined time-average power limit characterized for each technology and band.

The purpose of the Part 1 test in this report is to demonstrate that the EUT meets the FCC SAR limits when transmitting in static transmission scenario at maximum allowable time-averaged power levels.

The Smart Transmit algorithm maintains the time-averaged transmit power, in turn, time-averaged RF exposure of SAR_design_target or PD_design_target, below the predefined time-average power limit, for each characterized technology and band.

Smart Transmit allows the device to transmit at higher power instantaneously as high as P_{max}, when needed, but enforces power limiting to maintain time-averaged transmit power to P_{limit}. Below table shows P_{limit} EFS settings and maximum tune up output power P_{max} configured for this EUT for various transmit conditions (DSI – Device State Index).

The maximum time-averaged output power (dBm) for any 2G/3G/4G/5G NR WWAN technology band, and DSI = minimum of "P_{limit} EFS" and "Maximum tune up output power P_{max}" includes device uncertainty.

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

P_{design}	The power level that corresponds to the exposure design target (SAR_design_target) after accounting for all device design related uncertainties.
P_{limit}	Maximum tune-up output power for SAR Mode A and Mode B
P_{max}	Maximum tune-up output power for RF
SAR Characterization	Table containing P_{limit} for all technologies and bands

SAR Characterization

Exposure Scenario			Head				Body-worn & Hotspot				P_{max} (dBm) Tune-up power table	
Spatial-average			1g				1g					
Test Distance			0 mm				5 mm					
Power Mode (DSI)		factor	Mode A (DSI=0)				Mode B (DSI=1)					
Antenna	Tech/Band		P_{design} (dBm) corresponding to 10 W/kg (SAR design target)	P_{limit} (dBm) Tune-up power table	P_{design} (dBm) corresponding to 10 W/kg (SAR design target)	P_{limit} (dBm) Tune-up power table	P_{design} (dBm) corresponding to 10 W/kg (SAR design target)	P_{limit} (dBm) Tune-up power table	P_{design} (dBm) corresponding to 10 W/kg (SAR design target)	P_{limit} (dBm) Tune-up power table		
	Transmit Average		Burst Average		Frame Average		Burst Average		Frame Average		Burst Average	Frame Average
ANT1	GSM 850 2 slots[1]	0.25	38.85	32.50	32.83	26.48	30.52	30.00	24.50	23.98	32.50	26.48
	GSM 1900 2 slots[1]	0.25	38.48	31.00	32.46	24.98	28.91	27.50	22.89	21.48	31.00	24.98
	W-CDMA B2	1	30.34	25.70	30.34	25.70	22.66	21.50	22.66	21.50	25.70	25.70
	W-CDMA B4	1	36.51	25.20	36.51	25.20	19.57	19.10	19.57	19.10	25.70	25.70
	W-CDMA B5	1	33.00	25.70	33.00	25.70	24.28	24.00	24.28	24.00	25.70	25.70
	LTE Band 5	1	32.23	25.70	32.23	25.70	25.09	24.00	25.09	24.00	25.70	25.70
	LTE Band 7	1	29.60	25.30	29.60	25.30	20.24	19.70	20.24	19.70	25.70	25.70
	LTE Band 12/17	1	33.64	25.70	33.64	25.70	27.86	25.70	27.86	25.70	25.70	25.70
	LTE Band 13	1	32.65	25.70	32.65	25.70	26.34	25.40	26.34	25.40	25.70	25.70
	LTE Band 14	1	32.39	25.70	32.39	25.70	26.48	25.40	26.48	25.40	25.70	25.70
	LTE Band 25/2	1	30.00	25.70	30.00	25.70	22.65	21.50	22.65	21.50	25.70	25.70
	LTE Band 26	1	32.72	25.70	32.72	25.70	25.09	24.00	25.09	24.00	25.70	25.70
	LTE Band 30	1	28.96	25.70	28.96	25.70	21.70	21.40	21.70	21.40	25.70	25.70
	LTE Band 41[1]	0.633	33.49	25.70	31.50	23.71	22.44	22.20	20.46	20.21	25.70	23.71
	LTE Band 53	0.633	31.79	20.70	29.80	18.71	24.21	20.70	22.23	18.71	20.70	18.71
	LTE Band 66/4	1	34.75	25.20	34.75	25.20	19.66	19.10	19.66	19.10	25.70	25.70
	LTE Band 71	1	34.06	25.70	34.06	25.70	28.64	25.70	28.64	25.70	25.70	25.70
	NR n5	1	32.62	25.70	32.62	25.70	25.40	24.00	25.40	24.00	25.70	25.70
	NR n7	1	30.88	25.30	30.88	25.30	20.94	19.70	20.94	19.70	25.70	25.70
	NR n12	1	33.48	25.70	33.48	25.70	27.13	25.70	27.13	25.70	25.70	25.70
	NR n14	1	32.67	25.70	32.67	25.70	26.73	25.40	26.73	25.40	25.70	25.70
	NR n25/2	1	29.51	25.70	29.51	25.70	22.53	21.50	22.53	21.50	25.70	25.70
	NR n26	1	32.07	25.70	32.07	25.70	25.49	24.00	25.49	24.00	25.70	25.70
	NR n30	1	29.20	25.70	29.20	25.70	21.68	21.40	21.68	21.40	25.70	25.70
	NR n41[1]	1	32.07	25.50	32.07	25.50	21.51	20.20	21.51	20.20	25.70	25.70
	NR n53[1]	1	28.96	20.70	28.96	20.70	20.52	20.20	20.52	20.20	20.70	20.70
	NR n66	1	32.19	25.20	32.19	25.20	19.99	19.10	19.99	19.10	25.70	25.70
	NR n70	1	37.71	25.20	37.71	25.20	19.91	19.10	19.91	19.10	25.70	25.70
	NR n71	1	34.51	25.70	34.51	25.70	28.06	25.70	28.06	25.70	25.70	25.70

Exposure Scenario			Head				Body-worn & Hotspot				P_{max} (dBm) Tune-up power table	
Spatial-average			1g				1g					
Test Distance			0 mm				5 mm					
Power Mode (DSI)		factor	Mode A (DSI=0)				Mode B (DSI=1)					
Antenna	Tech/Band		P_{design} (dBm) corresponding to 10 W/kg (SAR design target)	P_{limit} (dBm) Tune-up power table	P_{design} (dBm) corresponding to 10 W/kg (SAR design target)	P_{limit} (dBm) Tune-up power table	P_{design} (dBm) corresponding to 10 W/kg (SAR design target)	P_{limit} (dBm) Tune-up power table	P_{design} (dBm) corresponding to 10 W/kg (SAR design target)	P_{limit} (dBm) Tune-up power table		
	Transmit Average		Burst Average		Frame Average		Burst Average		Frame Average		Burst Average	Frame Average
ANT2	GSM 850 2 slots[1]	0.25	29.35	28.50	23.33	22.48	32.35	31.10	26.33	25.08	31.10	25.08
	GSM 1900 2 slots[1]	0.25	25.16	24.90	19.14	18.88	27.31	25.50	21.29	19.48	28.50	22.48
	W-CDMA B2	1	19.27	18.90	19.27	18.90	20.28	19.50	20.28	19.50	23.40	23.40
	W-CDMA B4	1	19.74	19.20	19.74	19.20	20.19	19.60	20.19	19.60	23.40	23.40
	W-CDMA B5	1	22.82	22.50	22.82	22.50	25.81	24.70	25.81	24.70	24.70	24.70
	LTE Band 5	1	22.93	22.50	22.93	22.50	25.38	24.70	25.38	24.70	24.70	24.70
	LTE Band 7	1	17.17	16.90	17.17	16.90	18.70	18.10	18.70	18.10	23.20	23.20
	LTE Band 12/17	1	23.49	23.00	23.49	23.00	27.38	24.70	27.38	24.70	24.70	24.70
	LTE Band 13	1	24.15	23.70	24.15	23.70	25.96	24.70	25.96	24.70	24.70	24.70
	LTE Band 14	1	25.42	23.70	25.42	23.70	26.59	24.70	26.59	24.70	24.70	24.70
	LTE Band 25/2	1	19.34	18.90	19.34	18.90	19.85	19.50	19.85	19.50	23.40	23.40
	LTE Band 26	1	23.02	22.50	23.02	22.50	25.57	24.70	25.57	24.70	24.70	24.70
	LTE Band 30	1	19.74	19.40	19.74	19.40	20.58	20.30	20.58	20.30	23.20	23.20
	LTE Band 41[1]	0.633	18.94	18.60	16.96	16.61	20.34	20.10	18.35	18.11	25.70	23.71
	LTE Band 53	0.633	19.00	18.60	17.02	16.61	20.79	20.10	18.80	18.11	20.70	18.71
	LTE Band 66/4	1	19.82	19.20	19.82	19.20	19.91	19.60	19.91	19.60	25.70	25.70
	LTE Band 71	1	23.82	23.10	23.82	23.10	27.57	24.70	27.57	24.70	24.70	24.70
	NR n5	1	24.28	22.50	24.28	22.50	25.30	24.70	25.30	24.70	24.70	24.70
	NR n7	1	17.23	16.90	17.23	16.90	18.61	18.10	18.61	18.10	23.20	23.20
	NR n12	1	24.39	23.00	24.39	23.00	27.78	24.70	27.78	24.70	24.70	24.70
	NR n14	1	24.44	23.70	24.44	23.70	26.33	24.70	26.33	24.70	24.70	24.70
	NR n25/2	1	19.49	18.90	19.49	18.90	20.33	19.50	20.33	19.50	23.40	23.40
	NR n26	1	23.49	22.50	23.49	22.50	25.47	24.70	25.47	24.70	24.70	24.70
	NR n30	1	19.64	19.40	19.64	19.40	20.64	20.30	20.64	20.30	23.20	23.20
	NR n41[1]	1	16.83	16.60	16.83	16.60	18.82	18.10	18.82	18.10	25.70	25.70
	NR n53[1]	1	17.02	16.60	17.02	16.60	18.99	18.10	18.99	18.10	20.70	20.70
	NR n66	1	19.59	19.20	19.59	19.20	20.04	19.60	20.04	19.60	25.70	25.70
	NR n70	1	21.00	19.20	21.00	19.20	20.78	19.60	20.78	19.60	25.70	25.70
	NR n71	1	24.32	23.10	24.32	23.10	27.58	24.70	27.58	24.70	24.70	24.70

Exposure Scenario			Head				Body-worn & Hotspot				P_{max} (dBm) Tune-up power table	
Spatial-average			1g				1g					
Test Distance			0 mm				5 mm					
Power Mode (DSI)		factor	Mode A (DSI=0)				Mode B (DSI=1)					
Antenna	Tech/Band		P_{design} (dBm) corresponding to 10 W/kg (SAR_design_target)	P_{limit} (dBm) Tune-up power table	P_{design} (dBm) corresponding to 10 W/kg (SAR_design_target)	P_{limit} (dBm) Tune-up power table	P_{design} (dBm) corresponding to 10 W/kg (SAR_design_target)	P_{limit} (dBm) Tune-up power table	P_{design} (dBm) corresponding to 10 W/kg (SAR_design_target)	P_{limit} (dBm) Tune-up power table		
	Transmit Average		Burst Average		Frame Average		Burst Average		Frame Average		Burst Average	Frame Average
ANT3	GSM 1900 2 slots[1]	0.25	34.52	30.50	28.50	24.48	26.05	25.70	20.03	19.68	30.50	24.48
	W-CDMA B2	1	29.17	25.10	29.17	25.10	20.48	19.70	20.48	19.70	25.20	25.20
	W-CDMA B4	1	30.28	25.20	30.28	25.20	20.97	20.70	20.97	20.70	25.20	25.20
	LTE Band 7	1	29.01	24.50	29.01	24.50	21.69	20.60	21.69	20.60	25.00	25.00
	LTE Band 25/2	1	28.18	25.10	28.18	25.10	20.12	19.70	20.12	19.70	25.20	25.20
	LTE Band 30	1	27.08	23.60	27.08	23.60	20.88	20.40	20.88	20.40	23.60	23.60
	LTE Band 41[1]	0.633	30.63	25.70	28.64	23.71	21.53	21.20	19.55	19.21	25.70	23.71
	LTE Band 66/4	1	28.70	25.20	28.70	25.20	21.25	20.70	21.25	20.70	25.20	25.20
	NR n7	1	28.81	24.50	28.81	24.50	21.22	20.60	21.22	20.60	25.00	25.00
	NR n25/2	1	28.95	25.10	28.95	25.10	20.04	19.70	20.04	19.70	25.20	25.20
	NR n30	1	28.01	23.60	28.01	23.60	20.98	20.40	20.98	20.40	23.60	23.60
	NR n41[1]	1	26.77	24.60	26.77	24.60	19.91	19.20	19.91	19.20	25.70	25.70
	NR n66	1	28.79	25.20	28.79	25.20	21.16	20.70	21.16	20.70	25.20	25.20
	NR n70	1	29.04	25.20	29.04	25.20	21.72	20.70	21.72	20.70	25.20	25.20

Exposure Scenario			Head				Body-worn & Hotspot				P_{max} (dBm) Tune-up power table	
Spatial-average			1g				1g					
Test Distance			0 mm				5 mm					
Power Mode (DSI)		factor	Mode A (DSI=0)				Mode B (DSI=1)					
Antenna	Tech/Band		P_{design} (dBm) corresponding to 10 W/kg (SAR_design_target)	P_{limit} (dBm) Tune-up power table	P_{design} (dBm) corresponding to 10 W/kg (SAR_design_target)	P_{limit} (dBm) Tune-up power table	P_{design} (dBm) corresponding to 10 W/kg (SAR_design_target)	P_{limit} (dBm) Tune-up power table	P_{design} (dBm) corresponding to 10 W/kg (SAR_design_target)	P_{limit} (dBm) Tune-up power table		
	Transmit Average		Burst Average		Frame Average		Burst Average		Frame Average		Burst Average	Frame Average
ANT4	GSM 1900 2 slots[1]	0.25	26.78	25.90	20.76	19.88	26.70	26.10	20.68	20.08	28.00	21.98
	W-CDMA B2	1	20.57	19.90	20.57	19.90	20.52	20.10	20.52	20.10	22.60	22.60
	W-CDMA B4	1	20.81	20.30	20.81	20.30	20.82	20.40	20.82	20.40	22.60	22.60
	LTE Band 7	1	19.46	19.10	19.46	19.10	19.07	18.80	19.07	18.80	23.20	23.20
	LTE Band 25/2	1	20.31	19.90	20.31	19.90	20.53	20.10	20.53	20.10	22.60	22.60
	LTE Band 30	1	18.54	18.20	18.54	18.20	20.22	19.70	20.22	19.70	23.20	23.20
	LTE Band 41[1]	0.633	21.78	21.50	19.79	19.51	21.28	20.90	19.29	18.91	25.70	23.71
	LTE Band 48[1]	0.633	21.28	21.00	19.30	19.01	22.42	22.00	20.43	20.01	22.80	20.81
	LTE Band 66/4	1	20.61	20.30	20.61	20.30	20.75	20.40	20.75	20.40	24.20	24.20
	NR n7	1	19.90	19.10	19.90	19.10	19.23	18.80	19.23	18.80	23.20	23.20
	NR n25/2	1	20.43	19.90	20.43	19.90	21.14	20.10	21.14	20.10	22.60	22.60
	NR n30	1	18.96	18.20	18.96	18.20	20.04	19.70	20.04	19.70	23.20	23.20
	NR n41[1]	1	19.96	19.50	19.96	19.50	19.44	18.90	19.44	18.90	25.70	25.70
	NR n66	1	21.42	20.30	21.42	20.30	20.65	20.40	20.65	20.40	24.20	24.20
	NR n70	1	21.11	20.30	21.11	20.30	21.28	20.40	21.28	20.40	24.20	24.20
	NR n77[1]	1	19.97	19.70	19.97	19.70	20.54	19.50	20.54	19.50	25.00	25.00

Exposure Scenario			Head				Body-worn & Hotspot				P_{max} (dBm) Tune-up power table	
Spatial-average			1g				1g					
Test Distance			0 mm				5 mm					
Power Mode (DSI)		factor	Mode A (DSI=0)				Mode B (DSI=1)					
Antenna	Tech/Band		P_{design} (dBm) corresponding to 10 W/kg (SAR_design_target)	P_{limit} (dBm) Tune-up power table	P_{design} (dBm) corresponding to 10 W/kg (SAR_design_target)	P_{limit} (dBm) Tune-up power table	P_{design} (dBm) corresponding to 10 W/kg (SAR_design_target)	P_{limit} (dBm) Tune-up power table	P_{design} (dBm) corresponding to 10 W/kg (SAR_design_target)	P_{limit} (dBm) Tune-up power table		
	Transmit Average		Burst Average		Frame Average		Burst Average		Frame Average		Burst Average	Frame Average
ANT7	LTE Band 48[1]	0.633	30.88	23.90	28.89	21.91	22.72	21.60	20.73	19.61	23.90	21.91
	NR n77[1]	1	30.23	22.60	30.23	22.60	20.08	18.70	20.08	18.70	25.70	25.70

Exposure Scenario			Head				Body-worn & Hotspot				P_{max} (dBm) Tune-up power table	
Spatial-average			1g				1g					
Test Distance			0 mm				5 mm					
Power Mode (DSI)		factor	Mode A (DSI=0)				Mode B (DSI=1)					
Antenna	Tech/Band		Pdesign (dBm) corresponding to 1.0 W/kg (SAR_design_targe	Plimit (dBm) Tune-up power table	Pdesign (dBm) corresponding to 1.0 W/kg (SAR_design_targe	Plimit (dBm) Tune-up power table	Pdesign (dBm) corresponding to 1.0 W/kg (SAR_design_targe	Plimit (dBm) Tune-up power table	Pdesign (dBm) corresponding to 1.0 W/kg (SAR_design_targe	Plimit (dBm) Tune-up power table		
	Transmit Average		Burst Average		Frame Average		Burst Average		Frame Average		Burst Average	Frame Average
ANT8	LTE Band 48[1]	0.633	22.03	21.50	20.04	19.51	21.37	20.90	19.38	18.91	23.30	21.31
	NR n77[1]	1	20.44	20.00	20.44	20.00	19.37	18.70	19.37	18.70	25.70	25.70

Exposure Scenario			Head				Body-worn & Hotspot				P_{max} (dBm) Tune-up power table	
Spatial-average			1g				1g					
Test Distance			0 mm				5 mm					
Power Mode (DSI)		factor	Mode A (DSI=0)				Mode B (DSI=1)					
Antenna	Tech/Band		Pdesign (dBm) corresponding to 1.0 W/kg (SAR_design_targe	Plimit (dBm) Tune-up power table	Pdesign (dBm) corresponding to 1.0 W/kg (SAR_design_targe	Plimit (dBm) Tune-up power table	Pdesign (dBm) corresponding to 1.0 W/kg (SAR_design_targe	Plimit (dBm) Tune-up power table	Pdesign (dBm) corresponding to 1.0 W/kg (SAR_design_targe	Plimit (dBm) Tune-up power table		
	Transmit Average		Burst Average		Frame Average		Burst Average		Frame Average		Burst Average	Frame Average
ANT9	LTE Band 48[1]	0.633	28.40	21.30	26.41	19.31	19.92	19.60	17.93	17.61	21.30	19.31
	NR n77[1]	1	27.62	22.50	27.62	22.50	18.33	17.50	18.33	17.50	25.70	25.70

Note(s):

1. All P_{limit} EFS and maximum tune up output P_{max} levels entered in above Table correspond to average power levels after accounting for duty cycle in the case of TDD modulation schemes (for e.g., GSM & LTE TDD).

2. Measurement Condition: All conducted power and SAR measurements in this report (Part 1 test) were performed by setting Reserve_power_margin (Smart Transmit EFS entry) to 0 dB.
3. Only P_{limit} is considered for SAR Evaluation.

7. RF Exposure Conditions (Test Configurations)

This device has a total of 9 antennas. From Front of the device, antennas and supported frequencies are described and located as follows:

Antenna	Band	Rear	Front	Edge 1 (Top Edge)	Edge 2 (Right Edge)	Edge 3 (Bottom Edge)	Edge 4 (Left Edge)
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/n53n66/n70/n71 MSS (L-Band)	Yes	Yes	No	Yes	Yes	Yes
ANT2	GSM 850/1900 WCDMA B2/4/5 LTE B2/4/5/7/12/13/14/17/25/26/30/41/53/66/71 5G(FR1) n2/n5/n7/n12/n14/n25/n26/n30/n41/n53n66/n70/n71	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	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/n66/n70/n77 MSS (L-Band) Wi-Fi 2.4GHz Bluetooth	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) n77	Yes	Yes	No	Yes	Yes	No
ANT8	LTE B48 5G(FR1) n77	Yes	Yes	Yes	No	No	Yes
ANT9	LTE B48 5G(FR1) n77	Yes	Yes	No	No	Yes	Yes

Note(s):

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

8. Dielectric Property Measurements & System Check

8.1. Dielectric Property Measurements

The temperature of the tissue-equivalent medium used during measurement must also be within 18°C to 25°C and within ± 2°C of the temperature when the tissue parameters are characterized.
The dielectric parameters must be measured before the tissue-equivalent medium is used in a series of SAR measurements. The parameters should be re-measured after each 3 – 4 days of use; or earlier if the dielectric parameters can become out of tolerance; for example, when the parameters are marginal at the beginning of the measurement series.
Tissue dielectric parameters were measured at the low, middle and high frequency of each operating frequency range of the test device.
The dielectric constant (εr) and conductivity (σ) of typical tissue-equivalent media recipes are expected to be within ± 5% of the required target values; but for SAR measurement systems that have implemented the SAR error compensation algorithms documented in IEC/IEEE 62209-1528, 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

IEC/IEEE 62209-1528

Table 2 – Dielectric properties of the tissue-equivalent medium

Frequency MHz	Real part of the complex relative permittivity, ε_r'	Conductivity, σ S/m	Penetration depth (E-field), δ mm
4	*55,0*	*0,75*	293,0
13	*55,0*	*0,75*	165,5
30	55,0	0,75	112,8
150	52,3	0,76	62,0
300	45,3	0,87	46,1
450	43,5	0,87	43,0
750	*41,9*	*0,89*	39,8
835	41,5	0,90	39,0
900	41,5	0,97	36,2
1 450	40,5	1,20	28,6
1 800	40,0	1,40	24,3
1 900	40,0	1,40	24,3
1 950	40,0	1,40	24,3
2 000	40,0	1,40	24,3
2 100	*39,8*	*1,49*	22,8
2 450	39,2	1,80	18,7
2 600	*39,0*	*1,96*	17,2
3 000	38,5	2,40	14,0
3 500	*37,9*	*2,91*	11,4
4 000	*37,4*	*3,43*	10,0
4 500	*36,8*	*3,94*	9,7
5 000	*36,2*	*4,45*	1,5
5 200	*36,0*	*4,66*	8,4
5 400	*35,8*	*4,86*	8,1
5 600	*35,5*	*5,07*	7,5
5 800	35,3	5,27	7,3
6 000	*35,1*	*5,48*	7,0
6 500	*34,5*	*6,07*	6,7
7 000	*33,9*	*6,65*	6,4
7 500	*33,3*	*7,24*	6,1
8 000	*32,7*	*7,84*	5,9
8 500	*32,1*	*8,46*	5,3
9 000	*31,6*	*9,08*	4,8
9 500	*31,0*	*9,71*	4,4
10 000	*30,4*	*10,40*	4,0

NOTE For convenience, permittivity and conductivity values are linearly interpolated for frequencies that are not a part of the original data from Drossos et al. [2]. They are shown in italics in Table 2. The italicized values are linearly interpolated (below 5800 MHz) or extrapolated (above 5800 MHz) from the non-italicized values that are immediately above and below these values.

Dielectric Property Measurements Results:

SAR Lab	Date	Band (MHz)	Tissue Type	Frequency (MHz)	Relative Permittivity (εr)			Conductivity (σ)		
					Measured	Target	Delta	Measured	Target	Delta
A	7/7/2022	1900	Head	1900	38.20	40.00	-4.50%	1.46	1.40	4.00%
				1850	38.33	40.00	-4.18%	1.43	1.40	1.79%
				1920	38.17	40.00	-4.58%	1.47	1.40	4.86%
A	7/10/2022	1900	Head	1900	39.32	40.00	-1.70%	1.45	1.40	3.79%
				1850	39.39	40.00	-1.53%	1.42	1.40	1.71%
				1920	39.30	40.00	-1.75%	1.47	1.40	4.64%
A	7/14/2022	1900	Head	1900	38.36	40.00	-4.10%	1.44	1.40	2.57%
				1850	38.42	40.00	-3.95%	1.42	1.40	1.43%
				1920	38.29	40.00	-4.28%	1.45	1.40	3.29%
A	7/17/2022	1900	Head	1900	39.29	40.00	-1.78%	1.37	1.40	-2.36%
				1850	39.37	40.00	-1.58%	1.34	1.40	-4.21%
				1920	39.26	40.00	-1.85%	1.38	1.40	-1.64%

SAR Lab	Date	Band (MHz)	Tissue Type	Frequency (MHz)	Relative Permittivity (εr)			Conductivity (σ)		
					Measured	Target	Delta	Measured	Target	Delta
B	7/10/2022	1750	Head	1750	38.31	40.08	-4.43%	1.40	1.37	2.05%
				1695	38.35	40.17	-4.53%	1.36	1.34	1.87%
				1755	38.30	40.08	-4.43%	1.40	1.37	2.13%
B	7/14/2022	1750	Head	1750	41.86	40.08	4.43%	1.36	1.37	-0.58%
				1695	41.93	40.17	4.38%	1.33	1.34	-0.67%
				1755	41.84	40.08	4.40%	1.37	1.37	-0.50%
B	7/17/2022	1750	Head	1750	39.59	40.08	-1.23%	1.41	1.37	2.92%
				1695	39.62	40.17	-1.37%	1.38	1.34	2.99%
				1755	39.59	40.08	-1.21%	1.41	1.37	3.00%

SAR Lab	Date	Band (MHz)	Tissue Type	Frequency (MHz)	Relative Permittivity (εr)			Conductivity (σ)		
					Measured	Target	Delta	Measured	Target	Delta
C	7/7/2022	1750	Head	1750	38.67	40.08	-3.53%	1.42	1.37	3.58%
				1695	38.76	40.17	-3.51%	1.38	1.34	3.29%
				1755	38.65	40.08	-3.56%	1.42	1.37	3.59%
C	7/7/2022	1900	Head	1900	38.50	40.00	-3.75%	1.39	1.40	-0.93%
				1850	38.52	40.00	-3.70%	1.36	1.40	-3.21%
				1920	38.45	40.00	-3.87%	1.40	1.40	0.14%
C	7/10/2022	1750	Head	1750	40.04	40.08	-0.11%	1.41	1.37	2.70%
				1695	40.08	40.17	-0.22%	1.37	1.34	2.47%
				1755	40.03	40.08	-0.12%	1.41	1.37	2.71%
C	7/10/2022	1900	Head	1900	41.56	40.00	3.90%	1.42	1.40	1.64%
				1850	41.72	40.00	4.30%	1.39	1.40	-0.86%
				1920	41.54	40.00	3.85%	1.44	1.40	2.57%
C	7/14/2022	1750	Head	1750	39.75	40.08	-0.83%	1.31	1.37	-4.53%
				1695	39.81	40.17	-0.89%	1.28	1.34	-4.41%
				1755	39.74	40.08	-0.84%	1.31	1.37	-4.50%
C	7/14/2022	1900	Head	1900	39.43	40.00	-1.43%	1.40	1.40	0.14%
				1850	39.49	40.00	-1.28%	1.37	1.40	-2.07%
				1920	39.42	40.00	-1.45%	1.41	1.40	0.86%
C	7/17/2022	1750	Head	1750	38.49	40.08	-3.98%	1.40	1.37	1.90%
				1695	38.51	40.17	-4.13%	1.36	1.34	1.95%
				1755	38.48	40.08	-3.98%	1.40	1.37	1.91%
C	7/17/2022	1900	Head	1900	40.02	40.00	0.05%	1.39	1.40	-0.64%
				1850	40.09	40.00	0.23%	1.37	1.40	-2.43%
				1920	39.99	40.00	-0.02%	1.40	1.40	0.07%

SAR Lab	Date	Band (MHz)	Tissue Type	Frequency (MHz)	Relative Permittivity (εr)			Conductivity (σ)		
					Measured	Target	Delta	Measured	Target	Delta
D	7/7/2022	2300	Head	2300	37.73	39.47	-4.41%	1.62	1.66	-2.69%
				2350	37.69	39.38	-4.30%	1.65	1.71	-3.55%
				2400	37.51	39.30	-4.55%	1.69	1.75	-3.41%
D	7/10/2022	2300	Head	2300	37.82	39.47	-4.19%	1.74	1.66	4.76%
				2350	37.74	39.38	-4.18%	1.78	1.71	4.23%
				2400	37.63	39.30	-4.24%	1.82	1.75	3.62%
D	7/14/2022	2300	Head	2300	37.64	39.47	-4.64%	1.71	1.66	2.96%
				2350	37.56	39.38	-4.63%	1.75	1.71	2.59%
				2400	37.47	39.30	-4.65%	1.79	1.75	1.90%
D	7/17/2022	2300	Head	2300	40.42	39.47	2.40%	1.66	1.66	-0.22%
				2350	40.34	39.38	2.43%	1.70	1.71	-0.68%
				2400	40.25	39.30	2.43%	1.73	1.75	-1.35%

SAR Lab	Date	Band (MHz)	Tissue Type	Frequency (MHz)	Relative Permittivity (εr)			Conductivity (σ)		
					Measured	Target	Delta	Measured	Target	Delta
E	6/30/2022	2450	Head	2450	40.27	39.20	2.73%	1.75	1.80	-2.78%
				2400	40.35	39.30	2.68%	1.71	1.75	-2.49%
				2500	40.15	39.14	2.59%	1.80	1.85	-3.19%
E	7/3/2022	2450	Head	2450	38.35	39.20	-2.17%	1.86	1.80	3.17%
				2400	38.50	39.30	-2.03%	1.82	1.75	3.90%
				2500	38.25	39.14	-2.27%	1.90	1.85	2.48%
E	7/7/2022	2450	Head	2450	38.24	39.20	-2.45%	1.84	1.80	2.17%
				2400	38.32	39.30	-2.49%	1.80	1.75	2.70%
				2500	38.19	39.14	-2.42%	1.88	1.85	1.35%
E	7/10/2022	2450	Head	2450	38.45	39.20	-1.91%	1.88	1.80	4.17%
				2400	38.52	39.30	-1.98%	1.84	1.75	4.82%
				2500	38.34	39.14	-2.04%	1.92	1.85	3.29%
E	7/14/2022	2450	Head	2450	38.57	39.20	-1.61%	1.85	1.80	2.50%
				2400	38.63	39.30	-1.70%	1.81	1.75	3.39%
				2500	38.45	39.14	-1.76%	1.88	1.85	1.51%
E	7/17/2022	2450	Head	2450	37.94	39.20	-3.21%	1.87	1.80	3.89%
				2400	38.01	39.30	-3.27%	1.84	1.75	4.76%
				2500	37.85	39.14	-3.29%	1.91	1.85	2.75%

SAR Lab	Date	Band (MHz)	Tissue Type	Frequency (MHz)	Relative Permittivity (εr)			Conductivity (σ)		
					Measured	Target	Delta	Measured	Target	Delta
F	7/7/2022	5250	Head	5250	35.46	35.93	-1.32%	4.73	4.70	0.57%
				5150	35.69	36.05	-0.99%	4.61	4.60	0.22%
				5350	35.27	35.82	-1.53%	4.85	4.80	0.84%
F	7/10/2022	5250	Head	5250	36.57	35.93	1.77%	4.80	4.70	2.17%
				5150	36.78	36.05	2.03%	4.69	4.60	1.96%
				5350	36.37	35.82	1.54%	4.91	4.80	2.28%
F	7/14/2022	5250	Head	5250	34.19	35.93	-4.85%	4.59	4.70	-2.47%
				5150	34.33	36.05	-4.76%	4.49	4.60	-2.47%
				5350	34.03	35.82	-4.99%	4.72	4.80	-1.84%
F	7/17/2022	5250	Head	5250	34.84	35.93	-3.04%	4.50	4.70	-4.30%
				5150	35.02	36.05	-2.85%	4.39	4.60	-4.47%
				5350	34.67	35.82	-3.21%	4.60	4.80	-4.17%

SAR Lab	Date	Band (MHz)	Tissue Type	Frequency (MHz)	Relative Permittivity (εr)			Conductivity (σ)		
					Measured	Target	Delta	Measured	Target	Delta
G	6/30/2022	5600	Head	5600	36.65	35.53	3.14%	4.83	5.06	-4.61%
				5500	36.80	35.65	3.23%	4.72	4.96	-4.86%
				5725	36.44	35.39	2.96%	4.97	5.19	-4.17%
G	7/3/2022	5600	Head	5600	35.01	35.53	-1.47%	5.15	5.06	1.81%
				5450	35.23	35.70	-1.33%	5.01	4.91	2.02%
				5750	34.61	35.36	-2.13%	5.33	5.21	2.25%
G	7/7/2021	5600	Head	5600	34.71	35.53	-2.32%	5.25	5.06	3.81%
				5500	34.90	35.65	-2.10%	5.14	4.96	3.69%
				5725	34.44	35.39	-2.69%	5.41	5.19	4.20%
G	7/10/2022	5600	Head	5600	34.72	35.53	-2.29%	5.14	5.06	1.52%
				5500	34.92	35.65	-2.04%	5.02	4.96	1.25%
				5725	34.49	35.39	-2.55%	5.29	5.19	1.94%
G	7/14/2022	5600	Head	5600	35.87	35.53	0.95%	5.09	5.06	0.49%
				5500	36.11	35.65	1.30%	4.95	4.96	-0.08%
				5725	35.66	35.39	0.76%	5.23	5.19	0.88%
G	7/17/2022	5600	Head	5600	35.12	35.53	-1.19%	4.95	5.06	-2.16%
				5500	35.29	35.65	-1.00%	4.84	4.96	-2.40%
				5725	34.91	35.39	-1.36%	5.09	5.19	-1.89%

SAR Lab	Date	Band (MHz)	Tissue Type	Frequency (MHz)	Relative Permittivity (εr)			Conductivity (σ)		
					Measured	Target	Delta	Measured	Target	Delta
H	7/3/2022	2300	Head	2300	38.43	39.47	-2.64%	1.61	1.66	-3.05%
				2350	38.35	39.38	-2.63%	1.65	1.71	-3.61%
				2400	38.27	39.30	-2.61%	1.68	1.75	-4.38%
H	7/3/2022	5750	Head	5750	36.56	35.36	3.39%	4.98	5.21	-4.50%
				5700	36.66	35.42	3.50%	4.92	5.16	-4.68%
				5850	36.62	35.30	3.74%	5.09	5.32	-4.25%
H	7/7/2022	5750	Head	5750	34.59	35.36	-2.19%	5.12	5.21	-1.89%
				5700	34.71	35.42	-2.00%	5.05	5.16	-2.14%
				5850	34.42	35.30	-2.49%	5.24	5.32	-1.54%
H	7/10/2022	5750	Head	5750	36.93	35.36	4.43%	5.27	5.21	1.12%
				5700	37.03	35.42	4.55%	5.21	5.16	0.92%
				5850	36.77	35.30	4.16%	5.39	5.32	1.30%
H	7/14/2022	5750	Head	5750	36.58	35.36	3.44%	5.06	5.21	-2.91%
				5700	36.74	35.42	3.73%	5.01	5.16	-2.90%
				5850	36.38	35.30	3.06%	5.21	5.32	-2.16%
H	7/17/2022	5750	Head	5750	35.38	35.36	0.05%	5.12	5.21	-1.72%
				5700	35.48	35.42	0.17%	5.07	5.16	-1.79%
				5850	35.22	35.30	-0.23%	5.23	5.32	-1.73%
H	7/18/2022	2450	Head	2450	39.45	39.20	0.64%	1.73	1.80	-3.94%
				2400	39.25	39.30	-0.12%	1.70	1.75	-3.23%
				2500	39.40	39.14	0.67%	1.76	1.85	-4.91%

SAR Lab	Date	Band (MHz)	Tissue Type	Frequency (MHz)	Relative Permittivity (εr)			Conductivity (σ)		
					Measured	Target	Delta	Measured	Target	Delta
1	7/3/2022	2600	Head	2600	37.97	39.0	-2.67%	1.95	1.96	-0.62%
				2495	38.22	39.1	-2.36%	1.87	1.85	0.99%
				2690	37.80	38.9	-2.82%	2.02	2.06	-1.82%
1	7/7/2022	2600	Head	2600	38.19	39.01	-2.10%	1.90	1.96	-3.27%
				2495	38.36	39.14	-2.00%	1.82	1.85	-1.44%
				2690	38.04	38.90	-2.20%	1.97	2.06	-4.59%
1	7/10/2022	2600	Head	2600	37.97	39.01	-2.67%	1.99	1.96	1.52%
				2495	38.15	39.14	-2.54%	1.90	1.85	2.89%
				2690	37.80	38.90	-2.82%	2.07	2.06	0.37%
1	7/14/2022	2600	Head	2600	37.52	39.01	-3.82%	1.93	1.96	-1.89%
				2495	37.77	39.14	-3.51%	1.85	1.85	-0.09%
				2690	37.38	38.90	-3.90%	1.99	2.06	-3.23%

SAR Lab	Date	Band (MHz)	Tissue Type	Frequency (MHz)	Relative Permittivity (εr)			Conductivity (σ)		
					Measured	Target	Delta	Measured	Target	Delta
3	7/3/2022	3500	Head	3500	38.57	37.93	1.69%	2.88	2.91	-1.15%
				3400	38.90	38.04	2.25%	2.83	2.81	0.63%
				3600	38.44	37.82	1.65%	2.98	3.01	-1.26%
3	7/3/2022	3700	Head	3700	38.26	37.70	1.48%	3.07	3.12	-1.55%
				3600	38.44	37.82	1.65%	2.98	3.01	-1.26%
				3800	37.97	37.59	1.02%	3.17	3.22	-1.60%
3	7/7/2022	3500	Head	3500	37.24	37.93	-1.82%	2.87	2.91	-1.60%
				3400	37.46	38.04	-1.53%	2.77	2.81	-1.33%
				3600	37.04	37.82	-2.05%	2.96	3.01	-1.69%
3	7/7/2022	3700	Head	3700	36.84	37.70	-2.28%	3.06	3.12	-1.71%
				3600	37.04	37.82	-2.05%	2.96	3.01	-1.69%
				3800	36.64	37.59	-2.52%	3.17	3.22	-1.63%
3	7/10/2022	3500	Head	3500	39.74	37.93	4.77%	2.80	2.91	-4.00%
				3400	39.90	38.04	4.88%	2.70	2.81	-3.75%
				3600	39.55	37.82	4.59%	2.89	3.01	-4.18%
3	7/10/2022	3700	Head	3700	39.40	37.70	4.51%	2.98	3.12	-4.34%
				3600	39.55	37.82	4.59%	2.89	3.01	-4.18%
				3800	39.25	37.59	4.42%	3.08	3.22	-4.27%
3	7/14/2022	3700	Head	3700	39.36	37.70	4.40%	2.98	3.12	-4.24%
				3600	39.52	37.82	4.51%	2.89	3.01	-4.04%
				3800	39.20	37.59	4.29%	3.08	3.22	-4.30%
3	7/14/2022	3500	Head	3500	39.69	37.93	4.64%	2.80	2.91	-3.80%
				3400	39.85	38.04	4.75%	2.71	2.81	-3.39%
				3600	39.52	37.82	4.51%	2.89	3.01	-4.04%
3	7/14/2022	3900	Head	3900	39.05	37.47	4.21%	3.18	3.32	-4.27%
				3800	39.20	37.59	4.29%	3.08	3.22	-4.30%
				4000	38.90	37.36	4.12%	3.28	3.42	-4.21%
3	7/17/2022	3500	Head	3500	37.40	37.93	-1.40%	2.78	2.91	-4.59%
				3400	37.58	38.04	-1.22%	2.69	2.81	-4.21%
				3600	37.21	37.82	-1.60%	2.87	3.01	-4.87%
3	7/17/2022	3700	Head	3700	37.33	37.70	-0.99%	2.98	3.12	-4.37%
				3600	37.49	37.82	-0.86%	2.89	3.01	-4.21%
				3800	37.16	37.59	-1.14%	3.08	3.22	-4.34%
3	7/18/2022	2300	Head	2300	38.22	39.47	-3.17%	1.71	1.66	2.66%
				2350	38.14	39.38	-3.16%	1.74	1.71	2.07%
				2400	38.07	39.30	-3.12%	1.77	1.75	1.28%

SAR Lab	Date	Band (MHz)	Tissue Type	Frequency (MHz)	Relative Permittivity (εr)			Conductivity (σ)		
					Measured	Target	Delta	Measured	Target	Delta
4	7/3/2022	3500	Head	3500	39.61	37.93	4.43%	2.77	2.91	-4.79%
				3400	39.76	38.04	4.51%	2.68	2.81	-4.46%
				3600	39.45	37.82	4.32%	2.87	3.01	-4.87%
4	7/3/2022	3700	Head	3700	39.31	37.70	4.27%	2.96	3.12	-4.98%
				3600	39.45	37.82	4.32%	2.87	3.01	-4.87%
				3800	39.14	37.59	4.13%	3.06	3.22	-4.93%
4	7/3/2022	3900	Head	3900	39.00	37.47	4.07%	3.16	3.32	-4.72%
				3800	39.14	37.59	4.13%	3.06	3.22	-4.93%
				4000	38.85	37.36	3.99%	3.26	3.42	-4.65%
4	7/7/2022	3500	Head	3500	38.55	37.93	1.64%	2.83	2.91	-2.97%
				3400	38.74	38.04	1.83%	2.73	2.81	-2.75%
				3600	38.36	37.82	1.44%	2.92	3.01	-3.08%
4	7/7/2022	3900	Head	3900	37.84	37.47	0.98%	3.23	3.32	-2.80%
				3800	38.01	37.59	1.12%	3.12	3.22	-3.03%
				4000	37.67	37.36	0.83%	3.33	3.42	-2.60%
4	7/10/2022	3500	Head	3500	39.51	37.93	4.17%	2.78	2.91	-4.62%
				3400	39.66	38.04	4.25%	2.69	2.81	-4.39%
				3600	39.34	37.82	4.03%	2.87	3.01	-4.77%
4	7/10/2022	3700	Head	3700	39.19	37.70	3.95%	2.96	3.12	-4.88%
				3600	39.34	37.82	4.03%	2.87	3.01	-4.77%
				3800	39.06	37.59	3.92%	3.07	3.22	-4.74%
4	7/10/2022	3900	Head	3900	38.89	37.47	3.78%	3.17	3.32	-4.63%
				3800	39.06	37.59	3.92%	3.07	3.22	-4.74%
				4000	38.77	37.36	3.78%	3.27	3.42	-4.50%
4	7/13/2022	2600	Head	2600	38.23	39.01	-2.00%	1.90	1.96	-3.32%
				2495	38.43	39.14	-1.82%	1.82	1.85	-1.66%
				2690	38.06	38.90	-2.15%	1.96	2.06	-4.68%
4	7/17/2022	3500	Head	3500	39.40	37.93	3.88%	2.82	2.91	-3.21%
				3400	39.59	38.04	4.06%	2.73	2.81	-2.89%
				3600	39.22	37.82	3.71%	2.91	3.01	-3.41%
4	7/17/2022	3700	Head	3700	39.04	37.70	3.55%	3.01	3.12	-3.50%
				3600	39.22	37.82	3.71%	2.91	3.01	-3.41%
				3800	38.87	37.59	3.41%	3.11	3.22	-3.50%
4	7/17/2022	3900	Head	3900	38.71	37.47	3.30%	3.21	3.32	-3.37%
				3800	38.87	37.59	3.41%	3.11	3.22	-3.50%
				4000	38.54	37.36	3.16%	3.31	3.42	-3.25%

SAR Lab	Date	Band (MHz)	Tissue Type	Frequency (MHz)	Relative Permittivity (εr)			Conductivity (σ)		
					Measured	Target	Delta	Measured	Target	Delta
6	7/3/2022	3500	Head	3500	38.82	37.93	2.35%	2.81	2.91	-3.52%
				3400	39.00	38.04	2.51%	2.72	2.81	-3.21%
				3600	38.66	37.82	2.23%	2.91	3.01	-3.61%
6	7/3/2022	3700	Head	3700	38.50	37.70	2.12%	3.01	3.12	-3.57%
				3600	38.66	37.82	2.23%	2.91	3.01	-3.61%
				3800	38.33	37.59	1.98%	3.11	3.22	-3.40%
6	7/3/2022	3900	Head	3900	38.16	37.47	1.83%	3.22	3.32	-3.16%
				3800	38.33	37.59	1.98%	3.11	3.22	-3.40%
				4000	38.00	37.36	1.72%	3.32	3.42	-2.96%
6	7/11/2022	2600	Head	2600	39.62	39.01	1.56%	2.02	1.96	2.95%
				2495	39.81	39.14	1.70%	1.94	1.85	4.67%
				2690	39.44	38.90	1.40%	2.10	2.06	1.87%
6	7/11/2022	3500	Head	3500	39.01	37.93	2.85%	2.79	2.91	-4.04%
				3400	39.19	38.04	3.01%	2.71	2.81	-3.57%
				3600	38.84	37.82	2.71%	2.88	3.01	-4.34%
6	7/11/2022	3900	Head	3900	38.35	37.47	2.34%	3.16	3.32	-4.81%
				3800	38.50	37.59	2.43%	3.07	3.22	-4.74%
				4000	38.20	37.36	2.25%	3.26	3.42	-4.85%
6	7/17/2022	3500	Head	3500	37.25	37.93	-1.79%	2.78	2.91	-4.55%
				3400	37.44	38.04	-1.59%	2.69	2.81	-4.10%
				3600	37.07	37.82	-1.97%	2.87	3.01	-4.84%
6	7/17/2022	3700	Head	3700	37.38	37.70	-0.85%	2.99	3.12	-3.95%
				3600	37.55	37.82	-0.70%	2.90	3.01	-3.81%
				3800	37.21	37.59	-1.00%	3.09	3.22	-3.96%
6	7/17/2022	3900	Head	3900	37.04	37.47	-1.16%	3.19	3.32	-3.91%
				3800	37.21	37.59	-1.00%	3.09	3.22	-3.96%
				4000	36.88	37.36	-1.28%	3.29	3.42	-3.83%

SAR Lab	Date	Band (MHz)	Tissue Type	Frequency (MHz)	Relative Permittivity (εr)			Conductivity (σ)		
					Measured	Target	Delta	Measured	Target	Delta
8	7/3/2022	2450	Head	2450	39.03	39.20	-0.43%	1.85	1.80	2.83%
				2400	39.14	39.30	-0.40%	1.81	1.75	3.27%
				2500	39.01	39.14	-0.32%	1.89	1.85	1.72%
8	7/3/2022	2600	Head	2600	38.76	39.01	-0.64%	1.97	1.96	0.25%
				2495	39.02	39.14	-0.31%	1.88	1.85	1.91%
				2690	38.59	38.90	-0.79%	2.04	2.06	-0.94%
8	7/7/2022	2600	Head	2600	37.88	39.01	-2.90%	1.91	1.96	-2.56%
				2495	38.06	39.14	-2.77%	1.83	1.85	-1.12%
				2690	37.71	38.90	-3.05%	1.99	2.06	-3.62%
8	7/10/2022	2450	Head	2450	40.96	39.20	4.49%	1.82	1.80	0.89%
				2400	41.02	39.30	4.39%	1.78	1.75	1.56%
				2500	40.89	39.14	4.48%	1.85	1.85	-0.11%
8	7/13/2022	2600	Head	2600	40.35	39.01	3.43%	1.89	1.96	-3.63%
				2495	40.59	39.14	3.70%	1.81	1.85	-1.98%
				2690	40.21	38.90	3.37%	1.96	2.06	-4.83%
8	7/14/2022	2450	Head	2450	37.35	39.20	-4.72%	1.88	1.80	4.17%
				2400	37.44	39.30	-4.72%	1.84	1.75	4.99%
				2500	37.26	39.14	-4.80%	1.91	1.85	2.96%
8	7/17/2022	2600	Head	2600	37.43	39.01	-4.05%	1.96	1.96	-0.37%
				2495	37.58	39.14	-3.99%	1.87	1.85	1.05%
				2690	37.24	38.90	-4.26%	2.04	2.06	-1.19%
8	7/17/2022	2450	Head	2450	37.66	39.20	-3.93%	1.84	1.80	2.06%
				2400	37.74	39.30	-3.96%	1.80	1.75	2.76%
				2500	37.57	39.14	-4.00%	1.87	1.85	0.91%

SAR Lab	Date	Band (MHz)	Tissue Type	Frequency (MHz)	Relative Permittivity (εr)			Conductivity (σ)		
					Measured	Target	Delta	Measured	Target	Delta
10	7/5/2022	750	Head	750	40.92	41.96	-2.48%	0.88	0.89	-1.93%
				660	42.02	42.42	-0.95%	0.85	0.89	-4.60%
				800	40.92	41.71	-1.88%	0.89	0.90	-0.72%
10	7/9/2022	750	Head	750	43.52	41.96	3.71%	0.89	0.89	-0.79%
				660	43.94	42.42	3.58%	0.86	0.89	-3.36%
				800	43.47	41.71	4.23%	0.90	0.90	0.45%
10	7/12/2022	2300	Head	2300	37.78	39.47	-4.29%	1.62	1.66	-2.93%
				2350	37.70	39.38	-4.28%	1.65	1.71	-3.14%
				2400	37.60	39.30	-4.32%	1.69	1.75	-3.75%
10	7/13/2022	750	Head	750	41.27	41.96	-1.65%	0.88	0.89	-1.12%
				660	41.71	42.42	-1.68%	0.85	0.89	-3.72%
				800	41.25	41.71	-1.09%	0.90	0.90	0.21%
10	7/17/2022	750	Head	750	40.93	41.96	-2.46%	0.88	0.89	-1.92%
				660	42.70	42.42	0.65%	0.84	0.89	-4.90%
				800	41.10	41.71	-1.45%	0.89	0.90	-0.86%
10	7/18/2022	3700	Head	3700	39.41	37.70	4.53%	3.00	3.12	-3.70%
				3600	39.60	37.82	4.72%	2.91	3.01	-3.55%
				3800	39.26	37.59	4.45%	3.11	3.22	-3.53%

SAR Lab	Date	Band (MHz)	Tissue Type	Frequency (MHz)	Relative Permittivity (εr)			Conductivity (σ)		
					Measured	Target	Delta	Measured	Target	Delta
11	7/9/2022	900	Head	900	39.81	41.50	-4.07%	0.93	0.97	-4.54%
				805	39.96	41.68	-4.13%	0.89	0.90	-0.69%
				915	39.78	41.50	-4.14%	0.93	0.98	-4.90%
11	7/11/2022	1900	Head	1900	39.09	40.00	-2.27%	1.44	1.40	3.14%
				1850	39.22	40.00	-1.95%	1.42	1.40	1.43%
				1920	39.07	40.00	-2.33%	1.46	1.40	3.93%
11	7/13/2022	900	Head	900	40.46	41.50	-2.51%	0.93	0.97	-3.81%
				805	40.95	41.68	-1.75%	0.90	0.90	0.11%
				915	40.45	41.50	-2.53%	0.94	0.98	-4.26%
11	7/17/2022	900	Head	900	40.82	41.50	-1.64%	0.93	0.97	-3.96%
				805	41.13	41.68	-1.32%	0.89	0.90	-0.50%
				915	40.70	41.50	-1.93%	0.94	0.98	-4.37%

SAR Lab	Date	Band (MHz)	Tissue Type	Frequency (MHz)	Relative Permittivity (εr)			Conductivity (σ)		
					Measured	Target	Delta	Measured	Target	Delta
12	7/1/2022	750	Head	750	40.94	41.96	-2.43%	0.90	0.89	1.03%
				660	41.30	42.42	-2.65%	0.87	0.89	-1.47%
				800	40.74	41.71	-2.31%	0.92	0.90	2.57%
12	7/2/2022	1750	Head	1750	39.17	40.08	-2.28%	1.32	1.37	-3.72%
				1695	39.17	40.17	-2.49%	1.28	1.34	-4.03%
				1755	39.17	40.08	-2.26%	1.32	1.37	-3.70%
12	7/5/2022	750	Head	750	41.82	41.96	-0.34%	0.92	0.89	3.05%
				660	42.30	42.42	-0.29%	0.89	0.89	0.31%
				800	41.64	41.71	-0.16%	0.94	0.90	4.47%
12	7/6/2022	1640	Head	1640	39.05	40.25	-2.99%	1.27	1.31	-2.98%
				1625	39.06	40.28	-3.02%	1.26	1.30	-2.89%
				1665	39.05	40.22	-2.90%	1.28	1.32	-3.11%
12	7/9/2022	750	Head	750	40.69	41.96	-3.03%	0.88	0.89	-1.84%
				660	40.92	42.42	-3.54%	0.85	0.89	-4.49%
				800	40.48	41.71	-2.94%	0.89	0.90	-0.57%
12	7/11/2022	1640	Head	1640	38.76	40.25	-3.71%	1.29	1.31	-1.52%
				1625	38.81	40.28	-3.64%	1.28	1.30	-1.58%
				1665	38.70	40.22	-3.77%	1.30	1.32	-1.67%
12	7/13/2022	750	Head	750	40.70	41.96	-3.01%	0.87	0.89	-2.09%
				660	40.81	42.42	-3.80%	0.84	0.89	-4.85%
				800	40.63	41.71	-2.58%	0.89	0.90	-0.69%
12	7/13/2022	1750	Head	1750	42.08	40.08	4.98%	1.32	1.37	-3.72%
				1695	42.00	40.17	4.56%	1.29	1.34	-3.88%
				1755	42.08	40.08	5.00%	1.32	1.37	-3.92%
12	7/14/2022	1640	Head	1640	39.07	40.25	-2.94%	1.26	1.31	-3.82%
				1625	39.12	40.28	-2.87%	1.25	1.30	-3.66%
				1665	39.02	40.22	-2.97%	1.27	1.32	-4.24%
12	7/17/2022	750	Head	750	42.08	41.96	0.28%	0.89	0.89	-0.20%
				660	42.36	42.42	-0.15%	0.85	0.89	-4.09%
				800	41.80	41.71	0.23%	0.91	0.90	1.26%
12	7/18/2022	1640	Head	1640	39.91	40.25	-0.85%	1.29	1.31	-1.07%
				1625	39.94	40.28	-0.84%	1.28	1.30	-1.11%
				1665	39.86	40.22	-0.88%	1.31	1.32	-1.06%

8.2. System Check

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

System Performance Check Measurement Conditions:

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

System Check Results

The 1-g and 10-g SAR measured with a reference dipole, using the required tissue-equivalent medium at the test frequency, must be within ±10% of the manufacturer calibrated dipole SAR target. Refer to Appendix B for the SAR System Check Plots.

SAR Lab	Date	Tissue Type	Dipole Type & Serial Number	Dipole Cal. Due Date	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Zoom Scan at 100 mW	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Zoom Scan at 100 mW	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	
A	7/7/2022	Head	D1900V2 SN:5d163	9/29/2022	4.330	43.30	40.61	6.62%	2.260	22.60	21.02	7.52%	
A	7/10/2022	Head	D1900V2 SN:5d163	9/29/2022	3.700	37.00	40.61	-8.89%	1.980	19.80	21.02	-5.80%	1
A	7/14/2022	Head	D1900V2 SN:5d163	9/29/2022	4.210	42.10	40.61	3.67%	2.210	22.10	21.02	5.14%	
A	7/17/2022	Head	D1900V2 SN:5d163	9/29/2022	3.910	39.10	40.61	-3.72%	2.040	20.40	21.02	-2.95%	

SAR Lab	Date	Tissue Type	Dipole Type & Serial Number	Dipole Cal. Due Date	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Zoom Scan at 100 mW	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Zoom Scan at 100 mW	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	
B	7/10/2022	Head	D1750V2 SN:1077	9/29/2022	3.770	37.70	36.59	3.03%	1.980	19.80	19.51	1.49%	
B	7/14/2022	Head	D1750V2 SN:1077	9/29/2022	3.840	38.40	36.59	4.95%	2.050	20.50	19.51	5.07%	
B	7/17/2022	Head	D1750V2 SN:1077	9/29/2022	3.910	39.10	36.59	6.86%	2.060	20.60	19.51	5.59%	2

SAR Lab	Date	Tissue Type	Dipole Type & Serial Number	Dipole Cal. Due Date	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Zoom Scan at 100 mW	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Zoom Scan at 100 mW	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	
C	7/7/2022	Head	D1900V2 SN:5d163	9/29/2022	4.120	41.20	40.61	1.45%	2.130	21.30	21.02	1.33%	
C	7/10/2022	Head	D1750V2 SN:1050	4/27/2023	3.690	36.90	36.40	1.37%	1.960	19.60	19.10	2.62%	
C	7/10/2022	Head	D1900V2 SN:5d163	9/29/2022	3.780	37.80	40.61	-6.92%	1.990	19.90	21.02	-5.33%	3
C	7/14/2022	Head	D1750V2 SN:1050	4/27/2023	3.480	34.80	36.40	-4.40%	1.860	18.60	19.10	-2.62%	
C	7/14/2022	Head	D1900V2 SN:5d163	9/29/2022	4.040	40.40	40.61	-0.52%	2.110	21.10	21.02	0.38%	
C	7/17/2022	Head	D1750V2 SN:1050	4/27/2023	3.780	37.80	36.40	3.85%	2.010	20.10	19.10	5.24%	4
C	7/17/2022	Head	D1900V2 SN:5d163	9/29/2022	4.080	40.80	40.61	0.47%	2.130	21.30	21.02	1.33%	

SAR Lab	Date	Tissue Type	Dipole Type & Serial Number	Dipole Cal. Due Date	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Zoom Scan at 100 mW	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Zoom Scan at 100 mW	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	
D	7/7/2022	Head	D2300V2 SN:1058	9/29/2022	4.990	49.90	50.56	-1.31%	2.420	24.20	24.52	-1.31%	
D	7/10/2022	Head	D2300V2 SN:1058	9/29/2022	5.180	51.80	50.56	2.45%	2.480	24.80	24.52	1.14%	
D	7/14/2022	Head	D2300V2 SN:1058	9/29/2022	5.220	52.20	50.56	3.24%	2.490	24.90	24.52	1.55%	5
D	7/17/2022	Head	D2300V2 SN:1058	9/29/2022	5.120	51.20	50.56	1.27%	2.410	24.10	24.52	-1.71%	

SAR Lab	Date	Tissue Type	Dipole Type & Serial Number	Dipole Cal. Due Date	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Zoom Scan at 100 mW	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Zoom Scan at 100 mW	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	
E	6/30/2022	Head	D2450V2 SN:706	1/13/2023	5.780	57.80	53.80	7.43%	2.710	27.10	25.00	8.40%	6
E	7/3/2022	Head	D2450V2 SN:706	1/13/2023	5.450	54.50	53.80	1.30%	2.550	25.50	25.00	2.00%	
E	7/7/2022	Head	D2450V2 SN:706	1/13/2023	5.500	55.00	53.80	2.23%	2.570	25.70	25.00	2.80%	
E	7/10/2022	Head	D2450V2 SN:706	1/13/2023	5.830	58.30	53.80	8.36%	2.680	26.80	25.00	7.20%	
E	7/14/2022	Head	D2450V2 SN:706	1/13/2023	5.470	54.70	53.80	1.67%	2.520	25.20	25.00	0.80%	
E	7/17/2022	Head	D2450V2 SN:706	1/13/2023	5.660	56.60	53.80	5.20%	2.620	26.20	25.00	4.80%	

SAR Lab	Date	Tissue Type	Dipole Type & Serial Number	Dipole Cal. Due Date	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Zoom Scan at 100 mW	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Zoom Scan at 100 mW	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	
F	7/7/2022	Head	D5GHzV2 SN:1168 (5.25 GHz)	11/24/2022	8.040	80.40	73.60	9.24%	2.310	23.10	21.20	8.96%	7
F	7/10/2022	Head	D5GHzV2 SN:1168 (5.25 GHz)	11/24/2022	7.640	76.40	73.60	3.80%	2.180	21.80	21.20	2.83%	
F	7/14/2022	Head	D5GHzV2 SN:1168 (5.25 GHz)	11/24/2022	7.520	75.20	73.60	2.17%	2.150	21.50	21.20	1.42%	
F	7/17/2022	Head	D5GHzV2 SN:1168 (5.25 GHz)	11/24/2022	7.460	74.60	73.60	1.36%	2.140	21.40	21.20	0.94%	

SAR Lab	Date	Tissue Type	Dipole Type & Serial Number	Dipole Cal. Due Date	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Zoom Scan at 100 mW	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Zoom Scan at 100 mW	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	
G	6/30/2022	Head	D5GHzV2 SN:1003 (5.60 GHz)	2/23/2023	7.840	78.40	83.50	-6.11%	2.300	23.00	23.60	-2.54%	8
G	7/3/2022	Head	D5GHzV2 SN:1003 (5.60 GHz)	2/23/2023	7.940	79.40	83.50	-4.91%	2.270	22.70	23.60	-3.81%	
G	7/7/2022	Head	D5GHzV2 SN:1003 (5.60 GHz)	2/23/2023	8.420	84.20	83.50	0.84%	2.390	23.90	23.60	1.27%	
G	7/10/2022	Head	D5GHzV2 SN:1003 (5.60 GHz)	2/23/2023	8.520	85.20	83.50	2.04%	2.420	24.20	23.60	2.54%	
G	7/14/2022	Head	D5GHzV2 SN:1168 (5.6 GHz)	11/24/2022	7.990	79.90	81.70	-2.20%	2.290	22.90	23.30	-1.72%	
G	7/17/2022	Head	D5GHzV2 SN:1168 (5.6 GHz)	11/24/2022	8.210	82.10	81.70	0.49%	2.400	24.00	23.30	3.00%	9

SAR Lab	Date	Tissue Type	Dipole Type & Serial Number	Dipole Cal. Due Date	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Zoom Scan at 100 mW	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Zoom Scan at 100 mW	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	
H	7/3/2022	Head	D2300V2 SN:1058	9/29/2022	4.890	48.90	50.56	-3.28%	2.420	24.20	24.52	-1.31%	10
H	7/3/2022	Head	D5GHzV2 SN:1168 (5.75 GHz)	11/24/2022	7.750	77.50	77.00	0.65%	2.290	22.90	22.10	3.62%	
H	7/7/2022	Head	D5GHzV2 SN:1168 (5.75 GHz)	11/24/2022	7.860	78.60	77.00	2.08%	2.290	22.90	22.10	3.62%	
H	7/10/2022	Head	D5GHzV2 SN:1168 (5.75 GHz)	11/24/2022	8.180	81.80	77.00	6.23%	2.330	23.30	22.10	5.43%	
H	7/14/2022	Head	D5GHzV2 SN:1168 (5.75 GHz)	11/24/2022	7.990	79.90	77.00	3.77%	2.330	23.30	22.10	5.43%	
H	7/17/2022	Head	D5GHzV2 SN:1168 (5.75 GHz)	11/24/2022	8.330	83.30	77.00	8.18%	2.410	24.10	22.10	9.05%	11
H	7/18/2022	Head	D2450V2 SN:706	1/13/2023	5.340	53.40	53.80	-0.74%	2.610	26.10	25.00	4.40%	12

SAR Lab	Date	Tissue Type	Dipole Type & Serial Number	Dipole Cal. Due Date	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Zoom Scan at 100 mW	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Zoom Scan at 100 mW	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	
1	7/3/2022	Head	D2600V2 SN:1006	9/29/2022	5.530	55.30	54.94	0.66%	2.480	24.80	25.24	-1.74%	
1	7/7/2022	Head	D2600V2 SN:1006	9/29/2022	5.390	53.90	54.94	-1.89%	2.410	24.10	25.24	-4.52%	
1	7/10/2022	Head	D2600V2 SN:1006	9/29/2022	5.680	56.80	54.94	3.39%	2.540	25.40	25.24	0.63%	
1	7/14/2022	Head	D2600V2 SN:1006	9/29/2022	5.650	56.50	54.94	2.84%	2.530	25.30	25.24	0.24%	
1	7/17/2022	Head	D2600V2 SN:1006	9/29/2022	5.960	59.60	54.94	8.48%	2.660	26.60	25.24	5.39%	13

SAR Lab	Date	Tissue Type	Dipole Type & Serial Number	Dipole Cal. Due Date	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Zoom Scan at 100 mW	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Zoom Scan at 100 mW	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	
3	7/3/2022	Head	D3500V2 SN:1060	2/25/2023	6.470	64.70	66.20	-2.27%	2.490	24.90	24.70	0.81%	
3	7/3/2022	Head	D3700V2 SN:1039	5/6/2023	7.390	73.90	69.27	6.68%	2.730	27.30	25.68	6.32%	
3	7/7/2022	Head	D3500V2 SN:1060	2/25/2023	6.880	68.80	66.20	3.93%	2.650	26.50	24.70	7.29%	
3	7/7/2022	Head	D3700V2 SN:1039	5/6/2023	7.040	70.40	69.27	1.63%	2.640	26.40	25.68	2.81%	
3	7/10/2022	Head	D3500V2 SN:1060	2/25/2023	6.120	61.20	66.20	-7.55%	2.380	23.80	24.70	-3.64%	14
3	7/10/2022	Head	D3700V2 SN:1039	5/6/2023	7.390	73.90	69.27	6.68%	2.770	27.70	25.68	7.87%	15
3	7/14/2022	Head	D3500V2 SN:1060	2/25/2023	6.740	67.40	66.20	1.81%	2.590	25.90	24.70	4.86%	
3	7/14/2022	Head	D3700V2 SN:1039	5/6/2023	6.900	69.00	69.27	-0.39%	2.570	25.70	25.68	0.09%	
3	7/14/2022	Head	D3900V2 SN:1052	9/16/2022	6.740	67.40	70.10	-3.85%	2.410	24.10	24.30	-0.82%	16
3	7/17/2022	Head	D3500V2 SN:1060	2/25/2023	6.400	64.00	66.20	-3.32%	2.360	23.60	24.70	-4.45%	
3	7/17/2022	Head	D3700V2 SN:1039	5/6/2023	6.710	67.10	69.27	-3.13%	2.440	24.40	25.68	-4.98%	
3	7/18/2022	Head	D2300V2 SN:1058	9/29/2022	4.790	47.90	50.56	-5.26%	2.290	22.90	24.52	-6.61%	17

SAR Lab	Date	Tissue Type	Dipole Type & Serial Number	Dipole Cal. Due Date	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Zoom Scan at 100 mW	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Zoom Scan at 100 mW	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	
4	7/3/2022	Head	D3500V2 SN:1011	4/21/2023	6.620	66.20	66.50	-0.45%	2.520	25.20	24.90	1.20%	
4	7/3/2022	Head	D3700V2 SN:1039	5/6/2023	6.590	65.90	69.27	-4.87%	2.450	24.50	25.68	-4.59%	18
4	7/3/2022	Head	D3900V2 SN:1052	9/16/2022	6.450	64.50	70.10	-7.99%	2.300	23.00	24.30	-5.35%	19
4	7/7/2022	Head	D3500V2 SN:1011	4/21/2023	6.510	65.10	66.50	-2.11%	2.520	25.20	24.90	1.20%	
4	7/7/2022	Head	D3900V2 SN:1052	9/16/2022	6.720	67.20	70.10	-4.14%	2.390	23.90	24.30	-1.65%	
4	7/10/2022	Head	D3500V2 SN:1011	4/21/2023	6.290	62.90	66.50	-5.41%	2.460	24.60	24.90	-1.20%	20
4	7/10/2022	Head	D3700V2 SN:1039	5/6/2023	6.740	67.40	69.27	-2.70%	2.540	25.40	25.68	-1.08%	
4	7/10/2022	Head	D3900V2 SN:1052	9/16/2022	6.680	66.80	70.10	-4.71%	2.400	24.00	24.30	-1.23%	
4	7/13/2022	Head	D2600V2 SN:1006	9/29/2022	5.620	56.20	54.94	2.29%	2.540	25.40	25.24	0.63%	21
4	7/17/2022	Head	D3500V2 SN:1011	4/21/2023	6.570	65.70	66.50	-1.20%	2.530	25.30	24.90	1.61%	
4	7/17/2022	Head	D3700V2 SN:1039	5/6/2023	6.880	68.80	69.27	-0.68%	2.550	25.50	25.68	-0.69%	
4	7/17/2022	Head	D3900V2 SN:1052	9/16/2022	6.550	65.50	70.10	-6.56%	2.340	23.40	24.30	-3.70%	

SAR Lab	Date	Tissue Type	Dipole Type & Serial Number	Dipole Cal. Due Date	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Zoom Scan at 100 mW	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Zoom Scan at 100 mW	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	
6	7/3/2022	Head	D3500V2 SN:1060	2/25/2023	6.530	65.30	66.20	-1.36%	2.570	25.70	24.70	4.05%	
6	7/3/2022	Head	D3700V2 SN:1039	5/6/2023	7.030	70.30	69.27	1.49%	2.680	26.80	25.68	4.37%	
6	7/3/2022	Head	D3900V2 SN:1052	9/16/2022	6.630	66.30	70.10	-5.42%	2.360	23.60	24.30	-2.88%	
6	7/7/2022	Head	D3500V2 SN:1060	2/25/2023	6.560	65.60	66.20	-0.91%	2.510	25.10	24.70	1.62%	
6	7/7/2022	Head	D3900V2 SN:1052	9/16/2022	6.470	64.70	70.10	-7.70%	2.290	22.90	24.30	-5.76%	
6	7/11/2022	Head	D2600V2 SN:1006	9/29/2022	5.980	59.80	54.94	8.85%	2.660	26.60	25.24	5.39%	22
6	7/11/2022	Head	D3500V2 SN:1060	2/25/2023	6.720	67.20	66.20	1.51%	2.570	25.70	24.70	4.05%	
6	7/11/2022	Head	D3900V2 SN:1052	9/16/2022	6.590	65.90	70.10	-5.99%	2.340	23.40	24.30	-3.70%	
6	7/17/2022	Head	D3500V2 SN:1060	2/25/2023	6.190	61.90	66.20	-6.50%	2.370	23.70	24.70	-4.05%	23
6	7/17/2022	Head	D3700V2 SN:1039	5/6/2023	6.320	63.20	69.27	-8.76%	2.330	23.30	25.68	-9.26%	24
6	7/17/2022	Head	D3900V2 SN:1052	9/16/2022	6.440	64.40	70.10	-8.13%	2.270	22.70	24.30	-6.58%	25

SAR Lab	Date	Tissue Type	Dipole Type & Serial Number	Dipole Cal. Due Date	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Zoom Scan at 100 mW	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Zoom Scan at 100 mW	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	
8	7/3/2022	Head	D2450V2 SN:748	2/22/2023	5.450	54.50	52.40	4.01%	2.530	25.30	24.40	3.69%	
8	7/3/2022	Head	D2600V2 SN:1006	9/29/2022	5.800	58.00	54.94	5.57%	2.610	26.10	25.24	3.41%	
8	7/7/2022	Head	D2600V2 SN:1006	9/29/2022	5.740	57.40	54.94	4.48%	2.600	26.00	25.24	3.01%	
8	7/10/2022	Head	D2450V2 SN:748	2/22/2023	4.790	47.90	52.40	-8.59%	2.240	22.40	24.40	-8.20%	
8	7/13/2022	Head	D2600V2 SN:1006	9/29/2022	5.850	58.50	54.94	6.48%	2.640	26.40	25.24	4.60%	
8	7/14/2022	Head	D2450V2 SN:748	2/22/2023	5.660	56.60	52.40	8.02%	2.650	26.50	24.40	8.61%	26
8	7/17/2022	Head	D2450V2 SN:748	2/22/2023	5.590	55.90	52.40	6.68%	2.640	26.40	24.40	8.20%	
8	7/17/2022	Head	D2600V2 SN:1006	9/29/2022	5.860	58.60	54.94	6.66%	2.690	26.90	25.24	6.58%	27

SAR Lab	Date	Tissue Type	Dipole Type & Serial Number	Dipole Cal. Due Date	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Zoom Scan at 100 mW	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Zoom Scan at 100 mW	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	
10	7/5/2022	Head	D750V3 SN:1019	4/26/2023	0.812	8.12	8.62	-5.80%	0.525	5.25	5.67	-7.41%	28
10	7/9/2022	Head	D750V3 SN:1019	4/26/2023	0.889	8.89	8.62	3.13%	0.587	5.87	5.67	3.53%	
10	7/12/2022	Head	D2300V2 SN:1058	9/29/2022	4.910	49.10	50.56	-2.89%	2.370	23.70	24.52	-3.34%	29
10	7/13/2022	Head	D750V3 SN:1019	4/26/2023	0.878	8.78	8.62	1.86%	0.580	5.80	5.67	2.29%	
10	7/17/2022	Head	D750V3 SN:1019	4/26/2023	0.889	8.89	8.62	3.13%	0.584	5.84	5.67	3.00%	
10	7/19/2022	Head	D3700V2 SN:1039	5/6/2023	6.610	66.10	69.27	-4.58%	2.520	25.20	25.68	-1.86%	30

SAR Lab	Date	Tissue Type	Dipole Type & Serial Number	Dipole Cal. Due Date	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Zoom Scan at 100 mW	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Zoom Scan at 100 mW	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	
11	7/9/2022	Head	D900V2 SN:1d143	9/29/2022	1.100	11.00	10.71	2.71%	0.710	7.10	6.97	1.87%	
11	7/11/2022	Head	D1900V2 SN:5d163	9/29/2022	4.340	43.40	40.61	6.87%	2.250	22.50	21.02	7.04%	31
11	7/13/2022	Head	D900V2 SN:1d143	9/29/2022	1.120	11.20	10.71	4.58%	0.727	7.27	6.97	4.30%	
11	7/17/2022	Head	D900V2 SN:1d143	9/29/2022	1.140	11.40	10.71	6.44%	0.741	7.41	6.97	6.31%	32

SAR Lab	Date	Tissue Type	Dipole Type & Serial Number	Dipole Cal. Due Date	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Zoom Scan at 100 mW	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Zoom Scan at 100 mW	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	
12	7/1/2022	Head	D750V3 SN:1019	4/26/2023	0.916	9.16	8.62	6.26%	0.587	5.87	5.67	3.53%	33
12	7/2/2022	Head	D1750V2 SN:1077	9/29/2022	3.880	38.80	36.59	6.04%	2.070	20.70	19.51	6.10%	
12	7/5/2022	Head	D750V3 SN:1071	11/24/2022	0.876	8.76	8.36	4.78%	0.577	5.77	5.53	4.34%	
12	7/6/2022	Head	D1640V2 SN:324	3/8/2023	3.420	34.20	34.08	0.35%	1.880	18.80	18.67	0.70%	
12	7/9/2022	Head	D750V3 SN:1019	4/26/2023	0.841	8.41	8.62	-2.44%	0.553	5.53	5.67	-2.47%	
12	7/11/2022	Head	D1640V2 SN:324	3/8/2023	3.070	30.70	34.08	-9.92%	1.690	16.90	18.67	-9.48%	34
12	7/13/2022	Head	D750V3 SN:1019	4/26/2023	0.828	8.28	8.62	-3.94%	0.546	5.46	5.67	-3.70%	
12	7/13/2022	Head	D1750V2 SN:1077	9/29/2022	3.360	33.60	36.59	-8.17%	1.790	17.90	19.51	-8.25%	35
12	7/14/2022	Head	D1640V2 SN:324	3/8/2023	3.180	31.80	34.08	-6.69%	1.740	17.40	18.67	-6.80%	
12	7/17/2022	Head	D750V3 SN:1019	4/26/2023	0.848	8.48	8.62	-1.62%	0.562	5.62	5.67	-0.88%	

SAR Lab	Date	Tissue Type	Dipole Type & Serial Number	Dipole Cal. Due Date	Measured results for 1-g SAR				Measured results for 10-g SAR				Plot No.
					Zoom Scan at 100 mW	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	Zoom Scan at 100 mW	Normalize to 1 W	Target (Ref. Value)	Delta ±10%	
13	7/1/2022	Head	D835V2 SN:4d142	8/10/2022	1.010	10.10	9.64	4.77%	0.665	6.65	6.28	5.89%	36
13	7/3/2022	Head	D1900V2 SN:5d163	9/29/2022	4.240	42.40	40.61	4.41%	2.210	22.10	21.02	5.14%	
13	7/5/2022	Head	D835V2 SN:4d142	8/10/2022	1.010	10.10	9.64	4.77%	0.652	6.52	6.28	3.82%	
13	7/9/2022	Head	D835V2 SN:4d142	8/10/2022	0.970	9.70	9.64	0.62%	0.632	6.32	6.28	0.64%	
13	7/13/2022	Head	D900V2 SN:1d143	9/29/2022	1.070	10.70	10.71	-0.09%	0.690	6.90	6.97	-1.00%	
13	7/15/2022	Head	D1900V2 SN:5d163	9/29/2022	4.230	42.30	40.61	4.16%	2.240	22.40	21.02	6.57%	37
13	7/17/2022	Head	D900V2 SN:1d143	9/29/2022	1.090	10.90	10.71	1.77%	0.699	6.99	6.97	0.29%	38

9. Conducted Output Power Measurements

Power measurements were performed in accordance to the device's two power modes, Mode A and Mode B for each antenna. Mode A power is used when the device is used against the user's head or away from the body. Mode B power is used when the device is used in a Body-worn configuration by the user.

The selection between antennas in the application is based on RSSI based antenna selection. The full details of power selections are described in the operational description. Refer to Sec. 7 and Sec. 10 for details of the testing. Test reductions have applied accordingly following the SAR KDB Procedure for the supported wireless technologies of the DUT. This is noted in detail for each technology in their respective Sections.

The Tune-up limit already includes component tolerance. KDB 447498 sec.4.1.(d) at the maximum rated output power and within the tune-up tolerance range specified for the product, but not more than 2 dB lower than the maximum tune-up tolerance limit.

Two different powers are being displayed in this section:

- Target Output Power: Power not including the + tolerance
- Tune-Up Limit: Power of target + tolerance.

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 most number of time slots.

Output Power for GSM

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

RF Air interface	Mode	Target Output Power (dBm)								Tolerance	Maximum Output Power (Tune-up Limit) (dBm)							
		ANT1		ANT2		ANT3		ANT4			ANT1		ANT2		ANT3		ANT4	
		Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	+ / -	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B
GSM850	Voice/GPRS (1 slot)	32.5	32.0	30.5	31.5					1.0 / -1.0	33.5	33.0	31.5	32.5				
	GPRS 2 slots	31.5	29.0	27.5	30.1					1.0 / -1.0	32.5	30.0	28.5	31.1				
	EGPRS 1 slot	27.0	27.0	26.0	26.0					1.0 / -1.0	28.0	28.0	27.0	27.0				
	EGPRS 2 slots	26.0	26.0	25.0	25.0					1.0 / -1.0	27.0	27.0	26.0	26.0				
GSM1900	Voice/GPRS (1 slot)	31.0	29.5	26.9	27.5	30.5	27.7	27.9	28.0	1.0 / -1.0	32.0	30.5	27.9	28.5	31.5	28.7	28.9	29.0
	GPRS 2 slots	30.0	26.5	23.9	24.5	29.5	24.7	24.9	25.1	1.0 / -1.0	31.0	27.5	24.9	25.5	30.5	25.7	25.9	26.1
	EGPRS 1 slot	26.0	26.0	23.5	23.5	25.5	25.5	23.0	23.0	1.0 / -1.0	27.0	27.0	24.5	24.5	26.5	26.5	24.0	24.0
	EGPRS 2 slots	25.0	25.0	22.5	22.5	24.5	24.5	22.0	22.0	1.0 / -1.0	26.0	26.0	23.5	23.5	25.5	25.5	23.0	23.0

GSM850 Measured Results (ANT1)

Mode	Coding Scheme	Time Slots	Ch No.	Freq. (MHz)	Power Mode A (dBm)				Power Mode B (dBm)			
					Measured		Tune-up Limit		Measured		Tune-up Limit	
					Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr
GPRS/EDGE (GMSK)	CS1	1	128	824.2	32.4	23.4	33.5	24.5	31.9	22.9	33.0	24.0
			190	836.6	32.5	23.5			32.1	23.1		
			251	848.8	32.5	23.5			32.1	23.1		
		2	128	824.2	31.2	25.1	32.5	**26.5**	28.7	22.7	30.0	**24.0**
			190	836.6	31.5	25.5			29.0	23.0		
			251	848.8	31.5	25.5			29.0	23.0		
EDGE (8PSK)	MCS5	1	128	824.2	26.9	17.9	28.0	19.0	26.9	17.9	28.0	19.0
			190	836.6	27.0	18.0			27.0	18.0		
			251	848.8	27.1	18.0			27.1	18.0		
		2	128	824.2	26.0	20.0	27.0	21.0	26.0	20.0	27.0	21.0
			190	836.6	26.2	20.2			26.2	20.2		
			251	848.8	26.0	20.0			26.0	20.0		

Note(s):
Based on the Tune-up Procedure, GPRS/EDGE (GMSK) mode with 2 time slots for Mode A and Mode B have maximum frame-averaged power.

GSM850 Measured Results (ANT2)

Mode	Coding Scheme	Time Slots	Ch No.	Freq. (MHz)	Power Mode A (dBm)				Power Mode B (dBm)			
					Measured		Tune-up Limit		Measured		Tune-up Limit	
					Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr
GPRS/EDGE (GMSK)	CS1	1	128	824.2	30.1	21.1	31.5	22.5	31.1	22.1	32.5	23.5
			190	836.6	30.5	21.5			31.4	22.3		
			251	848.8	30.5	21.5			31.4	22.4		
		2	128	824.2	27.5	21.5	28.5	**22.5**	30.2	24.2	31.1	**25.1**
			190	836.6	27.5	21.5			30.2	24.2		
			251	848.8	27.4	21.4			30.1	24.1		
EDGE (8PSK)	MCS5	1	128	824.2	25.7	16.7	27.0	18.0	25.7	16.7	27.0	18.0
			190	836.6	25.9	16.9			25.9	16.9		
			251	848.8	25.9	16.9			25.9	16.9		
		2	128	824.2	25.0	19.0	26.0	20.0	25.0	19.0	26.0	20.0
			190	836.6	25.0	19.0			25.0	19.0		
			251	848.8	24.9	18.9			24.9	18.9		

Note(s):
Based on the Tune-up Procedure, GPRS/EDGE (GMSK) mode with 2 time slots for Mode A and Mode B have maximum frame-averaged power.

GSM1900 Measured Results (ANT1)

Mode	Coding Scheme	Time Slots	Ch No.	Freq. (MHz)	Power Mode A(dBm)				Power Mode B(dBm)			
					Measured		Tune-up Limit		Measured		Tune-up Limit	
					Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr
GPRS/EDGE (GMSK)	CS1	1	512	1850.2	31.0	22.0	32.0	23.0	29.0	20.0	30.5	21.5
			661	1880.0	31.2	22.1			29.3	20.3		
			810	1909.8	31.2	22.2			29.3	20.3		
		2	512	1850.2	30.0	23.9	31.0	**25.0**	26.6	20.6	27.5	**21.5**
			661	1880.0	30.0	24.0			26.7	20.7		
			810	1909.8	30.0	24.0			26.7	20.7		
EDGE (8PSK)	MCS5	1	512	1850.2	25.9	16.9	27.0	18.0	25.9	16.9	27.0	18.0
			661	1880.0	25.9	16.8			25.9	16.8		
			810	1909.8	26.0	17.0			26.0	17.0		
		2	512	1850.2	24.9	18.8	26.0	20.0	24.9	18.8	26.0	20.0
			661	1880.0	25.1	19.1			25.1	19.1		
			810	1909.8	24.8	18.7			24.8	18.7		

Note(s):
Based on the Tune-up Procedure, GPRS/EDGE (GMSK) mode with 2 time slots for Mode A and Mode B have maximum frame-averaged power.

GSM1900 Measured Results (ANT2)

Mode	Coding Scheme	Time Slots	Ch No.	Freq. (MHz)	Power Mode A(dBm)				Power Mode B (dBm)			
					Measured		Tune-up Limit		Measured		Tune-up Limit	
					Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr
GPRS/EDGE (GMSK)	CS1	1	512	1850.2	26.8	17.8	27.9	18.9	27.3	18.3	28.5	19.5
			661	1880.0	26.9	17.9			27.4	18.4		
			810	1909.8	26.8	17.8			27.4	18.4		
		2	512	1850.2	24.1	18.1	24.9	**18.9**	24.6	18.6	25.5	**19.5**
			661	1880.0	24.2	18.2			24.8	18.8		
			810	1909.8	24.2	18.2			24.8	18.8		
EDGE (8PSK)	MCS5	1	512	1850.2	23.9	14.9	24.5	15.5	23.9	14.9	24.5	15.5
			661	1880.0	23.9	14.9			23.9	14.9		
			810	1909.8	23.9	14.8			23.9	14.8		
		2	512	1850.2	22.9	16.8	23.5	17.5	22.9	16.8	23.5	17.5
			661	1880.0	22.9	16.9			22.9	16.9		
			810	1909.8	22.7	16.6			22.7	16.6		

Note(s):

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

GSM1900 Measured Results (ANT3)

Mode	Coding Scheme	Time Slots	Ch No.	Freq. (MHz)	Power Mode A (dBm)				Power Mode B (dBm)			
					Measured		Tune-up Limit		Measured		Tune-up Limit	
					Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr
GPRS/EDGE (GMSK)	CS1	1	512	1850.2	30.4	21.4	31.5	22.5	27.4	18.3	28.7	19.7
			661	1880.0	30.5	21.5			27.6	18.5		
			810	1909.8	30.5	21.5			27.6	18.5		
		2	512	1850.2	30.0	24.0	30.5	**24.5**	25.2	19.2	25.7	**19.7**
			661	1880.0	30.0	24.0			25.2	19.2		
			810	1909.8	30.0	24.0			25.2	19.2		
EDGE (8PSK)	MCS5	1	512	1850.2	25.6	16.6	26.5	17.5	25.6	16.6	26.5	17.5
			661	1880.0	25.6	16.6			25.6	16.6		
			810	1909.8	25.6	16.6			25.6	16.6		
		2	512	1850.2	24.6	18.6	25.5	19.5	24.6	18.6	25.5	19.5
			661	1880.0	24.6	18.6			24.6	18.6		
			810	1909.8	24.6	18.6			24.6	18.6		

Note(s):

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

GSM1900 Measured Results (ANT4)

Mode	Coding Scheme	Time Slots	Ch No.	Freq. (MHz)	Power Mode A (dBm)				Power Mode B (dBm)			
					Measured		Tune-up Limit		Measured		Tune-up Limit	
					Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr
GPRS/EDGE (GMSK)	CS1	1	512	1850.2	28.3	19.3	28.9	19.9	28.3	19.3	29.0	20.0
			661	1880.0	28.2	19.1			28.2	19.1		
			810	1909.8	28.1	19.1			28.1	19.1		
		2	512	1850.2	25.5	19.5	25.9	**19.9**	25.6	19.6	26.1	**20.1**
			661	1880.0	25.5	19.5			25.6	19.6		
			810	1909.8	25.4	19.4			25.5	19.5		
EDGE (8PSK)	MCS5	1	512	1850.2	23.1	14.1	24.0	15.0	23.1	14.1	24.0	15.0
			661	1880.0	23.2	14.2			23.2	14.2		
			810	1909.8	23.2	14.2			23.2	14.2		
		2	512	1850.2	22.3	16.3	23.0	17.0	22.3	16.3	23.0	17.0
			661	1880.0	22.2	16.2			22.2	16.2		
			810	1909.8	22.1	16.1			22.1	16.1		

Note(s):

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

9.2. W-CDMA

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

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

Release 99 Setup Procedures used to establish the test signals

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

HSDPA Setup Procedures used to establish the test signals

The following 4 Sub-tests were completed according to Release 5 procedures in table C.10.1.4 of 3GPP TS 34.121-1
A summary of these settings are illustrated below:

Table C.10.1.4: β values for transmitter characteristics tests with HS-DPCCH

Sub-test	β_c	β_d	β_d *(SF)*	β_c/β_d	β_{HS} *(Note1, Note 2)*	CM (dB) *(Note 3)*	MPR (dB) *(Note 3)*
1	2/15	15/15	64	2/15	4/15	0.0	0.0
2	12/15 *(Note 4)*	15/15 *(Note 4)*	64	12/15 *(Note 4)*	24/15	1.0	0.0
3	15/15	8/15	64	15/8	30/15	1.5	0.5
4	15/15	4/15	64	15/4	30/15	1.5	0.5

Note 1: Δ_{ACK}, Δ_{NACK} and Δ_{CQI} = 30/15 with β_{hs} = 30/15 * β_c.

Note 2: For the HS-DPCCH power mask requirement test in clause 5.2C, 5.7A, and the Error Vector Magnitude (EVM) with HS-DPCCH test in clause 5.13.1A, and HSDPA EVM with phase discontinuity in clause 5.13.1AA, Δ_{ACK} and Δ_{NACK} = 30/15 with β_{hs} = 30/15 * β_c, and Δ_{CQI} = 24/15 with β_{hs} = 24/15 * β_c.

Note 3: CM = 1 for β_c/β_d =12/15, β_{hs}/β_c=24/15. For all other combinations of DPDCH, DPCCH and HS-DPCCH the MPR is based on the relative CM difference. This is applicable for only UEs that support HSDPA in release 6 and later releases.

Note 4: For subtest 2 the β_c/β_d ratio of 12/15 for the TFC during the measurement period (TF1, TF0) is achieved by setting the signalled gain factors for the reference TFC (TF1, TF1) to β_c = 11/15 and β_d = 15/15.

HSUPA Setup Procedures used to establish the test signals

The following 5 Sub-tests were completed according to Release 6 procedures in table C.11.1.3 of 3GPP TS 34.121-1. A summary of these settings are illustrated below:

Table C.11.1.3: β values for transmitter characteristics tests with HS-DPCCH and E-DCH

Sub-test	β_c	β_d	β_d (SF)	β_c/β_d	β_{HS} (Note1)	β_{ec}	β_{ed} (Note 4) (Note 5)	β_{ed} (SF)	β_{ed} (Codes)	CM (dB) (Note 2)	MPR (dB) (Note 2) (Note 6)	AG Index (Note 5)	E-TFCI
1	11/15 (Note 3)	15/15 (Note 3)	64	11/15 (Note 3)	22/15	209/225	1309/225	4	1	1.0	0.0	20	75
2	6/15	15/15	64	6/15	12/15	12/15	94/75	4	1	3.0	2.0	12	67
3	15/15	9/15	64	15/9	30/15	30/15	$\beta_{ed}1$: 47/15 $\beta_{ed}2$: 47/15	4 4	2	2.0	1.0	15	92
4	2/15	15/15	64	2/15	4/15	2/15	56/75	4	1	3.0	2.0	17	71
5	15/15	0	-	-	5/15	5/15	47/15	4	1	1.0	0.0	12	67

Note 1: For sub-test 1 to 4, Δ_{ACK}, Δ_{NACK} and Δ_{CQI} = 30/15 with β_{hs} = 30/15 * β_c. For sub-test 5, Δ_{ACK}, Δ_{NACK} and Δ_{CQI} = 5/15 with β_{hs} = 5/15 * β_c.

Note 2: CM = 1 for β_c/β_d =12/15, β_{hs}/β_c=24/15. For all other combinations of DPDCH, DPCCH, HS- DPCCH, E-DPDCH and E-DPCCH the MPR is based on the relative CM difference.

Note 3: For subtest 1 the β_c/β_d ratio of 11/15 for the TFC during the measurement period (TF1, TF0) is achieved by setting the signalled gain factors for the reference TFC (TF1, TF1) to β_c = 10/15 and β_d = 15/15.

Note 4: In case of testing by UE using E-DPDCH Physical Layer category 1, Sub-test 3 is omitted according to TS25.306 Table 5.1g.

Note 5: β_{ed} can not be set directly; it is set by Absolute Grant Value.

Note 6: For subtests 2, 3 and 4, UE may perform E-DPDCH power scaling at max power which could results in slightly smaller MPR values.

DC-HSDPA Setup Procedures used to establish the test signals

The following 4 Sub-tests for DC-HSDPA were completed according to Release 8 procedures in table C08.1.12 of 3GPP TS 34.121-1. A summary of subtest settings are illustrated below:

Table C.8.1.12: Fixed Reference Channel H-Set 12

Parameter	Unit	Value
Nominal Avg. Inf. Bit Rate	kbps	60
Inter-TTI Distance	TTI's	1
Number of HARQ Processes	Proces ses	6
Information Bit Payload (N_{INF})	Bits	120
Number Code Blocks	Blocks	1
Binary Channel Bits Per TTI	Bits	960
Total Available SML's in UE	SML's	19200
Number of SML's per HARQ Proc.	SML's	3200
Coding Rate		0.15
Number of Physical Channel Codes	Codes	1
Modulation		QPSK
Note 1: The RMC is intended to be used for DC-HSDPA mode and both cells shall transmit with identical parameters as listed in the table.		
Note 2: Maximum number of transmission is limited to 1, i.e., retransmission is not allowed. The redundancy and constellation version 0 shall be used.		

HSPA+ Setup Procedures used to establish the test signals

The following 1 Sub-test was completed according to Release 7 procedures in table C.11.1.4 of 3GPP TS34.121. A summary of these settings are illustrated below:

Table C.11.1.4: β values for transmitter characteristics tests with HS-DPCCH and E-DCH with 16QAM

Sub-test	β_c (Note3)	β_d	β_{HS} (Note1)	β_{ec}	β_{ed} (2xSF2) (Note 4)	β_{ed} (2xSF4) (Note 4)	CM (dB) (Note 2)	MPR (dB) (Note 2)	AG Index (Note 4)	E-TFCI (Note 5)	E-TFCI (boost)
1	1	0	30/15	30/15	$\beta_{ed}1$: 30/15 $\beta_{ed}2$: 30/15	$\beta_{ed}3$: 24/15 $\beta_{ed}4$: 24/15	3.5	2.5	14	105	105

Note 1: Δ_{ACK}, Δ_{NACK} and Δ_{CQI} = 30/15 with β_{hs} = 30/15 * β_c .
Note 2: CM = 3.5 and the MPR is based on the relative CM difference, MPR = MAX(CM-1,0).
Note 3: DPDCH is not configured, therefore the β_c is set to 1 and β_d = 0 by default.
Note 4: β_{ed} can not be set directly; it is set by Absolute Grant Value.
Note 5: All the sub-tests require the UE to transmit 2SF2+2SF4 16QAM EDCH and they apply for UE using E-DPDCH category 7. E-DCH TTI is set to 2ms TTI and E-DCH table index = 2. To support these E-DCH configurations DPDCH is not allocated. The UE is signalled to use the extrapolation algorithm.

Output Power for W-CDMA

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

RF Air interface	Mode	Target Output Power (dBm)								Tolerance	Maximum Output Power (Tune-up Limit) (dBm)							
		ANT1		ANT2		ANT3		ANT4			ANT1		ANT2		ANT3		ANT4	
		Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	+ / -	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B
W-CDMA Band 2	R99	25.0	20.8	18.2	18.8	24.4	19.0	19.2	19.4	0.7 / -1.0	25.7	21.5	18.9	19.5	25.1	19.7	19.9	20.1
	HSDPA	25.0	20.8	18.2	18.8	24.4	19.0	19.2	19.4	0.7 / -1.0	25.7	21.5	18.9	19.5	25.1	19.7	19.9	20.1
	HSUPA	25.0	20.8	18.2	18.8	24.4	19.0	19.2	19.4	0.7 / -1.0	25.7	21.5	18.9	19.5	25.1	19.7	19.9	20.1
	DC-HSDPA	25.0	20.8	18.2	18.8	24.4	19.0	19.2	19.4	0.7 / -1.0	25.7	21.5	18.9	19.5	25.1	19.7	19.9	20.1
	HSPA+	25.0	20.8	18.2	18.8	24.4	19.0	19.2	19.4	0.7 / -1.0	25.7	21.5	18.9	19.5	25.1	19.7	19.9	20.1
W-CDMA Band 4	R99	24.5	18.4	18.5	18.9	24.5	20.0	19.6	19.7	0.7 / -1.0	25.2	19.1	19.2	19.6	25.2	20.7	20.3	20.4
	HSDPA	24.5	18.4	18.5	18.9	24.5	20.0	19.6	19.7	0.7 / -1.0	25.2	19.1	19.2	19.6	25.2	20.7	20.3	20.4
	HSUPA	24.5	18.4	18.5	18.9	24.5	20.0	19.6	19.7	0.7 / -1.0	25.2	19.1	19.2	19.6	25.2	20.7	20.3	20.4
	DC-HSDPA	24.5	18.4	18.5	18.9	24.5	20.0	19.6	19.7	0.7 / -1.0	25.2	19.1	19.2	19.6	25.2	20.7	20.3	20.4
	HSPA+	24.5	18.4	18.5	18.9	24.5	20.0	19.6	19.7	0.7 / -1.0	25.2	19.1	19.2	19.6	25.2	20.7	20.3	20.4
W-CDMA Band 5	R99	25.0	23.3	21.8	24.0					0.7 / -1.0	25.7	24.0	22.5	24.7				
	HSDPA	25.0	23.3	21.8	24.0					0.7 / -1.0	25.7	24.0	22.5	24.7				
	HSUPA	25.0	23.3	21.8	24.0					0.7 / -1.0	25.7	24.0	22.5	24.7				
	DC-HSDPA	25.0	23.3	21.8	24.0					0.7 / -1.0	25.7	24.0	22.5	24.7				
	HSPA+	25.0	23.3	21.8	24.0					0.7 / -1.0	25.7	24.0	22.5	24.7				

W-CDMA Band 2 Measured Results (ANT1)

Mode		UL Ch No.	Freq. (MHz)	Power Mode A (dBm)			Power Mode B (dBm)		
				Measured Pwr	MPR	Tune-up Limit	Measured Pwr	MPR	Tune-up Limit
Release 99	Rel 99 (RMC, 12.2 kbps)	9262	1852.4	25.2	N/A	25.7	21.3	N/A	21.5
		9400	1880.0	25.2			21.3		
		9538	1907.6	25.1			21.2		
HSDPA	Subtest 1	9262	1852.4	24.2	0	25.7	20.0	0	21.5
		9400	1880.0	24.1			20.1		
		9538	1907.6	24.1			20.0		
	Subtest 2	9262	1852.4	24.2	0	25.7	20.1	0	21.5
		9400	1880.0	24.2			20.1		
		9538	1907.6	24.1			20.0		
	Subtest 3	9262	1852.4	23.7	0.5	25.2	19.6	0.5	21.0
		9400	1880.0	23.6			19.6		
		9538	1907.6	23.6			19.5		
	Subtest 4	9262	1852.4	23.6	0.5	25.2	19.6	0.5	21.0
		9400	1880.0	23.6			19.6		
		9538	1907.6	23.6			19.5		
HSUPA	Subtest 1	9262	1852.4	24.2	0	25.7	20.0	0	21.5
		9400	1880.0	24.2			20.1		
		9538	1907.6	24.1			20.0		
	Subtest 2	9262	1852.4	22.2	2	23.7	18.1	2	19.5
		9400	1880.0	22.2			18.1		
		9538	1907.6	22.1			18.0		
	Subtest 3	9262	1852.4	23.2	1	24.7	19.1	1	20.5
		9400	1880.0	23.1			19.1		
		9538	1907.6	23.2			19.0		
	Subtest 4	9262	1852.4	22.2	2	23.7	18.1	2	19.5
		9400	1880.0	22.2			18.1		
		9538	1907.6	22.1			18.0		
	Subtest 5	9262	1852.4	23.7	0	25.7	20.5	0	21.5
		9400	1880.0	23.7			20.5		
		9538	1907.6	23.7			20.5		
DC-HSDPA	Subtest 1	9262	1852.4	24.1	0	25.7	20.0	0	21.5
		9400	1880.0	24.2			20.0		
		9538	1907.6	24.1			19.5		
	Subtest 2	9262	1852.4	24.2	0	25.7	20.5	0	21.5
		9400	1880.0	24.1			20.5		
		9538	1907.6	24.1			20.5		
	Subtest 3	9262	1852.4	23.6	0.5	25.2	20.6	0.5	21.0
		9400	1880.0	23.6			20.6		
		9538	1907.6	23.6			20.6		
	Subtest 4	9262	1852.4	23.6	0.5	25.2	20.6	0.5	21.0
		9400	1880.0	23.6			20.6		
		9538	1907.6	23.6			20.5		
HSPA+	Subtest 1	9262	1852.4	23.2	2.5	23.2	18.4	2.5	19.0
		9400	1880.0	23.2			18.5		
		9538	1907.6	23.1			18.6		

W-CDMA Band 2 Measured Results (ANT2)

Mode		UL Ch No.	Freq. (MHz)	Power Mode A (dBm)			Power Mode B (dBm)		
				Measured Pwr	MPR	Tune-up Limit	Measured Pwr	MPR	Tune-up Limit
Release 99	Rel 99 (RMC, 12.2 kbps)	9262	1852.4	18.5	N/A	18.9	19.1	N/A	19.5
		9400	1880.0	18.5			19.1		
		9538	1907.6	18.5			19.1		
HSDPA	Subtest 1	9262	1852.4	17.5	0	18.9	18.1	0	19.5
		9400	1880.0	17.5			18.1		
		9538	1907.6	17.5			18.1		
	Subtest 2	9262	1852.4	17.5	0	18.9	18.1	0	19.5
		9400	1880.0	17.5			18.1		
		9538	1907.6	17.4			18.1		
	Subtest 3	9262	1852.4	17.0	0.5	18.4	17.6	0.5	19.0
		9400	1880.0	17.0			17.6		
		9538	1907.6	16.9			17.6		
	Subtest 4	9262	1852.4	17.0	0.5	18.4	17.6	0.5	19.0
		9400	1880.0	17.0			17.7		
		9538	1907.6	17.0			17.6		
HSUPA	Subtest 1	9262	1852.4	17.5	0	18.9	18.1	0	19.5
		9400	1880.0	17.5			18.2		
		9538	1907.6	17.4			18.1		
	Subtest 2	9262	1852.4	15.5	2	16.9	16.1	2	17.5
		9400	1880.0	15.6			16.2		
		9538	1907.6	15.5			16.1		
	Subtest 3	9262	1852.4	16.5	1	17.9	17.2	1	18.5
		9400	1880.0	16.5			17.2		
		9538	1907.6	16.4			17.1		
	Subtest 4	9262	1852.4	15.5	2	16.9	16.1	2	17.5
		9400	1880.0	15.6			16.2		
		9538	1907.6	15.5			16.1		
	Subtest 5	9262	1852.4	17.1	0	18.9	17.7	0	19.5
		9400	1880.0	17.2			17.7		
		9538	1907.6	17.0			17.6		
DC-HSDPA	Subtest 1	9262	1852.4	17.5	0	18.9	18.1	0	19.5
		9400	1880.0	17.6			18.2		
		9538	1907.6	17.5			18.1		
	Subtest 2	9262	1852.4	17.6	0	18.9	18.2	0	19.5
		9400	1880.0	17.6			18.2		
		9538	1907.6	17.5			18.1		
	Subtest 3	9262	1852.4	17.1	0.5	18.4	17.6	0.5	19.0
		9400	1880.0	17.1			17.7		
		9538	1907.6	17.0			17.6		
	Subtest 4	9262	1852.4	17.1	0.5	18.4	17.7	0.5	19.0
		9400	1880.0	17.1			17.7		
		9538	1907.6	17.0			17.6		
HSPA+	Subtest 1	9262	1852.4	16.4	2.5	16.4	16.9	2.5	17.0
		9400	1880.0	16.4			17.0		
		9538	1907.6	16.4			16.9		

W-CDMA Band 2 Measured Results (ANT3)

Mode		UL Ch No.	Freq. (MHz)	Power Mode A (dBm)			Power Mode B (dBm)		
				Measured Pwr	MPR	Tune-up Limit	Measured Pwr	MPR	Tune-up Limit
Release 99	Rel 99 (RMC, 12.2 kbps)	9262	1852.4	24.7	N/A	25.1	19.0	N/A	19.7
		9400	1880.0	24.9			19.0		
		9538	1907.6	24.9			19.0		
HSDPA	Subtest 1	9262	1852.4	23.7	0	25.1	18.2	0	19.7
		9400	1880.0	23.9			18.4		
		9538	1907.6	23.9			18.4		
	Subtest 2	9262	1852.4	23.7	0	25.1	18.2	0	19.7
		9400	1880.0	23.9			18.4		
		9538	1907.6	23.9			18.4		
	Subtest 3	9262	1852.4	23.2	0.5	24.6	17.7	0.5	19.2
		9400	1880.0	23.4			17.9		
		9538	1907.6	23.4			17.9		
	Subtest 4	9262	1852.4	23.2	0.5	24.6	17.7	0.5	19.2
		9400	1880.0	23.4			17.9		
		9538	1907.6	23.4			17.9		
HSUPA	Subtest 1	9262	1852.4	23.7	0	25.1	18.2	0	19.7
		9400	1880.0	23.9			18.4		
		9538	1907.6	24.0			18.5		
	Subtest 2	9262	1852.4	21.8	2	23.1	16.2	2	17.7
		9400	1880.0	22.0			16.4		
		9538	1907.6	22.0			16.5		
	Subtest 3	9262	1852.4	22.7	1	24.1	17.4	1	18.7
		9400	1880.0	23.0			17.4		
		9538	1907.6	22.9			17.5		
	Subtest 4	9262	1852.4	21.8	2	23.1	16.2	2	17.7
		9400	1880.0	21.9			16.4		
		9538	1907.6	22.0			16.5		
	Subtest 5	9262	1852.4	23.3	0	25.1	18.8	0	19.7
		9400	1880.0	23.5			18.0		
		9538	1907.6	23.5			18.0		
DC-HSDPA	Subtest 1	9262	1852.4	23.7	0	25.1	18.4	0	19.7
		9400	1880.0	23.9			18.4		
		9538	1907.6	23.9			18.4		
	Subtest 2	9262	1852.4	23.7	0	25.1	18.2	0	19.7
		9400	1880.0	23.9			18.4		
		9538	1907.6	23.9			18.5		
	Subtest 3	9262	1852.4	23.2	0.5	24.6	17.7	0.5	19.2
		9400	1880.0	23.4			17.9		
		9538	1907.6	23.4			18.0		
	Subtest 4	9262	1852.4	23.2	0.5	24.6	17.7	0.5	19.2
		9400	1880.0	23.4			17.9		
		9538	1907.6	23.4			17.9		
HSPA+	Subtest 1	9262	1852.4	22.6	2.5	22.6	17.2	2.5	17.2
		9400	1880.0	22.6			17.1		
		9538	1907.6	22.5			17.2		

W-CDMA Band 2 Measured Results (ANT4)

Mode		UL Ch No.	Freq. (MHz)	Power Mode A (dBm)			Power Mode B (dBm)		
				Measured Pwr	MPR	Tune-up Limit	Measured Pwr	MPR	Tune-up Limit
Release 99	Rel 99 (RMC, 12.2 kbps)	9262	1852.4	19.4	N/A	19.9	19.6	N/A	20.1
		9400	1880.0	19.4			19.6		
		9538	1907.6	19.3			19.5		
HSDPA	Subtest 1	9262	1852.4	18.3	0	19.9	18.5	0	20.1
		9400	1880.0	18.4			18.6		
		9538	1907.6	18.4			18.6		
	Subtest 2	9262	1852.4	18.3	0	19.9	18.4	0	20.1
		9400	1880.0	18.4			18.6		
		9538	1907.6	18.4			18.6		
	Subtest 3	9262	1852.4	17.8	0.5	19.4	18.0	0.5	19.6
		9400	1880.0	17.9			18.1		
		9538	1907.6	17.9			18.1		
	Subtest 4	9262	1852.4	17.8	0.5	19.4	17.9	0.5	19.6
		9400	1880.0	17.9			18.1		
		9538	1907.6	17.9			18.1		
HSUPA	Subtest 1	9262	1852.4	18.2	0	19.9	18.4	0	20.1
		9400	1880.0	18.4			18.6		
		9538	1907.6	18.4			18.6		
	Subtest 2	9262	1852.4	16.3	2	17.9	16.5	2	18.1
		9400	1880.0	16.4			16.6		
		9538	1907.6	16.4			16.6		
	Subtest 3	9262	1852.4	17.3	1	18.9	17.5	1	19.1
		9400	1880.0	17.1			17.6		
		9538	1907.6	17.2			17.6		
	Subtest 4	9262	1852.4	16.2	2	17.9	16.5	2	18.1
		9400	1880.0	16.4			16.6		
		9538	1907.6	16.4			16.6		
	Subtest 5	9262	1852.4	17.9	0	19.9	18.3	0	20.1
		9400	1880.0	18.0			18.2		
		9538	1907.6	18.0			18.2		
DC-HSDPA	Subtest 1	9262	1852.4	18.6	0	19.9	18.4	0	20.1
		9400	1880.0	18.4			18.6		
		9538	1907.6	18.4			18.6		
	Subtest 2	9262	1852.4	18.3	0	19.9	18.5	0	20.1
		9400	1880.0	18.4			18.6		
		9538	1907.6	18.4			18.6		
	Subtest 3	9262	1852.4	17.7	0.5	19.4	18.0	0.5	19.6
		9400	1880.0	17.9			18.1		
		9538	1907.6	17.9			18.1		
	Subtest 4	9262	1852.4	17.8	0.5	19.4	18.0	0.5	19.6
		9400	1880.0	17.9			18.1		
		9538	1907.6	17.9			18.1		
HSPA+	Subtest 1	9262	1852.4	17.3	2.5	17.4	17.4	2.5	17.6
		9400	1880.0	17.4			17.5		
		9538	1907.6	17.4			17.6		

W-CDMA Band 4 Measured Results (ANT1)

Mode		UL Ch No.	Freq. (MHz)	Power Mode A (dBm)			Power Mode B (dBm)		
				Measured Pwr	MPR	Tune-up Limit	Measured Pwr	MPR	Tune-up Limit
Release 99	Rel 99 (RMC, 12.2 kbps)	1312	1712.4	25.1	N/A	25.2	18.3	N/A	19.1
		1413	1732.6	25.1			18.3		
		1513	1752.6	25.0			18.3		
HSDPA	Subtest 1	1312	1712.4	24.2	0	25.2	17.4	0	19.1
		1413	1732.6	24.1			17.3		
		1513	1752.6	24.0			17.2		
	Subtest 2	1312	1712.4	24.1	0	25.2	17.2	0	19.1
		1413	1732.6	24.1			17.2		
		1513	1752.6	24.0			17.2		
	Subtest 3	1312	1712.4	23.6	0.5	24.7	16.7	0.5	18.6
		1413	1732.6	23.6			16.7		
		1513	1752.6	23.5			16.7		
	Subtest 4	1312	1712.4	23.6	0.5	24.7	16.7	0.5	18.6
		1413	1732.6	23.6			16.7		
		1513	1752.6	23.5			16.7		
HSUPA	Subtest 1	1312	1712.4	24.1	0	25.2	17.3	0	19.1
		1413	1732.6	24.1			17.2		
		1513	1752.6	24.0			17.2		
	Subtest 2	1312	1712.4	22.1	2	23.2	16.7	2	17.1
		1413	1732.6	22.1			16.8		
		1513	1752.6	22.0			16.7		
	Subtest 3	1312	1712.4	22.9	1	24.2	17.1	1	18.1
		1413	1732.6	23.1			17.1		
		1513	1752.6	23.0			17.0		
	Subtest 4	1312	1712.4	22.1	2	23.2	16.1	2	17.1
		1413	1732.6	22.2			16.1		
		1513	1752.6	22.0			16.6		
	Subtest 5	1312	1712.4	23.7	0	25.2	18.3	0	19.1
		1413	1732.6	23.7			18.3		
		1513	1752.6	23.6			18.3		
DC-HSDPA	Subtest 1	1312	1712.4	24.2	0	25.2	18.1	0	19.1
		1413	1732.6	24.2			18.1		
		1513	1752.6	24.0			18.0		
	Subtest 2	1312	1712.4	24.2	0	25.2	18.1	0	19.1
		1413	1732.6	24.2			18.1		
		1513	1752.6	24.0			18.0		
	Subtest 3	1312	1712.4	23.7	0.5	24.7	18.0	0.5	18.6
		1413	1732.6	23.7			18.1		
		1513	1752.6	23.5			18.1		
	Subtest 4	1312	1712.4	23.6	0.5	24.7	18.0	0.5	18.6
		1413	1732.6	23.6			18.1		
		1513	1752.6	23.5			18.1		
HSPA+	Subtest 1	1312	1712.4	22.7	2.5	22.7	16.4	2.5	16.6
		1413	1732.6	22.6			16.6		
		1513	1752.6	22.7			16.5		

W-CDMA Band 4 Measured Results (ANT2)

Mode		UL Ch No.	Freq. (MHz)	Power Mode A (dBm)			Power Mode B (dBm)		
				Measured Pwr	MPR	Tune-up Limit	Measured Pwr	MPR	Tune-up Limit
Release 99	Rel 99 (RMC, 12.2 kbps)	1312	1712.4	18.5	N/A	19.2	18.6	N/A	19.6
		1413	1732.6	18.6			18.7		
		1513	1752.6	18.5			18.7		
HSDPA	Subtest 1	1312	1712.4	17.5	0	19.2	17.9	0	19.6
		1413	1732.6	17.6			18.0		
		1513	1752.6	17.5			17.9		
	Subtest 2	1312	1712.4	17.6	0	19.2	17.9	0	19.6
		1413	1732.6	17.6			18.0		
		1513	1752.6	17.5			17.9		
	Subtest 3	1312	1712.4	17.1	0.5	18.7	17.5	0.5	19.1
		1413	1732.6	17.1			17.5		
		1513	1752.6	17.0			17.4		
	Subtest 4	1312	1712.4	17.1	0.5	18.7	17.5	0.5	19.1
		1413	1732.6	17.0			17.5		
		1513	1752.6	17.0			17.4		
HSUPA	Subtest 1	1312	1712.4	17.6	0	19.2	18.0	0	19.6
		1413	1732.6	17.6			18.0		
		1513	1752.6	17.5			17.9		
	Subtest 2	1312	1712.4	15.6	2	17.2	16.0	2	17.6
		1413	1732.6	15.6			16.0		
		1513	1752.6	15.5			15.9		
	Subtest 3	1312	1712.4	16.6	1	18.2	17.0	1	18.6
		1413	1732.6	16.6			17.0		
		1513	1752.6	16.5			16.9		
	Subtest 4	1312	1712.4	15.6	2	17.2	16.0	2	17.6
		1413	1732.6	15.6			16.0		
		1513	1752.6	15.5			15.9		
	Subtest 5	1312	1712.4	18.1	0	19.2	17.7	0	19.6
		1413	1732.6	18.2			17.6		
		1513	1752.6	18.2			17.7		
DC-HSDPA	Subtest 1	1312	1712.4	17.5	0	19.2	18.0	0	19.6
		1413	1732.6	17.6			18.0		
		1513	1752.6	17.5			17.9		
	Subtest 2	1312	1712.4	17.6	0	19.2	18.0	0	19.6
		1413	1732.6	17.6			18.0		
		1513	1752.6	17.5			17.9		
	Subtest 3	1312	1712.4	17.1	0.5	18.7	17.5	0.5	19.1
		1413	1732.6	17.1			17.5		
		1513	1752.6	17.0			17.4		
	Subtest 4	1312	1712.4	17.1	0.5	18.7	17.5	0.5	19.1
		1413	1732.6	17.1			17.5		
		1513	1752.6	17.0			17.4		
HSPA+	Subtest 1	1312	1712.4	16.6	2.5	16.7	17.0	2.5	17.1
		1413	1732.6	16.6			17.0		
		1513	1752.6	16.5			16.9		

W-CDMA Band 4 Measured Results (ANT3)

Mode		UL Ch No.	Freq. (MHz)	Power Mode A (dBm)			Power Mode B (dBm)		
				Measured Pwr	MPR	Tune-up Limit	Measured Pwr	MPR	Tune-up Limit
Release 99	Rel 99 (RMC, 12.2 kbps)	1312	1712.4	24.5	N/A	25.2	20.0	N/A	20.7
		1413	1732.6	24.5			20.0		
		1513	1752.6	24.4			19.9		
HSDPA	Subtest 1	1312	1712.4	23.8	0	25.2	19.3	0	20.7
		1413	1732.6	23.5			19.0		
		1513	1752.6	23.4			18.9		
	Subtest 2	1312	1712.4	23.8	0	25.2	19.3	0	20.7
		1413	1732.6	23.5			19.0		
		1513	1752.6	23.4			18.9		
	Subtest 3	1312	1712.4	23.3	0.5	24.7	18.8	0.5	20.2
		1413	1732.6	23.0			18.5		
		1513	1752.6	22.9			18.4		
	Subtest 4	1312	1712.4	23.3	0.5	24.7	18.8	0.5	20.2
		1413	1732.6	23.0			18.5		
		1513	1752.6	22.9			18.4		
HSUPA	Subtest 1	1312	1712.4	23.8	0	25.2	19.3	0	20.7
		1413	1732.6	23.5			19.0		
		1513	1752.6	23.4			18.9		
	Subtest 2	1312	1712.4	21.8	2	23.2	17.3	2	18.7
		1413	1732.6	21.6			17.1		
		1513	1752.6	21.5			16.9		
	Subtest 3	1312	1712.4	22.8	1	24.2	18.8	1	19.7
		1413	1732.6	22.5			18.5		
		1513	1752.6	22.4			18.4		
	Subtest 4	1312	1712.4	21.8	2	23.2	17.8	2	18.7
		1413	1732.6	21.6			17.5		
		1513	1752.6	21.4			17.0		
	Subtest 5	1312	1712.4	23.4	0	25.2	18.9	0	20.7
		1413	1732.6	23.4			18.8		
		1513	1752.6	23.4			18.9		
DC-HSDPA	Subtest 1	1312	1712.4	23.8	0	25.2	19.3	0	20.7
		1413	1732.6	23.5			19.0		
		1513	1752.6	23.4			18.9		
	Subtest 2	1312	1712.4	23.8	0	25.2	19.3	0	20.7
		1413	1732.6	23.5			19.0		
		1513	1752.6	23.4			18.9		
	Subtest 3	1312	1712.4	23.3	0.5	24.7	18.8	0.5	20.2
		1413	1732.6	23.0			18.6		
		1513	1752.6	22.9			18.4		
	Subtest 4	1312	1712.4	23.3	0.5	24.7	18.8	0.5	20.2
		1413	1732.6	23.0			18.5		
		1513	1752.6	22.9			18.4		
HSPA+	Subtest 1	1312	1712.4	22.7	2.5	22.7	18.1	2.5	18.2
		1413	1732.6	22.7			18.1		
		1513	1752.6	22.7			18.1		

W-CDMA Band 4 Measured Results (ANT4)

Mode		UL Ch No.	Freq. (MHz)	Power Mode A (dBm)			Power Mode B (dBm)		
				Measured Pwr	MPR	Tune-up Limit	Measured Pwr	MPR	Tune-up Limit
Release 99	Rel 99 (RMC, 12.2 kbps)	1312	1712.4	19.7	N/A	20.3	19.9	N/A	20.4
		1413	1732.6	19.8			20.0		
		1513	1752.6	19.8			20.0		
HSDPA	Subtest 1	1312	1712.4	18.9	0	20.3	19.0	0	20.4
		1413	1732.6	18.8			18.9		
		1513	1752.6	18.7			18.8		
	Subtest 2	1312	1712.4	18.9	0	20.3	19.0	0	20.4
		1413	1732.6	18.8			18.8		
		1513	1752.6	18.7			18.8		
	Subtest 3	1312	1712.4	18.4	0.5	19.8	18.5	0.5	19.9
		1413	1732.6	18.3			18.4		
		1513	1752.6	18.2			18.3		
	Subtest 4	1312	1712.4	18.4	0.5	19.8	18.5	0.5	19.9
		1413	1732.6	18.3			18.3		
		1513	1752.6	18.2			18.3		
HSUPA	Subtest 1	1312	1712.4	18.9	0	20.3	19.0	0	20.4
		1413	1732.6	18.8			18.9		
		1513	1752.6	18.7			18.8		
	Subtest 2	1312	1712.4	16.9	2	18.3	17.0	2	18.4
		1413	1732.6	16.8			16.9		
		1513	1752.6	16.7			16.8		
	Subtest 3	1312	1712.4	17.9	1	19.3	18.0	1	19.4
		1413	1732.6	17.8			17.9		
		1513	1752.6	17.7			17.8		
	Subtest 4	1312	1712.4	16.9	2	18.3	17.0	2	18.4
		1413	1732.6	16.8			16.9		
		1513	1752.6	16.7			16.8		
	Subtest 5	1312	1712.4	18.7	0	20.3	18.6	0	20.4
		1413	1732.6	18.7			18.5		
		1513	1752.6	18.7			18.4		
DC-HSDPA	Subtest 1	1312	1712.4	18.9	0	20.3	19.0	0	20.4
		1413	1732.6	18.8			18.9		
		1513	1752.6	18.7			18.8		
	Subtest 2	1312	1712.4	18.9	0	20.3	19.0	0	20.4
		1413	1732.6	18.8			18.9		
		1513	1752.6	18.7			18.8		
	Subtest 3	1312	1712.4	18.4	0.5	19.8	18.5	0.5	19.9
		1413	1732.6	18.3			18.4		
		1513	1752.6	18.2			18.3		
	Subtest 4	1312	1712.4	18.4	0.5	19.8	18.5	0.5	19.9
		1413	1732.6	18.3			18.4		
		1513	1752.6	18.2			18.3		
HSPA+	Subtest 1	1312	1712.4	17.8	2.5	17.8	17.9	2.5	17.9
		1413	1732.6	17.8			17.8		
		1513	1752.6	17.8			17.8		

W-CDMA Band 5 Measured Results (ANT1)

Mode		UL Ch No.	Freq. (MHz)	Power Mode A (dBm)			Power Mode B (dBm)		
				Measured Pwr	MPR	Tune-up Limit	Measured Pwr	MPR	Tune-up Limit
Release 99	Rel 99 (RMC, 12.2 kbps)	4132	826.4	24.9	N/A	25.7	23.5	N/A	24.0
		4183	836.6	24.9			23.5		
		4233	846.6	25.0			23.5		
HSDPA	Subtest 1	4132	826.4	23.9	0	25.7	22.3	0	24.0
		4183	836.6	23.9			22.4		
		4233	846.6	24.0			22.4		
	Subtest 2	4132	826.4	23.9	0	25.7	22.4	0	24.0
		4183	836.6	23.9			22.4		
		4233	846.6	24.0			22.4		
	Subtest 3	4132	826.4	23.4	0.5	25.2	21.9	0.5	23.5
		4183	836.6	23.4			21.9		
		4233	846.6	23.5			22.0		
	Subtest 4	4132	826.4	23.4	0.5	25.2	21.9	0.5	23.5
		4183	836.6	23.4			21.9		
		4233	846.6	23.4			22.0		
HSUPA	Subtest 1	4132	826.4	23.9	0	25.7	22.4	0	24.0
		4183	836.6	23.9			22.4		
		4233	846.6	24.0			22.5		
	Subtest 2	4132	826.4	21.9	2	23.7	20.4	2	22.0
		4183	836.6	21.9			20.3		
		4233	846.6	22.0			20.5		
	Subtest 3	4132	826.4	22.9	1	24.7	21.4	1	23.0
		4183	836.6	22.9			22.9		
		4233	846.6	23.0			23.0		
	Subtest 4	4132	826.4	21.9	2	23.7	21.9	2	22.0
		4183	836.6	21.9			21.9		
		4233	846.6	22.0			22.0		
	Subtest 5	4132	826.4	24.8	0	25.7	23.5	0	24.0
		4183	836.6	24.8			23.5		
		4233	846.6	24.8			23.5		
DC-HSDPA	Subtest 1	4132	826.4	23.8	0	25.7	23.9	0	24.0
		4183	836.6	23.9			23.9		
		4233	846.6	24.0			24.0		
	Subtest 2	4132	826.4	23.9	0	25.7	23.9	0	24.0
		4183	836.6	23.9			23.9		
		4233	846.6	24.0			24.0		
	Subtest 3	4132	826.4	23.4	0.5	25.2	23.4	0.5	23.5
		4183	836.6	23.4			23.4		
		4233	846.6	23.4			23.5		
	Subtest 4	4132	826.4	23.4	0.5	25.2	23.4	0.5	23.5
		4183	836.6	23.4			23.4		
		4233	846.6	23.4			23.5		
HSPA+	Subtest 1	4132	826.4	22.9	2.5	23.2	21.3	2.5	21.5
		4183	836.6	22.6			21.3		
		4233	846.6	22.8			21.3		

W-CDMA Band 5 Measured Results (ANT2)

Mode		UL Ch No.	Freq. (MHz)	Power Mode A (dBm)			Power Mode B (dBm)		
				Measured Pwr	MPR	Tune-up Limit	Measured Pwr	MPR	Tune-up Limit
Release 99	Rel 99 (RMC, 12.2 kbps)	4132	826.4	21.8	N/A	22.5	23.9	N/A	24.7
		4183	836.6	21.8			23.9		
		4233	846.6	21.6			23.9		
HSDPA	Subtest 1	4132	826.4	20.6	0	22.5	22.9	0	24.7
		4183	836.6	20.6			22.9		
		4233	846.6	20.6			22.9		
	Subtest 2	4132	826.4	20.6	0	22.5	22.9	0	24.7
		4183	836.6	20.6			22.9		
		4233	846.6	20.6			22.9		
	Subtest 3	4132	826.4	20.1	0.5	22.0	22.4	0.5	24.2
		4183	836.6	20.1			22.4		
		4233	846.6	20.1			22.4		
	Subtest 4	4132	826.4	20.1	0.5	22.0	22.4	0.5	24.2
		4183	836.6	20.1			22.4		
		4233	846.6	20.1			22.4		
HSUPA	Subtest 1	4132	826.4	20.6	0	22.5	22.9	0	24.7
		4183	836.6	20.6			22.9		
		4233	846.6	20.6			22.9		
	Subtest 2	4132	826.4	18.6	2	20.5	20.9	2	22.7
		4183	836.6	18.6			20.9		
		4233	846.6	18.6			20.9		
	Subtest 3	4132	826.4	21.5	1	21.5	21.9	1	23.7
		4183	836.6	21.5			21.9		
		4233	846.6	21.5			21.9		
	Subtest 4	4132	826.4	20.4	2	20.5	20.9	2	22.7
		4183	836.6	20.4			20.9		
		4233	846.6	20.5			20.9		
	Subtest 5	4132	826.4	21.4	0	22.5	23.5	0	24.7
		4183	836.6	21.4			23.5		
		4233	846.6	21.4			23.5		
DC-HSDPA	Subtest 1	4132	826.4	21.5	0	22.5	22.9	0	24.7
		4183	836.6	21.5			22.9		
		4233	846.6	21.5			22.8		
	Subtest 2	4132	826.4	21.5	0	22.5	22.9	0	24.7
		4183	836.6	21.5			22.9		
		4233	846.6	21.5			22.9		
	Subtest 3	4132	826.4	21.4	0.5	22.0	22.4	0.5	24.2
		4183	836.6	21.4			22.4		
		4233	846.6	21.4			22.4		
	Subtest 4	4132	826.4	21.4	0.5	22.0	22.4	0.5	24.2
		4183	836.6	21.4			22.4		
		4233	846.6	21.4			22.4		
HSPA+	Subtest 1	4132	826.4	19.9	2.5	20.0	22.1	2.5	22.2
		4183	836.6	20.0			22.1		
		4233	846.6	20.0			22.2		

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

Output Power for LTE

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

a) The maximum output power, 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.

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

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

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

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

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

RF Air interface	Mode	Target Output Power (dBm)								Tolerance	Maximum Output Power (Tune-up Limit) (dBm)							
		ANT1		ANT2		ANT3		ANT4			ANT1		ANT2		ANT3		ANT4	
		Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	+ / -	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B
LTE Band 2	QPSK	25.0	20.8	18.2	18.8	24.4	19.0	19.2	19.4	0.7 / -1.0	25.7	21.5	18.9	19.5	25.1	19.7	19.9	20.1
LTE Band 4	QPSK	24.5	18.4	18.5	18.9	24.5	20.0	19.6	19.7	0.7 / -1.0	25.2	19.1	19.2	19.6	25.2	20.7	20.3	20.4
LTE Band 5	QPSK	25.0	23.3	21.8	24.0					0.7 / -1.0	25.7	24.0	22.5	24.7				
LTE Band 7	QPSK	24.6	19.0	16.2	17.4	23.8	19.9	18.4	18.1	0.7 / -1.0	25.3	19.7	16.9	18.1	24.5	20.6	19.1	18.8
LTE Band 12	QPSK	25.0	25.0	22.3	24.0					0.7 / -1.0	25.7	25.7	23.0	24.7				
LTE Band 13	QPSK	25.0	24.7	23.0	24.0					0.7 / -1.0	25.7	25.4	23.7	24.7				
LTE Band 14	QPSK	25.0	24.7	23.0	24.0					0.7 / -1.0	25.7	25.4	23.7	24.7				
LTE Band 17	QPSK	25.0	25.0	22.3	24.0					0.7 / -1.0	25.7	25.7	23.0	24.7				
LTE Band 25	QPSK	25.0	20.8	18.2	18.8	24.4	19.0	19.2	19.4	0.7 / -1.0	25.7	21.5	18.9	19.5	25.1	19.7	19.9	20.1
LTE Band 26	QPSK	25.0	23.3	21.8	24.0					0.7 / -1.0	25.7	24.0	22.5	24.7				
LTE Band 30	QPSK	25.0	20.7	18.7	19.6	22.9	19.7	17.5	19.0	0.7 / -1.0	25.7	21.4	19.4	20.3	23.6	20.4	18.2	19.7
LTE Band 41 (PC3)	QPSK	25.0	21.5	17.9	19.4	25.0	20.5	20.8	20.2	0.7 / -1.0	25.7	22.2	18.6	20.1	25.7	21.2	21.5	20.9
LTE Band 41 (PC 2)	QPSK	28.0	23.1	19.5	21.0	27.3	22.1	22.4	21.8	0.7 / -1.0	28.7	23.8	20.2	21.7	28.0	22.8	23.1	22.5
LTE Band 53	QPSK	20.0	20.0	17.9	19.4					0.7 / -1.0	20.7	20.7	18.6	20.1				
LTE Band 66	QPSK	24.5	18.4	18.5	18.9	24.5	20.0	19.6	19.7	0.7 / -1.0	25.2	19.1	19.2	19.6	25.2	20.7	20.3	20.4
LTE Band 71	QPSK	25.0	25.0	22.4	24.0					0.7 / -1.0	25.7	25.7	23.1	24.7				
RF Air interface	Mode	Target Output Power (dBm)								Tolerance	Maximum Output Power (Tune-up Limit) (dBm)							
		ANT7		ANT8		ANT9		ANT4			ANT7		ANT8		ANT9		ANT4	
		Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	+ / -	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B
LTE Band 48	QPSK	22.9	20.6	20.5	19.9	20.3	18.6	20.0	21.0	1.0 / -1.0	23.9	21.6	21.5	20.9	21.3	19.6	21.0	22.0

LTE Band 5 Measured Results (ANT1)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)				
				[redacted]	20525	[redacted]	MPR	Tune-up Limit	[redacted]	20525	[redacted]	MPR	Tune-up Limit
					836.5 MHz					836.5 MHz			
10 MHz	QPSK	1	0		24.9		0	25.7		23.4		0	24
		1	25		24.9		0	25.7		23.6		0	24
		1	49		24.8		0	25.7		23.4		0	24
		25	0		23.8		1	24.7		23.2		0	24
		25	12		23.9		1	24.7		23.4		0	24
		25	25		23.9		1	24.7		23.3		0	24
		50	0		23.9		1	24.7		23.3		0	24
	16QAM	1	0		24.2		1	24.7		23.5		0	24
		1	25		24.1		1	24.7		23.5		0	24
		1	49		24.1		1	24.7		23.5		0	24
		25	0		22.9		2	23.7		23.1		0.3	23.7
		25	12		22.9		2	23.7		23.2		0.3	23.7
		25	25		22.9		2	23.7		23.2		0.3	23.7
		50	0		22.9		2	23.7		23.1		0.3	23.7
	64QAM	1	0		23.0		2	23.7		23.2		0.3	23.7
		1	25		23.0		2	23.7		23.3		0.3	23.7
		1	49		23.0		2	23.7		23.3		0.3	23.7
		25	0		21.8		3	22.7		22.1		1.3	22.7
		25	12		21.9		3	22.7		22.2		1.3	22.7
		25	25		21.9		3	22.7		22.1		1.3	22.7
		50	0		21.9		3	22.7		22.1		1.3	22.7
	256QAM	1	0		19.9		5	20.7		20.2		3.3	20.7
		1	25		20.0		5	20.7		20.3		3.3	20.7
		1	49		19.9		5	20.7		20.2		3.3	20.7
		25	0		19.9		5	20.7		20.1		3.3	20.7
		25	12		19.9		5	20.7		20.2		3.3	20.7
		25	25		19.9		5	20.7		20.2		3.3	20.7
		50	0		19.9		5	20.7		20.1		3.3	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				20425	20525	20625	MPR	Tune-up Limit	20425	20525	20625	MPR	Tune-up Limit
				826.5 MHz	836.5 MHz	846.5 MHz			826.5 MHz	836.5 MHz	846.5 MHz		
5 MHz	QPSK	1	0	24.9	24.9	24.8	0	25.7	23.2	23.2	23.2	0	24
		1	12	24.9	24.9	24.8	0	25.7	23.2	23.3	23.3	0	24
		1	24	24.9	24.8	24.8	0	25.7	23.2	23.2	23.1	0	24
		12	0	23.8	23.8	23.8	1	24.7	23.1	23.2	23.2	0	24
		12	7	23.9	23.9	23.9	1	24.7	23.2	23.3	23.2	0	24
		12	13	23.9	23.9	23.9	1	24.7	23.2	23.3	23.2	0	24
		25	0	23.9	23.9	23.8	1	24.7	23.2	23.3	23.2	0	24
	16QAM	1	0	24.2	24.3	24.2	1	24.7	23.6	23.6	23.5	0	24
		1	12	24.3	24.4	24.3	1	24.7	23.6	23.6	23.6	0	24
		1	24	24.3	24.3	24.1	1	24.7	23.6	23.6	23.5	0	24
		12	0	22.9	22.8	22.9	2	23.7	23.0	23.1	23.1	0.3	23.7
		12	7	23.0	22.9	23.0	2	23.7	23.1	23.2	23.1	0.3	23.7
		12	13	23.0	22.9	23.0	2	23.7	23.1	23.2	23.1	0.3	23.7
		25	0	22.9	22.9	22.9	2	23.7	23.1	23.2	23.2	0.3	23.7
	64QAM	1	0	23.2	23.1	23.1	2	23.7	23.3	23.4	23.4	0.3	23.7
		1	12	23.2	23.1	23.1	2	23.7	23.3	23.4	23.4	0.3	23.7
		1	24	23.2	23.1	23.0	2	23.7	23.3	23.4	23.3	0.3	23.7
		12	0	21.9	21.9	21.9	3	22.7	22.0	22.1	22.1	1.3	22.7
		12	7	22.0	22.0	22.0	3	22.7	22.1	22.2	22.2	1.3	22.7
		12	13	22.0	21.9	21.9	3	22.7	22.1	22.2	22.1	1.3	22.7
		25	0	22.0	21.9	21.9	3	22.7	22.1	22.2	22.1	1.3	22.7
	256QAM	1	0	20.0	20.0	19.9	5	20.7	20.2	20.3	20.2	3.3	20.7
		1	12	20.0	20.1	20.0	5	20.7	20.3	20.3	20.2	3.3	20.7
		1	24	20.0	20.1	20.0	5	20.7	20.3	20.3	20.3	3.3	20.7
		12	0	19.9	19.9	19.8	5	20.7	20.1	20.1	20.1	3.3	20.7
		12	7	20.0	20.0	20.0	5	20.7	20.1	20.2	20.2	3.3	20.7
		12	13	20.0	19.9	19.9	5	20.7	20.1	20.2	20.1	3.3	20.7
		25	0	20.0	19.9	19.9	5	20.7	20.1	20.2	20.2	3.3	20.7

LTE Band 5 Measured Results (ANT1) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				20415	20525	20635			20415	20525	20635		
				825.5 MHz	836.5 MHz	847.5 MHz			825.5 MHz	836.5 MHz	847.5 MHz		
3 MHz	QPSK	1	0	24.8	24.9	24.8	0	25.7	23.1	23.2	23.1	0	24
		1	8	24.9	24.9	24.9	0	25.7	23.2	23.2	23.2	0	24
		1	14	24.8	24.9	24.8	0	25.7	23.1	23.2	23.1	0	24
		8	0	23.9	23.9	23.8	1	24.7	23.1	23.2	23.1	0	24
		8	4	23.9	23.9	23.9	1	24.7	23.2	23.3	23.2	0	24
		8	7	23.9	23.9	23.9	1	24.7	23.2	23.2	23.2	0	24
		15	0	23.9	23.9	23.9	1	24.7	23.1	23.2	23.2	0	24
	16QAM	1	0	24.1	24.2	24.2	1	24.7	23.4	23.5	23.4	0	24
		1	8	24.2	24.3	24.2	1	24.7	23.5	23.6	23.6	0	24
		1	14	24.1	24.2	24.2	1	24.7	23.4	23.5	23.5	0	24
		8	0	22.9	22.9	22.9	2	23.7	23.0	23.2	23.1	0.3	23.7
		8	4	22.9	23.0	23.0	2	23.7	23.1	23.3	23.2	0.3	23.7
		8	7	22.9	23.0	23.0	2	23.7	23.1	23.3	23.2	0.3	23.7
		15	0	22.9	23.0	22.9	2	23.7	23.1	23.1	23.1	0.3	23.7
	64QAM	1	0	23.1	23.0	23.0	2	23.7	23.3	23.2	23.1	0.3	23.7
		1	8	23.1	23.1	23.1	2	23.7	23.3	23.3	23.2	0.3	23.7
		1	14	23.1	23.1	23.0	2	23.7	23.2	23.2	23.2	0.3	23.7
		8	0	22.0	21.9	21.7	3	22.7	22.0	22.1	22.0	1.3	22.7
		8	4	22.0	22.0	21.8	3	22.7	22.1	22.2	22.2	1.3	22.7
		8	7	22.0	22.0	21.8	3	22.7	22.1	22.2	22.1	1.3	22.7
		15	0	22.0	22.0	21.9	3	22.7	22.1	22.1	22.1	1.3	22.7
	256QAM	1	0	20.0	20.0	19.8	5	20.7	20.1	20.2	20.1	3.3	20.7
		1	8	20.1	20.1	19.9	5	20.7	20.2	20.3	20.2	3.3	20.7
		1	14	20.1	20.1	19.9	5	20.7	20.1	20.2	20.2	3.3	20.7
		8	0	19.9	19.9	19.8	5	20.7	20.0	20.1	20.1	3.3	20.7
		8	4	20.0	19.9	19.9	5	20.7	20.1	20.2	20.2	3.3	20.7
		8	7	20.0	19.9	19.9	5	20.7	20.1	20.2	20.1	3.3	20.7
		15	0	20.0	19.9	19.9	5	20.7	20.1	20.1	20.1	3.3	20.7
BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				20407	20525	20643			20407	20525	20643		
				824.7 MHz	836.5 MHz	848.3 MHz			824.7 MHz	836.5 MHz	848.3 MHz		
1.4 MHz	QPSK	1	0	24.8	24.9	24.9	0	25.7	23.5	23.5	23.6	0	24
		1	3	24.8	24.9	24.9	0	25.7	23.5	23.6	23.6	0	24
		1	5	24.8	24.9	24.9	0	25.7	23.5	23.6	23.6	0	24
		3	0	24.8	24.9	24.9	0	25.7	23.5	23.6	23.5	0	24
		3	1	24.8	24.9	24.9	0	25.7	23.5	23.6	23.5	0	24
		3	3	24.8	24.9	24.9	0	25.7	23.5	23.6	23.5	0	24
		6	0	23.8	23.9	23.8	1	24.7	23.5	23.6	23.5	0	24
	16QAM	1	0	24.1	24.2	24.2	1	24.7	23.2	23.5	23.5	0	24
		1	3	24.0	24.3	24.2	1	24.7	23.2	23.6	23.5	0	24
		1	5	24.1	24.2	24.2	1	24.7	23.2	23.5	23.5	0	24
		3	0	24.0	24.1	24.0	1	24.7	23.3	23.4	23.3	0	24
		3	1	24.0	24.0	24.0	1	24.7	23.3	23.4	23.3	0	24
		3	3	24.0	24.1	24.0	1	24.7	23.2	23.4	23.3	0	24
		6	0	22.9	23.0	22.9	2	23.7	23.1	23.2	23.1	0.3	23.7
	64QAM	1	0	23.0	23.0	23.0	2	23.7	23.1	23.3	23.2	0.3	23.7
		1	3	23.1	23.0	23.0	2	23.7	23.3	23.3	23.2	0.3	23.7
		1	5	23.0	23.0	23.0	2	23.7	23.1	23.3	23.2	0.3	23.7
		3	0	23.0	23.0	23.0	2	23.7	23.1	23.2	23.1	0.3	23.7
		3	1	23.0	23.0	23.0	2	23.7	23.1	23.2	23.1	0.3	23.7
		3	3	23.0	23.0	23.1	2	23.7	23.1	23.2	23.1	0.3	23.7
		6	0	21.9	21.9	21.9	3	22.7	22.1	22.0	22.0	1.3	22.7
	256QAM	1	0	19.9	19.9	19.9	5	20.7	20.1	20.1	20.2	3.3	20.7
		1	3	20.0	20.0	19.9	5	20.7	20.1	20.3	20.2	3.3	20.7
		1	5	19.9	20.0	19.9	5	20.7	20.2	20.2	20.1	3.3	20.7
		3	0	19.9	19.9	19.9	5	20.7	20.0	20.2	20.1	3.3	20.7
		3	1	19.9	19.9	19.9	5	20.7	20.1	20.1	20.1	3.3	20.7
		3	3	19.9	19.8	19.9	5	20.7	20.1	20.2	20.1	3.3	20.7
		6	0	19.7	20.0	19.9	5	20.7	19.9	20.0	20.0	3.3	20.7

LTE Band 5 Measured Results (ANT2)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)				
				[redacted]	20525	[redacted]	MPR	Tune-up Limit	[redacted]	20525	[redacted]	MPR	Tune-up Limit
					836.5 MHz					836.5 MHz			
10 MHz	QPSK	1	0		21.9		0.0	22.5		24.3		0.0	24.7
		1	25		22.0		0.0	22.5		24.4		0.0	24.7
		1	49		21.9		0.0	22.5		24.3		0.0	24.7
		25	0		21.8		0.0	22.5		23.3		1.0	23.7
		25	12		22.0		0.0	22.5		23.4		1.0	23.7
		25	25		21.9		0.0	22.5		23.4		1.0	23.7
		50	0		21.9		0.0	22.5		23.4		1.0	23.7
	16QAM	1	0		21.7		0.0	22.5		23.4		1.0	23.7
		1	25		21.7		0.0	22.5		23.4		1.0	23.7
		1	49		21.8		0.0	22.5		23.3		1.0	23.7
		25	0		21.4		0.0	22.5		22.3		2.0	22.7
		25	12		21.5		0.0	22.5		22.4		2.0	22.7
		25	25		21.5		0.0	22.5		22.4		2.0	22.7
		50	0		21.5		0.0	22.5		22.4		2.0	22.7
	64QAM	1	0		21.7		0.0	22.5		22.4		2.0	22.7
		1	25		21.7		0.0	22.5		22.4		2.0	22.7
		1	49		21.7		0.0	22.5		22.4		2.0	22.7
		25	0		20.6		0.8	21.7		21.3		3.0	21.7
		25	12		20.7		0.8	21.7		21.4		3.0	21.7
		25	25		20.7		0.8	21.7		21.4		3.0	21.7
		50	0		20.7		0.8	21.7		21.4		3.0	21.7
	256QAM	1	0		18.6		2.8	19.7		19.4		5.0	19.7
		1	25		18.7		2.8	19.7		19.4		5.0	19.7
		1	49		18.7		2.8	19.7		19.4		5.0	19.7
		25	0		18.6		2.8	19.7		19.3		5.0	19.7
		25	12		18.7		2.8	19.7		19.4		5.0	19.7
		25	25		18.6		2.8	19.7		19.4		5.0	19.7
		50	0		18.7		2.8	19.7		19.4		5.0	19.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				20425	20525	20625	MPR	Tune-up Limit	20425	20525	20625	MPR	Tune-up Limit
				826.5 MHz	836.5 MHz	846.5 MHz			826.5 MHz	836.5 MHz	846.5 MHz		
5 MHz	QPSK	1	0	21.5	21.5	21.4	0.0	22.5	24.4	24.3	24.3	0.0	24.7
		1	12	21.5	21.5	21.6	0.0	22.5	24.4	24.3	24.4	0.0	24.7
		1	24	21.5	21.5	21.5	0.0	22.5	24.4	24.4	24.4	0.0	24.7
		12	0	21.4	21.4	21.5	0.0	22.5	23.3	23.3	23.3	1.0	23.7
		12	7	21.5	21.5	21.5	0.0	22.5	23.4	23.4	23.3	1.0	23.7
		12	13	21.5	21.5	21.5	0.0	22.5	23.4	23.3	23.4	1.0	23.7
		25	0	21.5	21.5	21.5	0.0	22.5	23.4	23.3	23.3	1.0	23.7
	16QAM	1	0	21.8	21.9	21.9	0.0	22.5	23.3	23.4	23.3	1.0	23.7
		1	12	21.8	21.9	22.0	0.0	22.5	23.4	23.3	23.3	1.0	23.7
		1	24	21.8	21.9	21.9	0.0	22.5	23.4	23.4	23.3	1.0	23.7
		12	0	21.5	21.5	21.5	0.0	22.5	22.4	22.4	22.3	2.0	22.7
		12	7	21.6	21.6	21.5	0.0	22.5	22.3	22.3	22.3	2.0	22.7
		12	13	21.5	21.6	21.5	0.0	22.5	22.4	22.4	22.4	2.0	22.7
		25	0	21.5	21.5	21.5	0.0	22.5	22.3	22.4	22.4	2.0	22.7
	64QAM	1	0	21.8	21.6	21.7	0.0	22.5	22.4	22.3	22.4	2.0	22.7
		1	12	21.7	21.6	21.8	0.0	22.5	22.3	22.4	22.3	2.0	22.7
		1	24	21.7	21.6	21.7	0.0	22.5	22.3	22.4	22.3	2.0	22.7
		12	0	20.7	20.7	20.7	0.8	21.7	21.4	21.3	21.2	3.0	21.7
		12	7	20.8	20.7	20.7	0.8	21.7	21.4	21.4	21.2	3.0	21.7
		12	13	20.7	20.7	20.8	0.8	21.7	21.4	21.4	21.3	3.0	21.7
		25	0	20.8	20.7	20.7	0.8	21.7	21.4	21.4	21.2	3.0	21.7
	256QAM	1	0	18.8	18.8	18.8	2.8	19.7	19.4	19.4	19.4	5.0	19.7
		1	12	18.8	18.9	18.9	2.8	19.7	19.4	19.3	19.3	5.0	19.7
		1	24	18.8	18.9	18.9	2.8	19.7	19.4	19.3	19.4	5.0	19.7
		12	0	18.7	18.7	18.7	2.8	19.7	19.3	19.3	19.2	5.0	19.7
		12	7	18.8	18.7	18.7	2.8	19.7	19.4	19.4	19.2	5.0	19.7
		12	13	18.7	18.7	18.8	2.8	19.7	19.4	19.4	19.2	5.0	19.7
		25	0	18.8	18.7	18.7	2.8	19.7	19.4	19.4	19.4	5.0	19.7

LTE Band 5 Measured Results (ANT2) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				20415	20525	20635			20415	20525	20635		
				825.5 MHz	836.5 MHz	847.5 MHz			825.5 MHz	836.5 MHz	847.5 MHz		
3 MHz	QPSK	1	0	21.5	21.4	21.5	0.0	22.5	24.4	24.4	24.4	0.0	24.7
		1	8	21.6	21.4	21.6	0.0	22.5	24.4	24.4	24.3	0.0	24.7
		1	14	21.5	21.3	21.5	0.0	22.5	24.4	24.3	24.4	0.0	24.7
		8	0	21.5	21.4	21.5	0.0	22.5	23.3	23.3	23.3	1.0	23.7
		8	4	21.6	21.4	21.5	0.0	22.5	23.4	23.3	23.4	1.0	23.7
		8	7	21.5	21.4	21.6	0.0	22.5	23.4	23.3	23.4	1.0	23.7
		15	0	21.4	21.4	21.5	0.0	22.5	23.3	23.3	23.3	1.0	23.7
	16QAM	1	0	21.7	21.7	21.8	0.0	22.5	23.3	23.2	23.3	1.0	23.7
		1	8	21.8	21.8	21.9	0.0	22.5	23.4	23.3	23.4	1.0	23.7
		1	14	21.7	21.7	21.8	0.0	22.5	23.3	23.3	23.4	1.0	23.7
		8	0	21.5	21.5	21.6	0.0	22.5	22.3	22.4	22.4	2.0	22.7
		8	4	21.5	21.5	21.6	0.0	22.5	22.4	22.4	22.3	2.0	22.7
		8	7	21.5	21.6	21.7	0.0	22.5	22.3	22.4	22.4	2.0	22.7
		15	0	21.5	21.5	21.5	0.0	22.5	22.4	22.3	22.3	2.0	22.7
	64QAM	1	0	21.7	21.6	21.6	0.0	22.5	22.3	22.3	22.3	2.0	22.7
		1	8	21.7	21.6	21.7	0.0	22.5	22.4	22.4	22.3	2.0	22.7
		1	14	21.8	21.5	21.7	0.0	22.5	22.3	22.4	22.3	2.0	22.7
		8	0	20.6	20.7	20.7	0.8	21.7	21.3	21.3	21.3	3.0	21.7
		8	4	20.7	20.7	20.8	0.8	21.7	21.4	21.4	21.3	3.0	21.7
		8	7	20.7	20.7	20.8	0.8	21.7	21.4	21.4	21.4	3.0	21.7
		15	0	20.7	20.7	20.7	0.8	21.7	21.4	21.3	21.3	3.0	21.7
	256QAM	1	0	18.7	18.7	18.8	2.8	19.7	19.3	19.3	19.3	5.0	19.7
		1	8	18.8	18.8	19.0	2.8	19.7	19.4	19.4	19.4	5.0	19.7
		1	14	18.7	18.7	18.9	2.8	19.7	19.3	19.4	19.4	5.0	19.7
		8	0	18.6	18.7	18.7	2.8	19.7	19.3	19.3	19.3	5.0	19.7
		8	4	18.7	18.7	18.7	2.8	19.7	19.4	19.3	19.3	5.0	19.7
		8	7	18.7	18.7	18.8	2.8	19.7	19.4	19.3	19.4	5.0	19.7
		15	0	18.7	18.6	18.7	2.8	19.7	19.4	19.3	19.4	5.0	19.7
BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				20407	20525	20643			20407	20525	20643		
				824.7 MHz	836.5 MHz	848.3 MHz			824.7 MHz	836.5 MHz	848.3 MHz		
1.4 MHz	QPSK	1	0	21.5	21.4	21.6	0.0	22.5	24.4	24.4	24.4	0.0	24.7
		1	3	21.5	21.4	21.6	0.0	22.5	24.3	24.4	24.3	0.0	24.7
		1	5	21.5	21.4	21.5	0.0	22.5	24.4	24.4	24.3	0.0	24.7
		3	0	21.5	21.4	21.5	0.0	22.5	24.4	24.3	24.3	0.0	24.7
		3	1	21.5	21.4	21.5	0.0	22.5	24.4	24.4	24.3	0.0	24.7
		3	3	21.5	21.4	21.5	0.0	22.5	24.4	24.4	24.3	0.0	24.7
		6	0	21.5	21.4	21.5	0.0	22.5	23.4	23.4	23.3	1.0	23.7
	16QAM	1	0	21.9	21.7	21.9	0.0	22.5	23.4	23.3	23.4	1.0	23.7
		1	3	21.9	21.7	21.9	0.0	22.5	23.4	23.4	23.4	1.0	23.7
		1	5	21.9	21.6	21.9	0.0	22.5	23.4	23.4	23.4	1.0	23.7
		3	0	21.7	21.6	21.8	0.0	22.5	23.3	23.3	23.4	1.0	23.7
		3	1	21.7	21.6	21.8	0.0	22.5	23.3	23.3	23.4	1.0	23.7
		3	3	21.7	21.6	21.7	0.0	22.5	23.3	23.3	23.4	1.0	23.7
		6	0	21.6	21.5	21.6	0.0	22.5	22.4	22.4	22.2	2.0	22.7
	64QAM	1	0	21.7	21.6	21.8	0.0	22.5	22.4	22.4	22.3	2.0	22.7
		1	3	21.8	21.6	21.8	0.0	22.5	22.4	22.3	22.4	2.0	22.7
		1	5	21.7	21.5	21.8	0.0	22.5	22.4	22.4	22.1	2.0	22.7
		3	0	21.6	21.5	21.7	0.0	22.5	22.2	22.4	22.3	2.0	22.7
		3	1	21.6	21.5	21.7	0.0	22.5	22.2	22.4	22.3	2.0	22.7
		3	3	21.6	21.5	21.7	0.0	22.5	22.4	22.4	22.3	2.0	22.7
		6	0	20.8	20.6	20.8	0.8	21.7	21.3	21.3	21.3	3.0	21.7
	256QAM	1	0	18.8	18.6	18.8	2.8	19.7	19.3	19.3	19.4	5.0	19.7
		1	3	18.9	18.7	18.9	2.8	19.7	19.4	19.4	19.4	5.0	19.7
		1	5	18.8	18.7	18.9	2.8	19.7	19.4	19.4	19.3	5.0	19.7
		3	0	18.8	18.7	18.8	2.8	19.7	19.4	19.3	19.3	5.0	19.7
		3	1	18.8	18.7	18.8	2.8	19.7	19.4	19.3	19.3	5.0	19.7
		3	3	18.8	18.7	18.8	2.8	19.7	19.4	19.3	19.3	5.0	19.7
		6	0	18.7	18.6	18.7	2.8	19.7	19.4	19.3	19.4	5.0	19.7

LTE Band 7 Measured Results (ANT1)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				20850	21100	21350	MPR	Tune-up Limit	20850	21100	21350	MPR	Tune-up Limit
				2510 MHz	2535 MHz	2560 MHz			2510 MHz	2535 MHz	2560 MHz		
20 MHz	QPSK	1	0	24.5	24.5	24.5	0	25.3	19.2	19.3	19.2	0	19.7
		1	49	24.6	24.6	24.5	0	25.3	19.3	19.4	19.3	0	19.7
		1	99	24.6	24.5	24.5	0	25.3	19.2	19.2	19.2	0	19.7
		50	0	24.0	24.0	23.9	0.6	24.7	19.3	19.2	19.3	0	19.7
		50	24	24.0	24.0	24.0	0.6	24.7	19.3	19.3	19.3	0	19.7
		50	50	23.9	23.9	23.9	0.6	24.7	19.3	19.2	19.2	0	19.7
		100	0	23.9	24.0	23.9	0.6	24.7	19.3	19.3	19.3	0	19.7
	16QAM	1	0	24.1	24.1	24.0	0.6	24.7	19.2	19.3	19.2	0	19.7
		1	49	24.4	24.3	24.1	0.6	24.7	19.3	19.3	19.3	0	19.7
		1	99	24.2	24.1	24.0	0.6	24.7	19.2	19.2	19.3	0	19.7
		50	0	22.8	22.9	22.8	1.6	23.7	19.1	19.1	19.1	0	19.7
		50	24	22.8	22.9	22.9	1.6	23.7	19.1	19.1	19.1	0	19.7
		50	50	22.8	22.8	22.8	1.6	23.7	19.0	19.0	19.0	0	19.7
		100	0	22.8	22.9	22.8	1.6	23.7	19.1	19.1	19.1	0	19.7
	64QAM	1	0	22.9	22.8	22.8	1.6	23.7	19.1	19.1	19.2	0	19.7
		1	49	23.0	23.0	23.0	1.6	23.7	19.2	19.2	19.3	0	19.7
		1	99	22.9	23.0	22.9	1.6	23.7	19.1	19.1	19.2	0	19.7
		50	0	21.8	21.8	21.8	2.6	22.7	19.0	19.1	19.1	0	19.7
		50	24	21.9	21.9	21.9	2.6	22.7	19.1	19.1	19.1	0	19.7
		50	50	21.7	21.8	21.8	2.6	22.7	19.0	19.0	19.0	0	19.7
		100	0	21.9	21.8	21.8	2.6	22.7	19.1	19.1	19.1	0	19.7
	256QAM	1	0	20.0	20.0	20.0	4.6	20.7	19.2	19.3	19.3	0	19.7
		1	49	20.0	19.9	20.0	4.6	20.7	19.2	19.3	19.3	0	19.7
		1	99	20.0	20.0	20.1	4.6	20.7	19.2	19.3	19.2	0	19.7
		50	0	19.8	19.8	19.9	4.6	20.7	19.0	19.0	19.0	0	19.7
		50	24	19.9	19.9	19.9	4.6	20.7	19.1	19.1	19.1	0	19.7
		50	50	19.8	19.8	19.8	4.6	20.7	19.0	19.0	19.0	0	19.7
		100	0	19.9	19.8	19.9	4.6	20.7	19.0	19.1	19.1	0	19.7
BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				20825	21100	21375	MPR	Tune-up Limit	20825	21100	21375	MPR	Tune-up Limit
				2507.5 MHz	2535 MHz	2562.5 MHz			2507.5 MHz	2535 MHz	2562.5 MHz		
15 MHz	QPSK	1	0	24.3	24.3	24.3	0	25.3	18.9	18.9	19.0	0	19.7
		1	37	24.4	24.4	24.3	0	25.3	19.0	19.0	19.0	0	19.7
		1	74	24.4	24.3	24.2	0	25.3	18.9	18.9	18.9	0	19.7
		36	0	23.8	23.8	23.8	0.6	24.7	19.0	19.0	19.0	0	19.7
		36	20	23.8	23.8	23.8	0.6	24.7	19.0	19.0	19.0	0	19.7
		36	39	23.7	23.7	23.7	0.6	24.7	19.0	19.0	18.9	0	19.7
		75	0	23.7	23.8	23.8	0.6	24.7	19.0	19.0	19.0	0	19.7
	16QAM	1	0	24.0	24.0	24.0	0.6	24.7	19.3	19.2	19.3	0	19.7
		1	37	24.1	24.1	24.1	0.6	24.7	19.3	19.3	19.3	0	19.7
		1	74	24.0	24.0	24.0	0.6	24.7	19.3	19.2	19.2	0	19.7
		36	0	22.8	22.8	22.8	1.6	23.7	19.1	19.1	19.1	0	19.7
		36	20	22.9	22.8	22.8	1.6	23.7	19.1	19.1	19.1	0	19.7
		36	39	22.8	22.8	22.7	1.6	23.7	19.0	19.0	19.0	0	19.7
		75	0	22.8	22.8	22.8	1.6	23.7	19.0	19.1	19.1	0	19.7
	64QAM	1	0	22.9	22.8	22.8	1.6	23.7	19.0	19.1	19.2	0	19.7
		1	37	23.0	22.9	22.9	1.6	23.7	19.1	19.2	19.2	0	19.7
		1	74	23.0	22.8	22.8	1.6	23.7	19.0	19.1	19.1	0	19.7
		36	0	21.8	21.8	21.8	2.6	22.7	19.0	19.0	19.1	0	19.7
		36	20	21.8	21.8	21.8	2.6	22.7	19.1	19.1	19.1	0	19.7
		36	39	21.7	21.7	21.7	2.6	22.7	19.0	19.0	19.0	0	19.7
		75	0	21.8	21.8	21.8	2.6	22.7	19.0	19.1	19.1	0	19.7
	256QAM	1	0	19.9	19.9	19.9	4.6	20.7	19.1	19.1	19.1	0	19.7
		1	37	19.8	20.0	19.9	4.6	20.7	19.1	19.1	19.0	0	19.7
		1	74	19.9	19.9	19.9	4.6	20.7	19.1	19.1	19.0	0	19.7
		36	0	19.8	19.8	19.8	4.6	20.7	19.0	19.0	19.0	0	19.7
		36	20	19.8	19.8	19.8	4.6	20.7	19.0	19.1	19.1	0	19.7
		36	39	19.8	19.8	19.8	4.6	20.7	19.0	19.0	19.0	0	19.7
		75	0	19.8	19.8	19.8	4.6	20.7	18.9	19.1	19.1	0	19.7

LTE Band 7 Measured Results (ANT1) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				20800	21100	21400	MPR	Tune-up Limit	20800	21100	21400	MPR	Tune-up Limit
				2505 MHz	2535 MHz	2565 MHz			2505 MHz	2535 MHz	2565 MHz		
10 MHz	QPSK	1	0	24.5	24.5	24.5	0	25.3	19.1	19.1	19.1	0	19.7
		1	25	24.5	24.6	24.5	0	25.3	19.1	19.1	19.2	0	19.7
		1	49	24.6	24.5	24.5	0	25.3	19.1	19.2	19.1	0	19.7
		25	0	24.0	24.0	23.9	0.6	24.7	19.2	19.2	19.2	0	19.7
		25	12	23.9	24.0	24.0	0.6	24.7	19.1	19.2	19.2	0	19.7
		25	25	23.9	23.9	23.9	0.6	24.7	19.1	19.1	19.1	0	19.7
		50	0	23.9	24.0	23.9	0.6	24.7	19.1	19.2	19.2	0	19.7
	16QAM	1	0	24.4	24.4	24.3	0.6	24.7	19.1	19.2	19.3	0	19.7
		1	25	24.3	24.3	24.2	0.6	24.7	19.1	19.1	19.2	0	19.7
		1	49	24.4	24.4	24.3	0.6	24.7	19.2	19.2	19.3	0	19.7
		25	0	23.0	23.0	23.0	1.6	23.7	19.2	19.2	19.2	0	19.7
		25	12	23.0	23.0	23.0	1.6	23.7	19.2	19.2	19.2	0	19.7
		25	25	23.0	22.9	22.9	1.6	23.7	19.1	19.1	19.1	0	19.7
		50	0	22.9	23.0	23.0	1.6	23.7	19.1	19.2	19.2	0	19.7
	64QAM	1	0	23.0	23.0	23.2	1.6	23.7	19.2	19.3	19.3	0	19.7
		1	25	23.1	23.1	23.2	1.6	23.7	19.2	19.3	19.2	0	19.7
		1	49	23.1	23.0	23.2	1.6	23.7	19.3	19.3	19.3	0	19.7
		25	0	22.0	22.0	22.0	2.6	22.7	19.2	19.2	19.2	0	19.7
		25	12	21.9	22.0	22.0	2.6	22.7	19.1	19.2	19.2	0	19.7
		25	25	21.9	21.9	21.9	2.6	22.7	19.1	19.1	19.1	0	19.7
		50	0	21.9	22.0	22.0	2.6	22.7	19.1	19.2	19.2	0	19.7
	256QAM	1	0	20.0	20.0	20.0	4.6	20.7	19.3	19.3	19.3	0	19.7
		1	25	20.0	20.1	20.1	4.6	20.7	19.3	19.3	19.3	0	19.7
		1	49	20.0	20.0	20.0	4.6	20.7	19.2	19.3	19.2	0	19.7
		25	0	19.9	20.0	19.9	4.6	20.7	19.2	19.2	19.2	0	19.7
		25	12	19.9	20.0	20.0	4.6	20.7	19.1	19.2	19.2	0	19.7
		25	25	19.9	19.9	19.9	4.6	20.7	19.2	19.1	19.2	0	19.7
		50	0	19.9	20.0	20.0	4.6	20.7	19.1	19.2	19.2	0	19.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				20775	21100	21425	MPR	Tune-up Limit	20775	21100	21425	MPR	Tune-up Limit
				2502.5 MHz	2535 MHz	2567.5 MHz			2502.5 MHz	2535 MHz	2567.5 MHz		
5 MHz	QPSK	1	0	24.4	24.4	24.4	0	25.3	19.1	19.1	19.1	0	19.7
		1	12	24.5	24.5	24.5	0	25.3	19.2	19.2	19.2	0	19.7
		1	24	24.5	24.5	24.4	0	25.3	19.2	19.1	19.1	0	19.7
		12	0	23.8	23.9	23.8	0.6	24.7	19.1	19.1	19.1	0	19.7
		12	7	23.9	23.9	23.9	0.6	24.7	19.2	19.2	19.2	0	19.7
		12	13	23.9	24.0	23.9	0.6	24.7	19.2	19.2	19.2	0	19.7
		25	0	23.9	23.9	23.9	0.6	24.7	19.2	19.2	19.2	0	19.7
	16QAM	1	0	24.2	24.2	24.1	0.6	24.7	19.2	19.2	19.2	0	19.7
		1	12	24.4	24.4	24.3	0.6	24.7	19.3	19.3	19.3	0	19.7
		1	24	24.3	24.2	24.2	0.6	24.7	19.2	19.2	19.2	0	19.7
		12	0	22.9	22.8	22.9	1.6	23.7	19.2	19.1	19.1	0	19.7
		12	7	23.0	22.9	23.0	1.6	23.7	19.3	19.2	19.2	0	19.7
		12	13	23.0	22.9	23.0	1.6	23.7	19.3	19.2	19.2	0	19.7
		25	0	22.9	22.9	22.9	1.6	23.7	19.2	19.2	19.2	0	19.7
	64QAM	1	0	23.0	23.0	23.0	1.6	23.7	19.2	19.2	19.3	0	19.7
		1	12	23.1	23.1	23.2	1.6	23.7	19.3	19.3	19.3	0	19.7
		1	24	23.1	23.1	23.1	1.6	23.7	19.3	19.2	19.3	0	19.7
		12	0	21.9	21.8	21.8	2.6	22.7	19.1	19.2	19.1	0	19.7
		12	7	22.0	21.9	21.9	2.6	22.7	19.2	19.2	19.2	0	19.7
		12	13	22.0	22.0	21.9	2.6	22.7	19.2	19.3	19.2	0	19.7
		25	0	21.9	21.9	21.9	2.6	22.7	19.2	19.2	19.1	0	19.7
	256QAM	1	0	20.0	19.9	19.9	4.6	20.7	19.3	19.2	19.3	0	19.7
		1	12	20.2	20.1	20.0	4.6	20.7	19.3	19.3	19.3	0	19.7
		1	24	20.1	19.9	19.9	4.6	20.7	19.3	19.2	19.2	0	19.7
		12	0	19.9	19.9	19.8	4.6	20.7	19.1	19.2	19.1	0	19.7
		12	7	19.9	20.0	19.9	4.6	20.7	19.2	19.2	19.2	0	19.7
		12	13	20.0	20.0	19.9	4.6	20.7	19.2	19.3	19.2	0	19.7
		25	0	19.9	19.9	19.9	4.6	20.7	19.2	19.2	19.2	0	19.7

LTE Band 7 Measured Results (ANT2)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				20850	21100	21350	MPR	Tune-up Limit	20850	21100	21350	MPR	Tune-up Limit
				2510 MHz	2535 MHz	2560 MHz			2510 MHz	2535 MHz	2560 MHz		
20 MHz	QPSK	1	0	16.3	16.3	16.3	0	16.9	17.5	17.5	17.5	0	18.1
		1	49	16.5	16.5	16.5	0	16.9	17.5	17.5	17.5	0	18.1
		1	99	16.3	16.3	16.3	0	16.9	17.5	17.5	17.5	0	18.1
		50	0	16.5	16.4	16.4	0	16.9	17.5	17.4	17.5	0	18.1
		50	24	16.6	16.6	16.6	0	16.9	17.5	17.5	17.5	0	18.1
		50	50	16.6	16.5	16.5	0	16.9	17.5	17.5	17.5	0	18.1
		100	0	16.5	16.5	16.5	0	16.9	17.4	17.5	17.3	0	18.1
	16QAM	1	0	16.3	16.3	16.3	0	16.9	17.2	17.1	17.2	0	18.1
		1	49	16.5	16.5	16.5	0	16.9	17.4	17.4	17.3	0	18.1
		1	99	16.3	16.3	16.3	0	16.9	17.4	17.2	17.2	0	18.1
		50	0	16.1	16.1	16.1	0	16.9	17.1	17.0	17.1	0	18.1
		50	24	16.1	16.0	16.1	0	16.9	17.2	17.0	17.1	0	18.1
		50	50	16.0	16.0	16.0	0	16.9	17.1	17.0	17.0	0	18.1
		100	0	16.0	16.0	16.1	0	16.9	17.0	17.0	17.1	0	18.1
	64QAM	1	0	16.1	16.0	16.1	0	16.9	17.1	17.1	17.2	0	18.1
		1	49	16.3	16.2	16.2	0	16.9	17.3	17.2	17.4	0	18.1
		1	99	16.1	16.1	16.0	0	16.9	17.2	17.1	17.0	0	18.1
		50	0	16.1	16.0	16.1	0	16.9	17.1	17.0	17.1	0	18.1
		50	24	16.1	16.0	16.1	0	16.9	17.1	17.0	17.1	0	18.1
		50	50	16.0	16.0	16.0	0	16.9	17.1	17.0	17.0	0	18.1
		100	0	16.0	16.0	16.1	0	16.9	17.0	17.0	17.1	0	18.1
	256QAM	1	0	16.2	16.1	16.2	0	16.9	17.2	17.2	17.1	0	18.1
		1	49	16.2	16.2	16.2	0	16.9	17.3	17.1	17.1	0	18.1
		1	99	16.3	16.2	16.2	0	16.9	17.3	17.1	17.2	0	18.1
		50	0	16.0	16.0	16.0	0	16.9	17.1	17.0	17.0	0	18.1
		50	24	16.1	16.0	16.1	0	16.9	17.1	17.0	17.0	0	18.1
		50	50	16.0	16.0	16.0	0	16.9	17.1	17.0	17.0	0	18.1
		100	0	16.0	16.0	16.1	0	16.9	17.0	17.0	17.0	0	18.1

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				20825	21100	21375	MPR	Tune-up Limit	20825	21100	21375	MPR	Tune-up Limit
				2507.5 MHz	2535 MHz	2562.5 MHz			2507.5 MHz	2535 MHz	2562.5 MHz		
15 MHz	QPSK	1	0	15.9	15.9	15.9	0	16.9	16.9	16.9	16.9	0	18.1
		1	37	16.0	16.0	15.9	0	16.9	17.0	16.9	17.0	0	18.1
		1	74	16.0	15.9	16.0	0	16.9	17.0	16.9	16.9	0	18.1
		36	0	16.0	16.0	16.0	0	16.9	17.0	17.0	17.0	0	18.1
		36	20	16.0	16.0	16.0	0	16.9	17.0	17.0	17.0	0	18.1
		36	39	16.0	16.0	16.0	0	16.9	17.0	17.0	17.0	0	18.1
		75	0	16.0	16.0	16.0	0	16.9	17.0	17.0	17.0	0	18.1
	16QAM	1	0	16.2	16.2	16.2	0	16.9	17.2	17.2	17.2	0	18.1
		1	37	16.3	16.3	16.3	0	16.9	17.3	17.3	17.3	0	18.1
		1	74	16.3	16.2	16.2	0	16.9	17.3	17.3	17.2	0	18.1
		36	0	16.1	16.1	16.1	0	16.9	17.1	17.1	17.1	0	18.1
		36	20	16.1	16.0	16.1	0	16.9	17.1	17.1	17.1	0	18.1
		36	39	16.1	16.0	16.0	0	16.9	17.1	17.0	17.0	0	18.1
		75	0	16.1	16.1	16.1	0	16.9	17.0	17.1	17.1	0	18.1
	64QAM	1	0	16.2	16.1	16.1	0	16.9	17.1	17.1	17.1	0	18.1
		1	37	16.2	16.1	16.2	0	16.9	17.2	17.2	17.1	0	18.1
		1	74	16.2	16.1	16.2	0	16.9	17.1	17.2	17.1	0	18.1
		36	0	16.1	16.1	16.1	0	16.9	17.1	17.1	17.1	0	18.1
		36	20	16.1	16.1	16.1	0	16.9	17.1	17.1	17.1	0	18.1
		36	39	16.1	16.0	16.0	0	16.9	17.0	17.0	17.0	0	18.1
		75	0	16.0	16.0	16.1	0	16.9	17.0	17.0	17.0	0	18.1
	256QAM	1	0	16.0	16.1	16.2	0	16.9	17.2	17.1	17.1	0	18.1
		1	37	16.1	16.2	16.2	0	16.9	17.2	17.2	17.1	0	18.1
		1	74	16.1	16.2	16.2	0	16.9	17.2	17.2	17.1	0	18.1
		36	0	16.1	16.0	16.0	0	16.9	17.1	17.1	17.0	0	18.1
		36	20	16.0	16.1	16.1	0	16.9	17.1	17.1	17.0	0	18.1
		36	39	16.1	16.0	16.0	0	16.9	17.1	17.0	17.0	0	18.1
		75	0	16.1	16.1	16.1	0	16.9	17.1	17.1	17.0	0	18.1

LTE Band 7 Measured Results (ANT2) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				20800	21100	21400	MPR	Tune-up Limit	20800	21100	21400	MPR	Tune-up Limit
				2505 MHz	2535 MHz	2565 MHz			2505 MHz	2535 MHz	2565 MHz		
10 MHz	QPSK	1	0	16.2	16.1	16.1	0	16.9	17.2	17.1	17.1	0	18.1
		1	25	16.2	16.1	16.1	0	16.9	17.2	17.1	17.1	0	18.1
		1	49	16.2	16.1	16.2	0	16.9	17.2	17.1	17.1	0	18.1
		25	0	16.2	16.2	16.2	0	16.9	17.2	17.2	17.2	0	18.1
		25	12	16.2	16.2	16.2	0	16.9	17.2	17.2	17.2	0	18.1
		25	25	16.2	16.2	16.2	0	16.9	17.2	17.2	17.2	0	18.1
		50	0	16.2	16.2	16.2	0	16.9	17.2	17.2	17.2	0	18.1
	16QAM	1	0	16.5	16.5	16.4	0	16.9	17.5	17.4	17.5	0	18.1
		1	25	16.5	16.4	16.4	0	16.9	17.5	17.4	17.4	0	18.1
		1	49	16.5	16.5	16.5	0	16.9	17.5	17.5	17.5	0	18.1
		25	0	16.3	16.3	16.2	0	16.9	17.3	17.2	17.2	0	18.1
		25	12	16.3	16.3	16.2	0	16.9	17.3	17.2	17.2	0	18.1
		25	25	16.3	16.2	16.2	0	16.9	17.3	17.2	17.2	0	18.1
		50	0	16.2	16.2	16.2	0	16.9	17.2	17.2	17.2	0	18.1
	64QAM	1	0	16.3	16.3	16.2	0	16.9	17.3	17.2	17.3	0	18.1
		1	25	16.4	16.3	16.3	0	16.9	17.3	17.3	17.3	0	18.1
		1	49	16.4	16.3	16.3	0	16.9	17.3	17.2	17.3	0	18.1
		25	0	16.3	16.2	16.2	0	16.9	17.2	17.2	17.2	0	18.1
		25	12	16.2	16.2	16.2	0	16.9	17.2	17.2	17.2	0	18.1
		25	25	16.2	16.2	16.2	0	16.9	17.2	17.2	17.2	0	18.1
		50	0	16.2	16.2	16.2	0	16.9	17.2	17.2	17.2	0	18.1
	256QAM	1	0	16.3	16.3	16.3	0	16.9	17.3	17.3	17.2	0	18.1
		1	25	16.4	16.4	16.4	0	16.9	17.4	17.4	17.3	0	18.1
		1	49	16.3	16.2	16.2	0	16.9	17.3	17.3	17.2	0	18.1
		25	0	16.2	16.2	16.1	0	16.9	17.2	17.2	17.2	0	18.1
		25	12	16.2	16.2	16.2	0	16.9	17.2	17.2	17.2	0	18.1
		25	25	16.2	16.2	16.2	0	16.9	17.2	17.2	17.2	0	18.1
		50	0	16.2	16.2	16.2	0	16.9	17.2	17.2	17.2	0	18.1

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				20775	21100	21425	MPR	Tune-up Limit	20775	21100	21425	MPR	Tune-up Limit
				2502.5 MHz	2535 MHz	2567.5 MHz			2502.5 MHz	2535 MHz	2567.5 MHz		
5 MHz	QPSK	1	0	16.1	16.1	16.1	0	16.9	17.1	17.1	17.1	0	18.1
		1	12	16.2	16.2	16.2	0	16.9	17.2	17.2	17.3	0	18.1
		1	24	16.2	16.1	16.1	0	16.9	17.2	17.1	17.1	0	18.1
		12	0	16.1	16.1	16.1	0	16.9	17.1	17.1	17.1	0	18.1
		12	7	16.2	16.2	16.2	0	16.9	17.2	17.2	17.2	0	18.1
		12	13	16.2	16.2	16.2	0	16.9	17.2	17.2	17.2	0	18.1
		25	0	16.2	16.1	16.2	0	16.9	17.2	17.2	17.2	0	18.1
	16QAM	1	0	16.5	16.4	16.4	0	16.9	17.5	17.5	17.5	0	18.1
		1	12	16.5	16.5	16.5	0	16.9	17.5	17.5	17.5	0	18.1
		1	24	16.5	16.5	16.5	0	16.9	17.5	17.5	17.5	0	18.1
		12	0	16.2	16.1	16.2	0	16.9	17.2	17.1	17.1	0	18.1
		12	7	16.3	16.2	16.3	0	16.9	17.3	17.2	17.2	0	18.1
		12	13	16.3	16.2	16.3	0	16.9	17.3	17.2	17.2	0	18.1
		25	0	16.2	16.1	16.2	0	16.9	17.2	17.2	17.2	0	18.1
	64QAM	1	0	16.3	16.3	16.3	0	16.9	17.3	17.3	17.3	0	18.1
		1	12	16.4	16.4	16.4	0	16.9	17.4	17.3	17.4	0	18.1
		1	24	16.4	16.3	16.3	0	16.9	17.4	17.3	17.3	0	18.1
		12	0	16.2	16.2	16.2	0	16.9	17.1	17.1	17.1	0	18.1
		12	7	16.2	16.3	16.2	0	16.9	17.2	17.2	17.2	0	18.1
		12	13	16.3	16.2	16.3	0	16.9	17.2	17.2	17.2	0	18.1
		25	0	16.2	16.2	16.2	0	16.9	17.2	17.1	17.1	0	18.1
	256QAM	1	0	16.3	16.2	16.2	0	16.9	17.2	17.2	17.2	0	18.1
		1	12	16.4	16.3	16.3	0	16.9	17.3	17.2	17.3	0	18.1
		1	24	16.4	16.2	16.2	0	16.9	17.3	17.2	17.1	0	18.1
		12	0	16.1	16.1	16.1	0	16.9	17.1	17.1	17.1	0	18.1
		12	7	16.2	16.2	16.2	0	16.9	17.2	17.2	17.2	0	18.1
		12	13	16.2	16.2	16.3	0	16.9	17.3	17.2	17.3	0	18.1
		25	0	16.2	16.2	16.2	0	16.9	17.2	17.2	17.2	0	18.1

LTE Band 7 Measured Results (ANT3)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				20850	21100	21350	MPR	Tune-up Limit	20850	21100	21350	MPR	Tune-up Limit
				2510 MHz	2535 MHz	2560 MHz			2510 MHz	2535 MHz	2560 MHz		
20 MHz	QPSK	1	0	24.0	24.0	24.1	0.0	24.5	19.9	20.1	20.0	0.0	20.6
		1	49	24.2	24.2	24.2	0.0	24.5	20.1	20.2	20.1	0.0	20.6
		1	99	24.2	24.1	24.1	0.0	24.5	20.1	20.1	20.1	0.0	20.6
		50	0	23.1	23.1	23.1	0.5	24.0	20.0	20.0	20.0	0.0	20.6
		50	24	23.2	23.2	23.2	0.5	24.0	20.2	20.2	20.2	0.0	20.6
		50	50	23.2	23.1	23.2	0.5	24.0	20.1	20.1	20.1	0.0	20.6
		100	0	23.1	23.2	23.1	0.5	24.0	19.8	20.0	19.9	0.0	20.6
	16QAM	1	0	23.0	23.1	23.3	0.5	24.0	19.7	19.8	19.9	0.0	20.6
		1	49	23.5	23.2	23.5	0.5	24.0	19.8	19.8	19.8	0.0	20.6
		1	99	23.3	23.1	23.2	0.5	24.0	19.9	19.7	19.9	0.0	20.6
		50	0	22.0	22.0	21.9	1.5	23.0	19.6	19.5	19.5	0.0	20.6
		50	24	22.1	22.0	22.0	1.5	23.0	19.7	19.6	19.6	0.0	20.6
		50	50	22.1	21.9	22.0	1.5	23.0	19.7	19.5	19.6	0.0	20.6
		100	0	22.0	21.9	22.0	1.5	23.0	19.6	19.6	19.6	0.0	20.6
	64QAM	1	0	22.0	22.0	22.1	1.5	23.0	19.5	19.6	19.6	0.0	20.6
		1	49	22.3	22.1	22.2	1.5	23.0	19.9	19.7	19.8	0.0	20.6
		1	99	22.2	22.1	22.1	1.5	23.0	19.8	19.7	19.7	0.0	20.6
		50	0	21.0	21.0	20.9	2.5	22.0	19.6	19.6	19.5	0.0	20.6
		50	24	21.2	21.0	21.0	2.5	22.0	19.8	19.6	19.6	0.0	20.6
		50	50	21.1	21.0	21.0	2.5	22.0	19.7	19.6	19.6	0.0	20.6
		100	0	21.1	21.0	21.0	2.5	22.0	19.7	19.6	19.6	0.0	20.6
	256QAM	1	0	19.0	19.2	19.2	4.5	20.0	18.8	19.0	19.0	0.6	20.0
		1	49	19.2	19.1	19.2	4.5	20.0	19.0	19.0	19.0	0.6	20.0
		1	99	19.3	19.2	19.4	4.5	20.0	19.1	19.2	19.2	0.6	20.0
		50	0	19.1	18.9	18.9	4.5	20.0	18.9	18.8	18.8	0.6	20.0
		50	24	19.2	19.0	19.0	4.5	20.0	19.1	18.9	18.9	0.6	20.0
		50	50	19.2	19.0	19.0	4.5	20.0	19.1	18.9	18.9	0.6	20.0
		100	0	19.1	19.0	19.0	4.5	20.0	19.0	18.9	18.9	0.6	20.0

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				20825	21100	21375	MPR	Tune-up Limit	20825	21100	21375	MPR	Tune-up Limit
				2507.5 MHz	2535 MHz	2562.5 MHz			2507.5 MHz	2535 MHz	2562.5 MHz		
15 MHz	QPSK	1	0	23.8	23.9	23.9	0.0	24.5	19.4	19.5	19.5	0.0	20.6
		1	37	24.1	23.8	23.9	0.0	24.5	19.7	19.4	19.5	0.0	20.6
		1	74	24.0	23.8	23.9	0.0	24.5	19.7	19.4	19.5	0.0	20.6
		36	0	23.0	22.9	23.0	0.5	24.0	19.5	19.5	19.6	0.0	20.6
		36	20	23.1	22.9	23.0	0.5	24.0	19.7	19.5	19.6	0.0	20.6
		36	39	23.1	22.9	23.0	0.5	24.0	19.7	19.5	19.6	0.0	20.6
		75	0	23.0	22.9	23.0	0.5	24.0	19.6	19.5	19.6	0.0	20.6
	16QAM	1	0	23.1	23.2	23.3	0.5	24.0	19.7	19.8	19.9	0.0	20.6
		1	37	23.4	23.2	23.3	0.5	24.0	19.8	19.8	19.8	0.0	20.6
		1	74	23.4	23.1	23.2	0.5	24.0	19.8	19.7	19.8	0.0	20.6
		36	0	22.0	21.9	22.0	1.5	23.0	19.6	19.5	19.6	0.0	20.6
		36	20	22.1	21.9	22.0	1.5	23.0	19.7	19.5	19.6	0.0	20.6
		36	39	22.1	21.9	22.0	1.5	23.0	19.7	19.5	19.6	0.0	20.6
		75	0	22.0	21.9	22.0	1.5	23.0	19.6	19.5	19.6	0.0	20.6
	64QAM	1	0	22.0	22.0	22.1	1.5	23.0	19.6	19.7	19.6	0.0	20.6
		1	37	22.3	22.0	22.2	1.5	23.0	19.6	19.6	19.7	0.0	20.6
		1	74	22.3	22.0	22.2	1.5	23.0	19.6	19.6	19.7	0.0	20.6
		36	0	21.0	21.0	21.0	2.5	22.0	19.6	19.6	19.6	0.0	20.6
		36	20	21.2	21.0	21.0	2.5	22.0	19.8	19.6	19.6	0.0	20.6
		36	39	21.1	21.0	21.0	2.5	22.0	19.7	19.5	19.6	0.0	20.6
		75	0	21.0	21.0	21.0	2.5	22.0	19.7	19.6	19.6	0.0	20.6
	256QAM	1	0	19.1	19.1	19.0	4.5	20.0	18.9	19.0	19.0	0.6	20.0
		1	37	19.3	19.1	19.0	4.5	20.0	19.2	18.9	19.0	0.6	20.0
		1	74	19.3	19.1	19.1	4.5	20.0	19.2	19.0	19.1	0.6	20.0
		36	0	19.0	19.0	19.0	4.5	20.0	18.9	18.8	18.9	0.6	20.0
		36	20	19.2	18.9	19.0	4.5	20.0	19.1	18.9	18.9	0.6	20.0
		36	39	19.2	19.0	19.0	4.5	20.0	19.1	18.9	18.9	0.6	20.0
		75	0	19.1	19.0	19.0	4.5	20.0	19.0	18.8	18.9	0.6	20.0

LTE Band 7 Measured Results (ANT3) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				20800	21100	21400	MPR	Tune-up Limit	20800	21100	21400	MPR	Tune-up Limit
				2505 MHz	2535 MHz	2565 MHz			2505 MHz	2535 MHz	2565 MHz		
10 MHz	QPSK	1	0	24.0	24.0	24.1	0.0	24.5	19.5	19.7	19.7	0.0	20.6
		1	25	24.2	24.0	24.2	0.0	24.5	19.8	19.6	19.7	0.0	20.6
		1	49	24.2	24.1	24.1	0.0	24.5	19.8	19.6	19.8	0.0	20.6
		25	0	23.1	23.1	23.1	0.5	24.0	19.7	19.7	19.7	0.0	20.6
		25	12	23.1	23.1	23.1	0.5	24.0	19.7	19.7	19.7	0.0	20.6
		25	25	23.2	23.1	23.2	0.5	24.0	19.8	19.7	19.8	0.0	20.6
		50	0	23.1	23.1	23.1	0.5	24.0	19.7	19.7	19.7	0.0	20.6
	16QAM	1	0	23.3	23.5	23.5	0.5	24.0	19.9	20.1	20.0	0.0	20.6
		1	25	23.4	23.4	23.5	0.5	24.0	20.1	20.0	20.1	0.0	20.6
		1	49	23.6	23.5	23.5	0.5	24.0	20.2	20.1	20.1	0.0	20.6
		25	0	22.1	22.1	22.1	1.5	23.0	19.7	19.7	19.7	0.0	20.6
		25	12	22.1	22.1	22.1	1.5	23.0	19.7	19.7	19.7	0.0	20.6
		25	25	22.2	22.1	22.2	1.5	23.0	19.8	19.7	19.8	0.0	20.6
		50	0	22.1	22.1	22.1	1.5	23.0	19.7	19.7	19.7	0.0	20.6
	64QAM	1	0	22.1	22.2	22.3	1.5	23.0	19.8	19.8	19.9	0.0	20.6
		1	25	22.4	22.3	22.3	1.5	23.0	20.1	19.8	19.9	0.0	20.6
		1	49	22.5	22.3	22.3	1.5	23.0	20.1	19.8	19.9	0.0	20.6
		25	0	21.1	21.1	21.1	2.5	22.0	19.7	19.7	19.7	0.0	20.6
		25	12	21.2	21.1	21.1	2.5	22.0	19.8	19.7	19.7	0.0	20.6
		25	25	21.2	21.1	21.2	2.5	22.0	19.9	19.7	19.8	0.0	20.6
		50	0	21.1	21.1	21.1	2.5	22.0	19.8	19.7	19.7	0.0	20.6
	256QAM	1	0	19.1	19.2	19.1	4.5	20.0	19.0	19.1	19.1	0.6	20.0
		1	25	19.4	19.3	19.3	4.5	20.0	19.3	19.2	19.3	0.6	20.0
		1	49	19.4	19.2	19.2	4.5	20.0	19.3	19.2	19.3	0.6	20.0
		25	0	19.1	19.1	19.1	4.5	20.0	19.0	19.0	19.0	0.6	20.0
		25	12	19.2	19.1	19.2	4.5	20.0	19.1	19.1	19.0	0.6	20.0
		25	25	19.3	19.2	19.3	4.5	20.0	19.2	19.1	19.1	0.6	20.0
		50	0	19.2	19.1	19.1	4.5	20.0	19.0	19.0	19.0	0.6	20.0

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				20775	21100	21425	MPR	Tune-up Limit	20775	21100	21425	MPR	Tune-up Limit
				2502.5 MHz	2535 MHz	2567.5 MHz			2502.5 MHz	2535 MHz	2567.5 MHz		
5 MHz	QPSK	1	0	22.9	23.9	22.9	0.0	24.5	19.5	19.5	19.5	0.0	20.6
		1	12	23.9	23.9	23.9	0.0	24.5	19.5	19.5	19.5	0.0	20.6
		1	24	23.9	23.9	23.9	0.0	24.5	19.5	19.5	19.5	0.0	20.6
		12	0	23.6	23.7	23.7	0.5	24.0	19.5	19.5	19.5	0.0	20.6
		12	7	23.6	23.7	23.7	0.5	24.0	19.5	19.5	19.5	0.0	20.6
		12	13	23.6	23.7	23.7	0.5	24.0	19.5	19.5	19.5	0.0	20.6
		25	0	22.9	23.0	22.9	0.5	24.0	19.5	19.6	19.5	0.0	20.6
	16QAM	1	0	23.2	23.2	23.2	0.5	24.0	19.9	19.9	19.8	0.0	20.6
		1	12	23.2	23.2	23.1	0.5	24.0	19.9	19.9	19.7	0.0	20.6
		1	24	23.3	23.3	23.1	0.5	24.0	19.9	19.9	19.7	0.0	20.6
		12	0	22.7	22.7	22.7	1.5	23.0	19.6	19.6	19.6	0.0	20.6
		12	7	22.7	22.7	22.7	1.5	23.0	19.6	19.6	19.6	0.0	20.6
		12	13	22.7	22.7	22.6	1.5	23.0	19.5	19.6	19.6	0.0	20.6
		25	0	22.0	21.9	22.0	1.5	23.0	19.6	19.6	19.6	0.0	20.6
	64QAM	1	0	22.1	22.1	22.3	1.5	23.0	19.7	19.8	19.8	0.0	20.6
		1	12	22.1	22.2	22.4	1.5	23.0	19.7	19.9	19.9	0.0	20.6
		1	24	22.3	22.2	22.3	1.5	23.0	19.9	19.9	19.9	0.0	20.6
		12	0	21.0	21.0	21.1	2.5	22.0	19.6	19.6	19.7	0.0	20.6
		12	7	21.1	21.1	21.2	2.5	22.0	19.7	19.7	19.8	0.0	20.6
		12	13	21.1	21.1	21.2	2.5	22.0	19.7	19.7	19.8	0.0	20.6
		25	0	21.1	21.1	21.1	2.5	22.0	19.7	19.7	19.7	0.0	20.6
	256QAM	1	0	19.0	19.3	19.2	4.5	20.0	19.0	19.2	19.2	0.6	20.0
		1	12	19.1	19.4	19.3	4.5	20.0	19.1	19.2	19.3	0.6	20.0
		1	24	19.3	19.3	19.3	4.5	20.0	19.3	19.2	19.3	0.6	20.0
		12	0	19.0	19.1	19.2	4.5	20.0	18.9	18.9	19.0	0.6	20.0
		12	7	19.1	19.1	19.2	4.5	20.0	18.9	19.0	19.1	0.6	20.0
		12	13	19.1	19.2	19.3	4.5	20.0	19.0	19.1	19.1	0.6	20.0
		25	0	19.1	19.1	19.2	4.5	20.0	19.0	19.0	19.1	0.6	20.0

LTE Band 7 Measured Results (ANT4)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				20850	21100	21350	MPR	Tune-up Limit	20850	21100	21350	MPR	Tune-up Limit
				2510 MHz	2535 MHz	2560 MHz			2510 MHz	2535 MHz	2560 MHz		
20 MHz	QPSK	1	0	18.4	18.5	18.5	0.0	19.1	17.9	18.2	18.0	0.0	18.8
		1	49	18.6	18.7	18.7	0.0	19.1	18.0	18.3	18.3	0.0	18.8
		1	99	18.6	18.6	18.6	0.0	19.1	18.0	18.2	18.3	0.0	18.8
		50	0	18.4	18.6	18.5	0.0	19.1	18.0	18.2	18.2	0.0	18.8
		50	24	18.6	18.6	18.6	0.0	19.1	18.1	18.3	18.3	0.0	18.8
		50	50	18.6	18.6	18.6	0.0	19.1	18.0	18.1	18.2	0.0	18.8
		100	0	18.6	18.6	18.6	0.0	19.1	18.1	18.2	18.0	0.0	18.8
	16QAM	1	0	18.3	18.4	18.5	0.0	19.1	17.8	17.8	17.6	0.0	18.8
		1	49	18.6	18.5	18.6	0.0	19.1	18.0	18.0	17.8	0.0	18.8
		1	99	18.4	18.5	18.5	0.0	19.1	17.9	17.8	17.6	0.0	18.8
		50	0	18.2	18.2	18.4	0.0	19.1	18.1	18.0	18.0	0.0	18.8
		50	24	18.3	18.3	18.4	0.0	19.1	18.1	18.0	18.0	0.0	18.8
		50	50	18.2	18.2	18.3	0.0	19.1	18.0	17.9	17.9	0.0	18.8
		100	0	18.2	18.3	18.4	0.0	19.1	18.0	18.0	18.0	0.0	18.8
	64QAM	1	0	18.3	18.3	18.4	0.0	19.1	18.0	18.0	18.0	0.0	18.8
		1	49	18.4	18.3	18.5	0.0	19.1	18.2	18.0	18.1	0.0	18.8
		1	99	18.4	18.3	18.3	0.0	19.1	18.1	17.9	18.0	0.0	18.8
		50	0	18.2	18.2	18.3	0.0	19.1	18.0	17.9	17.9	0.0	18.8
		50	24	18.3	18.2	18.3	0.0	19.1	18.0	17.9	18.0	0.0	18.8
		50	50	18.2	18.2	18.3	0.0	19.1	18.0	17.8	17.8	0.0	18.8
		100	0	18.2	18.3	18.3	0.0	19.1	18.0	17.9	17.9	0.0	18.8
	256QAM	1	0	17.4	17.5	17.5	0.9	18.2	17.3	17.3	17.3	0.6	18.2
		1	49	17.5	17.4	17.6	0.9	18.2	17.4	17.3	17.3	0.6	18.2
		1	99	17.5	17.5	17.6	0.9	18.2	17.4	17.3	17.3	0.6	18.2
		50	0	17.3	17.3	17.4	0.9	18.2	17.2	17.1	17.1	0.6	18.2
		50	24	17.4	17.4	17.4	0.9	18.2	17.3	17.2	17.1	0.6	18.2
		50	50	17.3	17.3	17.4	0.9	18.2	17.2	17.1	17.1	0.6	18.2
		100	0	17.3	17.4	17.4	0.9	18.2	17.2	17.1	17.1	0.6	18.2

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				20825	21100	21375	MPR	Tune-up Limit	20825	21100	21375	MPR	Tune-up Limit
				2507.5 MHz	2535 MHz	2562.5 MHz			2507.5 MHz	2535 MHz	2562.5 MHz		
15 MHz	QPSK	1	0	17.9	18.0	18.1	0.0	19.1	17.9	17.8	17.8	0.0	18.8
		1	37	18.0	18.0	18.1	0.0	19.1	18.1	17.9	17.9	0.0	18.8
		1	74	18.1	18.1	18.1	0.0	19.1	18.0	17.8	17.8	0.0	18.8
		36	0	18.0	18.1	18.2	0.0	19.1	18.0	17.9	17.9	0.0	18.8
		36	20	18.1	18.1	18.2	0.0	19.1	18.1	18.0	17.9	0.0	18.8
		36	39	18.0	18.1	18.1	0.0	19.1	18.0	17.9	17.8	0.0	18.8
		75	0	18.0	18.1	18.2	0.0	19.1	18.0	17.9	17.9	0.0	18.8
	16QAM	1	0	18.2	18.3	18.4	0.0	19.1	17.8	17.8	17.6	0.0	18.8
		1	37	18.4	18.3	18.5	0.0	19.1	18.3	18.0	17.8	0.0	18.8
		1	74	18.3	18.3	18.5	0.0	19.1	17.9	17.8	17.6	0.0	18.8
		36	0	18.1	18.1	18.2	0.0	19.1	18.1	18.0	17.9	0.0	18.8
		36	20	18.1	18.2	18.3	0.0	19.1	18.1	18.0	17.9	0.0	18.8
		36	39	18.0	18.2	18.2	0.0	19.1	18.0	18.0	17.9	0.0	18.8
		75	0	18.0	18.2	18.2	0.0	19.1	18.0	18.0	18.0	0.0	18.8
	64QAM	1	0	18.0	18.1	18.3	0.0	19.1	18.1	17.9	18.0	0.0	18.8
		1	37	18.2	18.2	18.4	0.0	19.1	18.2	17.9	18.0	0.0	18.8
		1	74	18.2	18.2	18.3	0.0	19.1	18.1	17.9	17.9	0.0	18.8
		36	0	18.0	18.1	18.2	0.0	19.1	18.0	17.9	17.9	0.0	18.8
		36	20	18.1	18.1	18.2	0.0	19.1	18.1	17.9	17.9	0.0	18.8
		36	39	18.1	18.1	18.2	0.0	19.1	18.0	17.9	17.8	0.0	18.8
		75	0	18.0	18.1	18.3	0.0	19.1	18.0	17.9	17.9	0.0	18.8
	256QAM	1	0	17.2	17.3	17.4	0.9	18.2	17.2	17.1	17.1	0.6	18.2
		1	37	17.4	17.3	17.5	0.9	18.2	17.3	17.1	17.1	0.6	18.2
		1	74	17.4	17.4	17.4	0.9	18.2	17.2	17.1	17.1	0.6	18.2
		36	0	17.2	17.2	17.3	0.9	18.2	17.2	17.1	17.1	0.6	18.2
		36	20	17.2	17.2	17.3	0.9	18.2	17.2	17.1	17.1	0.6	18.2
		36	39	17.2	17.3	17.3	0.9	18.2	17.2	17.1	17.1	0.6	18.2
		75	0	17.1	17.2	17.3	0.9	18.2	17.2	17.1	17.1	0.6	18.2

LTE Band 7 Measured Results (ANT4) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				20800	21100	21400			20800	21100	21400		
				2505 MHz	2535 MHz	2565 MHz			2505 MHz	2535 MHz	2565 MHz		
10 MHz	QPSK	1	0	18.1	18.2	18.3	0.0	19.1	18.1	18.0	18.0	0.0	18.8
		1	25	18.2	18.2	18.3	0.0	19.1	18.2	18.0	18.0	0.0	18.8
		1	49	18.2	18.2	18.3	0.0	19.1	18.2	18.0	18.0	0.0	18.8
		25	0	18.2	18.2	18.2	0.0	19.1	18.2	18.1	18.0	0.0	18.8
		25	12	18.2	18.3	18.3	0.0	19.1	18.2	18.1	18.1	0.0	18.8
		25	25	18.2	18.3	18.2	0.0	19.1	18.2	18.1	18.0	0.0	18.8
		50	0	18.1	18.3	18.2	0.0	19.1	18.1	18.1	18.0	0.0	18.8
	16QAM	1	0	18.4	18.6	18.5	0.0	19.1	17.8	17.8	17.6	0.0	18.8
		1	25	18.4	18.5	18.5	0.0	19.1	18.3	18.0	17.8	0.0	18.8
		1	49	18.6	18.6	18.6	0.0	19.1	17.9	17.8	17.6	0.0	18.8
		25	0	18.2	18.2	18.3	0.0	19.1	18.2	18.1	18.1	0.0	18.8
		25	12	18.2	18.3	18.4	0.0	19.1	18.2	18.1	18.1	0.0	18.8
		25	25	18.2	18.2	18.2	0.0	19.1	18.2	18.1	18.0	0.0	18.8
		50	0	18.2	18.2	18.2	0.0	19.1	18.1	18.1	18.1	0.0	18.8
	64QAM	1	0	18.2	18.3	18.3	0.0	19.1	18.1	18.2	18.2	0.0	18.8
		1	25	18.4	18.4	18.4	0.0	19.1	18.1	18.2	18.2	0.0	18.8
		1	49	18.4	18.4	18.4	0.0	19.1	18.1	18.2	18.2	0.0	18.8
		25	0	18.2	18.2	18.3	0.0	19.1	18.1	18.0	18.0	0.0	18.8
		25	12	18.2	18.3	18.3	0.0	19.1	18.1	18.1	18.1	0.0	18.8
		25	25	18.2	18.3	18.2	0.0	19.1	18.1	18.0	18.0	0.0	18.8
		50	0	18.1	18.2	18.3	0.0	19.1	18.1	18.0	18.0	0.0	18.8
	256QAM	1	0	17.2	17.4	17.4	0.9	18.2	17.4	17.3	17.3	0.6	18.2
		1	25	17.4	17.5	17.5	0.9	18.2	17.5	17.3	17.3	0.6	18.2
		1	49	17.4	17.4	17.4	0.9	18.2	17.4	17.2	17.2	0.6	18.2
		25	0	17.2	17.3	17.3	0.9	18.2	17.3	17.2	17.2	0.6	18.2
		25	12	17.3	17.4	17.4	0.9	18.2	17.3	17.2	17.3	0.6	18.2
		25	25	17.3	17.4	17.3	0.9	18.2	17.3	17.2	17.2	0.6	18.2
		50	0	17.3	17.3	17.4	0.9	18.2	17.3	17.2	17.3	0.6	18.2

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				20775	21100	21425			20775	21100	21425		
				2502.5 MHz	2535 MHz	2567.5 MHz			2502.5 MHz	2535 MHz	2567.5 MHz		
5 MHz	QPSK	1	0	18.1	18.2	18.2	0.0	19.1	18.0	18.0	18.0	0.0	18.8
		1	12	18.2	18.3	18.3	0.0	19.1	18.2	18.1	18.1	0.0	18.8
		1	24	18.2	18.2	18.3	0.0	19.1	18.2	18.0	18.0	0.0	18.8
		12	0	18.1	18.2	18.2	0.0	19.1	18.1	18.0	18.0	0.0	18.8
		12	7	18.2	18.3	18.3	0.0	19.1	18.2	18.1	18.0	0.0	18.8
		12	13	18.2	18.3	18.3	0.0	19.1	18.2	18.1	18.1	0.0	18.8
		25	0	18.2	18.2	18.3	0.0	19.1	18.1	18.0	18.0	0.0	18.8
	16QAM	1	0	18.4	18.5	18.5	0.0	19.1	17.8	17.8	17.6	0.0	18.8
		1	12	18.5	18.7	18.7	0.0	19.1	18.3	18.0	17.8	0.0	18.8
		1	24	18.6	18.6	18.6	0.0	19.1	17.9	17.8	17.6	0.0	18.8
		12	0	18.0	18.2	18.2	0.0	19.1	18.1	18.0	18.2	0.0	18.8
		12	7	18.1	18.3	18.3	0.0	19.1	18.2	18.1	18.2	0.0	18.8
		12	13	18.2	18.4	18.3	0.0	19.1	18.2	18.2	18.3	0.0	18.8
		25	0	18.1	18.2	18.3	0.0	19.1	18.1	18.1	18.1	0.0	18.8
	64QAM	1	0	18.2	18.3	18.4	0.0	19.1	18.1	18.1	18.2	0.0	18.8
		1	12	18.3	18.4	18.6	0.0	19.1	18.1	18.2	18.3	0.0	18.8
		1	24	18.4	18.3	18.4	0.0	19.1	18.2	18.1	18.2	0.0	18.8
		12	0	18.1	18.2	18.2	0.0	19.1	18.0	18.0	18.1	0.0	18.8
		12	7	18.2	18.2	18.3	0.0	19.1	18.1	18.1	18.1	0.0	18.8
		12	13	18.2	18.3	18.4	0.0	19.1	18.2	18.1	18.1	0.0	18.8
		25	0	18.2	18.2	18.3	0.0	19.1	18.1	18.0	18.1	0.0	18.8
	256QAM	1	0	17.2	17.3	17.4	0.9	18.2	17.3	17.3	17.4	0.6	18.2
		1	12	17.3	17.4	17.5	0.9	18.2	17.4	17.5	17.4	0.6	18.2
		1	24	17.4	17.3	17.4	0.9	18.2	17.5	17.3	17.3	0.6	18.2
		12	0	17.2	17.3	17.3	0.9	18.2	17.2	17.2	17.2	0.6	18.2
		12	7	17.3	17.4	17.4	0.9	18.2	17.3	17.2	17.3	0.6	18.2
		12	13	17.3	17.4	17.4	0.9	18.2	17.3	17.2	17.3	0.6	18.2
		25	0	17.2	17.3	17.4	0.9	18.2	17.3	17.2	17.3	0.6	18.2

LTE Band 12 Measured Results (ANT1)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A(dBm)			Power Mode B (dBm)				
					23095				23095		
					707.5 MHz		MPR	Tune-up Limit	707.5 MHz	MPR	Tune-up Limit
10 MHz	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		23.9		1	24.7	23.9	1	24.7
		25	12		24.0		1	24.7	24.0	1	24.7
		25	25		23.9		1	24.7	23.9	1	24.7
		50	0		23.9		1	24.7	23.9	1	24.7
	16QAM	1	0		24.4		1	24.7	24.4	1	24.7
		1	25		24.2		1	24.7	24.2	1	24.7
		1	49		24.3		1	24.7	24.3	1	24.7
		25	0		22.9		2	23.7	22.9	2	23.7
		25	12		23.0		2	23.7	23.0	2	23.7
		25	25		22.9		2	23.7	22.9	2	23.7
		50	0		22.9		2	23.7	22.9	2	23.7
	64QAM	1	0		23.1		2	23.7	23.1	2	23.7
		1	25		23.1		2	23.7	23.1	2	23.7
		1	49		23.0		2	23.7	23.0	2	23.7
		25	0		21.9		3	22.7	21.9	3	22.7
		25	12		21.9		3	22.7	21.9	3	22.7
		25	25		21.9		3	22.7	21.9	3	22.7
		50	0		21.9		3	22.7	21.9	3	22.7
	256QAM	1	0		20.0		5	20.7	20.0	5	20.7
		1	25		20.1		5	20.7	20.1	5	20.7
		1	49		20.1		5	20.7	20.1	5	20.7
		25	0		19.9		5	20.7	19.9	5	20.7
		25	12		19.9		5	20.7	19.9	5	20.7
		25	25		19.9		5	20.7	19.9	5	20.7
		50	0		19.9		5	20.7	19.9	5	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				23035	23095	23155	MPR	Tune-up Limit	23035	23095	23155	MPR	Tune-up Limit
				701.5 MHz	707.5 MHz	713.5 MHz			701.5 MHz	707.5 MHz	713.5 MHz		
5 MHz	QPSK	1	0	24.9	24.9	24.9	0	25.7	24.9	24.9	24.9	0	25.7
		1	12	25.0	24.9	25.0	0	25.7	25.0	24.9	25.0	0	25.7
		1	24	24.8	24.8	24.8	0	25.7	24.8	24.8	24.8	0	25.7
		12	0	23.9	23.9	23.8	1	24.7	23.9	23.9	23.8	1	24.7
		12	7	23.9	23.9	23.8	1	24.7	23.9	23.9	23.8	1	24.7
		12	13	23.9	23.8	23.8	1	24.7	23.9	23.8	23.8	1	24.7
		25	0	23.9	23.8	23.9	1	24.7	23.9	23.8	23.9	1	24.7
	16QAM	1	0	24.2	24.1	24.2	1	24.7	24.2	24.1	24.2	1	24.7
		1	12	24.3	24.3	24.4	1	24.7	24.3	24.3	24.4	1	24.7
		1	24	24.2	24.2	24.2	1	24.7	24.2	24.2	24.2	1	24.7
		12	0	23.0	22.9	22.8	2	23.7	23.0	22.9	22.8	2	23.7
		12	7	23.0	22.9	22.8	2	23.7	23.0	22.9	22.8	2	23.7
		12	13	22.9	22.8	22.9	2	23.7	22.9	22.8	22.9	2	23.7
		25	0	23.0	22.8	22.9	2	23.7	23.0	22.8	22.9	2	23.7
	64QAM	1	0	23.0	23.0	23.0	2	23.7	23.0	23.0	23.0	2	23.7
		1	12	23.1	23.1	23.0	2	23.7	23.1	23.1	23.0	2	23.7
		1	24	23.0	23.0	22.9	2	23.7	23.0	23.0	22.9	2	23.7
		12	0	21.9	21.9	21.8	3	22.7	21.9	21.9	21.8	3	22.7
		12	7	21.9	21.9	21.9	3	22.7	21.9	21.9	21.9	3	22.7
		12	13	21.9	21.8	21.9	3	22.7	21.9	21.8	21.9	3	22.7
		25	0	21.9	21.8	21.9	3	22.7	21.9	21.8	21.9	3	22.7
	256QAM	1	0	19.9	19.9	19.9	5	20.7	19.9	19.9	19.9	5	20.7
		1	12	20.0	20.1	20.0	5	20.7	20.0	20.1	20.0	5	20.7
		1	24	20.0	20.0	19.9	5	20.7	20.0	20.0	19.9	5	20.7
		12	0	20.0	19.9	19.9	5	20.7	20.0	19.9	19.9	5	20.7
		12	7	20.0	19.9	19.9	5	20.7	20.0	19.9	19.9	5	20.7
		12	13	19.9	19.8	19.9	5	20.7	19.9	19.8	19.9	5	20.7
		25	0	19.9	19.9	19.9	5	20.7	19.9	19.9	19.9	5	20.7

LTE Band 12 Measured Results (ANT1) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				23025	23095	23165			23025	23095	23165		
				700.5 MHz	707.5 MHz	714.5 MHz			700.5 MHz	707.5 MHz	714.5 MHz		
3 MHz	QPSK	1	0	24.8	24.8	24.8	0	25.7	24.8	24.8	24.8	0	25.7
		1	8	24.9	24.8	24.9	0	25.7	24.9	24.8	24.9	0	25.7
		1	14	24.8	24.7	24.8	0	25.7	24.8	24.7	24.8	0	25.7
		8	0	23.9	23.8	23.8	1	24.7	23.9	23.8	23.8	1	24.7
		8	4	23.9	23.8	23.8	1	24.7	23.9	23.8	23.8	1	24.7
		8	7	23.9	23.8	23.9	1	24.7	23.9	23.8	23.9	1	24.7
		15	0	23.8	23.8	23.8	1	24.7	23.8	23.8	23.8	1	24.7
	16QAM	1	0	24.1	24.1	24.2	1	24.7	24.1	24.1	24.2	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	24.0	24.0	24.1	1	24.7	24.0	24.0	24.1	1	24.7
		8	0	22.9	22.9	22.9	2	23.7	22.9	22.9	22.9	2	23.7
		8	4	22.9	22.9	22.9	2	23.7	22.9	22.9	22.9	2	23.7
		8	7	22.9	22.9	22.9	2	23.7	22.9	22.9	22.9	2	23.7
		15	0	22.9	22.8	22.9	2	23.7	22.9	22.8	22.9	2	23.7
	64QAM	1	0	22.9	23.1	23.1	2	23.7	22.9	23.1	23.1	2	23.7
		1	8	23.0	23.1	23.2	2	23.7	23.0	23.1	23.2	2	23.7
		1	14	22.9	23.0	23.1	2	23.7	22.9	23.0	23.1	2	23.7
		8	0	21.9	21.9	21.9	3	22.7	21.9	21.9	21.9	3	22.7
		8	4	22.0	21.9	21.9	3	22.7	22.0	21.9	21.9	3	22.7
		8	7	21.9	21.9	21.9	3	22.7	21.9	21.9	21.9	3	22.7
		15	0	21.9	21.9	21.8	3	22.7	21.9	21.9	21.8	3	22.7
	256QAM	1	0	20.0	19.9	19.9	5	20.7	20.0	19.9	19.9	5	20.7
		1	8	20.1	20.0	20.0	5	20.7	20.1	20.0	20.0	5	20.7
		1	14	19.9	19.9	19.9	5	20.7	19.9	19.9	19.9	5	20.7
		8	0	19.9	19.9	19.9	5	20.7	19.9	19.9	19.9	5	20.7
		8	4	20.0	19.9	19.9	5	20.7	20.0	19.9	19.9	5	20.7
		8	7	19.9	19.9	19.9	5	20.7	19.9	19.9	19.9	5	20.7
		15	0	19.9	19.9	19.8	5	20.7	19.9	19.9	19.8	5	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				23017	23095	23173			23017	23095	23173		
				699.7 MHz	707.5 MHz	715.3 MHz			699.7 MHz	707.5 MHz	715.3 MHz		
1.4 MHz	QPSK	1	0	24.8	24.8	24.9	0	25.7	24.8	24.8	24.9	0	25.7
		1	3	24.9	24.8	24.8	0	25.7	24.9	24.8	24.8	0	25.7
		1	5	24.8	24.7	24.7	0	25.7	24.8	24.7	24.7	0	25.7
		3	0	24.8	24.7	24.8	0	25.7	24.8	24.7	24.8	0	25.7
		3	1	24.8	24.7	24.8	0	25.7	24.8	24.7	24.8	0	25.7
		3	3	24.8	24.7	24.8	0	25.7	24.8	24.7	24.8	0	25.7
		6	0	23.8	23.7	23.7	1	24.7	23.8	23.7	23.7	1	24.7
	16QAM	1	0	24.2	24.2	24.2	1	24.7	24.2	24.2	24.2	1	24.7
		1	3	24.2	24.1	24.1	1	24.7	24.2	24.1	24.1	1	24.7
		1	5	24.2	24.1	24.1	1	24.7	24.2	24.1	24.1	1	24.7
		3	0	24.1	23.9	24.0	1	24.7	24.1	23.9	24.0	1	24.7
		3	1	24.0	23.9	24.0	1	24.7	24.0	23.9	24.0	1	24.7
		3	3	24.0	23.9	24.0	1	24.7	24.0	23.9	24.0	1	24.7
		6	0	22.9	22.8	22.8	2	23.7	22.9	22.8	22.8	2	23.7
	64QAM	1	0	23.0	22.9	23.1	2	23.7	23.0	22.9	23.1	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	23.1	2	23.7	22.9	22.8	23.1	2	23.7
		3	0	23.0	22.8	22.9	2	23.7	23.0	22.8	22.9	2	23.7
		3	1	23.0	22.8	22.8	2	23.7	23.0	22.8	22.8	2	23.7
		3	3	23.0	22.8	22.9	2	23.7	23.0	22.8	22.9	2	23.7
		6	0	21.9	21.8	21.8	3	22.7	21.9	21.8	21.8	3	22.7
	256QAM	1	0	19.9	19.9	19.8	5	20.7	19.9	19.9	19.8	5	20.7
		1	3	20.0	19.9	19.9	5	20.7	20.0	19.9	19.9	5	20.7
		1	5	19.9	19.7	19.9	5	20.7	19.9	19.7	19.9	5	20.7
		3	0	19.9	19.9	19.9	5	20.7	19.9	19.9	19.9	5	20.7
		3	1	19.9	19.9	19.8	5	20.7	19.9	19.9	19.8	5	20.7
		3	3	19.9	19.8	19.8	5	20.7	19.9	19.8	19.8	5	20.7
		6	0	19.8	19.7	19.6	5	20.7	19.8	19.7	19.6	5	20.7

LTE Band 12 Measured Results (ANT2)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A(dBm)			Power Mode B (dBm)				
				[redacted]	23095	[redacted]	MPR	Tune-up Limit	[redacted]	23095	[redacted]	MPR	Tune-up Limit
					707.5 MHz					707.5 MHz			
10 MHz	QPSK	1	0		22.4		0.0	23.0		24.4		0.0	24.7
		1	25		22.5		0.0	23.0		24.4		0.0	24.7
		1	49		22.4		0.0	23.0		24.4		0.0	24.7
		25	0		22.5		0.0	23.0		23.4		1.0	23.7
		25	12		22.5		0.0	23.0		23.4		1.0	23.7
		25	25		22.5		0.0	23.0		23.4		1.0	23.7
		50	0		22.4		0.0	23.0		23.4		1.0	23.7
	16QAM	1	0		22.5		0.0	23.0		23.4		1.0	23.7
		1	25		22.5		0.0	23.0		23.4		1.0	23.7
		1	49		22.5		0.0	23.0		23.4		1.0	23.7
		25	0		22.2		0.3	22.7		22.4		2.0	22.7
		25	12		22.2		0.3	22.7		22.4		2.0	22.7
		25	25		22.2		0.3	22.7		22.4		2.0	22.7
		50	0		22.1		0.3	22.7		22.4		2.0	22.7
	64QAM	1	0		22.2		0.3	22.7		22.4		2.0	22.7
		1	25		22.3		0.3	22.7		22.4		2.0	22.7
		1	49		22.2		0.3	22.7		22.4		2.0	22.7
		25	0		21.1		1.3	21.7		21.3		3.0	21.7
		25	12		21.1		1.3	21.7		21.3		3.0	21.7
		25	25		21.2		1.3	21.7		21.4		3.0	21.7
		50	0		21.1		1.3	21.7		21.3		3.0	21.7
	256QAM	1	0		19.1		3.3	19.7		19.4		5.0	19.7
		1	25		19.3		3.3	19.7		19.3		5.0	19.7
		1	49		19.3		3.3	19.7		19.3		5.0	19.7
		25	0		19.1		3.3	19.7		19.3		5.0	19.7
		25	12		19.1		3.3	19.7		19.3		5.0	19.7
		25	25		19.2		3.3	19.7		19.4		5.0	19.7
		50	0		19.1		3.3	19.7		19.3		5.0	19.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				23035	23095	23155			23035	23095	23155		
				701.5 MHz	707.5 MHz	22.4			701.5 MHz	707.5 MHz	713.5 MHz		
5 MHz	QPSK	1	0	22.4	22.4	22.5	0.0	23.0	24.3	24.3	24.3	0.0	24.7
		1	12	22.5	22.5	22.5	0.0	23.0	24.4	24.4	24.4	0.0	24.7
		1	24	22.4	22.5	22.4	0.0	23.0	24.3	24.3	24.3	0.0	24.7
		12	0	22.4	22.4	22.5	0.0	23.0	23.3	23.3	23.2	1.0	23.7
		12	7	22.5	22.5	22.5	0.0	23.0	23.3	23.4	23.3	1.0	23.7
		12	13	22.4	22.5	22.4	0.0	23.0	23.3	23.3	23.3	1.0	23.7
		25	0	22.4	22.4	22.8	0.0	23.0	23.3	23.3	23.3	1.0	23.7
	16QAM	1	0	22.5	22.5	22.5	0.0	23.0	23.3	23.3	23.2	1.0	23.7
		1	12	22.5	22.5	22.5	0.0	23.0	23.4	23.4	23.4	1.0	23.7
		1	24	22.5	22.5	22.5	0.0	23.0	23.3	23.3	23.3	1.0	23.7
		12	0	22.1	22.5	22.5	0.3	22.7	22.3	22.3	22.4	2.0	22.7
		12	7	22.2	22.5	22.5	0.3	22.7	22.3	22.4	22.4	2.0	22.7
		12	13	22.1	22.5	22.2	0.3	22.7	22.3	22.3	22.4	2.0	22.7
		25	0	22.2	22.1	22.3	0.3	22.7	22.3	22.4	22.3	2.0	22.7
	64QAM	1	0	22.2	22.2	22.5	0.3	22.7	22.2	22.2	22.3	2.0	22.7
		1	12	22.3	22.3	22.4	0.3	22.7	22.2	22.3	22.3	2.0	22.7
		1	24	22.2	22.3	22.2	0.3	22.7	22.3	22.2	22.3	2.0	22.7
		12	0	21.1	21.7	21.6	1.3	21.7	21.3	21.4	21.4	3.0	21.7
		12	7	21.2	21.7	21.6	1.3	21.7	21.3	21.3	21.4	3.0	21.7
		12	13	21.1	21.7	21.1	1.3	21.7	21.3	21.2	21.4	3.0	21.7
		25	0	21.2	21.1	21.2	1.3	21.7	21.3	21.2	21.4	3.0	21.7
	256QAM	1	0	19.1	19.1	19.3	3.3	19.7	19.2	19.2	19.4	5.0	19.7
		1	12	19.3	19.3	19.4	3.3	19.7	19.3	19.3	19.3	5.0	19.7
		1	24	19.2	19.3	19.1	3.3	19.7	19.3	19.3	19.2	5.0	19.7
		12	0	19.1	19.1	19.2	3.3	19.7	19.3	19.2	19.3	5.0	19.7
		12	7	19.2	19.2	19.2	3.3	19.7	19.3	19.3	19.4	5.0	19.7
		12	13	19.2	19.2	19.1	3.3	19.7	19.3	19.2	19.4	5.0	19.7
		25	0	19.2	19.1	19.2	3.3	19.7	19.3	19.2	19.4	5.0	19.7

LTE Band 12 Measured Results (ANT2) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				23025	23095	23165			23025	23095	23165		
				700.5 MHz	707.5 MHz	714.5 MHz			700.5 MHz	707.5 MHz	714.5 MHz		
3 MHz	QPSK	1	0	22.4	22.5	22.5	0.0	23.0	24.3	24.4	24.4	0.0	24.7
		1	8	22.4	22.5	22.5	0.0	23.0	24.4	24.4	24.4	0.0	24.7
		1	14	22.3	22.4	22.5	0.0	23.0	24.3	24.3	24.3	0.0	24.7
		8	0	22.4	22.4	22.5	0.0	23.0	23.3	23.4	23.4	1.0	23.7
		8	4	22.4	22.5	22.5	0.0	23.0	23.3	23.3	23.3	1.0	23.7
		8	7	22.4	22.5	22.5	0.0	23.0	23.3	23.3	23.3	1.0	23.7
		15	0	22.4	22.5	22.5	0.0	23.0	23.3	23.3	23.3	1.0	23.7
	16QAM	1	0	22.4	22.4	22.4	0.0	23.0	23.3	23.2	23.3	1.0	23.7
		1	8	22.4	22.4	22.4	0.0	23.0	23.3	23.3	23.4	1.0	23.7
		1	14	22.4	22.4	22.4	0.0	23.0	23.3	23.1	23.2	1.0	23.7
		8	0	22.1	22.2	22.4	0.3	22.7	22.4	22.3	22.3	2.0	22.7
		8	4	22.2	22.3	22.4	0.3	22.7	22.4	22.4	22.4	2.0	22.7
		8	7	22.2	22.3	22.4	0.3	22.7	22.4	22.3	22.4	2.0	22.7
		15	0	22.1	22.2	22.2	0.3	22.7	22.3	22.3	22.3	2.0	22.7
	64QAM	1	0	22.1	22.4	22.3	0.3	22.7	22.4	22.4	22.4	2.0	22.7
		1	8	22.3	22.5	22.4	0.3	22.7	22.4	22.4	22.4	2.0	22.7
		1	14	22.2	22.4	22.4	0.3	22.7	22.4	22.4	22.3	2.0	22.7
		8	0	21.1	21.1	21.7	1.3	21.7	21.4	21.4	21.3	3.0	21.7
		8	4	21.2	21.2	21.6	1.3	21.7	21.4	21.4	21.3	3.0	21.7
		8	7	21.2	21.2	21.7	1.3	21.7	21.4	21.4	21.3	3.0	21.7
		15	0	21.2	21.2	21.2	1.3	21.7	21.3	21.4	21.3	3.0	21.7
	256QAM	1	0	19.3	19.1	19.1	3.3	19.7	19.3	19.4	19.2	5.0	19.7
		1	8	19.3	19.3	19.3	3.3	19.7	19.4	19.4	19.4	5.0	19.7
		1	14	19.2	19.2	19.3	3.3	19.7	19.3	19.4	19.4	5.0	19.7
		8	0	19.2	19.2	19.1	3.3	19.7	19.4	19.4	19.2	5.0	19.7
		8	4	19.3	19.3	19.2	3.3	19.7	19.3	19.4	19.3	5.0	19.7
		8	7	19.2	19.3	19.2	3.3	19.7	19.3	19.4	19.3	5.0	19.7
		15	0	19.2	19.2	19.2	3.3	19.7	19.3	19.4	19.3	5.0	19.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				23017	23095	23173			23017	23095	23173		
				699.7 MHz	707.5 MHz	715.3 MHz			699.7 MHz	707.5 MHz	715.3 MHz		
1.4 MHz	QPSK	1	0	22.5	22.5	22.5	0.0	23.0	24.4	23.5	23.5	0.0	24.7
		1	3	22.5	22.5	22.5	0.0	23.0	24.3	24.4	24.4	0.0	24.7
		1	5	22.4	22.5	22.5	0.0	23.0	24.2	24.4	24.4	0.0	24.7
		3	0	22.5	22.5	22.5	0.0	23.0	24.3	24.3	24.3	0.0	24.7
		3	1	22.5	22.5	22.5	0.0	23.0	24.3	24.3	24.4	0.0	24.7
		3	3	22.5	22.5	22.5	0.0	23.0	24.3	24.3	24.3	0.0	24.7
		6	0	22.5	22.5	22.5	0.0	23.0	23.2	23.1	23.1	1.0	23.7
	16QAM	1	0	22.4	22.4	22.4	0.0	23.0	23.3	23.2	23.2	1.0	23.7
		1	3	22.4	22.4	22.4	0.0	23.0	23.3	23.3	23.3	1.0	23.7
		1	5	22.4	22.4	22.4	0.0	23.0	23.2	23.3	23.3	1.0	23.7
		3	0	22.4	22.4	22.4	0.0	23.0	23.4	23.3	23.3	1.0	23.7
		3	1	22.4	22.4	22.4	0.0	23.0	23.4	23.3	23.3	1.0	23.7
		3	3	22.4	22.4	22.4	0.0	23.0	23.4	23.3	23.3	1.0	23.7
		6	0	22.3	22.6	22.5	0.3	22.7	22.3	22.1	22.3	2.0	22.7
	64QAM	1	0	22.3	22.3	22.4	0.3	22.7	22.4	22.2	22.2	2.0	22.7
		1	3	22.3	22.3	22.4	0.3	22.7	22.4	22.3	22.2	2.0	22.7
		1	5	22.3	22.4	22.4	0.3	22.7	22.3	22.3	22.3	2.0	22.7
		3	0	22.3	22.2	22.2	0.3	22.7	22.4	22.4	22.2	2.0	22.7
		3	1	22.3	22.2	22.2	0.3	22.7	22.4	22.4	22.2	2.0	22.7
		3	3	22.2	22.2	22.2	0.3	22.7	22.3	22.4	22.2	2.0	22.7
		6	0	21.2	21.2	21.1	1.3	21.7	21.3	21.4	21.2	3.0	21.7
	256QAM	1	0	19.3	19.2	19.0	3.3	19.7	19.3	19.3	19.1	5.0	19.7
		1	3	19.4	19.3	19.2	3.3	19.7	19.4	19.4	19.2	5.0	19.7
		1	5	19.3	19.3	19.2	3.3	19.7	19.3	19.4	19.3	5.0	19.7
		3	0	19.3	19.2	19.1	3.3	19.7	19.3	19.3	19.2	5.0	19.7
		3	1	19.3	19.2	19.2	3.3	19.7	19.3	19.3	19.2	5.0	19.7
		3	3	19.3	19.2	19.2	3.3	19.7	19.3	19.3	19.2	5.0	19.7
		6	0	19.1	19.2	19.2	3.3	19.7	19.3	19.3	19.3	5.0	19.7

LTE Band 13 Measured Results (ANT1)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
				23230	MPR	Tune-up Limit	23230	MPR	Tune-up Limit
				782 MHz			782 MHz		
10 MHz	QPSK	1	0	25.1	0	25.7	24.7	0	25.4
		1	25	25.2	0	25.7	24.8	0	25.4
		1	49	25.0	0	25.7	24.7	0	25.4
		25	0	24.0	1	24.7	24.0	0.7	24.7
		25	12	24.1	1	24.7	24.1	0.7	24.7
		25	25	24.0	1	24.7	24.0	0.7	24.7
		50	0	24.1	1	24.7	24.1	0.7	24.7
	16QAM	1	0	24.4	1	24.7	24.4	0.7	24.7
		1	25	24.3	1	24.7	24.3	0.7	24.7
		1	49	24.3	1	24.7	24.3	0.7	24.7
		25	0	23.1	2	23.7	23.1	1.7	23.7
		25	12	23.0	2	23.7	23.0	1.7	23.7
		25	25	23.0	2	23.7	23.0	1.7	23.7
		50	0	23.0	2	23.7	23.0	1.7	23.7
	64QAM	1	0	23.2	2	23.7	23.2	1.7	23.7
		1	25	23.2	2	23.7	23.2	1.7	23.7
		1	49	23.1	2	23.7	23.1	1.7	23.7
		25	0	22.0	3	22.7	22.0	2.7	22.7
		25	12	22.0	3	22.7	22.0	2.7	22.7
		25	25	22.0	3	22.7	22.0	2.7	22.7
		50	0	22.0	3	22.7	22.0	2.7	22.7
	256QAM	1	0	20.1	5	20.7	20.1	4.7	20.7
		1	25	20.2	5	20.7	20.2	4.7	20.7
		1	49	20.1	5	20.7	20.1	4.7	20.7
		25	0	20.0	5	20.7	20.0	4.7	20.7
		25	12	20.0	5	20.7	20.0	4.7	20.7
		25	25	20.0	5	20.7	20.0	4.7	20.7
		50	0	20.0	5	20.7	20.0	4.7	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
				23230	MPR	Tune-up Limit	23230	MPR	Tune-up Limit
				782 MHz			782 MHz		
5 MHz	QPSK	1	0	24.9	0	25.7	24.7	0	25.4
		1	12	25.0	0	25.7	24.7	0	25.4
		1	24	24.9	0	25.7	24.6	0	25.4
		12	0	23.9	1	24.7	23.9	0.7	24.7
		12	7	24.0	1	24.7	24.0	0.7	24.7
		12	13	23.9	1	24.7	23.9	0.7	24.7
		25	0	23.9	1	24.7	23.9	0.7	24.7
	16QAM	1	0	24.4	1	24.7	24.4	0.7	24.7
		1	12	24.4	1	24.7	24.4	0.7	24.7
		1	24	24.4	1	24.7	24.4	0.7	24.7
		12	0	23.0	2	23.7	23.0	1.7	23.7
		12	7	23.0	2	23.7	23.0	1.7	23.7
		12	13	23.0	2	23.7	23.0	1.7	23.7
		25	0	23.0	2	23.7	23.0	1.7	23.7
	64QAM	1	0	23.2	2	23.7	23.2	1.7	23.7
		1	12	23.3	2	23.7	23.3	1.7	23.7
		1	24	23.2	2	23.7	23.2	1.7	23.7
		12	0	22.0	3	22.7	22.0	2.7	22.7
		12	7	22.0	3	22.7	22.0	2.7	22.7
		12	13	22.0	3	22.7	22.0	2.7	22.7
		25	0	22.0	3	22.7	22.0	2.7	22.7
	256QAM	1	0	20.1	5	20.7	20.1	4.7	20.7
		1	12	20.1	5	20.7	20.1	4.7	20.7
		1	24	20.1	5	20.7	20.1	4.7	20.7
		12	0	20.0	5	20.7	20.0	4.7	20.7
		12	7	20.0	5	20.7	20.0	4.7	20.7
		12	13	20.0	5	20.7	20.0	4.7	20.7
		25	0	20.0	5	20.7	20.0	4.7	20.7

LTE Band 13 Measured Results (ANT2)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
				23230	MPR	Tune-up Limit	23230	MPR	Tune-up Limit
				782 MHz			782 MHz		
10 MHz	QPSK	1	0	23.0	0	23.7	24.0	0	24.7
		1	25	23.1	0	23.7	24.1	0	24.7
		1	49	22.9	0	23.7	23.9	0	24.7
		25	0	23.1	0	23.7	23.0	1	23.7
		25	12	23.1	0	23.7	23.1	1	23.7
		25	25	23.0	0	23.7	23.0	1	23.7
		50	0	23.1	0	23.7	23.0	1	23.7
	16QAM	1	0	23.0	0	23.7	23.3	1	23.7
		1	25	23.0	0	23.7	23.3	1	23.7
		1	49	23.0	0	23.7	23.2	1	23.7
		25	0	22.1	1	22.7	22.1	2	22.7
		25	12	22.0	1	22.7	22.1	2	22.7
		25	25	22.0	1	22.7	22.0	2	22.7
		50	0	22.1	1	22.7	22.1	2	22.7
	64QAM	1	0	22.2	1	22.7	22.3	2	22.7
		1	25	22.2	1	22.7	22.3	2	22.7
		1	49	22.1	1	22.7	22.2	2	22.7
		25	0	21.1	2	21.7	21.1	3	21.7
		25	12	21.1	2	21.7	21.0	3	21.7
		25	25	21.0	2	21.7	21.0	3	21.7
		50	0	21.1	2	21.7	21.1	3	21.7
	256QAM	1	0	19.1	4	19.7	19.0	5	19.7
		1	25	19.2	4	19.7	19.2	5	19.7
		1	49	19.1	4	19.7	19.1	5	19.7
		25	0	19.1	4	19.7	19.0	5	19.7
		25	12	19.1	4	19.7	19.0	5	19.7
		25	25	19.0	4	19.7	19.0	5	19.7
		50	0	19.1	4	19.7	19.0	5	19.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
				23230	MPR	Tune-up Limit	23230	MPR	Tune-up Limit
				782 MHz			782 MHz		
5 MHz	QPSK	1	0	23.0	0	23.7	24.0	0	24.7
		1	12	23.1	0	23.7	24.1	0	24.7
		1	24	23.0	0	23.7	24.0	0	24.7
		12	0	23.0	0	23.7	23.0	1	23.7
		12	7	23.0	0	23.7	23.0	1	23.7
		12	13	23.0	0	23.7	23.0	1	23.7
		25	0	23.0	0	23.7	23.0	1	23.7
	16QAM	1	0	23.0	0	23.7	23.3	1	23.7
		1	12	23.0	0	23.7	23.4	1	23.7
		1	24	23.0	0	23.7	23.3	1	23.7
		12	0	22.1	1	22.7	22.1	2	22.7
		12	7	22.1	1	22.7	22.1	2	22.7
		12	13	22.0	1	22.7	22.0	2	22.7
		25	0	22.1	1	22.7	22.0	2	22.7
	64QAM	1	0	22.3	1	22.7	22.1	2	22.7
		1	12	22.3	1	22.7	22.2	2	22.7
		1	24	22.2	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	21.1	3	21.7
		12	13	21.1	2	21.7	21.0	3	21.7
		25	0	21.1	2	21.7	21.0	3	21.7
	256QAM	1	0	19.1	4	19.7	19.0	5	19.7
		1	12	19.3	4	19.7	19.2	5	19.7
		1	24	19.2	4	19.7	19.1	5	19.7
		12	0	19.1	4	19.7	19.0	5	19.7
		12	7	19.1	4	19.7	19.0	5	19.7
		12	13	19.0	4	19.7	18.9	5	19.7
		25	0	19.1	4	19.7	18.9	5	19.7

LTE Band 14 Measured Results (ANT1)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
				23330	MPR	Tune-up Limit	23330	MPR	Tune-up Limit
				793 MHz			793 MHz		
10 MHz	QPSK	1	0	25.1	0	25.7	24.8	0	25.4
		1	25	25.2	0	25.7	24.8	0	25.4
		1	49	25.0	0	25.7	24.7	0	25.4
		25	0	24.1	1	24.7	24.1	0.7	24.7
		25	12	24.1	1	24.7	24.1	0.7	24.7
		25	25	24.0	1	24.7	24.0	0.7	24.7
		50	0	24.0	1	24.7	24.0	0.7	24.7
	16QAM	1	0	24.0	1	24.7	24.4	0.7	24.7
		1	25	24.2	1	24.7	24.4	0.7	24.7
		1	49	24.0	1	24.7	24.3	0.7	24.7
		25	0	23.1	2	23.7	23.1	1.7	23.7
		25	12	23.1	2	23.7	23.1	1.7	23.7
		25	25	23.0	2	23.7	23.0	1.7	23.7
		50	0	23.0	2	23.7	23.0	1.7	23.7
	64QAM	1	0	23.3	2	23.7	23.2	1.7	23.7
		1	25	23.2	2	23.7	23.1	1.7	23.7
		1	49	23.2	2	23.7	23.0	1.7	23.7
		25	0	22.1	3	22.7	22.1	2.7	22.7
		25	12	22.0	3	22.7	22.1	2.7	22.7
		25	25	22.0	3	22.7	22.0	2.7	22.7
		50	0	22.0	3	22.7	22.0	2.7	22.7
	256QAM	1	0	20.1	5	20.7	20.1	4.7	20.7
		1	25	20.1	5	20.7	20.1	4.7	20.7
		1	49	20.1	5	20.7	20.1	4.7	20.7
		25	0	20.0	5	20.7	20.1	4.7	20.7
		25	12	20.0	5	20.7	20.1	4.7	20.7
		25	25	20.0	5	20.7	20.0	4.7	20.7
		50	0	20.0	5	20.7	20.0	4.7	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
				23330	MPR	Tune-up Limit	23330	MPR	Tune-up Limit
				793 MHz			793 MHz		
5 MHz	QPSK	1	0	25.1	0	25.7	24.8	0	25.4
		1	12	25.1	0	25.7	24.7	0	25.4
		1	24	25.0	0	25.7	24.7	0	25.4
		12	0	24.1	1	24.7	24.1	0.7	24.7
		12	7	24.1	1	24.7	24.1	0.7	24.7
		12	13	24.0	1	24.7	24.0	0.7	24.7
		25	0	24.0	1	24.7	24.0	0.7	24.7
	16QAM	1	0	24.2	1	24.7	24.5	0.7	24.7
		1	12	24.2	1	24.7	24.3	0.7	24.7
		1	24	24.2	1	24.7	24.4	0.7	24.7
		12	0	23.1	2	23.7	23.1	1.7	23.7
		12	7	23.1	2	23.7	23.1	1.7	23.7
		12	13	23.1	2	23.7	23.0	1.7	23.7
		25	0	23.0	2	23.7	23.0	1.7	23.7
	64QAM	1	0	23.1	2	23.7	23.3	1.7	23.7
		1	12	23.1	2	23.7	23.3	1.7	23.7
		1	24	23.0	2	23.7	23.3	1.7	23.7
		12	0	22.1	3	22.7	22.1	2.7	22.7
		12	7	22.0	3	22.7	22.0	2.7	22.7
		12	13	22.0	3	22.7	22.0	2.7	22.7
		25	0	22.0	3	22.7	22.0	2.7	22.7
	256QAM	1	0	20.1	5	20.7	20.2	4.7	20.7
		1	12	20.1	5	20.7	20.2	4.7	20.7
		1	24	20.1	5	20.7	20.1	4.7	20.7
		12	0	20.1	5	20.7	20.0	4.7	20.7
		12	7	20.0	5	20.7	20.0	4.7	20.7
		12	13	20.0	5	20.7	20.0	4.7	20.7
		25	0	20.0	5	20.7	20.0	4.7	20.7

LTE Band 14 Measured Results (ANT2)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
				23330	MPR	Tune-up Limit	23330	MPR	Tune-up Limit
				793 MHz			793 MHz		
10 MHz	QPSK	1	0	23.0	0	23.7	24.0	0	24.7
		1	25	23.1	0	23.7	24.1	0	24.7
		1	49	22.9	0	23.7	23.9	0	24.7
		25	0	22.9	0	23.7	22.9	1	23.7
		25	12	23.0	0	23.7	23.1	1	23.7
		25	25	23.0	0	23.7	23.0	1	23.7
		50	0	23.0	0	23.7	23.0	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	23.0	0	23.7	23.0	1	23.7
		25	0	22.0	1	22.7	21.9	2	22.7
		25	12	22.0	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	21.9	2	22.7
	64QAM	1	0	22.2	1	22.7	22.1	2	22.7
		1	25	22.2	1	22.7	22.1	2	22.7
		1	49	22.1	1	22.7	22.0	2	22.7
		25	0	20.9	2	21.7	20.9	3	21.7
		25	12	21.0	2	21.7	21.0	3	21.7
		25	25	21.0	2	21.7	20.9	3	21.7
		50	0	21.0	2	21.7	21.0	3	21.7
	256QAM	1	0	18.9	4	19.7	19.0	5	19.7
		1	25	19.0	4	19.7	19.1	5	19.7
		1	49	18.9	4	19.7	19.0	5	19.7
		25	0	18.9	4	19.7	18.9	5	19.7
		25	12	19.0	4	19.7	19.0	5	19.7
		25	25	19.0	4	19.7	18.9	5	19.7
		50	0	19.0	4	19.7	19.0	5	19.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
				23330	MPR	Tune-up Limit	23330	MPR	Tune-up Limit
				793 MHz			793 MHz		
5 MHz	QPSK	1	0	23.0	0	23.7	23.9	0	24.7
		1	12	23.1	0	23.7	24.0	0	24.7
		1	24	22.9	0	23.7	23.9	0	24.7
		12	0	23.0	0	23.7	22.9	1	23.7
		12	7	23.0	0	23.7	23.0	1	23.7
		12	13	22.9	0	23.7	22.9	1	23.7
		25	0	23.0	0	23.7	22.9	1	23.7
	16QAM	1	0	23.0	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	23.0	1	23.7
		12	0	22.1	1	22.7	21.9	2	22.7
		12	7	22.1	1	22.7	22.0	2	22.7
		12	13	22.1	1	22.7	21.9	2	22.7
		25	0	22.0	1	22.7	22.0	2	22.7
	64QAM	1	0	22.2	1	22.7	22.2	2	22.7
		1	12	22.2	1	22.7	22.2	2	22.7
		1	24	22.1	1	22.7	22.1	2	22.7
		12	0	21.0	2	21.7	21.0	3	21.7
		12	7	21.1	2	21.7	21.0	3	21.7
		12	13	21.0	2	21.7	20.9	3	21.7
		25	0	21.0	2	21.7	21.0	3	21.7
	256QAM	1	0	19.0	4	19.7	18.9	5	19.7
		1	12	19.1	4	19.7	19.1	5	19.7
		1	24	19.0	4	19.7	19.0	5	19.7
		12	0	19.0	4	19.7	19.0	5	19.7
		12	7	19.1	4	19.7	19.0	5	19.7
		12	13	19.0	4	19.7	19.0	5	19.7
		25	0	19.0	4	19.7	19.0	5	19.7

LTE Band 25 Measured Results (ANT1)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26140	26365	26590	MPR	Tune-up Limit	26140	26365	26590	MPR	Tune-up Limit
				1860 MHz	1882.5 MHz	1905 MHz			1860 MHz	1882.5 MHz	1905 MHz		
20 MHz	QPSK	1	0	25.3	25.2	25.3	0	25.7	21.0	21.0	21.0	0	21.5
		1	49	25.3	25.4	25.3	0	25.7	21.0	21.1	21.0	0	21.5
		1	99	25.3	25.2	25.3	0	25.7	21.0	21.0	21.0	0	21.5
		50	0	24.4	24.3	24.3	1	24.7	21.0	21.0	20.9	0	21.5
		50	24	24.4	24.4	24.4	1	24.7	21.1	21.1	21.0	0	21.5
		50	50	24.4	24.3	24.4	1	24.7	21.0	21.0	20.7	0	21.5
		100	0	24.3	24.4	24.4	1	24.7	20.9	21.0	20.9	0	21.5
	16QAM	1	0	24.4	24.3	24.3	1	24.7	20.6	20.8	20.7	0	21.5
		1	49	24.6	24.5	24.6	1	24.7	20.7	21.0	21.0	0	21.5
		1	99	24.4	24.3	24.4	1	24.7	20.5	20.8	20.7	0	21.5
		50	0	23.2	23.0	23.1	2	23.7	20.3	20.4	20.4	0	21.5
		50	24	23.3	23.0	23.2	2	23.7	20.4	20.5	20.5	0	21.5
		50	50	23.2	23.0	23.1	2	23.7	20.4	20.5	20.4	0	21.5
		100	0	23.2	23.0	23.1	2	23.7	20.4	20.5	20.4	0	21.5
	64QAM	1	0	23.3	23.1	23.2	2	23.7	20.5	20.6	20.5	0	21.5
		1	49	23.4	23.4	23.4	2	23.7	20.7	20.7	20.6	0	21.5
		1	99	23.3	23.2	23.2	2	23.7	20.5	20.6	20.5	0	21.5
		50	0	22.1	22.0	22.0	3	22.7	20.3	20.5	20.4	0	21.5
		50	24	22.2	22.0	22.1	3	22.7	20.4	20.5	20.5	0	21.5
		50	50	22.2	22.0	22.1	3	22.7	20.4	20.5	20.4	0	21.5
		100	0	22.2	22.0	22.1	3	22.7	20.4	20.5	20.5	0	21.5
	256QAM	1	0	20.4	20.2	20.2	5	20.7	20.1	20.2	20.2	0.8	20.7
		1	49	20.4	20.2	20.2	5	20.7	20.1	20.2	20.1	0.8	20.7
		1	99	20.4	20.3	20.2	5	20.7	20.2	20.2	20.2	0.8	20.7
		50	0	20.1	20.1	20.0	5	20.7	19.9	20.0	20.0	0.8	20.7
		50	24	20.2	20.2	20.1	5	20.7	20.0	20.1	20.0	0.8	20.7
		50	50	20.2	20.2	20.1	5	20.7	20.0	20.1	20.0	0.8	20.7
		100	0	20.2	20.2	20.1	5	20.7	20.0	20.1	20.1	0.8	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26115	26365	26615	MPR	Tune-up Limit	26115	26365	26615	MPR	Tune-up Limit
				1857.5 MHz	1882.5 MHz	1907.5 MHz			1857.5 MHz	1882.5 MHz	1907.5 MHz		
15 MHz	QPSK	1	0	25.2	25.1	25.2	0	25.7	20.6	20.5	20.6	0	21.5
		1	37	25.2	25.2	25.2	0	25.7	20.5	20.5	20.5	0	21.5
		1	74	25.1	25.1	25.1	0	25.7	20.5	20.5	20.5	0	21.5
		36	0	24.2	24.2	24.2	1	24.7	20.6	20.5	20.5	0	21.5
		36	20	24.3	24.2	24.2	1	24.7	20.6	20.6	20.5	0	21.5
		36	39	24.2	24.2	24.2	1	24.7	20.6	20.5	20.6	0	21.5
		75	0	24.2	24.2	24.2	1	24.7	20.5	20.6	20.5	0	21.5
	16QAM	1	0	24.5	24.4	24.5	1	24.7	20.8	20.8	20.8	0	21.5
		1	37	24.6	24.5	24.5	1	24.7	20.9	20.8	20.9	0	21.5
		1	74	24.5	24.3	24.4	1	24.7	20.8	20.7	20.9	0	21.5
		36	0	23.3	23.2	23.2	2	23.7	20.6	20.5	20.6	0	21.5
		36	20	23.3	23.3	23.2	2	23.7	20.6	20.6	20.5	0	21.5
		36	39	23.2	23.2	23.2	2	23.7	20.6	20.6	20.6	0	21.5
		75	0	23.2	23.2	23.2	2	23.7	20.6	20.6	20.6	0	21.5
	64QAM	1	0	23.3	23.3	23.3	2	23.7	20.7	20.7	20.8	0	21.5
		1	37	23.4	23.3	23.3	2	23.7	20.7	20.7	20.8	0	21.5
		1	74	23.3	23.3	23.3	2	23.7	20.6	20.6	20.7	0	21.5
		36	0	22.3	22.1	22.2	3	22.7	20.6	20.5	20.6	0	21.5
		36	20	22.2	22.2	22.2	3	22.7	20.6	20.6	20.6	0	21.5
		36	39	22.2	22.2	22.3	3	22.7	20.6	20.6	20.6	0	21.5
		75	0	22.2	22.2	22.2	3	22.7	20.6	20.6	20.6	0	21.5
	256QAM	1	0	20.3	20.3	20.3	5	20.7	20.2	20.2	20.3	0.8	20.7
		1	37	20.3	20.3	20.4	5	20.7	20.2	20.2	20.3	0.8	20.7
		1	74	20.4	20.2	20.3	5	20.7	20.2	20.1	20.3	0.8	20.7
		36	0	20.2	20.1	20.2	5	20.7	20.2	20.1	20.1	0.8	20.7
		36	20	20.2	20.2	20.2	5	20.7	20.2	20.2	20.2	0.8	20.7
		36	39	20.2	20.2	20.2	5	20.7	20.2	20.2	20.2	0.8	20.7
		75	0	20.2	20.2	20.2	5	20.7	20.2	20.2	20.1	0.8	20.7

LTE Band 25 Measured Results (ANT1) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				26090	26365	26640			26090	26365	26640		
				1855 MHz	1882.5 MHz	1910 MHz			1855 MHz	1882.5 MHz	1910 MHz		
10 MHz	QPSK	1	0	25.3	25.2	25.3	0	25.7	20.6	20.6	20.6	0	21.5
		1	25	25.3	25.3	25.3	0	25.7	20.6	20.6	20.6	0	21.5
		1	49	25.3	25.2	25.3	0	25.7	20.6	20.6	20.6	0	21.5
		25	0	24.4	24.3	24.3	1	24.7	20.7	20.6	20.6	0	21.5
		25	12	24.4	24.4	24.4	1	24.7	20.7	20.7	20.7	0	21.5
		25	25	24.4	24.3	24.4	1	24.7	20.7	20.7	20.7	0	21.5
		50	0	24.3	24.4	24.4	1	24.7	20.7	20.7	20.7	0	21.5
	16QAM	1	0	24.6	24.6	24.6	1	24.7	21.0	20.9	21.0	0	21.5
		1	25	24.6	24.6	24.7	1	24.7	21.0	20.8	21.0	0	21.5
		1	49	24.6	24.6	24.7	1	24.7	21.0	21.0	21.1	0	21.5
		25	0	23.4	23.3	23.4	2	23.7	20.7	20.6	20.7	0	21.5
		25	12	23.4	23.4	23.5	2	23.7	20.7	20.7	20.8	0	21.5
		25	25	23.3	23.4	23.4	2	23.7	20.7	20.7	20.8	0	21.5
		50	0	23.4	23.4	23.4	2	23.7	20.7	20.7	20.7	0	21.5
	64QAM	1	0	23.4	23.4	23.4	2	23.7	20.7	20.8	20.9	0	21.5
		1	25	23.4	23.5	23.5	2	23.7	20.8	20.8	20.9	0	21.5
		1	49	23.4	23.5	23.4	2	23.7	20.7	20.7	20.8	0	21.5
		25	0	22.3	22.3	22.3	3	22.7	20.7	20.6	20.7	0	21.5
		25	12	22.3	22.4	22.4	3	22.7	20.7	20.7	20.8	0	21.5
		25	25	22.3	22.3	22.4	3	22.7	20.7	20.7	20.8	0	21.5
		50	0	22.3	22.4	22.4	3	22.7	20.7	20.7	20.7	0	21.5
	256QAM	1	0	20.4	20.3	20.4	5	20.7	20.3	20.3	20.3	0.8	20.7
		1	25	20.4	20.4	20.5	5	20.7	20.4	20.4	20.4	0.8	20.7
		1	49	20.4	20.4	20.4	5	20.7	20.3	20.3	20.3	0.8	20.7
		25	0	20.3	20.3	20.3	5	20.7	20.3	20.2	20.3	0.8	20.7
		25	12	20.3	20.4	20.4	5	20.7	20.3	20.3	20.4	0.8	20.7
		25	25	20.3	20.3	20.4	5	20.7	20.3	20.3	20.3	0.8	20.7
		50	0	20.3	20.3	20.4	5	20.7	20.3	20.3	20.3	0.8	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				26065	26365	26665			26065	26365	26665		
				1852.5 MHz	1882.5 MHz	1912.5 MHz			1852.5 MHz	1882.5 MHz	1912.5 MHz		
5 MHz	QPSK	1	0	25.3	25.3	25.3	0	25.7	20.6	20.6	20.6	0	21.5
		1	12	25.4	25.3	25.4	0	25.7	20.7	20.7	20.8	0	21.5
		1	24	25.3	25.3	25.3	0	25.7	20.7	20.6	20.6	0	21.5
		12	0	24.3	24.2	24.3	1	24.7	20.7	20.6	20.6	0	21.5
		12	7	24.3	24.3	24.3	1	24.7	20.7	20.7	20.7	0	21.5
		12	13	24.3	24.3	24.3	1	24.7	20.7	20.7	20.7	0	21.5
		25	0	24.3	24.3	24.3	1	24.7	20.7	20.6	20.6	0	21.5
	16QAM	1	0	24.7	24.7	24.6	1	24.7	21.0	21.0	21.0	0	21.5
		1	12	24.7	24.7	24.7	1	24.7	21.0	21.0	21.0	0	21.5
		1	24	24.7	24.7	24.6	1	24.7	21.0	21.0	21.0	0	21.5
		12	0	23.4	23.4	23.3	2	23.7	20.7	20.6	20.8	0	21.5
		12	7	23.4	23.4	23.3	2	23.7	20.7	20.7	20.8	0	21.5
		12	13	23.4	23.4	23.3	2	23.7	20.7	20.7	20.8	0	21.5
		25	0	23.3	23.3	23.3	2	23.7	20.7	20.7	20.7	0	21.5
	64QAM	1	0	23.5	23.4	23.5	2	23.7	20.8	20.8	20.8	0	21.5
		1	12	23.5	23.5	23.5	2	23.7	20.8	20.8	20.9	0	21.5
		1	24	23.4	23.5	23.5	2	23.7	20.8	20.8	20.8	0	21.5
		12	0	22.3	22.3	22.3	3	22.7	20.7	20.6	20.7	0	21.5
		12	7	22.3	22.4	22.3	3	22.7	20.7	20.7	20.7	0	21.5
		12	13	22.3	22.3	22.4	3	22.7	20.7	20.7	20.7	0	21.5
		25	0	22.3	22.3	22.3	3	22.7	20.7	20.7	20.7	0	21.5
	256QAM	1	0	20.5	20.3	20.4	5	20.7	20.4	20.3	20.4	0.8	20.7
		1	12	20.5	20.4	20.4	5	20.7	20.5	20.4	20.4	0.8	20.7
		1	24	20.6	20.4	20.4	5	20.7	20.4	20.5	20.4	0.8	20.7
		12	0	20.4	20.3	20.3	5	20.7	20.3	20.2	20.3	0.8	20.7
		12	7	20.4	20.3	20.3	5	20.7	20.3	20.3	20.3	0.8	20.7
		12	13	20.3	20.3	20.4	5	20.7	20.3	20.2	20.3	0.8	20.7
		25	0	20.3	20.3	20.3	5	20.7	20.3	20.3	20.3	0.8	20.7

LTE Band 25 Measured Results (ANT1) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				26055	26365	26675			26055	26365	26675		
				1851.5 MHz	1882.5 MHz	1913.5 MHz			1851.5 MHz	1882.5 MHz	1913.5 MHz		
3 MHz	QPSK	1	0	25.3	25.2	25.3	0	25.7	20.6	20.6	20.6	0	21.5
		1	8	25.3	25.3	25.4	0	25.7	20.6	20.6	20.7	0	21.5
		1	14	25.2	25.2	25.3	0	25.7	20.6	20.5	20.6	0	21.5
		8	0	24.3	24.3	24.3	1	24.7	20.7	20.6	20.6	0	21.5
		8	4	24.3	24.3	24.4	1	24.7	20.7	20.7	20.7	0	21.5
		8	7	24.3	24.3	24.4	1	24.7	20.7	20.7	20.7	0	21.5
		15	0	24.3	24.3	24.3	1	24.7	20.6	20.6	20.7	0	21.5
	16QAM	1	0	24.6	24.6	24.6	1	24.7	20.9	20.9	21.0	0	21.5
		1	8	24.6	24.6	24.7	1	24.7	21.0	21.0	21.1	0	21.5
		1	14	24.5	24.5	24.6	1	24.7	20.9	21.0	21.1	0	21.5
		8	0	23.4	23.3	23.4	2	23.7	20.7	20.7	20.7	0	21.5
		8	4	23.4	23.4	23.5	2	23.7	20.7	20.7	20.8	0	21.5
		8	7	23.4	23.3	23.5	2	23.7	20.7	20.7	20.8	0	21.5
		15	0	23.3	23.3	23.4	2	23.7	20.7	20.7	20.8	0	21.5
	64QAM	1	0	23.3	23.5	23.4	2	23.7	20.8	20.7	20.8	0	21.5
		1	8	23.4	23.5	23.5	2	23.7	20.8	20.8	20.9	0	21.5
		1	14	23.4	23.4	23.4	2	23.7	20.7	20.7	20.8	0	21.5
		8	0	22.3	22.3	22.3	3	22.7	20.7	20.7	20.6	0	21.5
		8	4	22.4	22.3	22.4	3	22.7	20.7	20.7	20.8	0	21.5
		8	7	22.4	22.3	22.4	3	22.7	20.7	20.7	20.7	0	21.5
		15	0	22.3	22.3	22.4	3	22.7	20.7	20.6	20.7	0	21.5
	256QAM	1	0	20.4	20.4	20.4	5	20.7	20.5	20.4	20.4	0.8	20.7
		1	8	20.5	20.5	20.5	5	20.7	20.4	20.4	20.5	0.8	20.7
		1	14	20.4	20.4	20.4	5	20.7	20.4	20.4	20.4	0.8	20.7
		8	0	20.3	20.3	20.2	5	20.7	20.2	20.2	20.2	0.8	20.7
		8	4	20.3	20.3	20.3	5	20.7	20.3	20.3	20.3	0.8	20.7
		8	7	20.3	20.3	20.3	5	20.7	20.3	20.3	20.3	0.8	20.7
		15	0	20.3	20.3	20.3	5	20.7	20.3	20.3	20.3	0.8	20.7
BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				26047	26365	26683			26047	26365	26683		
				1850.7 MHz	1882.5 MHz	1914.3 MHz			1850.7 MHz	1882.5 MHz	1914.3 MHz		
1.4 MHz	QPSK	1	0	25.2	25.2	25.3	0	25.7	20.7	20.6	20.4	0	21.5
		1	3	25.3	25.3	25.3	0	25.7	20.7	20.6	20.5	0	21.5
		1	5	25.2	25.2	25.3	0	25.7	20.6	20.6	20.4	0	21.5
		3	0	25.2	25.2	25.3	0	25.7	20.6	20.6	20.4	0	21.5
		3	1	25.2	25.2	25.3	0	25.7	20.6	20.6	20.5	0	21.5
		3	3	25.2	25.3	25.3	0	25.7	20.6	20.6	20.5	0	21.5
		6	0	24.2	24.2	24.2	1	24.7	20.6	20.6	20.4	0	21.5
	16QAM	1	0	24.7	24.6	24.7	1	24.7	21.0	20.9	20.7	0	21.5
		1	3	24.7	24.6	24.7	1	24.7	21.0	21.0	20.7	0	21.5
		1	5	24.6	24.6	24.7	1	24.7	21.0	20.9	20.8	0	21.5
		3	0	24.5	24.4	24.5	1	24.7	20.8	20.8	20.6	0	21.5
		3	1	24.5	24.5	24.5	1	24.7	20.8	20.8	20.6	0	21.5
		3	3	24.5	24.5	24.5	1	24.7	20.8	20.8	20.7	0	21.5
		6	0	23.4	23.3	23.3	2	23.7	20.7	20.7	20.5	0	21.5
	64QAM	1	0	23.5	23.3	23.5	2	23.7	20.8	20.8	20.4	0	21.5
		1	3	23.6	23.4	23.5	2	23.7	20.8	20.7	20.4	0	21.5
		1	5	23.5	23.3	23.6	2	23.7	20.8	20.7	20.4	0	21.5
		3	0	23.4	23.4	23.4	2	23.7	20.6	20.7	20.6	0	21.5
		3	1	23.4	23.3	23.4	2	23.7	20.6	20.7	20.6	0	21.5
		3	3	23.4	23.4	23.5	2	23.7	20.7	20.7	20.6	0	21.5
		6	0	22.3	22.3	22.3	3	22.7	20.6	20.7	20.4	0	21.5
	256QAM	1	0	20.3	20.3	20.4	5	20.7	20.4	20.3	20.3	0.8	20.7
		1	3	20.4	20.4	20.4	5	20.7	20.5	20.2	20.3	0.8	20.7
		1	5	20.3	20.3	20.4	5	20.7	20.4	20.2	20.4	0.8	20.7
		3	0	20.3	20.3	20.3	5	20.7	20.3	20.2	20.2	0.8	20.7
		3	1	20.4	20.3	20.3	5	20.7	20.2	20.2	20.3	0.8	20.7
		3	3	20.4	20.3	20.3	5	20.7	20.2	20.2	20.3	0.8	20.7
		6	0	20.2	20.4	20.3	5	20.7	20.1	20.2	20.2	0.8	20.7

LTE Band 25 Measured Results (ANT2)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26140	26365	26590	MPR	Tune-up Limit	26140	26365	26590	MPR	Tune-up Limit
				1860 MHz	1882.5 MHz	1905 MHz			1860 MHz	1882.5 MHz	1905 MHz		
20 MHz	QPSK	1	0	18.1	18.2	18.1	0.0	18.9	18.7	18.8	18.7	0.0	19.5
		1	49	18.2	18.3	18.3	0.0	18.9	18.8	18.9	18.9	0.0	19.5
		1	99	18.1	18.2	18.2	0.0	18.9	18.7	18.8	18.8	0.0	19.5
		50	0	18.0	18.0	18.1	0.0	18.9	18.6	18.6	18.7	0.0	19.5
		50	24	18.1	18.2	18.1	0.0	18.9	18.7	18.8	18.7	0.0	19.5
		50	50	18.0	18.0	18.1	0.0	18.9	18.6	18.6	18.7	0.0	19.5
		100	0	18.0	18.1	18.0	0.0	18.9	18.6	18.7	18.6	0.0	19.5
	16QAM	1	0	17.8	17.9	17.9	0.0	18.9	18.4	18.5	18.5	0.0	19.5
		1	49	18.0	18.1	18.0	0.0	18.9	18.6	18.7	18.6	0.0	19.5
		1	99	17.7	17.9	17.9	0.0	18.9	18.3	18.5	18.5	0.0	19.5
		50	0	17.6	17.7	17.7	0.0	18.9	18.2	18.3	18.3	0.0	19.5
		50	24	17.7	17.7	17.7	0.0	18.9	18.3	18.3	18.3	0.0	19.5
		50	50	17.6	17.7	17.7	0.0	18.9	18.2	18.3	18.3	0.0	19.5
		100	0	17.6	17.7	17.7	0.0	18.9	18.2	18.3	18.3	0.0	19.5
	64QAM	1	0	17.7	17.8	17.8	0.0	18.9	18.3	18.4	18.4	0.0	19.5
		1	49	17.8	17.9	17.9	0.0	18.9	18.4	18.5	18.5	0.0	19.5
		1	99	17.6	17.8	17.8	0.0	18.9	18.2	18.4	18.4	0.0	19.5
		50	0	17.6	17.6	17.7	0.0	18.9	18.2	18.2	18.3	0.0	19.5
		50	24	17.6	17.7	17.7	0.0	18.9	18.2	18.3	18.3	0.0	19.5
		50	50	17.6	17.7	17.7	0.0	18.9	18.2	18.3	18.3	0.0	19.5
		100	0	17.6	17.7	17.7	0.0	18.9	18.2	18.3	18.3	0.0	19.5
	256QAM	1	0	17.4	17.5	17.5	0.5	18.4	17.4	17.5	17.5	1.1	18.4
		1	49	17.4	17.5	17.5	0.5	18.4	17.4	17.6	17.5	1.1	18.4
		1	99	17.4	17.5	17.5	0.5	18.4	17.5	17.5	17.5	1.1	18.4
		50	0	17.2	17.3	17.3	0.5	18.4	17.2	17.3	17.3	1.1	18.4
		50	24	17.3	17.3	17.3	0.5	18.4	17.3	17.4	17.3	1.1	18.4
		50	50	17.2	17.3	17.3	0.5	18.4	17.3	17.3	17.3	1.1	18.4
		100	0	17.2	17.3	17.3	0.5	18.4	17.3	17.3	17.3	1.1	18.4
BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26115	26365	26615	MPR	Tune-up Limit	26115	26365	26615	MPR	Tune-up Limit
				1857.5 MHz	1882.5 MHz	1907.5 MHz			1857.5 MHz	1882.5 MHz	1907.5 MHz		
15 MHz	QPSK	1	0	17.6	17.6	17.7	0.0	18.9	18.2	18.2	18.3	0.0	19.5
		1	37	17.6	17.6	17.6	0.0	18.9	18.2	18.2	18.2	0.0	19.5
		1	74	17.5	17.6	17.6	0.0	18.9	18.1	18.2	18.2	0.0	19.5
		36	0	17.6	17.7	17.6	0.0	18.9	18.2	18.3	18.2	0.0	19.5
		36	20	17.7	17.7	17.7	0.0	18.9	18.3	18.3	18.3	0.0	19.5
		36	39	17.6	17.7	17.7	0.0	18.9	18.2	18.3	18.3	0.0	19.5
		75	0	17.6	17.9	17.7	0.0	18.9	18.2	18.5	18.3	0.0	19.5
	16QAM	1	0	17.8	18.0	17.9	0.0	18.9	18.4	18.6	18.5	0.0	19.5
		1	37	17.9	17.9	18.0	0.0	18.9	18.5	18.5	18.6	0.0	19.5
		1	74	17.8	17.6	17.9	0.0	18.9	18.4	18.2	18.5	0.0	19.5
		36	0	17.6	17.7	17.7	0.0	18.9	18.2	18.3	18.3	0.0	19.5
		36	20	17.7	17.7	17.8	0.0	18.9	18.3	18.3	18.4	0.0	19.5
		36	39	17.7	17.7	17.7	0.0	18.9	18.3	18.3	18.3	0.0	19.5
		75	0	17.6	17.7	17.7	0.0	18.9	18.2	18.3	18.3	0.0	19.5
	64QAM	1	0	17.8	17.7	17.8	0.0	18.9	18.4	18.3	18.4	0.0	19.5
		1	37	17.8	17.6	17.8	0.0	18.9	18.4	18.2	18.4	0.0	19.5
		1	74	17.8	17.6	17.8	0.0	18.9	18.4	18.2	18.4	0.0	19.5
		36	0	17.6	17.7	17.6	0.0	18.9	18.2	18.3	18.2	0.0	19.5
		36	20	17.7	17.7	17.7	0.0	18.9	18.3	18.3	18.3	0.0	19.5
		36	39	17.6	17.7	17.7	0.0	18.9	18.2	18.3	18.3	0.0	19.5
		75	0	17.6	17.6	17.7	0.0	18.9	18.2	18.2	18.3	0.0	19.5
	256QAM	1	0	17.2	17.3	17.3	0.5	18.4	17.3	17.2	17.3	1.1	18.4
		1	37	17.3	17.2	17.3	0.5	18.4	17.3	17.2	17.3	1.1	18.4
		1	74	17.2	17.2	17.3	0.5	18.4	17.2	17.2	17.2	1.1	18.4
		36	0	17.2	17.3	17.2	0.5	18.4	17.1	17.1	17.2	1.1	18.4
		36	20	17.3	17.3	17.3	0.5	18.4	17.2	17.2	17.3	1.1	18.4
		36	39	17.3	17.3	17.3	0.5	18.4	17.2	17.2	17.3	1.1	18.4
		75	0	17.2	17.2	17.3	0.5	18.4	17.2	17.2	17.3	1.1	18.4

LTE Band 25 Measured Results (ANT2) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				26090	26365	26640			26090	26365	26640		
				1855 MHz	1882.5 MHz	1910 MHz			1855 MHz	1882.5 MHz	1910 MHz		
10 MHz	QPSK	1	0	17.6	17.7	17.8	0.0	18.9	18.3	18.4	18.4	0.0	19.5
		1	25	17.7	17.7	17.8	0.0	18.9	18.3	18.3	18.4	0.0	19.5
		1	49	17.6	17.7	17.8	0.0	18.9	18.3	18.3	18.4	0.0	19.5
		25	0	17.8	17.7	17.8	0.0	18.9	18.4	18.4	18.4	0.0	19.5
		25	12	17.8	17.8	17.9	0.0	18.9	18.4	18.4	18.5	0.0	19.5
		25	25	17.7	17.8	17.8	0.0	18.9	18.4	18.4	18.5	0.0	19.5
		50	0	17.7	17.8	17.9	0.0	18.9	18.4	18.4	18.5	0.0	19.5
	16QAM	1	0	18.0	18.0	18.1	0.0	18.9	18.7	18.6	18.8	0.0	19.5
		1	25	17.9	18.0	18.1	0.0	18.9	18.6	18.6	18.7	0.0	19.5
		1	49	18.0	18.0	18.1	0.0	18.9	18.6	18.6	18.8	0.0	19.5
		25	0	17.8	17.8	17.8	0.0	18.9	18.4	18.4	18.5	0.0	19.5
		25	12	17.8	17.9	17.9	0.0	18.9	18.5	18.5	18.5	0.0	19.5
		25	25	17.8	17.8	17.8	0.0	18.9	18.4	18.5	18.5	0.0	19.5
		50	0	17.8	17.9	17.9	0.0	18.9	18.4	18.4	18.5	0.0	19.5
	64QAM	1	0	17.9	17.9	18.0	0.0	18.9	18.5	18.5	18.5	0.0	19.5
		1	25	17.9	17.9	18.0	0.0	18.9	18.6	18.5	18.6	0.0	19.5
		1	49	17.8	17.9	17.9	0.0	18.9	18.5	18.5	18.5	0.0	19.5
		25	0	17.8	17.7	17.7	0.0	18.9	18.4	18.4	18.4	0.0	19.5
		25	12	17.8	17.8	17.8	0.0	18.9	18.4	18.5	18.5	0.0	19.5
		25	25	17.7	17.8	17.8	0.0	18.9	18.4	18.4	18.5	0.0	19.5
		50	0	17.7	17.8	17.8	0.0	18.9	18.4	18.4	18.5	0.0	19.5
	256QAM	1	0	17.3	17.4	17.4	0.5	18.4	17.3	17.4	17.3	1.1	18.4
		1	25	17.4	17.4	17.4	0.5	18.4	17.4	17.5	17.5	1.1	18.4
		1	49	17.3	17.4	17.4	0.5	18.4	17.3	17.4	17.4	1.1	18.4
		25	0	17.3	17.3	17.3	0.5	18.4	17.3	17.3	17.3	1.1	18.4
		25	12	17.4	17.4	17.4	0.5	18.4	17.3	17.3	17.4	1.1	18.4
		25	25	17.3	17.4	17.4	0.5	18.4	17.3	17.3	17.4	1.1	18.4
		50	0	17.3	17.4	17.4	0.5	18.4	17.3	17.3	17.4	1.1	18.4

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				26065	26365	26665			26065	26365	26665		
				1852.5 MHz	1882.5 MHz	1912.5 MHz			1852.5 MHz	1882.5 MHz	1912.5 MHz		
5 MHz	QPSK	1	0	17.7	17.7	17.7	0.0	18.9	18.3	18.3	18.3	0.0	19.5
		1	12	17.7	17.7	17.8	0.0	18.9	18.3	18.3	18.4	0.0	19.5
		1	24	17.7	17.7	17.7	0.0	18.9	18.3	18.3	18.3	0.0	19.5
		12	0	17.7	17.7	17.7	0.0	18.9	18.3	18.3	18.3	0.0	19.5
		12	7	17.7	17.7	17.7	0.0	18.9	18.3	18.3	18.3	0.0	19.5
		12	13	17.7	17.7	17.8	0.0	18.9	18.3	18.3	18.4	0.0	19.5
		25	0	17.7	17.7	17.7	0.0	18.9	18.3	18.3	18.3	0.0	19.5
	16QAM	1	0	18.1	18.2	18.1	0.0	18.9	18.7	18.8	18.7	0.0	19.5
		1	12	18.1	18.2	18.3	0.0	18.9	18.7	18.8	18.9	0.0	19.5
		1	24	18.1	18.2	18.2	0.0	18.9	18.7	18.8	18.8	0.0	19.5
		12	0	17.8	17.7	17.8	0.0	18.9	18.4	18.3	18.4	0.0	19.5
		12	7	17.8	17.8	17.8	0.0	18.9	18.4	18.4	18.4	0.0	19.5
		12	13	17.8	17.8	17.9	0.0	18.9	18.4	18.4	18.5	0.0	19.5
		25	0	17.7	17.8	17.7	0.0	18.9	18.3	18.4	18.3	0.0	19.5
	64QAM	1	0	17.9	17.8	17.9	0.0	18.9	18.5	18.4	18.5	0.0	19.5
		1	12	17.9	17.8	18.0	0.0	18.9	18.5	18.4	18.6	0.0	19.5
		1	24	17.9	17.8	17.9	0.0	18.9	18.5	18.4	18.5	0.0	19.5
		12	0	17.7	17.7	17.7	0.0	18.9	18.3	18.3	18.3	0.0	19.5
		12	7	17.7	17.8	17.8	0.0	18.9	18.3	18.4	18.4	0.0	19.5
		12	13	17.7	17.7	17.8	0.0	18.9	18.3	18.3	18.4	0.0	19.5
		25	0	17.7	17.7	17.7	0.0	18.9	18.3	18.3	18.3	0.0	19.5
	256QAM	1	0	17.4	17.4	17.5	0.5	18.4	17.4	17.4	17.4	1.1	18.4
		1	12	17.4	17.5	17.5	0.5	18.4	17.4	17.4	17.4	1.1	18.4
		1	24	17.4	17.5	17.5	0.5	18.4	17.4	17.4	17.5	1.1	18.4
		12	0	17.3	17.2	17.3	0.5	18.4	17.3	17.3	17.3	1.1	18.4
		12	7	17.3	17.3	17.4	0.5	18.4	17.3	17.3	17.3	1.1	18.4
		12	13	17.3	17.3	17.4	0.5	18.4	17.3	17.3	17.3	1.1	18.4
		25	0	17.3	17.3	17.3	0.5	18.4	17.3	17.3	17.2	1.1	18.4

LTE Band 25 Measured Results (ANT2) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				26055	26365	26675			26055	26365	26675		
				1851.5 MHz	1882.5 MHz	1913.5 MHz			1851.5 MHz	1882.5 MHz	1913.5 MHz		
3 MHz	QPSK	1	0	17.6	17.6	17.7	0.0	18.9	18.2	18.2	18.3	0.0	19.5
		1	8	17.7	17.7	17.7	0.0	18.9	18.3	18.3	18.3	0.0	19.5
		1	14	17.6	17.6	17.7	0.0	18.9	18.2	18.2	18.3	0.0	19.5
		8	0	17.7	17.7	17.7	0.0	18.9	18.3	18.3	18.3	0.0	19.5
		8	4	17.7	17.7	17.8	0.0	18.9	18.3	18.3	18.4	0.0	19.5
		8	7	17.7	17.7	17.8	0.0	18.9	18.3	18.3	18.4	0.0	19.5
		15	0	17.7	17.7	17.7	0.0	18.9	18.3	18.3	18.3	0.0	19.5
	16QAM	1	0	17.9	18.0	18.0	0.0	18.9	18.5	18.6	18.6	0.0	19.5
		1	8	18.0	18.1	18.1	0.0	18.9	18.6	18.7	18.7	0.0	19.5
		1	14	17.9	18.0	18.0	0.0	18.9	18.5	18.6	18.6	0.0	19.5
		8	0	17.8	17.8	17.8	0.0	18.9	18.4	18.4	18.4	0.0	19.5
		8	4	17.8	17.9	17.8	0.0	18.9	18.4	18.5	18.4	0.0	19.5
		8	7	17.8	17.9	17.8	0.0	18.9	18.4	18.5	18.4	0.0	19.5
		15	0	17.7	17.8	17.8	0.0	18.9	18.3	18.4	18.4	0.0	19.5
	64QAM	1	0	17.8	17.8	17.9	0.0	18.9	18.4	18.4	18.5	0.0	19.5
		1	8	17.9	17.8	17.9	0.0	18.9	18.5	18.4	18.5	0.0	19.5
		1	14	17.8	17.8	17.9	0.0	18.9	18.4	18.4	18.5	0.0	19.5
		8	0	17.7	17.7	17.8	0.0	18.9	18.3	18.3	18.4	0.0	19.5
		8	4	17.8	17.8	17.8	0.0	18.9	18.4	18.4	18.4	0.0	19.5
		8	7	17.7	17.8	17.8	0.0	18.9	18.3	18.4	18.4	0.0	19.5
		15	0	17.7	17.7	17.8	0.0	18.9	18.3	18.3	18.4	0.0	19.5
	256QAM	1	0	17.3	17.4	17.5	0.5	18.4	17.3	17.5	17.5	1.1	18.4
		1	8	17.4	17.5	17.5	0.5	18.4	17.4	17.5	17.5	1.1	18.4
		1	14	17.4	17.4	17.5	0.5	18.4	17.4	17.5	17.4	1.1	18.4
		8	0	17.3	17.3	17.4	0.5	18.4	17.3	17.3	17.4	1.1	18.4
		8	4	17.3	17.3	17.4	0.5	18.4	17.3	17.4	17.4	1.1	18.4
		8	7	17.3	17.4	17.4	0.5	18.4	17.3	17.4	17.4	1.1	18.4
		15	0	17.3	17.3	17.4	0.5	18.4	17.3	17.3	17.4	1.1	18.4
BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				26047	26365	26683			26047	26365	26683		
				1850.7 MHz	1882.5 MHz	1914.3 MHz			1850.7 MHz	1882.5 MHz	1914.3 MHz		
1.4 MHz	QPSK	1	0	17.6	17.6	17.7	0.0	18.9	18.2	18.2	18.3	0.0	19.5
		1	3	17.6	17.7	17.7	0.0	18.9	18.2	18.3	18.3	0.0	19.5
		1	5	17.6	17.6	17.7	0.0	18.9	18.2	18.2	18.3	0.0	19.5
		3	0	17.6	17.6	17.7	0.0	18.9	18.2	18.2	18.3	0.0	19.5
		3	1	17.6	17.6	17.7	0.0	18.9	18.2	18.2	18.3	0.0	19.5
		3	3	17.6	17.6	17.7	0.0	18.9	18.2	18.2	18.3	0.0	19.5
		6	0	17.6	17.6	17.6	0.0	18.9	18.2	18.2	18.2	0.0	19.5
	16QAM	1	0	18.0	17.9	18.0	0.0	18.9	18.6	18.5	18.6	0.0	19.5
		1	3	18.1	17.9	18.1	0.0	18.9	18.7	18.5	18.7	0.0	19.5
		1	5	18.0	17.9	18.1	0.0	18.9	18.6	18.5	18.7	0.0	19.5
		3	0	17.9	17.8	17.9	0.0	18.9	18.5	18.4	18.5	0.0	19.5
		3	1	17.9	17.8	17.9	0.0	18.9	18.5	18.4	18.5	0.0	19.5
		3	3	17.9	17.9	17.9	0.0	18.9	18.5	18.5	18.5	0.0	19.5
		6	0	17.8	17.7	17.7	0.0	18.9	18.4	18.3	18.3	0.0	19.5
	64QAM	1	0	17.9	17.8	17.7	0.0	18.9	18.5	18.4	18.3	0.0	19.5
		1	3	17.9	17.8	17.8	0.0	18.9	18.5	18.4	18.4	0.0	19.5
		1	5	17.9	17.8	17.7	0.0	18.9	18.5	18.4	18.3	0.0	19.5
		3	0	17.6	17.7	17.8	0.0	18.9	18.2	18.3	18.4	0.0	19.5
		3	1	17.6	17.7	17.8	0.0	18.9	18.2	18.3	18.4	0.0	19.5
		3	3	17.6	17.7	17.8	0.0	18.9	18.2	18.3	18.4	0.0	19.5
		6	0	17.6	17.7	17.6	0.0	18.9	18.2	18.3	18.2	0.0	19.5
	256QAM	1	0	17.3	17.3	17.3	0.5	18.4	17.5	17.3	17.3	1.1	18.4
		1	3	17.4	17.3	17.3	0.5	18.4	17.5	17.4	17.4	1.1	18.4
		1	5	17.3	17.3	17.3	0.5	18.4	17.5	17.3	17.4	1.1	18.4
		3	0	17.3	17.3	17.2	0.5	18.4	17.3	17.3	17.2	1.1	18.4
		3	1	17.3	17.3	17.3	0.5	18.4	17.3	17.4	17.3	1.1	18.4
		3	3	17.3	17.3	17.3	0.5	18.4	17.3	17.4	17.3	1.1	18.4
		6	0	17.3	17.1	17.1	0.5	18.4	17.3	17.4	17.3	1.1	18.4

LTE Band 25 Measured Results (ANT3)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26140	26365	26590	MPR	Tune-up Limit	26140	26365	26590	MPR	Tune-up Limit
				1860 MHz	1882.5 MHz	1905 MHz			1860 MHz	1882.5 MHz	1905 MHz		
20 MHz	QPSK	1	0	24.9	25.0	24.7	0.0	25.1	18.8	19.0	19.1	0.0	19.7
		1	49	25.0	25.1	24.8	0.0	25.1	19.1	19.2	19.2	0.0	19.7
		1	99	25.0	25.1	24.7	0.0	25.1	19.0	19.0	19.1	0.0	19.7
		50	0	23.9	24.1	24.1	0.9	24.2	18.9	19.0	19.1	0.0	19.7
		50	24	24.1	24.2	24.2	0.9	24.2	19.1	19.2	19.2	0.0	19.7
		50	50	24.0	24.2	24.1	0.9	24.2	19.0	19.1	19.2	0.0	19.7
		100	0	24.0	24.2	24.2	0.9	24.2	19.0	19.2	19.2	0.0	19.7
	16QAM	1	0	24.2	24.2	24.1	0.9	24.2	19.0	19.2	19.2	0.0	19.7
		1	49	24.2	24.2	24.2	0.9	24.2	19.0	19.1	19.2	0.0	19.7
		1	99	24.0	24.1	24.1	0.9	24.2	19.0	19.1	19.2	0.0	19.7
		50	0	23.0	23.1	23.1	1.9	23.2	18.9	19.0	19.1	0.0	19.7
		50	24	23.1	23.2	23.1	1.9	23.2	19.0	19.1	19.2	0.0	19.7
		50	50	23.1	23.2	23.1	1.9	23.2	19.0	19.1	19.2	0.0	19.7
		100	0	23.1	23.2	23.1	1.9	23.2	19.0	19.1	19.2	0.0	19.7
	64QAM	1	0	23.2	23.2	23.1	1.9	23.2	19.1	19.2	19.2	0.0	19.7
		1	49	23.1	23.1	23.1	1.9	23.2	19.0	19.2	19.2	0.0	19.7
		1	99	23.2	23.1	23.1	1.9	23.2	19.2	19.2	19.2	0.0	19.7
		50	0	22.0	22.1	22.0	2.9	22.2	18.9	19.0	19.1	0.0	19.7
		50	24	22.1	22.2	22.1	2.9	22.2	19.1	19.1	19.0	0.0	19.7
		50	50	22.1	22.2	22.1	2.9	22.2	19.0	19.1	19.0	0.0	19.7
		100	0	22.1	22.2	22.1	2.9	22.2	19.0	19.1	19.2	0.0	19.7
	256QAM	1	0	20.1	20.2	20.2	4.9	20.2	19.0	19.2	19.2	0.0	19.7
		1	49	20.2	20.1	20.1	4.9	20.2	19.0	19.2	19.2	0.0	19.7
		1	99	20.1	20.2	20.2	4.9	20.2	19.1	19.0	19.0	0.0	19.7
		50	0	20.0	20.1	20.0	4.9	20.2	18.9	19.0	19.2	0.0	19.7
		50	24	20.1	20.2	20.1	4.9	20.2	19.0	19.1	19.1	0.0	19.7
		50	50	20.1	20.2	20.1	4.9	20.2	19.0	19.1	19.1	0.0	19.7
		100	0	20.1	20.2	20.1	4.9	20.2	19.0	19.1	19.1	0.0	19.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26115	26365	26615	MPR	Tune-up Limit	26115	26365	26615	MPR	Tune-up Limit
				1857.5 MHz	1882.5 MHz	1907.5 MHz			1857.5 MHz	1882.5 MHz	1907.5 MHz		
15 MHz	QPSK	1	0	25.1	25.0	24.1	0.0	25.1	18.9	18.9	19.1	0.0	19.7
		1	37	25.1	25.1	25.1	0.0	25.1	18.9	19.0	19.1	0.0	19.7
		1	74	25.1	25.1	25.1	0.0	25.1	19.0	19.0	19.2	0.0	19.7
		36	0	24.1	24.0	24.0	0.9	24.2	18.9	18.9	19.1	0.0	19.7
		36	20	24.1	24.2	24.0	0.9	24.2	19.0	19.1	19.2	0.0	19.7
		36	39	24.2	24.2	24.1	0.9	24.2	19.0	19.1	19.2	0.0	19.7
		75	0	24.1	24.1	24.0	0.9	24.2	18.9	19.0	19.1	0.0	19.7
	16QAM	1	0	24.1	24.1	24.1	0.9	24.2	19.0	19.1	19.2	0.0	19.7
		1	37	24.1	24.1	24.1	0.9	24.2	19.0	19.1	19.2	0.0	19.7
		1	74	24.2	24.1	24.1	0.9	24.2	19.0	19.1	19.2	0.0	19.7
		36	0	23.1	23.1	23.1	1.9	23.2	18.9	19.0	19.2	0.0	19.7
		36	20	23.2	23.2	23.1	1.9	23.2	19.0	19.1	19.2	0.0	19.7
		36	39	23.2	23.2	23.2	1.9	23.2	19.0	19.1	19.1	0.0	19.7
		75	0	23.1	23.2	23.1	1.9	23.2	19.0	19.1	19.2	0.0	19.7
	64QAM	1	0	23.2	23.2	23.2	1.9	23.2	19.1	19.1	19.2	0.0	19.7
		1	37	23.2	23.2	23.2	1.9	23.2	19.1	19.1	19.2	0.0	19.7
		1	74	23.2	23.2	23.1	1.9	23.2	19.1	19.1	19.2	0.0	19.7
		36	0	22.0	22.0	22.1	2.9	22.2	18.9	19.0	19.1	0.0	19.7
		36	20	22.1	22.2	22.1	2.9	22.2	19.0	19.1	19.2	0.0	19.7
		36	39	22.1	22.2	22.2	2.9	22.2	19.0	19.1	19.2	0.0	19.7
		75	0	22.1	22.1	22.1	2.9	22.2	19.0	19.1	19.2	0.0	19.7
	256QAM	1	0	20.1	20.1	20.2	4.9	20.2	18.9	19.1	19.2	0.0	19.7
		1	37	20.2	20.2	20.1	4.9	20.2	19.0	19.2	19.2	0.0	19.7
		1	74	20.2	20.2	20.2	4.9	20.2	19.0	19.2	19.2	0.0	19.7
		36	0	20.0	20.0	20.1	4.9	20.2	18.9	19.0	19.2	0.0	19.7
		36	20	20.1	20.2	20.1	4.9	20.2	19.0	19.1	19.2	0.0	19.7
		36	39	20.1	20.2	20.2	4.9	20.2	19.0	19.1	19.2	0.0	19.7
		75	0	20.1	20.1	20.1	4.9	20.2	19.0	19.0	19.2	0.0	19.7

LTE Band 25 Measured Results (ANT3) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				26090	26365	26640			26090	26365	26640		
				1855 MHz	1882.5 MHz	1910 MHz			1855 MHz	1882.5 MHz	1910 MHz		
10 MHz	QPSK	1	0	23.7	24.6	23.7	0.0	25.1	19.0	19.1	19.2	0.0	19.7
		1	25	24.7	24.7	24.7	0.0	25.1	19.0	19.1	19.2	0.0	19.7
		1	49	24.7	24.7	24.6	0.0	25.1	19.0	19.1	19.2	0.0	19.7
		25	0	23.6	23.6	23.6	0.9	24.2	19.1	19.1	19.1	0.0	19.7
		25	12	23.6	23.6	23.6	0.9	24.2	19.1	19.2	19.1	0.0	19.7
		25	25	23.7	23.7	23.7	0.9	24.2	19.1	19.2	19.1	0.0	19.7
		50	0	23.6	23.7	23.6	0.9	24.2	19.1	19.2	19.1	0.0	19.7
	16QAM	1	0	23.9	23.9	23.9	0.9	24.2	19.0	19.1	19.1	0.0	19.7
		1	25	23.9	23.9	23.9	0.9	24.2	19.0	19.1	19.1	0.0	19.7
		1	49	24.1	24.1	24.0	0.9	24.2	19.0	19.1	19.1	0.0	19.7
		25	0	22.6	22.6	22.6	1.9	23.2	19.1	19.1	19.1	0.0	19.7
		25	12	22.7	22.7	22.7	1.9	23.2	19.1	19.2	19.1	0.0	19.7
		25	25	22.7	22.7	22.7	1.9	23.2	19.1	19.2	19.1	0.0	19.7
		50	0	22.7	22.7	22.7	1.9	23.2	19.1	19.2	19.1	0.0	19.7
	64QAM	1	0	23.2	23.2	23.1	1.9	23.2	19.2	19.0	19.2	0.0	19.7
		1	25	23.2	23.2	23.2	1.9	23.2	19.2	19.0	19.2	0.0	19.7
		1	49	23.1	23.2	23.2	1.9	23.2	19.2	19.0	19.2	0.0	19.7
		25	0	22.2	22.2	22.2	2.9	22.2	19.1	19.1	19.2	0.0	19.7
		25	12	22.2	22.2	22.2	2.9	22.2	19.1	19.2	19.2	0.0	19.7
		25	25	22.2	22.2	22.2	2.9	22.2	19.1	19.2	19.2	0.0	19.7
		50	0	22.2	22.2	22.1	2.9	22.2	19.1	19.2	19.2	0.0	19.7
	256QAM	1	0	20.1	20.2	20.2	4.9	20.2	19.2	19.2	19.2	0.0	19.7
		1	25	20.2	20.2	20.2	4.9	20.2	19.2	19.0	19.2	0.0	19.7
		1	49	20.2	20.2	20.2	4.9	20.2	19.1	19.0	19.2	0.0	19.7
		25	0	20.2	20.1	20.1	4.9	20.2	19.1	19.1	19.2	0.0	19.7
		25	12	20.2	20.2	20.1	4.9	20.2	19.1	19.1	19.2	0.0	19.7
		25	25	20.2	20.2	20.2	4.9	20.2	19.1	19.2	19.2	0.0	19.7
		50	0	20.2	20.1	20.1	4.9	20.2	19.1	19.2	19.2	0.0	19.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				26065	26365	26665			26065	26365	26665		
				1852.5 MHz	1882.5 MHz	1912.5 MHz			1852.5 MHz	1882.5 MHz	1912.5 MHz		
5 MHz	QPSK	1	0	24.5	24.7	25.0	0.0	25.1	19.0	19.1	19.2	0.0	19.7
		1	12	24.6	24.9	25.1	0.0	25.1	19.1	19.2	19.2	0.0	19.7
		1	24	24.6	24.8	25.0	0.0	25.1	19.1	19.1	19.2	0.0	19.7
		12	0	23.5	23.7	24.0	0.9	24.2	19.1	19.1	19.2	0.0	19.7
		12	7	23.6	23.7	24.0	0.9	24.2	19.1	19.2	19.2	0.0	19.7
		12	13	23.5	23.8	24.0	0.9	24.2	19.0	19.1	19.2	0.0	19.7
		25	0	23.6	23.7	24.0	0.9	24.2	19.1	19.2	19.2	0.0	19.7
	16QAM	1	0	23.9	24.2	24.1	0.9	24.2	19.0	19.1	19.1	0.0	19.7
		1	12	23.9	24.2	24.2	0.9	24.2	19.0	19.1	19.1	0.0	19.7
		1	24	23.9	24.1	24.2	0.9	24.2	19.0	19.1	19.1	0.0	19.7
		12	0	22.5	22.7	23.1	1.9	23.2	19.2	19.2	19.1	0.0	19.7
		12	7	22.6	22.7	23.2	1.9	23.2	19.2	19.2	19.1	0.0	19.7
		12	13	22.6	22.8	23.1	1.9	23.2	19.2	19.2	19.1	0.0	19.7
		25	0	22.6	22.7	23.0	1.9	23.2	19.1	19.2	19.1	0.0	19.7
	64QAM	1	0	23.1	23.2	23.1	1.9	23.2	19.2	19.2	19.1	0.0	19.7
		1	12	23.1	23.2	23.2	1.9	23.2	19.1	19.0	19.1	0.0	19.7
		1	24	23.2	23.1	23.2	1.9	23.2	19.2	19.2	19.1	0.0	19.7
		12	0	22.2	22.1	22.2	2.9	22.2	19.1	19.1	19.1	0.0	19.7
		12	7	22.2	22.2	22.2	2.9	22.2	19.1	19.2	19.1	0.0	19.7
		12	13	22.2	22.2	22.2	2.9	22.2	19.1	19.2	19.1	0.0	19.7
		25	0	22.2	22.1	22.1	2.9	22.2	19.1	19.2	19.1	0.0	19.7
	256QAM	1	0	20.1	20.2	20.2	4.9	20.2	19.2	19.1	19.1	0.0	19.7
		1	12	20.1	20.1	20.2	4.9	20.2	19.2	19.1	19.1	0.0	19.7
		1	24	20.2	20.1	20.2	4.9	20.2	19.2	19.1	19.1	0.0	19.7
		12	0	20.2	20.1	20.1	4.9	20.2	19.1	19.1	19.1	0.0	19.7
		12	7	20.2	20.2	20.1	4.9	20.2	19.1	19.2	19.1	0.0	19.7
		12	13	20.1	20.2	20.2	4.9	20.2	19.1	19.2	19.1	0.0	19.7
		25	0	20.2	20.2	20.1	4.9	20.2	19.1	19.2	19.1	0.0	19.7

LTE Band 25 Measured Results (ANT3) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				26055	26365	26675			26055	26365	26675		
				1851.5 MHz	1882.5 MHz	1913.5 MHz			1851.5 MHz	1882.5 MHz	1913.5 MHz		
3 MHz	QPSK	1	0	24.5	24.7	25.0	0.0	25.1	19.0	19.0	19.2	0.0	19.7
		1	8	24.6	24.7	25.0	0.0	25.1	19.1	19.1	19.2	0.0	19.7
		1	14	24.5	24.7	25.0	0.0	25.1	19.0	19.0	19.2	0.0	19.7
		8	0	23.6	23.7	23.9	0.9	24.2	19.1	19.0	19.2	0.0	19.7
		8	4	23.6	23.7	24.0	0.9	24.2	19.1	19.1	19.2	0.0	19.7
		8	7	23.6	23.8	24.0	0.9	24.2	19.1	19.1	19.2	0.0	19.7
		15	0	23.6	23.7	24.0	0.9	24.2	19.0	19.1	19.2	0.0	19.7
	16QAM	1	0	23.8	24.1	24.1	0.9	24.2	19.0	19.1	19.1	0.0	19.7
		1	8	23.9	24.1	24.2	0.9	24.2	19.0	19.1	19.1	0.0	19.7
		1	14	23.8	24.1	24.1	0.9	24.2	19.0	19.1	19.1	0.0	19.7
		8	0	22.6	22.7	23.0	1.9	23.2	19.1	19.1	19.2	0.0	19.7
		8	4	22.7	22.8	23.1	1.9	23.2	19.1	19.2	19.2	0.0	19.7
		8	7	22.7	22.8	23.1	1.9	23.2	19.1	19.2	19.0	0.0	19.7
		15	0	22.6	22.7	23.0	1.9	23.2	19.1	19.1	19.2	0.0	19.7
	64QAM	1	0	23.2	23.1	23.2	1.9	23.2	19.2	19.2	19.1	0.0	19.7
		1	8	23.2	23.2	23.1	1.9	23.2	19.2	19.2	19.1	0.0	19.7
		1	14	23.2	23.2	23.2	1.9	23.2	19.2	19.2	19.1	0.0	19.7
		8	0	22.2	22.1	22.1	2.9	22.2	19.0	19.1	19.1	0.0	19.7
		8	4	22.2	22.2	22.2	2.9	22.2	19.1	19.2	19.1	0.0	19.7
		8	7	22.2	22.2	22.2	2.9	22.2	19.1	19.2	19.1	0.0	19.7
		15	0	22.2	22.1	22.1	2.9	22.2	19.1	19.1	19.1	0.0	19.7
	256QAM	1	0	20.1	20.1	20.2	4.9	20.2	19.1	19.1	19.1	0.0	19.7
		1	8	20.1	20.2	20.2	4.9	20.2	19.2	19.1	19.1	0.0	19.7
		1	14	20.1	20.1	20.1	4.9	20.2	19.1	19.2	19.1	0.0	19.7
		8	0	20.2	20.0	20.1	4.9	20.2	19.1	19.1	19.2	0.0	19.7
		8	4	20.2	20.1	20.1	4.9	20.2	19.1	19.2	19.2	0.0	19.7
		8	7	20.2	20.1	20.1	4.9	20.2	19.1	19.2	19.2	0.0	19.7
		15	0	20.1	20.2	20.1	4.9	20.2	19.1	19.1	19.2	0.0	19.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				26047	26365	26683			26047	26365	26683		
				1850.7 MHz	1882.5 MHz	1914.3 MHz			1850.7 MHz	1882.5 MHz	1914.3 MHz		
1.4 MHz	QPSK	1	0	25.1	24.6	23.7	0.0	25.1	19.0	19.1	19.2	0.0	19.7
		1	3	25.1	24.6	24.6	0.0	25.1	19.1	19.1	19.2	0.0	19.7
		1	5	25.1	24.7	24.7	0.0	25.1	19.0	19.1	19.2	0.0	19.7
		3	0	25.1	24.6	24.6	0.0	25.1	19.0	19.1	19.2	0.0	19.7
		3	1	25.1	24.6	24.6	0.0	25.1	19.0	19.1	19.2	0.0	19.7
		3	3	25.1	24.6	24.6	0.0	25.1	19.0	19.1	19.2	0.0	19.7
		6	0	24.1	24.1	24.1	0.9	24.2	19.0	19.1	19.2	0.0	19.7
	16QAM	1	0	24.0	24.0	23.9	0.9	24.2	19.0	19.1	19.2	0.0	19.7
		1	3	24.0	24.0	23.9	0.9	24.2	19.0	19.1	19.2	0.0	19.7
		1	5	24.0	24.0	23.9	0.9	24.2	19.0	19.1	19.2	0.0	19.7
		3	0	23.8	23.8	23.7	0.9	24.2	19.2	19.1	19.2	0.0	19.7
		3	1	23.8	23.8	23.8	0.9	24.2	19.2	19.1	19.2	0.0	19.7
		3	3	23.8	23.8	23.8	0.9	24.2	19.2	19.1	19.2	0.0	19.7
		6	0	23.2	23.2	23.2	1.9	23.2	19.1	19.2	19.2	0.0	19.7
	64QAM	1	0	23.1	23.0	23.0	1.9	23.2	19.1	19.2	19.2	0.0	19.7
		1	3	23.1	23.1	23.0	1.9	23.2	19.1	19.1	19.2	0.0	19.7
		1	5	23.1	23.0	23.0	1.9	23.2	19.1	19.2	19.2	0.0	19.7
		3	0	23.2	23.0	23.2	1.9	23.2	19.1	19.1	19.2	0.0	19.7
		3	1	23.2	23.1	23.2	1.9	23.2	19.1	19.2	19.2	0.0	19.7
		3	3	23.2	23.1	23.2	1.9	23.2	19.1	19.2	19.2	0.0	19.7
		6	0	22.1	22.0	22.1	2.9	22.2	19.1	19.1	19.2	0.0	19.7
	256QAM	1	0	20.2	20.0	20.2	4.9	20.2	19.2	19.2	19.2	0.0	19.7
		1	3	20.1	20.0	20.2	4.9	20.2	19.2	19.2	19.2	0.0	19.7
		1	5	20.2	20.0	20.2	4.9	20.2	19.1	19.1	19.2	0.0	19.7
		3	0	20.2	20.2	20.1	4.9	20.2	19.1	19.1	19.2	0.0	19.7
		3	1	20.2	20.2	20.1	4.9	20.2	19.1	19.1	19.2	0.0	19.7
		3	3	20.2	20.2	20.2	4.9	20.2	19.1	19.1	19.2	0.0	19.7
		6	0	20.1	20.2	20.0	4.9	20.2	19.1	19.1	19.2	0.0	19.7

LTE Band 25 Measured Results (ANT4)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26140	26365	26590	MPR	Tune-up Limit	26140	26365	26590	MPR	Tune-up Limit
				1860 MHz	1882.5 MHz	1905 MHz			1860 MHz	1882.5 MHz	1905 MHz		
20 MHz	QPSK	1	0	19.3	19.4	19.4	0.0	19.9	19.3	19.4	19.4	0.0	20.1
		1	49	19.5	19.6	19.6	0.0	19.9	19.5	19.6	19.6	0.0	20.1
		1	99	19.4	19.5	19.4	0.0	19.9	19.4	19.5	19.4	0.0	20.1
		50	0	19.1	19.3	19.4	0.0	19.9	19.1	19.3	19.4	0.0	20.1
		50	24	19.4	19.6	19.6	0.0	19.9	19.4	19.6	19.6	0.0	20.1
		50	50	19.3	19.2	19.5	0.0	19.9	19.3	19.2	19.5	0.0	20.1
		100	0	19.3	19.4	19.3	0.0	19.9	19.3	19.4	19.3	0.0	20.1
	16QAM	1	0	19.1	19.3	19.4	0.0	19.9	19.1	19.3	19.4	0.0	20.1
		1	49	19.3	19.6	19.5	0.0	19.9	19.3	19.6	19.5	0.0	20.1
		1	99	19.1	19.2	19.3	0.0	19.9	19.1	19.2	19.3	0.0	20.1
		50	0	18.9	18.9	19.0	0.0	19.9	18.9	18.9	19.0	0.0	20.1
		50	24	19.0	19.0	19.0	0.0	19.9	19.0	19.0	19.0	0.0	20.1
		50	50	18.9	19.0	19.0	0.0	19.9	18.9	19.0	19.0	0.0	20.1
		100	0	18.9	19.0	19.0	0.0	19.9	18.9	19.0	19.0	0.0	20.1
	64QAM	1	0	19.0	19.0	19.1	0.0	19.9	19.0	19.0	19.1	0.0	20.1
		1	49	19.1	19.2	19.1	0.0	19.9	19.1	19.2	19.1	0.0	20.1
		1	99	19.0	19.0	19.0	0.0	19.9	19.0	19.0	19.0	0.0	20.1
		50	0	18.5	18.6	18.6	0.3	19.6	18.5	18.6	18.6	0.5	19.6
		50	24	18.6	18.7	18.6	0.3	19.6	18.6	18.7	18.6	0.5	19.6
		50	50	18.6	18.6	18.7	0.3	19.6	18.6	18.6	18.7	0.5	19.6
		100	0	18.6	18.7	18.7	0.3	19.6	18.6	18.7	18.7	0.5	19.6
	256QAM	1	0	16.7	16.8	16.8	2.3	17.6	16.7	16.8	16.8	2.5	17.6
		1	49	16.8	16.8	16.9	2.3	17.6	16.8	16.8	16.9	2.5	17.6
		1	99	16.8	16.8	16.9	2.3	17.6	16.8	16.8	16.9	2.5	17.6
		50	0	16.5	16.6	16.6	2.3	17.6	16.5	16.6	16.6	2.5	17.6
		50	24	16.6	16.7	16.7	2.3	17.6	16.6	16.7	16.7	2.5	17.6
		50	50	16.6	16.7	16.7	2.3	17.6	16.6	16.7	16.7	2.5	17.6
		100	0	16.6	16.7	16.6	2.3	17.6	16.6	16.7	16.6	2.5	17.6

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26115	26365	26615	MPR	Tune-up Limit	26115	26365	26615	MPR	Tune-up Limit
				1857.5 MHz	1882.5 MHz	1907.5 MHz			1857.5 MHz	1882.5 MHz	1907.5 MHz		
15 MHz	QPSK	1	0	18.9	18.9	19.0	0.0	19.9	18.9	18.9	19.0	0.0	20.1
		1	37	18.8	18.9	18.9	0.0	19.9	18.8	18.9	18.9	0.0	20.1
		1	74	18.8	18.8	18.9	0.0	19.9	18.8	18.8	18.9	0.0	20.1
		36	0	18.8	18.9	18.9	0.0	19.9	18.8	18.9	18.9	0.0	20.1
		36	20	18.9	19.0	18.9	0.0	19.9	18.9	19.0	18.9	0.0	20.1
		36	39	18.9	19.0	19.0	0.0	19.9	18.9	19.0	19.0	0.0	20.1
		75	0	18.9	18.9	18.9	0.0	19.9	18.9	18.9	18.9	0.0	20.1
	16QAM	1	0	19.1	19.2	19.3	0.0	19.9	19.1	19.2	19.3	0.0	20.1
		1	37	19.1	19.2	19.3	0.0	19.9	19.1	19.2	19.3	0.0	20.1
		1	74	19.1	19.1	19.2	0.0	19.9	19.1	19.1	19.2	0.0	20.1
		36	0	18.8	18.9	18.9	0.0	19.9	18.8	18.9	18.9	0.0	20.1
		36	20	18.9	19.0	18.9	0.0	19.9	18.9	19.0	18.9	0.0	20.1
		36	39	18.9	19.0	19.0	0.0	19.9	18.9	19.0	19.0	0.0	20.1
		75	0	18.9	18.9	18.9	0.0	19.9	18.9	18.9	18.9	0.0	20.1
	64QAM	1	0	19.0	19.0	19.0	0.0	19.9	19.0	19.0	19.0	0.0	20.1
		1	37	19.0	19.0	19.0	0.0	19.9	19.0	19.0	19.0	0.0	20.1
		1	74	19.0	18.9	18.9	0.0	19.9	19.0	18.9	18.9	0.0	20.1
		36	0	18.5	18.6	18.6	0.3	19.6	18.5	18.6	18.6	0.5	19.6
		36	20	18.6	18.6	18.6	0.3	19.6	18.6	18.6	18.6	0.5	19.6
		36	39	18.6	18.6	18.7	0.3	19.6	18.6	18.6	18.7	0.5	19.6
		75	0	18.6	18.6	18.5	0.3	19.6	18.6	18.6	18.5	0.5	19.6
	256QAM	1	0	16.6	16.6	16.6	2.3	17.6	16.6	16.6	16.6	2.5	17.6
		1	37	16.6	16.7	16.7	2.3	17.6	16.6	16.7	16.7	2.5	17.6
		1	74	16.6	16.6	16.6	2.3	17.6	16.6	16.6	16.6	2.5	17.6
		36	0	16.5	16.6	16.6	2.3	17.6	16.5	16.6	16.6	2.5	17.6
		36	20	16.6	16.6	16.6	2.3	17.6	16.6	16.6	16.6	2.5	17.6
		36	39	16.6	16.6	16.7	2.3	17.6	16.6	16.6	16.7	2.5	17.6
		75	0	16.6	16.6	16.6	2.3	17.6	16.6	16.6	16.6	2.5	17.6

LTE Band 25 Measured Results (ANT4) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				26090	26365	26640			26090	26365	26640		
				1855 MHz	1882.5 MHz	1910 MHz			1855 MHz	1882.5 MHz	1910 MHz		
10 MHz	QPSK	1	0	18.9	19.0	18.9	0.0	19.9	18.9	19.0	18.9	0.0	20.1
		1	25	18.9	19.0	19.0	0.0	19.9	18.9	19.0	19.0	0.0	20.1
		1	49	18.9	18.9	19.0	0.0	19.9	18.9	18.9	19.0	0.0	20.1
		25	0	18.9	19.0	19.0	0.0	19.9	18.9	19.0	19.0	0.0	20.1
		25	12	19.0	19.1	19.1	0.0	19.9	19.0	19.1	19.1	0.0	20.1
		25	25	19.0	19.1	19.1	0.0	19.9	19.0	19.1	19.1	0.0	20.1
		50	0	19.0	19.1	19.1	0.0	19.9	19.0	19.1	19.1	0.0	20.1
	16QAM	1	0	19.3	19.3	19.3	0.0	19.9	19.3	19.3	19.3	0.0	20.1
		1	25	19.2	19.3	19.3	0.0	19.9	19.2	19.3	19.3	0.0	20.1
		1	49	19.3	19.3	19.3	0.0	19.9	19.3	19.3	19.3	0.0	20.1
		25	0	18.9	19.0	19.0	0.0	19.9	18.9	19.0	19.0	0.0	20.1
		25	12	19.0	19.1	19.1	0.0	19.9	19.0	19.1	19.1	0.0	20.1
		25	25	19.0	19.1	19.1	0.0	19.9	19.0	19.1	19.1	0.0	20.1
		50	0	19.0	19.1	19.1	0.0	19.9	19.0	19.1	19.1	0.0	20.1
	64QAM	1	0	19.1	19.1	19.2	0.0	19.9	19.1	19.1	19.2	0.0	20.1
		1	25	19.2	19.2	19.2	0.0	19.9	19.2	19.2	19.2	0.0	20.1
		1	49	19.1	19.1	19.2	0.0	19.9	19.1	19.1	19.2	0.0	20.1
		25	0	18.7	18.7	18.7	0.3	19.6	18.7	18.7	18.7	0.5	19.6
		25	12	18.7	18.8	18.8	0.3	19.6	18.7	18.8	18.8	0.5	19.6
		25	25	18.7	18.8	18.8	0.3	19.6	18.7	18.8	18.8	0.5	19.6
		50	0	18.7	18.7	18.8	0.3	19.6	18.7	18.7	18.8	0.5	19.6
	256QAM	1	0	16.7	16.7	16.8	2.3	17.6	16.7	16.7	16.8	2.5	17.6
		1	25	16.8	16.8	16.8	2.3	17.6	16.8	16.8	16.8	2.5	17.6
		1	49	16.7	16.7	16.8	2.3	17.6	16.7	16.7	16.8	2.5	17.6
		25	0	16.6	16.7	16.7	2.3	17.6	16.6	16.7	16.7	2.5	17.6
		25	12	16.7	16.8	16.8	2.3	17.6	16.7	16.8	16.8	2.5	17.6
		25	25	16.7	16.7	16.8	2.3	17.6	16.7	16.7	16.8	2.5	17.6
		50	0	16.7	16.7	16.8	2.3	17.6	16.7	16.7	16.8	2.5	17.6

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				26065	26365	26665			26065	26365	26665		
				1852.5 MHz	1882.5 MHz	1912.5 MHz			1852.5 MHz	1882.5 MHz	1912.5 MHz		
5 MHz	QPSK	1	0	18.9	19.0	19.0	0.0	19.9	18.9	19.0	19.0	0.0	20.1
		1	12	19.0	19.0	19.1	0.0	19.9	19.0	19.0	19.1	0.0	20.1
		1	24	19.0	19.0	19.0	0.0	19.9	19.0	19.0	19.0	0.0	20.1
		12	0	19.0	19.0	19.0	0.0	19.9	19.0	19.0	19.0	0.0	20.1
		12	7	19.0	19.1	19.0	0.0	19.9	19.0	19.1	19.0	0.0	20.1
		12	13	19.0	19.0	19.1	0.0	19.9	19.0	19.0	19.1	0.0	20.1
		25	0	19.0	19.0	19.0	0.0	19.9	19.0	19.0	19.0	0.0	20.1
	16QAM	1	0	19.3	19.4	19.4	0.0	19.9	19.3	19.4	19.4	0.0	20.1
		1	12	19.4	19.5	19.6	0.0	19.9	19.4	19.5	19.6	0.0	20.1
		1	24	19.3	19.5	19.4	0.0	19.9	19.3	19.5	19.4	0.0	20.1
		12	0	19.0	19.0	19.1	0.0	19.9	19.0	19.0	19.1	0.0	20.1
		12	7	19.0	19.1	19.1	0.0	19.9	19.0	19.1	19.1	0.0	20.1
		12	13	19.0	19.1	19.2	0.0	19.9	19.0	19.1	19.2	0.0	20.1
		25	0	19.0	19.0	19.0	0.0	19.9	19.0	19.0	19.0	0.0	20.1
	64QAM	1	0	19.1	19.1	19.0	0.0	19.9	19.1	19.1	19.0	0.0	20.1
		1	12	19.1	19.1	19.1	0.0	19.9	19.1	19.1	19.1	0.0	20.1
		1	24	19.1	19.1	19.1	0.0	19.9	19.1	19.1	19.1	0.0	20.1
		12	0	18.7	18.6	18.7	0.3	19.6	18.7	18.6	18.7	0.5	19.6
		12	7	18.7	18.7	18.7	0.3	19.6	18.7	18.7	18.7	0.5	19.6
		12	13	18.7	18.7	18.8	0.3	19.6	18.7	18.7	18.8	0.5	19.6
		25	0	18.7	18.7	18.7	0.3	19.6	18.7	18.7	18.7	0.5	19.6
	256QAM	1	0	16.8	16.8	16.8	2.3	17.6	16.8	16.8	16.8	2.5	17.6
		1	12	16.9	16.8	16.8	2.3	17.6	16.9	16.8	16.8	2.5	17.6
		1	24	16.9	16.8	16.9	2.3	17.6	16.9	16.8	16.9	2.5	17.6
		12	0	16.7	16.7	16.7	2.3	17.6	16.7	16.7	16.7	2.5	17.6
		12	7	16.7	16.7	16.7	2.3	17.6	16.7	16.7	16.7	2.5	17.6
		12	13	16.7	16.7	16.8	2.3	17.6	16.7	16.7	16.8	2.5	17.6
		25	0	16.7	16.7	16.7	2.3	17.6	16.7	16.7	16.7	2.5	17.6

LTE Band 25 Measured Results (ANT4) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				26055	26365	26675			26055	26365	26675		
				1851.5 MHz	1882.5 MHz	1913.5 MHz			1851.5 MHz	1882.5 MHz	1913.5 MHz		
3 MHz	QPSK	1	0	18.8	18.9	19.0	0.0	19.9	18.8	18.9	19.0	0.0	20.1
		1	8	18.9	19.0	19.0	0.0	19.9	18.9	19.0	19.0	0.0	20.1
		1	14	18.9	18.9	18.9	0.0	19.9	18.9	18.9	18.9	0.0	20.1
		8	0	18.9	19.0	19.0	0.0	19.9	18.9	19.0	19.0	0.0	20.1
		8	4	19.0	19.0	19.0	0.0	19.9	19.0	19.0	19.0	0.0	20.1
		8	7	19.0	19.0	19.0	0.0	19.9	19.0	19.0	19.0	0.0	20.1
		15	0	18.9	19.0	19.0	0.0	19.9	18.9	19.0	19.0	0.0	20.1
	16QAM	1	0	19.2	19.2	19.4	0.0	19.9	19.2	19.2	19.4	0.0	20.1
		1	8	19.3	19.3	19.3	0.0	19.9	19.3	19.3	19.3	0.0	20.1
		1	14	19.2	19.2	19.3	0.0	19.9	19.2	19.2	19.3	0.0	20.1
		8	0	19.0	19.0	19.1	0.0	19.9	19.0	19.0	19.1	0.0	20.1
		8	4	19.0	19.1	19.1	0.0	19.9	19.0	19.1	19.1	0.0	20.1
		8	7	19.1	19.1	19.1	0.0	19.9	19.1	19.1	19.1	0.0	20.1
		15	0	18.9	19.0	19.0	0.0	19.9	18.9	19.0	19.0	0.0	20.1
	64QAM	1	0	19.0	19.1	19.3	0.0	19.9	19.0	19.1	19.3	0.0	20.1
		1	8	19.2	19.2	19.3	0.0	19.9	19.2	19.2	19.3	0.0	20.1
		1	14	19.0	19.1	19.2	0.0	19.9	19.0	19.1	19.2	0.0	20.1
		8	0	18.7	18.7	18.7	0.3	19.6	18.7	18.7	18.7	0.5	19.6
		8	4	18.7	18.7	18.8	0.3	19.6	18.7	18.7	18.8	0.5	19.6
		8	7	18.7	18.7	18.8	0.3	19.6	18.7	18.7	18.8	0.5	19.6
		15	0	18.7	18.7	18.7	0.3	19.6	18.7	18.7	18.7	0.5	19.6
	256QAM	1	0	16.7	16.9	16.8	2.3	17.6	16.7	16.9	16.8	2.5	17.6
		1	8	16.8	16.9	16.8	2.3	17.6	16.8	16.9	16.8	2.5	17.6
		1	14	16.8	16.8	16.8	2.3	17.6	16.8	16.8	16.8	2.5	17.6
		8	0	16.7	16.7	16.7	2.3	17.6	16.7	16.7	16.7	2.5	17.6
		8	4	16.7	16.7	16.8	2.3	17.6	16.7	16.7	16.8	2.5	17.6
		8	7	16.7	16.7	16.8	2.3	17.6	16.7	16.7	16.8	2.5	17.6
		15	0	16.6	16.7	16.7	2.3	17.6	16.6	16.7	16.7	2.5	17.6

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				26047	26365	26683			26047	26365	26683		
				1850.7 MHz	1882.5 MHz	1914.3 MHz			1850.7 MHz	1882.5 MHz	1914.3 MHz		
1.4 MHz	QPSK	1	0	18.9	18.9	19.0	0.0	19.9	18.9	18.9	19.0	0.0	20.1
		1	3	18.9	19.0	19.0	0.0	19.9	18.9	19.0	19.0	0.0	20.1
		1	5	18.9	18.9	19.0	0.0	19.9	18.9	18.9	19.0	0.0	20.1
		3	0	18.8	18.9	18.9	0.0	19.9	18.8	18.9	18.9	0.0	20.1
		3	1	18.9	18.9	19.0	0.0	19.9	18.9	18.9	19.0	0.0	20.1
		3	3	18.9	18.9	19.0	0.0	19.9	18.9	18.9	19.0	0.0	20.1
		6	0	18.9	18.9	18.9	0.0	19.9	18.9	18.9	18.9	0.0	20.1
	16QAM	1	0	19.1	19.2	19.3	0.0	19.9	19.1	19.2	19.3	0.0	20.1
		1	3	19.1	19.2	19.4	0.0	19.9	19.1	19.2	19.4	0.0	20.1
		1	5	19.1	19.3	19.4	0.0	19.9	19.1	19.3	19.4	0.0	20.1
		3	0	19.0	19.1	19.1	0.0	19.9	19.0	19.1	19.1	0.0	20.1
		3	1	19.0	19.1	19.2	0.0	19.9	19.0	19.1	19.2	0.0	20.1
		3	3	19.0	19.1	19.2	0.0	19.9	19.0	19.1	19.2	0.0	20.1
		6	0	18.9	19.0	19.0	0.0	19.9	18.9	19.0	19.0	0.0	20.1
	64QAM	1	0	19.1	19.0	19.1	0.0	19.9	19.1	19.0	19.1	0.0	20.1
		1	3	19.1	19.1	19.1	0.0	19.9	19.1	19.1	19.1	0.0	20.1
		1	5	19.1	19.1	19.2	0.0	19.9	19.1	19.1	19.2	0.0	20.1
		3	0	18.9	19.1	19.0	0.0	19.9	18.9	19.1	19.0	0.0	20.1
		3	1	18.9	19.1	19.1	0.0	19.9	18.9	19.1	19.1	0.0	20.1
		3	3	18.9	19.1	19.1	0.0	19.9	18.9	19.1	19.1	0.0	20.1
		6	0	18.6	18.7	18.7	0.3	19.6	18.6	18.7	18.7	0.5	19.6
	256QAM	1	0	16.7	16.7	16.7	2.3	17.6	16.7	16.7	16.7	2.5	17.6
		1	3	16.8	16.9	16.8	2.3	17.6	16.8	16.9	16.8	2.5	17.6
		1	5	16.6	16.8	16.7	2.3	17.6	16.6	16.8	16.7	2.5	17.6
		3	0	16.7	16.7	16.7	2.3	17.6	16.7	16.7	16.7	2.5	17.6
		3	1	16.7	16.6	16.8	2.3	17.6	16.7	16.6	16.8	2.5	17.6
		3	3	16.7	16.6	16.8	2.3	17.6	16.7	16.6	16.8	2.5	17.6
		6	0	16.7	16.6	16.8	2.3	17.6	16.7	16.6	16.8	2.5	17.6

LTE Band 26 Measured Results (ANT1)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26740	26865	26990	MPR	Tune-up Limit	26740	26865	26990	MPR	Tune-up Limit
				819 MHz	831.5 MHz	844 MHz			819 MHz	831.5 MHz	844 MHz		
10 MHz	QPSK	1	0	25.0	25.2	25.1	0.0	25.7	23.4	23.3	23.4	0.0	24.0
		1	25	25.1	25.3	25.2	0.0	25.7	23.5	23.6	23.5	0.0	24.0
		1	49	25.1	25.2	25.1	0.0	25.7	23.3	23.4	23.4	0.0	24.0
		25	0	24.1	24.1	24.1	1.0	24.7	23.5	23.4	23.4	0.0	24.0
		25	12	24.2	24.2	24.2	1.0	24.7	23.6	23.6	23.5	0.0	24.0
		25	25	24.1	24.1	24.1	1.0	24.7	23.5	23.4	23.4	0.0	24.0
		50	0	24.1	24.2	24.2	1.0	24.7	23.5	23.6	23.6	0.0	24.0
	16QAM	1	0	24.5	24.4	24.5	1.0	24.7	23.5	23.5	23.6	0.0	24.0
		1	25	24.5	24.3	24.4	1.0	24.7	23.5	23.5	23.5	0.0	24.0
		1	49	24.4	24.4	24.4	1.0	24.7	23.6	23.5	23.6	0.0	24.0
		25	0	23.1	23.1	23.1	2.0	23.7	22.8	22.7	22.7	0.3	23.7
		25	12	23.1	23.2	23.2	2.0	23.7	22.8	22.7	22.7	0.3	23.7
		25	25	23.2	23.1	23.1	2.0	23.7	22.8	22.7	22.7	0.3	23.7
		50	0	23.2	23.1	23.2	2.0	23.7	22.8	22.7	22.7	0.3	23.7
	64QAM	1	0	23.3	23.2	23.4	2.0	23.7	23.3	22.8	22.8	0.3	23.7
		1	25	23.3	23.3	23.4	2.0	23.7	23.0	22.9	22.9	0.3	23.7
		1	49	23.2	23.3	23.3	2.0	23.7	22.9	22.9	22.9	0.3	23.7
		25	0	22.1	22.1	22.1	3.0	22.7	21.8	21.7	21.7	1.3	22.7
		25	12	22.2	22.1	22.2	3.0	22.7	21.8	21.7	21.7	1.3	22.7
		25	25	22.1	22.1	22.1	3.0	22.7	21.8	21.7	21.7	1.3	22.7
		50	0	22.2	22.1	22.1	3.0	22.7	21.8	21.7	21.7	1.3	22.7
	256QAM	1	0	20.2	20.1	20.1	5.0	20.7	19.9	19.8	19.7	3.3	20.7
		1	25	20.3	20.3	20.3	5.0	20.7	20.0	19.8	19.8	3.3	20.7
		1	49	20.2	20.2	20.2	5.0	20.7	19.9	19.8	19.8	3.3	20.7
		25	0	20.1	20.1	20.1	5.0	20.7	19.8	19.7	19.7	3.3	20.7
		25	12	20.2	20.1	20.2	5.0	20.7	19.8	19.7	19.7	3.3	20.7
		25	25	20.2	20.1	20.2	5	20.7	19.8	19.7	19.7	3.3	20.7
		50	0	20.2	20.1	20.2	5	20.7	19.8	19.7	19.7	3.3	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26715	26865	27015	MPR	Tune-up Limit	26715	26865	27015	MPR	Tune-up Limit
				816.5 MHz	831.5 MHz	846.5 MHz			816.5 MHz	831.5 MHz	846.5 MHz		
5 MHz	QPSK	1	0	25.1	25.0	25.0	0.0	25.7	23.2	23.1	23.1	0.0	24.0
		1	12	25.2	25.1	25.1	0.0	25.7	23.3	23.2	23.2	0.0	24.0
		1	24	25.1	25.0	25.1	0.0	25.7	23.2	23.1	23.1	0.0	24.0
		12	0	24.0	24.0	24.0	1.0	24.7	23.2	23.1	23.1	0.0	24.0
		12	7	24.1	24.1	24.1	1.0	24.7	23.3	23.2	23.2	0.0	24.0
		12	13	24.1	24.1	24.1	1.0	24.7	23.3	23.2	23.2	0.0	24.0
		25	0	24.1	24.0	24.1	1.0	24.7	23.2	23.2	23.2	0.0	24.0
	16QAM	1	0	24.5	24.4	24.4	1.0	24.7	23.6	23.5	23.6	0.0	24.0
		1	12	24.5	24.6	24.6	1.0	24.7	23.6	23.6	23.6	0.0	24.0
		1	24	24.5	24.5	24.5	1.0	24.7	23.6	23.4	23.6	0.0	24.0
		12	0	23.0	23.1	23.1	2.0	23.7	22.7	22.6	22.8	0.3	23.7
		12	7	23.1	23.2	23.2	2.0	23.7	22.8	22.6	22.9	0.3	23.7
		12	13	23.1	23.2	23.1	2.0	23.7	22.8	22.6	22.8	0.3	23.7
		25	0	23.1	23.1	23.1	2.0	23.7	22.8	22.7	22.7	0.3	23.7
	64QAM	1	0	23.3	23.2	23.2	2.0	23.7	22.9	22.8	22.8	0.3	23.7
		1	12	23.3	23.3	23.2	2.0	23.7	22.9	22.8	22.8	0.3	23.7
		1	24	23.3	23.2	23.1	2.0	23.7	22.8	22.8	22.8	0.3	23.7
		12	0	22.1	22.0	22.0	3.0	22.7	21.7	21.6	21.6	1.3	22.7
		12	7	22.2	22.1	22.1	3.0	22.7	21.9	21.7	21.7	1.3	22.7
		12	13	22.1	22.1	22.1	3.0	22.7	21.8	21.7	21.7	1.3	22.7
		25	0	22.1	22.1	22.1	3.0	22.7	21.7	21.7	21.7	1.3	22.7
	256QAM	1	0	20.3	20.1	20.1	5.0	20.7	19.8	19.8	19.8	3.3	20.7
		1	12	20.3	20.2	20.2	5.0	20.7	19.9	19.9	19.9	3.3	20.7
		1	24	20.3	20.2	20.2	5.0	20.7	19.9	19.8	19.8	3.3	20.7
		12	0	20.1	20.0	20.0	5.0	20.7	19.7	19.6	19.6	3.3	20.7
		12	7	20.2	20.1	20.1	5.0	20.7	19.8	19.7	19.7	3.3	20.7
		12	13	20.1	20.1	20.1	5.0	20.7	19.8	19.7	19.7	3.3	20.7
		25	0	20.1	20.1	20.1	5.0	20.7	19.7	19.7	19.7	3.3	20.7

LTE Band 26 Measured Results (ANT1) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				26705	26865	27025			26705	26865	27025		
				815.5 MHz	831.5 MHz	847.5 MHz			815.5 MHz	831.5 MHz	847.5 MHz		
3 MHz	QPSK	1	0	25.1	25.0	25.2	0.0	25.7	23.2	23.1	23.1	0.0	24.0
		1	8	25.1	25.1	25.2	0.0	25.7	23.3	23.2	23.2	0.0	24.0
		1	14	25.1	25.0	25.1	0.0	25.7	23.2	23.1	23.1	0.0	24.0
		8	0	24.1	24.1	24.2	1.0	24.7	23.3	23.2	23.1	0.0	24.0
		8	4	24.1	24.1	24.2	1.0	24.7	23.3	23.2	23.2	0.0	24.0
		8	7	24.1	24.1	24.2	1.0	24.7	23.3	23.2	23.2	0.0	24.0
		15	0	24.1	24.0	24.2	1.0	24.7	23.3	23.1	23.2	0.0	24.0
	16QAM	1	0	24.3	24.4	24.5	1.0	24.7	23.5	23.4	23.4	0.0	24.0
		1	8	24.5	24.4	24.6	1.0	24.7	23.6	23.5	23.5	0.0	24.0
		1	14	24.3	24.3	24.5	1.0	24.7	23.5	23.4	23.4	0.0	24.0
		8	0	23.1	23.1	23.3	2.0	23.7	22.9	22.7	22.7	0.3	23.7
		8	4	23.2	23.2	23.3	2.0	23.7	22.9	22.8	22.8	0.3	23.7
		8	7	23.2	23.2	23.3	2.0	23.7	22.8	22.8	22.8	0.3	23.7
		15	0	23.1	23.1	23.2	2.0	23.7	22.8	22.7	22.7	0.3	23.7
	64QAM	1	0	23.3	23.2	23.4	2.0	23.7	22.9	22.7	22.8	0.3	23.7
		1	8	23.4	23.3	23.4	2.0	23.7	22.9	22.8	22.8	0.3	23.7
		1	14	23.3	23.2	23.3	2.0	23.7	22.8	22.7	22.7	0.3	23.7
		8	0	22.1	22.1	22.2	3.0	22.7	21.8	21.7	21.6	1.3	22.7
		8	4	22.2	22.1	22.2	3.0	22.7	21.9	21.7	21.8	1.3	22.7
		8	7	22.2	22.1	22.2	3.0	22.7	21.8	21.7	21.8	1.3	22.7
		15	0	22.1	22.0	22.2	3.0	22.7	21.8	21.7	21.7	1.3	22.7
	256QAM	1	0	20.1	20.1	20.2	5.0	20.7	19.9	19.7	19.8	3.3	20.7
		1	8	20.3	20.2	20.3	5.0	20.7	19.9	19.9	19.8	3.3	20.7
		1	14	20.1	20.1	20.2	5.0	20.7	19.9	19.9	19.7	3.3	20.7
		8	0	20.1	20.1	20.2	5.0	20.7	19.8	19.7	19.7	3.3	20.7
		8	4	20.2	20.1	20.2	5.0	20.7	19.8	19.7	19.8	3.3	20.7
		8	7	20.2	20.1	20.2	5.0	20.7	19.8	19.7	19.8	3.3	20.7
		15	0	20.1	20.1	20.2	5.0	20.7	19.8	19.7	19.7	3.3	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				26697	26865	27033			26697	26865	27033		
				814.7 MHz	831.5 MHz	848.3 MHz			814.7 MHz	831.5 MHz	848.3 MHz		
1.4 MHz	QPSK	1	0	25.0	24.9	25.2	0.0	25.7	23.2	23.0	23.0	0.0	24.0
		1	3	25.1	25.0	25.2	0.0	25.7	23.2	23.2	23.1	0.0	24.0
		1	5	25.1	25.0	25.2	0.0	25.7	23.2	23.1	23.1	0.0	24.0
		3	0	25.1	25.0	25.2	0.0	25.7	23.2	23.1	23.1	0.0	24.0
		3	1	25.1	25.0	25.2	0.0	25.7	23.2	23.1	23.1	0.0	24.0
		3	3	25.1	25.1	25.2	0.0	25.7	23.2	23.1	23.1	0.0	24.0
		6	0	24.1	24.0	24.1	1.0	24.7	23.2	23.1	23.1	0.0	24.0
	16QAM	1	0	24.2	24.2	24.5	1.0	24.7	23.4	23.3	23.4	0.0	24.0
		1	3	24.3	24.3	24.5	1.0	24.7	23.4	23.5	23.5	0.0	24.0
		1	5	24.3	24.2	24.5	1.0	24.7	23.3	23.4	23.4	0.0	24.0
		3	0	24.2	24.2	24.3	1.0	24.7	23.3	23.3	23.3	0.0	24.0
		3	1	24.2	24.2	24.3	1.0	24.7	23.3	23.3	23.3	0.0	24.0
		3	3	24.2	24.1	24.3	1.0	24.7	23.4	23.3	23.3	0.0	24.0
		6	0	23.1	23.1	23.2	2.0	23.7	22.8	22.7	22.7	0.3	23.7
	64QAM	1	0	23.2	23.0	23.3	2.0	23.7	22.9	22.8	22.7	0.3	23.7
		1	3	23.3	23.1	23.4	2.0	23.7	22.9	22.8	22.8	0.3	23.7
		1	5	23.4	23.1	23.4	2.0	23.7	22.9	22.8	22.8	0.3	23.7
		3	0	23.2	23.1	23.2	2.0	23.7	22.8	22.7	22.7	0.3	23.7
		3	1	23.2	23.2	23.3	2.0	23.7	22.8	22.7	22.7	0.3	23.7
		3	3	23.2	23.2	23.3	2.0	23.7	22.8	22.7	22.7	0.3	23.7
		6	0	22.2	22.1	22.1	3.0	22.7	21.7	21.6	21.6	1.3	22.7
	256QAM	1	0	20.2	20.1	20.2	5.0	20.7	19.9	19.8	19.7	3.3	20.7
		1	3	20.3	20.1	20.3	5.0	20.7	19.8	19.9	19.8	3.3	20.7
		1	5	20.3	20.1	20.2	5.0	20.7	19.8	19.9	19.8	3.3	20.7
		3	0	20.2	20.1	20.2	5.0	20.7	19.8	19.7	19.7	3.3	20.7
		3	1	20.2	20.1	20.2	5.0	20.7	19.8	19.7	19.7	3.3	20.7
		3	3	20.2	20.1	20.2	5.0	20.7	19.8	19.7	19.7	3.3	20.7
		6	0	20.1	20.1	20.0	5.0	20.7	19.7	19.5	19.6	3.3	20.7

LTE Band 26 Measured Results (ANT2)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26740	26865	26990	MPR	Tune-up Limit	26740	26865	26990	MPR	Tune-up Limit
				819 MHz	831.5 MHz	844 MHz			819 MHz	831.5 MHz	844 MHz		
10 MHz	QPSK	1	0	21.7	21.7	21.7	0.0	22.5	22.9	22.9	23.9	0.0	24.7
		1	25	21.7	21.9	21.9	0.0	22.5	23.9	24.0	24.0	0.0	24.7
		1	49	21.6	21.7	21.8	0.0	22.5	23.8	23.9	23.9	0.0	24.7
		25	0	21.6	21.7	21.8	0.0	22.5	22.8	22.8	22.9	1.0	23.7
		25	12	21.7	21.8	21.8	0.0	22.5	22.9	23.0	23.0	1.0	23.7
		25	25	21.7	21.7	21.8	0.0	22.5	22.9	22.9	23.0	1.0	23.7
		50	0	21.7	21.8	21.8	0.0	22.5	22.9	22.9	22.9	1.0	23.7
	16QAM	1	0	21.7	21.7	21.7	0.0	22.5	22.8	22.8	22.9	1.0	23.7
		1	25	21.5	21.5	21.7	0.0	22.5	22.7	22.7	22.8	1.0	23.7
		1	49	21.5	21.7	21.7	0.0	22.5	22.7	22.8	22.9	1.0	23.7
		25	0	21.7	21.7	21.8	0.0	22.5	21.8	21.9	22.0	2.0	22.7
		25	12	21.8	21.8	21.9	0.0	22.5	21.9	21.9	22.0	2.0	22.7
		25	25	21.7	21.8	21.9	0.0	22.5	21.9	21.9	22.1	2.0	22.7
		50	0	21.7	21.8	21.8	0.0	22.5	21.9	21.9	22.0	2.0	22.7
	64QAM	1	0	21.8	21.7	21.9	0.0	22.5	22.0	22.0	22.1	2.0	22.7
		1	25	21.8	21.8	21.8	0.0	22.5	22.1	22.0	22.1	2.0	22.7
		1	49	21.8	21.8	21.9	0.0	22.5	22.0	22.0	22.1	2.0	22.7
		25	0	20.9	20.8	20.9	0.8	21.7	20.8	20.9	21.0	3.0	21.7
		25	12	20.9	20.9	21.0	0.8	21.7	20.9	20.9	21.1	3.0	21.7
		25	25	20.9	20.9	21.0	0.8	21.7	20.9	20.9	21.1	3.0	21.7
		50	0	20.9	20.9	20.9	0.8	21.7	20.9	20.9	21.0	3.0	21.7
	256QAM	1	0	19.0	19.0	19.0	2.8	19.7	19.0	19.0	19.1	5.0	19.7
		1	25	19.0	19.0	19.2	2.8	19.7	19.1	19.0	19.2	5.0	19.7
		1	49	19.0	19.1	19.1	2.8	19.7	19.0	19.0	19.1	5.0	19.7
		25	0	18.9	18.8	19.0	2.8	19.7	18.9	18.9	19.0	5.0	19.7
		25	12	18.9	18.9	19.0	2.8	19.7	18.9	18.9	19.0	5.0	19.7
		25	25	18.9	18.9	19.0	2.8	19.7	18.9	18.9	19.0	5.0	19.7
		50	0	18.9	18.9	18.9	2.8	19.7	18.9	18.9	19.0	5.0	19.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				26715	26865	27015	MPR	Tune-up Limit	26715	26865	27015	MPR	Tune-up Limit
				816.5 MHz	831.5 MHz	846.5 MHz			816.5 MHz	831.5 MHz	846.5 MHz		
5 MHz	QPSK	1	0	21.7	21.7	21.8	0.0	22.5	23.9	23.9	24.0	0.0	24.7
		1	12	21.7	21.8	21.9	0.0	22.5	24.0	24.0	24.0	0.0	24.7
		1	24	21.6	21.7	21.8	0.0	22.5	23.9	23.9	24.0	0.0	24.7
		12	0	21.6	21.7	21.8	0.0	22.5	22.9	22.9	22.9	1.0	23.7
		12	7	21.7	21.8	21.9	0.0	22.5	23.0	23.0	23.0	1.0	23.7
		12	13	21.7	21.7	21.8	0.0	22.5	22.9	22.9	23.0	1.0	23.7
		25	0	21.7	21.7	21.8	0.0	22.5	22.9	22.9	22.9	1.0	23.7
	16QAM	1	0	21.6	21.6	21.8	0.0	22.5	22.9	22.9	22.9	1.0	23.7
		1	12	21.6	21.7	21.9	0.0	22.5	22.9	23.0	23.0	1.0	23.7
		1	24	21.6	21.6	21.8	0.0	22.5	22.9	22.9	22.9	1.0	23.7
		12	0	21.5	21.7	21.8	0.0	22.5	21.9	21.9	21.9	2.0	22.7
		12	7	21.6	21.7	21.9	0.0	22.5	22.0	22.0	22.0	2.0	22.7
		12	13	21.6	21.7	21.9	0.0	22.5	22.0	21.9	22.0	2.0	22.7
		25	0	21.7	21.7	21.8	0.0	22.5	22.0	22.0	21.9	2.0	22.7
	64QAM	1	0	21.5	21.4	21.6	0.0	22.5	22.1	22.1	22.3	2.0	22.7
		1	12	21.5	21.5	21.7	0.0	22.5	22.2	22.2	22.3	2.0	22.7
		1	24	21.5	21.4	21.6	0.0	22.5	22.1	22.1	22.3	2.0	22.7
		12	0	20.9	20.8	21.0	0.8	21.7	20.9	20.9	21.0	3.0	21.7
		12	7	21.0	21.0	21.1	0.8	21.7	21.0	21.0	21.1	3.0	21.7
		12	13	21.0	20.9	21.1	0.8	21.7	21.0	21.0	21.1	3.0	21.7
		25	0	20.9	20.9	21.0	0.8	21.7	21.0	21.0	21.0	3.0	21.7
	256QAM	1	0	19.0	18.9	19.0	2.8	19.7	19.0	19.0	19.2	5.0	19.7
		1	12	19.1	19.0	19.2	2.8	19.7	19.1	19.1	19.3	5.0	19.7
		1	24	19.0	19.0	19.1	2.8	19.7	19.0	19.1	19.2	5.0	19.7
		12	0	18.9	18.8	19.0	2.8	19.7	18.9	18.9	19.0	5.0	19.7
		12	7	19.0	19.0	19.0	2.8	19.7	19.0	19.0	19.1	5.0	19.7
		12	13	19.0	18.9	19.0	2.8	19.7	18.9	18.9	19.1	5.0	19.7
		25	0	18.9	18.9	19.0	2.8	19.7	19.0	19.0	19.0	5.0	19.7

LTE Band 26 Measured Results (ANT2) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				26705	26865	27025			26705	26865	27025		
				815.5 MHz	831.5 MHz	847.5 MHz			815.5 MHz	831.5 MHz	847.5 MHz		
3 MHz	QPSK	1	0	21.6	21.6	21.8	0.0	22.5	23.9	23.9	24.0	0.0	24.7
		1	8	21.7	21.7	21.8	0.0	22.5	23.9	23.9	24.0	0.0	24.7
		1	14	21.6	21.6	21.7	0.0	22.5	23.8	23.9	23.9	0.0	24.7
		8	0	21.7	21.7	21.8	0.0	22.5	22.9	22.8	23.0	1.0	23.7
		8	4	21.7	21.7	21.8	0.0	22.5	22.9	23.0	23.0	1.0	23.7
		8	7	21.8	21.7	21.8	0.0	22.5	22.9	22.9	23.0	1.0	23.7
		15	0	21.7	21.7	21.8	0.0	22.5	22.9	22.9	22.9	1.0	23.7
	16QAM	1	0	21.6	21.6	21.7	0.0	22.5	22.7	22.8	22.8	1.0	23.7
		1	8	21.6	21.6	21.8	0.0	22.5	22.8	22.9	22.9	1.0	23.7
		1	14	21.5	21.5	21.6	0.0	22.5	22.7	22.8	22.8	1.0	23.7
		8	0	21.8	21.7	21.9	0.0	22.5	22.0	21.9	22.0	2.0	22.7
		8	4	21.8	21.8	21.9	0.0	22.5	22.0	22.0	22.0	2.0	22.7
		8	7	21.8	21.8	21.9	0.0	22.5	22.0	22.0	22.0	2.0	22.7
		15	0	21.7	21.7	21.9	0.0	22.5	21.9	22.0	22.0	2.0	22.7
	64QAM	1	0	21.4	21.4	21.6	0.0	22.5	22.0	22.0	22.2	2.0	22.7
		1	8	21.6	21.4	21.6	0.0	22.5	22.0	22.1	22.2	2.0	22.7
		1	14	21.4	21.4	21.5	0.0	22.5	22.0	22.0	22.2	2.0	22.7
		8	0	21.0	20.9	21.0	0.8	21.7	20.9	20.9	21.1	3.0	21.7
		8	4	21.0	21.0	21.1	0.8	21.7	21.0	21.0	21.1	3.0	21.7
		8	7	21.0	21.0	21.1	0.8	21.7	21.0	21.0	21.1	3.0	21.7
		15	0	20.9	20.9	21.1	0.8	21.7	21.0	21.0	21.0	3.0	21.7
	256QAM	1	0	19.0	18.9	19.1	2.8	19.7	19.0	19.0	19.2	5.0	19.7
		1	8	19.1	19.0	19.2	2.8	19.7	19.1	19.2	19.3	5.0	19.7
		1	14	19.0	19.0	19.1	2.8	19.7	19.0	19.1	19.1	5.0	19.7
		8	0	18.9	18.9	19.0	2.8	19.7	19.0	18.9	19.1	5.0	19.7
		8	4	19.0	19.0	19.1	2.8	19.7	19.0	19.0	19.1	5.0	19.7
		8	7	18.9	19.0	19.1	2.8	19.7	19.0	19.0	19.0	5.0	19.7
		15	0	18.9	18.9	19.0	2.8	19.7	18.9	19.0	19.0	5.0	19.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				26697	26865	27033			26697	26865	27033		
				814.7 MHz	831.5 MHz	848.3 MHz			814.7 MHz	831.5 MHz	848.3 MHz		
1.4 MHz	QPSK	1	0	21.6	21.6	21.8	0.0	22.5	23.8	23.8	23.9	0.0	24.7
		1	3	21.6	21.7	21.8	0.0	22.5	23.9	23.9	24.0	0.0	24.7
		1	5	21.6	21.7	21.8	0.0	22.5	23.9	23.9	23.9	0.0	24.7
		3	0	21.6	21.6	21.8	0.0	22.5	23.9	23.9	23.9	0.0	24.7
		3	1	21.6	21.7	21.8	0.0	22.5	23.9	23.9	24.0	0.0	24.7
		3	3	21.6	21.7	21.8	0.0	22.5	23.9	23.9	24.0	0.0	24.7
		6	0	21.6	21.7	21.8	0.0	22.5	22.9	22.9	22.9	1.0	23.7
	16QAM	1	0	21.3	21.5	21.7	0.0	22.5	22.7	22.7	22.8	1.0	23.7
		1	3	21.4	21.6	21.7	0.0	22.5	22.8	22.8	22.9	1.0	23.7
		1	5	21.4	21.6	21.7	0.0	22.5	22.8	22.8	22.8	1.0	23.7
		3	0	21.3	21.4	21.5	0.0	22.5	23.0	23.0	23.1	1.0	23.7
		3	1	21.3	21.4	21.5	0.0	22.5	23.1	23.1	23.1	1.0	23.7
		3	3	21.3	21.4	21.6	0.0	22.5	23.0	23.1	23.1	1.0	23.7
		6	0	21.3	21.4	21.5	0.0	22.5	21.9	22.0	21.9	2.0	22.7
	64QAM	1	0	21.8	21.6	21.9	0.0	22.5	22.0	21.9	22.3	2.0	22.7
		1	3	21.9	21.8	21.9	0.0	22.5	22.2	22.0	22.3	2.0	22.7
		1	5	21.8	21.7	21.9	0.0	22.5	22.1	21.9	22.3	2.0	22.7
		3	0	21.8	21.8	21.9	0.0	22.5	21.9	22.0	22.1	2.0	22.7
		3	1	21.8	21.8	21.9	0.0	22.5	22.0	22.0	22.1	2.0	22.7
		3	3	21.8	21.8	21.9	0.0	22.5	21.9	22.0	22.1	2.0	22.7
		6	0	20.8	20.9	21.0	0.8	21.7	20.9	20.9	21.0	3.0	21.7
	256QAM	1	0	19.0	18.9	19.0	2.8	19.7	18.9	18.9	19.0	5.0	19.7
		1	3	19.0	19.0	19.1	2.8	19.7	19.1	19.0	19.1	5.0	19.7
		1	5	19.0	19.0	19.0	2.8	19.7	19.0	19.0	19.1	5.0	19.7
		3	0	18.9	18.9	19.0	2.8	19.7	18.9	18.9	19.0	5.0	19.7
		3	1	18.9	18.9	19.0	2.8	19.7	18.9	18.9	19.0	5.0	19.7
		3	3	18.9	18.9	19.0	2.8	19.7	18.9	19.0	19.0	5.0	19.7
		6	0	18.9	19.0	18.9	2.8	19.7	19.0	18.8	19.1	5.0	19.7

LTE Band 30 Measured Results (ANT1)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
				27710 / 2310 MHz	MPR	Tune-up Limit	27710 / 2310 MHz	MPR	Tune-up Limit
10 MHz	QPSK	1	0	25.1	0	25.7	20.6	0	21.4
		1	25	25.2	0	25.7	20.7	0	21.4
		1	49	25.1	0	25.7	20.5	0	21.4
		25	0	24.0	1	24.7	20.6	0	21.4
		25	12	24.1	1	24.7	20.7	0	21.4
		25	25	24.1	1	24.7	20.5	0	21.4
		50	0	24.1	1	24.7	20.6	0	21.4
	16QAM	1	0	24.4	1	24.7	20.4	0	21.4
		1	25	24.4	1	24.7	20.4	0	21.4
		1	49	24.4	1	24.7	20.4	0	21.4
		25	0	23.1	2	23.7	20.5	0	21.4
		25	12	23.2	2	23.7	20.6	0	21.4
		25	25	23.2	2	23.7	20.6	0	21.4
		50	0	23.1	2	23.7	20.5	0	21.4
	64QAM	1	0	23.3	2	23.7	20.7	0	21.4
		1	25	23.4	2	23.7	20.7	0	21.4
		1	49	23.3	2	23.7	20.7	0	21.4
		25	0	22.1	3	22.7	20.4	0	21.4
		25	12	22.2	3	22.7	20.5	0	21.4
		25	25	22.1	3	22.7	20.5	0	21.4
		50	0	22.1	3	22.7	20.4	0	21.4
	256QAM	1	0	20.1	5	20.7	19.8	0.7	20.7
		1	25	20.3	5	20.7	20.0	0.7	20.7
		1	49	20.1	5	20.7	19.8	0.7	20.7
		25	0	20.1	5	20.7	19.7	0.7	20.7
		25	12	20.2	5	20.7	19.8	0.7	20.7
		25	25	20.1	5	20.7	19.8	0.7	20.7
		50	0	20.0	5	20.7	19.7	0.7	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
				27710 / 2310 MHz	MPR	Tune-up Limit	27710 / 2310 MHz	MPR	Tune-up Limit
5 MHz	QPSK	1	0	25.1	0	25.7	20.5	0	21.4
		1	12	25.2	0	25.7	20.6	0	21.4
		1	24	25.1	0	25.7	20.5	0	21.4
		12	0	24.0	1	24.7	20.4	0	21.4
		12	7	24.2	1	24.7	20.5	0	21.4
		12	13	24.1	1	24.7	20.5	0	21.4
		25	0	24.1	1	24.7	20.5	0	21.4
	16QAM	1	0	24.5	1	24.7	20.5	0	21.4
		1	12	24.7	1	24.7	20.5	0	21.4
		1	24	24.5	1	24.7	20.5	0	21.4
		12	0	23.0	2	23.7	20.5	0	21.4
		12	7	23.2	2	23.7	20.5	0	21.4
		12	13	23.1	2	23.7	20.6	0	21.4
		25	0	23.1	2	23.7	20.6	0	21.4
	64QAM	1	0	23.3	2	23.7	20.6	0	21.4
		1	12	23.4	2	23.7	20.7	0	21.4
		1	24	23.3	2	23.7	20.6	0	21.4
		12	0	22.1	3	22.7	20.5	0	21.4
		12	7	22.3	3	22.7	20.6	0	21.4
		12	13	22.2	3	22.7	20.5	0	21.4
		25	0	22.2	3	22.7	20.5	0	21.4
	256QAM	1	0	20.1	5	20.7	19.9	0.7	20.7
		1	12	20.3	5	20.7	20.0	0.7	20.7
		1	24	20.2	5	20.7	19.9	0.7	20.7
		12	0	20.1	5	20.7	19.7	0.7	20.7
		12	7	20.2	5	20.7	19.9	0.7	20.7
		12	13	20.2	5	20.7	19.8	0.7	20.7
		25	0	20.2	5	20.7	19.8	0.7	20.7

LTE Band 30 Measured Results (ANT2)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
				27710 / 2310 MHz	MPR	Tune-up Limit	27710 / 2310 MHz	MPR	Tune-up Limit
10 MHz	QPSK	1	0	19.1	0.0	19.4	19.6	0.0	20.3
		1	25	19.2	0.0	19.4	19.7	0.0	20.3
		1	49	19.0	0.0	19.4	19.5	0.0	20.3
		25	0	18.9	0.0	19.4	19.5	0.0	20.3
		25	12	19.1	0.0	19.4	19.6	0.0	20.3
		25	25	19.0	0.0	19.4	19.4	0.0	20.3
		50	0	19.1	0.0	19.4	19.6	0.0	20.3
	16QAM	1	0	19.0	0.0	19.4	19.5	0.0	20.3
		1	25	19.0	0.0	19.4	19.7	0.0	20.3
		1	49	19.0	0.0	19.4	19.5	0.0	20.3
		25	0	18.9	0.0	19.4	19.3	0.0	20.3
		25	12	19.0	0.0	19.4	19.4	0.0	20.3
		25	25	19.0	0.0	19.4	19.4	0.0	20.3
		50	0	18.9	0.0	19.4	19.3	0.0	20.3
	64QAM	1	0	19.1	0.0	19.4	19.3	0.0	20.3
		1	25	19.2	0.0	19.4	19.4	0.0	20.3
		1	49	19.1	0.0	19.4	19.3	0.0	20.3
		25	0	19.0	0.0	19.4	19.1	0.1	20.2
		25	12	19.1	0.0	19.4	19.2	0.1	20.2
		25	25	19.0	0.0	19.4	19.2	0.1	20.2
		50	0	18.9	0.0	19.4	19.2	0.1	20.2
	256QAM	1	0	17.7	1.2	18.2	17.2	2.1	18.2
		1	25	17.9	1.2	18.2	17.4	2.1	18.2
		1	49	17.6	1.2	18.2	17.2	2.1	18.2
		25	0	17.6	1.2	18.2	17.1	2.1	18.2
		25	12	17.7	1.2	18.2	17.2	2.1	18.2
		25	25	17.6	1.2	18.2	17.2	2.1	18.2
		50	0	17.5	1.2	18.2	17.1	2.1	18.2

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
				27710 / 2310 MHz	MPR	Tune-up Limit	27710 / 2310 MHz	MPR	Tune-up Limit
5 MHz	QPSK	1	0	18.9	0.0	19.4	19.3	0.0	20.3
		1	12	19.1	0.0	19.4	19.4	0.0	20.3
		1	24	18.9	0.0	19.4	19.2	0.0	20.3
		12	0	18.9	0.0	19.4	19.2	0.0	20.3
		12	7	19.0	0.0	19.4	19.3	0.0	20.3
		12	13	19.0	0.0	19.4	19.3	0.0	20.3
		25	0	19.0	0.0	19.4	19.3	0.0	20.3
	16QAM	1	0	19.0	0.0	19.4	19.5	0.0	20.3
		1	12	19.0	0.0	19.4	19.7	0.0	20.3
		1	24	19.0	0.0	19.4	19.5	0.0	20.3
		12	0	19.0	0.0	19.4	19.3	0.0	20.3
		12	7	19.1	0.0	19.4	19.4	0.0	20.3
		12	13	19.0	0.0	19.4	19.4	0.0	20.3
		25	0	19.0	0.0	19.4	19.3	0.0	20.3
	64QAM	1	0	19.1	0.0	19.4	19.3	0.0	20.3
		1	12	19.2	0.0	19.4	19.4	0.0	20.3
		1	24	19.1	0.0	19.4	19.3	0.0	20.3
		12	0	18.9	0.0	19.4	19.1	0.1	20.2
		12	7	19.0	0.0	19.4	19.2	0.1	20.2
		12	13	19.0	0.0	19.4	19.2	0.1	20.2
		25	0	19.0	0.0	19.4	19.2	0.1	20.2
	256QAM	1	0	17.7	1.2	18.2	17.2	2.1	18.2
		1	12	17.8	1.2	18.2	17.4	2.1	18.2
		1	24	17.6	1.2	18.2	17.2	2.1	18.2
		12	0	17.5	1.2	18.2	17.1	2.1	18.2
		12	7	17.6	1.2	18.2	17.2	2.1	18.2
		12	13	17.6	1.2	18.2	17.2	2.1	18.2
		25	0	17.6	1.2	18.2	17.1	2.1	18.2

LTE Band 30 Measured Results (ANT3)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
				27710 / 2310 MHz	MPR	Tune-up Limit	27710 / 2310 MHz	MPR	Tune-up Limit
10 MHz	QPSK	1	0	22.9	0.0	23.6	20.0	0.0	20.4
		1	25	23.0	0.0	23.6	20.1	0.0	20.4
		1	49	22.9	0.0	23.6	20.0	0.0	20.4
		25	0	22.9	0.0	23.6	20.0	0.0	20.4
		25	12	22.9	0.0	23.6	20.1	0.0	20.4
		25	25	22.9	0.0	23.6	19.9	0.0	20.4
		50	0	22.8	0.0	23.6	20.0	0.0	20.4
	16QAM	1	0	22.9	0.0	23.6	20.0	0.0	20.4
		1	25	22.8	0.0	23.6	20.0	0.0	20.4
		1	49	22.9	0.0	23.6	20.0	0.0	20.4
		25	0	22.5	0.6	23.0	20.0	0.0	20.4
		25	12	22.5	0.6	23.0	20.0	0.0	20.4
		25	25	22.5	0.6	23.0	19.9	0.0	20.4
		50	0	22.5	0.6	23.0	20.0	0.0	20.4
	64QAM	1	0	22.7	0.6	23.0	20.0	0.0	20.4
		1	25	22.7	0.6	23.0	20.0	0.0	20.4
		1	49	22.6	0.6	23.0	20.0	0.0	20.4
		25	0	21.5	1.6	22.0	20.0	0.0	20.4
		25	12	21.5	1.6	22.0	20.0	0.0	20.4
		25	25	21.5	1.6	22.0	20.0	0.0	20.4
		50	0	21.5	1.6	22.0	20.0	0.0	20.4
	256QAM	1	0	19.5	3.6	20.0	19.6	0.4	20.0
		1	25	19.7	3.6	20.0	19.7	0.4	20.0
		1	49	19.6	3.6	20.0	19.6	0.4	20.0
		25	0	19.5	3.6	20.0	19.6	0.4	20.0
		25	12	19.5	3.6	20.0	19.6	0.4	20.0
		25	25	19.5	3.6	20.0	19.5	0.4	20.0
		50	0	19.5	3.6	20.0	19.5	0.4	20.0

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
				27710 / 2310 MHz	MPR	Tune-up Limit	27710 / 2310 MHz	MPR	Tune-up Limit
5 MHz	QPSK	1	0	22.6	0.0	23.6	19.9	0.0	20.4
		1	12	22.6	0.0	23.6	20.1	0.0	20.4
		1	24	22.5	0.0	23.6	19.9	0.0	20.4
		12	0	22.6	0.0	23.6	20.0	0.0	20.4
		12	7	22.6	0.0	23.6	20.0	0.0	20.4
		12	13	22.5	0.0	23.6	20.0	0.0	20.4
		25	0	22.5	0.0	23.6	20.0	0.0	20.4
	16QAM	1	0	22.9	0.0	23.6	20.0	0.0	20.4
		1	12	23.0	0.0	23.6	20.0	0.0	20.4
		1	24	22.9	0.0	23.6	20.0	0.0	20.4
		12	0	22.5	0.6	23.0	20.1	0.0	20.4
		12	7	22.6	0.6	23.0	20.1	0.0	20.4
		12	13	22.5	0.6	23.0	20.1	0.0	20.4
		25	0	22.4	0.6	23.0	20.0	0.0	20.4
	64QAM	1	0	22.6	0.6	23.0	20.1	0.0	20.4
		1	12	22.6	0.6	23.0	20.1	0.0	20.4
		1	24	22.5	0.6	23.0	20.0	0.0	20.4
		12	0	21.5	1.6	22.0	20.0	0.0	20.4
		12	7	21.5	1.6	22.0	20.0	0.0	20.4
		12	13	21.5	1.6	22.0	20.0	0.0	20.4
		25	0	21.5	1.6	22.0	20.0	0.0	20.4
	256QAM	1	0	19.6	3.6	20.0	19.6	0.4	20.0
		1	12	19.7	3.6	20.0	19.7	0.4	20.0
		1	24	19.6	3.6	20.0	19.6	0.4	20.0
		12	0	19.5	3.6	20.0	19.6	0.4	20.0
		12	7	19.5	3.6	20.0	19.6	0.4	20.0
		12	13	19.5	3.6	20.0	19.6	0.4	20.0
		25	0	19.5	3.6	20.0	19.6	0.4	20.0

LTE Band 30 Measured Results (ANT4)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
				27710 / 2310 MHz	MPR	Tune-up Limit	27710 / 2310 MHz	MPR	Tune-up Limit
10 MHz	QPSK	1	0	17.4	0.0	18.2	19.0	0.0	19.7
		1	25	17.6	0.0	18.2	19.1	0.0	19.7
		1	49	17.5	0.0	18.2	18.9	0.0	19.7
		25	0	17.3	0.0	18.2	18.9	0.0	19.7
		25	12	17.5	0.0	18.2	19.0	0.0	19.7
		25	25	17.4	0.0	18.2	18.9	0.0	19.7
		50	0	17.4	0.0	18.2	19.0	0.0	19.7
	16QAM	1	0	17.3	0.0	18.2	18.9	0.0	19.7
		1	25	17.4	0.0	18.2	18.8	0.0	19.7
		1	49	17.4	0.0	18.2	18.9	0.0	19.7
		25	0	17.1	0.0	18.2	18.6	0.0	19.7
		25	12	17.1	0.0	18.2	18.6	0.0	19.7
		25	25	17.1	0.0	18.2	18.6	0.0	19.7
		50	0	17.0	0.0	18.2	18.6	0.0	19.7
	64QAM	1	0	17.2	0.0	18.2	18.8	0.0	19.7
		1	25	17.3	0.0	18.2	18.8	0.0	19.7
		1	49	17.3	0.0	18.2	18.7	0.0	19.7
		25	0	17.1	0.0	18.2	18.5	0.0	19.7
		25	12	17.1	0.0	18.2	18.6	0.0	19.7
		25	25	17.2	0.0	18.2	18.5	0.0	19.7
		50	0	17.1	0.0	18.2	18.5	0.0	19.7
	256QAM	1	0	17.1	0.0	18.2	17.5	1.5	18.2
		1	25	17.3	0.0	18.2	17.5	1.5	18.2
		1	49	17.2	0.0	18.2	17.3	1.5	18.2
		25	0	17.1	0.0	18.2	17.3	1.5	18.2
		25	12	17.1	0.0	18.2	17.4	1.5	18.2
		25	25	17.2	0.0	18.2	17.3	1.5	18.2
		50	0	17.1	0.0	18.2	17.3	1.5	18.2

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
				27710 / 2310 MHz	MPR	Tune-up Limit	27710 / 2310 MHz	MPR	Tune-up Limit
5 MHz	QPSK	1	0	17.1	0.0	18.2	18.6	0.0	19.7
		1	12	17.2	0.0	18.2	18.7	0.0	19.7
		1	24	17.1	0.0	18.2	18.6	0.0	19.7
		12	0	17.1	0.0	18.2	18.6	0.0	19.7
		12	7	17.2	0.0	18.2	18.7	0.0	19.7
		12	13	17.1	0.0	18.2	18.6	0.0	19.7
		25	0	17.1	0.0	18.2	18.6	0.0	19.7
	16QAM	1	0	17.4	0.0	18.2	19.0	0.0	19.7
		1	12	17.5	0.0	18.2	19.1	0.0	19.7
		1	24	17.5	0.0	18.2	18.9	0.0	19.7
		12	0	17.1	0.0	18.2	18.6	0.0	19.7
		12	7	17.2	0.0	18.2	18.7	0.0	19.7
		12	13	17.2	0.0	18.2	18.6	0.0	19.7
		25	0	17.1	0.0	18.2	18.6	0.0	19.7
	64QAM	1	0	17.3	0.0	18.2	18.7	0.0	19.7
		1	12	17.4	0.0	18.2	18.8	0.0	19.7
		1	24	17.3	0.0	18.2	18.7	0.0	19.7
		12	0	17.1	0.0	18.2	18.5	0.0	19.7
		12	7	17.2	0.0	18.2	18.6	0.0	19.7
		12	13	17.2	0.0	18.2	18.5	0.0	19.7
		25	0	17.1	0.0	18.2	18.5	0.0	19.7
	256QAM	1	0	17.2	0.0	18.2	17.4	1.5	18.2
		1	12	17.3	0.0	18.2	17.5	1.5	18.2
		1	24	17.2	0.0	18.2	17.3	1.5	18.2
		12	0	17.0	0.0	18.2	17.3	1.5	18.2
		12	7	17.2	0.0	18.2	17.4	1.5	18.2
		12	13	17.1	0.0	18.2	17.3	1.5	18.2
		25	0	17.0	0.0	18.2	17.3	1.5	18.2

LTE Band 41 Power Class 3 Measured Results (ANT1)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)							Power Mode B (dBm)						
				39750	40185	40620	41055	41490	MPR	Tune-up Limit	39750	40185	40620	41055	41490	MPR	Tune-up Limit
				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 MHz	QPSK	1	0	25.1	24.9	25.0	24.7	24.6	0	25.7	21.3	21.0	21.3	20.9	20.8	0	22.2
		1	49	25.1	25.0	25.1	24.8	24.6	0	25.7	21.4	21.2	21.4	21.1	20.9	0	22.2
		1	99	25.0	24.9	24.9	24.7	24.5	0	25.7	21.4	21.1	21.4	20.8	20.7	0	22.2
		50	0	24.0	24.0	23.9	23.7	23.6	1	24.7	21.3	21.1	21.2	21.0	20.7	0	22.2
		50	24	24.1	24.0	24.1	23.8	23.6	1	24.7	21.4	21.2	21.4	21.0	20.8	0	22.2
		50	50	24.0	23.9	23.9	23.6	23.5	1	24.7	21.3	21.0	21.3	21.0	20.7	0	22.2
		100	0	24.1	24.0	24.1	23.8	23.6	1	24.7	21.1	21.0	21.1	20.9	20.7	0	22.2
	16QAM	1	0	24.1	24.1	24.0	23.8	23.7	1	24.7	21.1	21.0	21.1	20.9	20.8	0	22.2
		1	49	24.3	24.3	24.2	23.9	23.9	1	24.7	21.4	21.3	21.4	21.1	20.9	0	22.2
		1	99	24.0	24.0	24.0	23.8	23.7	1	24.7	21.1	21.1	21.1	20.8	20.7	0	22.2
		50	0	23.1	22.9	23.0	22.8	22.6	2	23.7	21.0	21.0	21.0	20.8	20.7	0	22.2
		50	24	23.1	22.9	23.0	22.7	22.6	2	23.7	20.9	21.0	21.0	20.8	20.7	0	22.2
		50	50	23.0	22.9	22.9	22.6	22.5	2	23.7	20.9	20.9	20.9	20.7	20.6	0	22.2
		100	0	23.1	22.9	22.9	22.7	22.6	2	23.7	21.0	20.9	20.9	20.8	20.6	0	22.2
	64QAM	1	0	23.0	22.9	23.0	22.7	22.6	2	23.7	20.9	20.9	20.9	20.8	20.7	0	22.2
		1	49	23.1	23.1	23.0	22.7	22.6	2	23.7	20.9	20.9	21.4	20.7	20.7	0	22.2
		1	99	23.0	22.9	22.8	22.7	22.5	2	23.7	20.9	20.9	21.0	20.8	20.6	0	22.2
		50	0	22.1	21.9	22.0	21.8	21.6	3	22.7	21.0	21.0	21.0	20.8	20.7	0	22.2
		50	24	22.1	21.9	22.0	21.8	21.6	3	22.7	20.9	20.9	20.9	20.8	20.7	0	22.2
		50	50	22.0	21.8	21.9	21.7	21.5	3	22.7	20.9	20.9	20.9	20.7	20.6	0	22.2
		100	0	22.1	21.9	21.9	21.8	21.6	3	22.7	20.9	20.9	20.9	20.8	20.7	0	22.2
	256QAM	1	0	20.1	19.9	20.0	19.8	19.5	5	20.7	19.4	19.6	19.5	19.4	19.2	1.5	20.7
		1	49	20.1	19.8	19.9	19.8	19.4	5	20.7	19.5	19.5	19.5	19.3	19.2	1.5	20.7
		1	99	19.9	19.8	19.9	19.7	19.4	5	20.7	19.4	19.4	19.5	19.3	19.1	1.5	20.7
		50	0	20.1	20.0	20.0	19.8	19.6	5	20.7	19.5	19.5	19.5	19.3	19.2	1.5	20.7
		50	24	20.1	19.9	20.0	19.8	19.6	5	20.7	19.5	19.4	19.5	19.3	19.1	1.5	20.7
		50	50	20.0	19.9	19.9	19.7	19.5	5	20.7	19.5	19.4	19.4	19.2	19.1	1.5	20.7
		100	0	20.1	19.9	19.9	19.8	19.6	5	20.7	19.4	19.4	19.4	19.3	19.1	1.5	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)							Power Mode B (dBm)						
				39750	40185	40620	41055	41490	MPR	Tune-up Limit	39750	40185	40620	41055	41490	MPR	Tune-up Limit
				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 MHz	QPSK	1	0	25.1	25.0	24.9	24.7	24.6	0	25.7	21.0	20.9	20.9	20.8	21.1	0	22.2
		1	37	25.0	24.9	24.9	24.7	24.6	0	25.7	21.0	21.1	20.9	20.9	21.1	0	22.2
		1	74	24.9	24.9	24.9	24.7	24.5	0	25.7	20.9	21.0	21.0	20.8	21.0	0	22.2
		36	0	24.0	24.0	24.0	23.8	23.7	1	24.7	21.0	21.0	21.0	20.8	21.1	0	22.2
		36	20	24.1	23.9	24.0	23.8	23.6	1	24.7	21.0	21.0	20.9	20.8	21.1	0	22.2
		36	39	24.0	23.9	23.9	23.7	23.6	1	24.7	20.9	21.0	20.9	20.8	21.1	0	22.2
		75	0	24.0	23.9	24.0	23.7	23.6	1	24.7	21.0	20.9	21.0	20.8	21.1	0	22.2
	16QAM	1	0	23.9	23.9	24.0	23.8	23.7	1	24.7	21.0	21.0	21.0	21.0	21.1	0	22.2
		1	37	24.0	23.9	24.0	23.7	23.6	1	24.7	21.0	21.2	21.2	21.0	21.4	0	22.2
		1	74	23.9	24.0	23.9	23.8	23.6	1	24.7	20.9	21.0	21.0	20.9	21.1	0	22.2
		36	0	23.1	23.0	23.0	22.8	22.7	2	23.7	21.0	21.0	21.0	20.8	21.1	0	22.2
		36	20	23.1	22.9	23.0	22.7	22.7	2	23.7	21.0	21.0	21.0	20.8	21.1	0	22.2
		36	39	23.0	22.9	22.9	22.7	22.6	2	23.7	20.9	20.9	20.9	20.8	21.1	0	22.2
		75	0	23.1	22.9	23.0	22.8	22.7	2	23.7	21.0	21.0	21.0	20.8	21.1	0	22.2
	64QAM	1	0	22.9	22.9	22.9	22.7	22.6	2	23.7	20.9	21.0	20.9	20.8	21.0	0	22.2
		1	37	23.0	22.9	22.9	22.7	22.5	2	23.7	20.9	21.2	21.0	20.9	21.4	0	22.2
		1	74	22.8	22.9	22.9	22.7	22.6	2	23.7	20.8	21.0	21.0	20.9	21.0	0	22.2
		36	0	22.1	22.0	22.0	21.8	21.6	3	22.7	21.0	21.0	21.0	20.9	21.1	0	22.2
		36	20	22.1	21.9	22.0	21.8	21.6	3	22.7	21.0	21.0	21.0	20.8	21.1	0	22.2
		36	39	22.0	21.9	21.9	21.7	21.6	3	22.7	20.9	21.0	20.9	20.8	21.1	0	22.2
		75	0	22.1	21.9	22.0	21.8	21.6	3	22.7	21.0	21.0	21.0	20.8	21.1	0	22.2
	256QAM	1	0	20.0	20.0	20.0	19.9	19.6	5	20.7	19.6	19.5	19.5	19.4	19.7	1.5	20.7
		1	37	20.0	20.0	20.0	19.9	19.5	5	20.7	19.4	19.5	19.6	19.4	19.7	1.5	20.7
		1	74	19.9	19.8	19.9	19.8	19.5	5	20.7	19.3	19.4	19.5	19.4	19.6	1.5	20.7
		36	0	20.1	20.0	20.0	19.8	19.6	5	20.7	19.5	19.5	19.5	19.4	19.6	1.5	20.7
		36	20	20.1	19.9	20.0	19.8	19.6	5	20.7	19.5	19.5	19.5	19.3	19.6	1.5	20.7
		36	39	20.0	19.9	19.9	19.7	19.6	5	20.7	19.4	19.5	19.4	19.3	19.6	1.5	20.7
		75	0	20.1	19.9	20.0	19.8	19.6	5	20.7	19.5	19.5	19.5	19.4	19.6	1.5	20.7

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

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)							Power Mode B (dBm)						
				39750	40185	40620	41055	41490	MPR	Tune-up Limit	39750	40185	40620	41055	41490	MPR	Tune-up Limit
				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 MHz	QPSK	1	0	25.0	24.4	24.5	24.2	24.1	0	25.7	21.1	21.0	21.0	20.8	20.7	0	22.2
		1	25	25.0	24.4	24.5	24.2	24.0	0	25.7	21.1	21.0	21.0	20.8	20.7	0	22.2
		1	49	24.9	24.3	24.4	24.1	23.9	0	25.7	21.0	20.9	21.0	20.8	20.6	0	22.2
		25	0	24.0	23.4	23.4	23.2	23.0	1	24.7	21.1	21.0	21.1	20.9	20.7	0	22.2
		25	12	23.0	23.4	23.5	23.3	23.1	1	24.7	21.1	21.0	21.1	20.9	20.7	0	22.2
		25	25	24.0	23.4	23.4	23.2	23.0	1	24.7	21.0	21.0	21.0	20.8	20.7	0	22.2
		50	0	24.0	23.3	23.5	23.2	23.1	1	24.7	21.1	21.0	21.1	20.9	20.7	0	22.2
	16QAM	1	0	23.3	23.5	23.5	23.3	23.0	1	24.7	21.2	21.0	21.1	20.8	20.6	0	22.2
		1	25	23.2	23.5	23.5	23.2	23.0	1	24.7	21.2	21.0	21.0	20.7	20.6	0	22.2
		1	49	23.2	23.5	23.4	23.2	22.9	1	24.7	21.1	21.0	21.1	20.7	20.5	0	22.2
		25	0	23.0	22.4	22.5	22.2	22.1	2	23.7	21.1	21.0	21.0	20.9	20.7	0	22.2
		25	12	22.1	22.4	22.5	22.2	22.1	2	23.7	21.1	21.0	21.1	20.9	20.7	0	22.2
		25	25	23.0	22.4	22.4	22.2	22.0	2	23.7	21.0	21.0	21.0	20.8	20.6	0	22.2
		50	0	23.0	22.3	22.5	22.2	22.1	2	23.7	21.1	21.0	21.1	20.9	20.7	0	22.2
	64QAM	1	0	23.0	22.3	22.4	22.1	22.0	2	23.7	21.1	20.9	21.0	20.8	20.6	0	22.2
		1	25	23.0	22.3	22.4	22.1	22.0	2	23.7	21.1	21.0	21.0	20.8	20.7	0	22.2
		1	49	22.9	22.2	22.3	22.0	21.9	2	23.7	21.0	20.9	20.9	20.7	20.6	0	22.2
		25	0	22.0	21.4	21.5	21.2	21.0	3	22.7	21.1	21.0	21.0	20.9	20.7	0	22.2
		25	12	22.0	21.3	21.5	21.2	21.1	3	22.7	21.1	21.0	21.1	20.9	20.8	0	22.2
		25	25	21.9	21.3	21.4	21.1	21.0	3	22.7	21.0	21.0	21.0	20.8	20.7	0	22.2
		50	0	22.0	21.3	21.5	21.2	21.1	3	22.7	21.1	21.0	21.1	20.9	20.7	0	22.2
	256QAM	1	0	19.9	19.3	19.4	19.1	19.0	5	20.7	19.6	19.5	19.5	19.3	19.2	1.5	20.7
		1	25	19.9	19.3	19.4	19.1	19.0	5	20.7	19.6	19.5	19.5	19.3	19.2	1.5	20.7
		1	49	20.0	19.2	19.3	19.0	18.8	5	20.7	19.5	19.3	19.4	19.1	19.0	1.5	20.7
		25	0	20.0	19.3	19.4	19.2	19.1	5	20.7	19.6	19.5	19.5	19.4	19.2	1.5	20.7
		25	12	20.0	19.3	19.5	19.2	19.1	5	20.7	19.6	19.5	19.6	19.4	19.3	1.5	20.7
		25	25	19.9	19.3	19.4	19.1	19.0	5	20.7	19.6	19.5	19.5	19.3	19.2	1.5	20.7
		50	0	20.0	19.3	19.5	19.2	19.1	5	20.7	19.6	19.5	19.6	19.4	19.3	1.5	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)							Power Mode B (dBm)						
				39750	40185	40620	41055	41490	MPR	Tune-up Limit	39750	40185	40620	41055	41490	MPR	Tune-up Limit
				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 MHz	QPSK	1	0	25.0	24.9	25.0	24.9	24.9	0	25.7	21.1	20.9	21.0	20.8	20.6	0	22.2
		1	12	25.0	25.0	25.0	24.9	24.8	0	25.7	21.2	21.0	21.1	20.8	20.7	0	22.2
		1	24	25.0	24.9	24.9	24.9	24.7	0	25.7	21.1	20.9	21.0	20.8	20.7	0	22.2
		12	0	24.0	23.9	24.0	23.9	23.8	1	24.7	21.1	21.1	21.0	20.9	20.7	0	22.2
		12	7	24.0	23.9	24.0	24.0	23.8	1	24.7	21.2	21.0	21.1	20.9	20.7	0	22.2
		12	13	24.0	23.8	24.0	24.0	23.8	1	24.7	21.1	20.9	21.0	20.8	20.7	0	22.2
		25	0	24.0	23.8	24.0	23.9	23.7	1	24.7	21.1	20.9	21.0	20.8	20.7	0	22.2
	16QAM	1	0	23.4	23.4	24.0	23.9	23.7	1	24.7	21.3	21.0	21.2	20.8	20.7	0	22.2
		1	12	23.5	23.4	23.5	24.0	23.9	1	24.7	21.3	21.0	21.3	21.0	20.8	0	22.2
		1	24	23.4	23.4	23.4	23.9	23.7	1	24.7	21.3	21.0	21.2	20.8	20.7	0	22.2
		12	0	22.9	22.9	22.9	22.9	22.7	2	23.7	21.1	21.1	21.2	21.0	20.7	0	22.2
		12	7	23.0	22.9	22.9	22.9	22.8	2	23.7	21.1	21.0	21.2	21.0	20.7	0	22.2
		12	13	23.0	22.9	22.9	22.9	22.7	2	23.7	21.1	21.0	21.1	21.0	20.7	0	22.2
		25	0	23.0	22.9	23.0	22.9	22.8	2	23.7	21.1	21.0	21.1	20.9	20.7	0	22.2
	64QAM	1	0	23.0	23.0	22.9	23.0	22.7	2	23.7	21.2	21.0	21.0	20.8	20.6	0	22.2
		1	12	22.4	22.9	23.0	23.0	22.8	2	23.7	21.2	21.1	21.1	20.9	20.7	0	22.2
		1	24	23.0	22.9	22.9	22.9	22.8	2	23.7	21.1	21.0	21.0	20.9	20.7	0	22.2
		12	0	22.0	21.9	22.0	22.0	21.8	3	22.7	21.2	21.1	21.0	20.8	20.7	0	22.2
		12	7	21.4	21.9	22.0	22.0	21.8	3	22.7	21.2	21.0	21.1	20.9	20.7	0	22.2
		12	13	22.0	21.8	22.0	21.9	21.8	3	22.7	21.1	20.9	21.0	20.9	20.7	0	22.2
		25	0	21.2	21.9	22.0	21.9	21.8	3	22.7	21.1	21.0	21.0	20.8	20.7	0	22.2
	256QAM	1	0	20.0	19.9	20.0	20.0	19.7	5	20.7	19.6	19.5	19.5	19.4	19.2	1.5	20.7
		1	12	19.5	19.9	20.0	20.0	19.8	5	20.7	19.7	19.6	19.6	19.4	19.2	1.5	20.7
		1	24	20.0	19.8	19.9	19.9	19.7	5	20.7	19.6	19.5	19.5	19.4	19.1	1.5	20.7
		12	0	20.0	19.9	20.0	19.9	19.8	5	20.7	19.6	19.5	19.5	19.4	19.3	1.5	20.7
		12	7	20.0	19.9	20.0	19.9	19.9	5	20.7	19.7	19.5	19.6	19.4	19.3	1.5	20.7
		12	13	20.0	19.8	20.0	19.9	19.8	5	20.7	19.6	19.5	19.5	19.4	19.2	1.5	20.7
		25	0	20.0	19.8	20.0	20.0	19.8	5	20.7	19.6	19.5	19.6	19.4	19.2	1.5	20.7

LTE Band 41 Power Class 3 Measured Results (ANT2)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)							Power Mode B (dBm)						
				39750	40185	40620	41055	41490	MPR	Tune-up Limit	39750	40185	40620	41055	41490	MPR	Tune-up Limit
				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 MHz	QPSK	1	0	17.8	18.0	17.9	17.9	17.6	0	18.6	19.4	19.4	19.4	19.4	19.3	0	20.1
		1	49	17.9	18.1	18.1	18.0	17.7	0	18.6	19.4	19.5	19.5	19.5	19.5	0	20.1
		1	99	17.8	18.0	17.8	18.0	17.6	0	18.6	19.3	19.4	19.4	19.4	19.3	0	20.1
		50	0	17.9	18.1	17.9	18.1	17.6	0	18.6	19.4	19.5	19.4	19.5	19.4	0	20.1
		50	24	18.0	18.1	18.1	18.1	17.7	0	18.6	19.4	19.5	19.5	19.5	19.5	0	20.1
		50	50	17.8	18.0	17.8	18.1	17.5	0	18.6	19.3	19.4	19.4	19.5	19.3	0	20.1
		100	0	17.9	17.9	18.0	18.0	17.6	0	18.6	19.4	19.4	19.5	19.5	19.4	0	20.1
	16QAM	1	0	17.9	18.0	18.0	18.0	17.7	0	18.6	19.4	19.4	19.4	19.4	19.2	0	20.1
		1	49	18.0	17.9	18.0	18.0	17.7	0	18.6	19.2	19.5	19.4	19.5	19.2	0	20.1
		1	99	18.0	17.9	18.0	17.9	17.6	0	18.6	19.4	19.4	19.4	19.5	19.2	0	20.1
		50	0	17.9	18.0	17.9	18.0	17.6	0	18.6	19.4	19.5	19.4	19.5	19.1	0	20.1
		50	24	17.9	18.0	17.9	18.1	17.6	0	18.6	19.4	19.4	19.4	19.5	19.2	0	20.1
		50	50	17.8	18.0	17.8	18.1	17.5	0	18.6	19.3	19.4	19.4	19.5	19.2	0	20.1
		100	0	17.9	18.0	17.9	18.0	17.6	0	18.6	19.4	19.4	19.1	19.4	19.2	0	20.1
	64QAM	1	0	17.8	18.1	17.9	18.0	17.6	0	18.6	19.1	19.4	19.5	19.4	19.2	0	20.1
		1	49	17.8	18.1	17.8	17.9	17.6	0	18.6	19.4	19.5	19.3	19.4	19.2	0	20.1
		1	99	17.8	18.1	17.9	18.1	17.6	0	18.6	19.3	19.4	19.3	19.5	19.2	0	20.1
		50	0	17.9	18.1	17.9	18.0	17.7	0	18.6	19.4	19.5	19.4	19.5	19.2	0	20.1
		50	24	17.9	18.0	17.9	18.1	17.6	0	18.6	19.4	19.4	19.4	19.5	19.2	0	20.1
		50	50	17.8	18.0	17.8	18.0	17.5	0	18.6	19.3	19.4	19.3	19.5	19.2	0	20.1
		100	0	17.9	18.0	17.9	18.0	17.7	0	18.6	19.4	19.4	19.4	19.5	19.2	0	20.1
	256QAM	1	0	17.8	18.0	17.8	18.0	17.6	0	18.6	19.5	19.4	19.5	19.4	19.2	0	20.1
		1	49	17.8	18.1	17.8	18.1	17.6	0	18.6	19.4	19.5	19.1	19.5	19.2	0	20.1
		1	99	17.7	18.0	17.7	18.0	17.6	0	18.6	19.4	19.4	19.4	19.4	19.2	0	20.1
		50	0	17.9	18.1	17.9	18.0	17.7	0	18.6	19.4	19.4	19.4	19.4	19.2	0	20.1
		50	24	17.9	18.0	17.9	18.0	17.7	0	18.6	19.1	19.4	19.4	19.5	19.2	0	20.1
		50	50	17.8	18.1	17.8	18.0	17.6	0	18.6	19.4	19.4	19.3	19.4	19.2	0	20.1
		100	0	17.9	18.0	17.9	18.0	17.6	0	18.6	19.4	19.4	19.4	19.4	19.2	0	20.1

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)							Power Mode B (dBm)						
				39750	40185	40620	41055	41490	MPR	Tune-up Limit	39750	40185	40620	41055	41490	MPR	Tune-up Limit
				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 MHz	QPSK	1	0	17.8	18.0	17.8	18.0	17.6	0	18.6	19.5	19.4	19.4	19.5	19.2	0	20.1
		1	37	17.8	18.1	17.8	18.0	17.5	0	18.6	19.4	19.5	19.4	19.5	19.2	0	20.1
		1	74	17.8	18.0	17.8	17.9	17.6	0	18.6	19.4	19.4	19.4	19.3	19.2	0	20.1
		36	0	17.9	18.0	17.9	18.0	17.6	0	18.6	19.4	19.5	19.4	19.5	19.2	0	20.1
		36	20	17.9	18.0	17.9	18.0	17.6	0	18.6	19.5	19.5	19.4	19.5	19.2	0	20.1
		36	39	17.8	18.0	17.8	18.0	17.5	0	18.6	19.4	19.4	19.4	19.4	19.2	0	20.1
		75	0	17.9	18.0	17.9	18.0	17.6	0	18.6	19.4	19.4	19.4	19.5	19.2	0	20.1
	16QAM	1	0	17.8	17.9	17.8	18.1	17.5	0	18.6	19.5	19.3	19.4	19.3	19.2	0	20.1
		1	37	17.7	18.0	17.8	18.1	17.4	0	18.6	19.5	19.4	19.4	19.4	19.2	0	20.1
		1	74	17.7	17.9	17.6	18.0	17.5	0	18.6	19.5	19.3	19.4	19.3	19.2	0	20.1
		36	0	17.9	18.1	17.9	18.0	17.6	0	18.6	19.5	19.5	19.4	19.5	19.2	0	20.1
		36	20	17.9	18.0	17.9	18.0	17.6	0	18.6	19.5	19.5	19.4	19.5	19.2	0	20.1
		36	39	17.8	18.1	17.8	18.0	17.5	0	18.6	19.5	19.5	19.4	19.4	19.2	0	20.1
		75	0	17.9	18.0	17.9	18.1	17.6	0	18.6	19.5	19.4	19.4	19.5	19.2	0	20.1
	64QAM	1	0	17.8	18.0	17.8	17.9	17.6	0	18.6	19.4	19.5	19.4	19.5	19.1	0	20.1
		1	37	17.9	18.0	17.8	18.0	17.6	0	18.6	19.5	19.4	19.4	19.5	19.1	0	20.1
		1	74	17.8	17.9	17.7	17.9	17.5	0	18.6	19.4	19.4	19.4	19.3	19.2	0	20.1
		36	0	17.9	18.1	17.9	18.0	17.6	0	18.6	19.4	19.5	19.4	19.5	19.2	0	20.1
		36	20	17.9	18.0	17.9	18.1	17.6	0	18.6	19.5	19.4	19.4	19.5	19.2	0	20.1
		36	39	17.8	18.1	17.8	18.0	17.6	0	18.6	19.4	19.4	19.4	19.4	19.2	0	20.1
		75	0	17.9	18.0	17.9	18.1	17.6	0	18.6	19.4	19.4	19.4	19.5	19.2	0	20.1
	256QAM	1	0	17.8	18.0	17.9	17.9	17.6	0	18.6	19.4	19.5	19.4	19.4	19.2	0	20.1
		1	37	17.7	18.0	17.9	17.9	17.5	0	18.6	19.5	19.4	19.4	19.4	19.2	0	20.1
		1	74	17.7	18.0	17.8	17.8	17.5	0	18.6	19.4	19.2	19.4	19.3	19.2	0	20.1
		36	0	17.9	18.1	17.9	18.0	17.6	0	18.6	19.5	19.5	19.4	19.5	19.2	0	20.1
		36	20	17.9	18.0	17.9	18.1	17.6	0	18.6	19.5	19.4	19.4	19.5	19.2	0	20.1
		36	39	17.8	18.0	17.9	18.0	17.6	0	18.6	19.5	19.4	19.4	19.4	19.2	0	20.1
		75	0	17.9	18.0	17.9	18.0	17.6	0	18.6	19.5	19.4	19.4	19.5	19.2	0	20.1

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

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)							Power Mode B (dBm)						
				39750	40185	40620	41055	41490	MPR	Tune-up Limit	39750	40185	40620	41055	41490	MPR	Tune-up Limit
				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 MHz	QPSK	1	0	18.0	17.9	18.0	17.8	17.7	0	18.6	19.4	19.3	19.5	19.3	19.2	0	20.1
		1	25	18.1	17.9	18.0	17.8	17.8	0	18.6	19.4	19.3	19.5	19.3	19.3	0	20.1
		1	49	18.0	17.9	17.9	17.8	17.7	0	18.6	19.4	19.3	19.5	19.3	19.2	0	20.1
		25	0	18.1	17.9	18.0	17.9	17.8	0	18.6	19.4	19.4	19.5	19.4	19.3	0	20.1
		25	12	18.1	17.8	18.0	17.9	17.8	0	18.6	19.4	19.3	19.5	19.3	19.3	0	20.1
		25	25	18.0	17.8	18.0	17.8	17.8	0	18.6	19.4	19.3	19.5	19.2	19.3	0	20.1
		50	0	18.1	17.9	18.0	17.9	17.8	0	18.6	19.4	19.3	19.5	19.3	19.3	0	20.1
	16QAM	1	0	17.9	17.8	17.9	17.7	17.8	0	18.6	19.4	19.3	19.5	19.3	19.1	0	20.1
		1	25	17.9	17.9	17.9	17.8	17.8	0	18.6	19.4	19.2	19.5	19.3	19.1	0	20.1
		1	49	18.1	17.8	17.8	17.7	17.7	0	18.6	19.4	19.3	19.5	19.3	19.0	0	20.1
		25	0	18.1	18.0	18.0	17.9	17.7	0	18.6	19.4	19.4	19.5	19.3	19.3	0	20.1
		25	12	18.1	17.9	18.0	17.9	17.8	0	18.6	19.4	19.3	19.5	19.3	19.3	0	20.1
		25	25	18.1	17.9	18.0	17.8	17.8	0	18.6	19.4	19.3	19.5	19.2	19.2	0	20.1
		50	0	18.1	17.9	18.1	17.9	17.8	0	18.6	19.4	19.3	19.5	19.3	19.3	0	20.1
	64QAM	1	0	17.9	17.8	17.9	17.8	17.7	0	18.6	19.4	19.2	19.5	19.2	19.2	0	20.1
		1	25	18.0	17.8	18.0	17.8	17.7	0	18.6	19.4	19.2	19.5	19.1	19.3	0	20.1
		1	49	18.0	17.8	17.8	17.7	17.5	0	18.6	19.4	19.2	19.5	19.1	19.2	0	20.1
		25	0	18.1	17.9	18.0	17.9	17.8	0	18.6	19.4	19.4	19.4	19.3	19.3	0	20.1
		25	12	17.9	17.9	18.1	17.9	17.8	0	18.6	19.4	19.3	19.5	19.3	19.3	0	20.1
		25	25	18.1	17.9	17.9	17.8	17.8	0	18.6	19.4	19.2	19.5	19.2	19.3	0	20.1
		50	0	18.1	17.9	18.0	17.9	17.8	0	18.6	19.4	19.3	19.5	19.3	19.3	0	20.1
	256QAM	1	0	18.1	17.9	17.9	17.8	17.7	0	18.6	19.4	19.4	19.5	19.3	19.1	0	20.1
		1	25	18.1	17.8	18.0	17.8	17.8	0	18.6	19.4	19.3	19.5	19.3	19.2	0	20.1
		1	49	17.9	17.8	17.8	17.7	17.7	0	18.6	19.4	19.3	19.5	19.1	19.1	0	20.1
		25	0	18.1	17.9	17.9	17.9	17.8	0	18.6	19.4	19.3	19.5	19.3	19.3	0	20.1
		25	12	17.9	17.9	18.0	17.9	17.8	0	18.6	19.4	19.3	19.5	19.3	19.3	0	20.1
		25	25	18.1	17.9	17.9	17.8	17.8	0	18.6	19.4	19.3	19.5	19.2	19.3	0	20.1
		50	0	18.1	17.9	18.0	17.9	17.8	0	18.6	19.4	19.3	19.5	19.3	19.3	0	20.1

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)							Power Mode B (dBm)						
				39750	40185	40620	41055	41490	MPR	Tune-up Limit	39750	40185	40620	41055	41490	MPR	Tune-up Limit
				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 MHz	QPSK	1	0	18.0	17.8	17.9	17.8	17.7	0	18.6	19.5	19.3	19.4	19.3	19.2	0	20.1
		1	12	18.1	17.9	18.0	17.8	17.8	0	18.6	19.5	19.3	19.5	19.2	19.3	0	20.1
		1	24	18.0	17.8	17.9	17.9	17.7	0	18.6	19.5	19.3	19.5	19.2	19.2	0	20.1
		12	0	18.1	17.9	18.0	17.9	17.8	0	18.6	19.5	19.4	19.5	19.3	19.3	0	20.1
		12	7	18.1	17.9	18.0	17.9	17.8	0	18.6	19.5	19.3	19.6	19.3	19.3	0	20.1
		12	13	18.0	17.9	18.0	17.8	17.8	0	18.6	19.5	19.3	19.5	19.2	19.3	0	20.1
		25	0	18.1	17.9	18.0	17.9	17.8	0	18.6	19.5	19.3	19.5	19.3	19.3	0	20.1
	16QAM	1	0	18.0	17.9	17.9	18.1	17.6	0	18.6	19.5	19.4	19.5	19.3	19.2	0	20.1
		1	12	18.1	18.0	18.0	18.0	17.8	0	18.6	19.5	19.5	19.5	19.3	19.2	0	20.1
		1	24	17.9	17.9	18.0	18.0	17.7	0	18.6	19.5	19.4	19.5	19.3	19.2	0	20.1
		12	0	18.0	18.0	18.0	17.9	17.7	0	18.6	19.5	19.4	19.4	19.3	19.3	0	20.1
		12	7	18.0	17.9	18.0	17.9	17.7	0	18.6	19.5	19.3	19.5	19.3	19.3	0	20.1
		12	13	17.9	17.9	18.0	17.8	17.7	0	18.6	19.5	19.3	19.4	19.2	19.3	0	20.1
		25	0	18.0	17.9	18.0	17.9	17.8	0	18.6	19.5	19.3	19.5	19.3	19.4	0	20.1
	64QAM	1	0	18.1	17.8	18.0	17.9	17.7	0	18.6	19.5	19.3	19.4	19.3	19.2	0	20.1
		1	12	18.1	17.9	18.1	17.9	17.8	0	18.6	19.5	19.4	19.5	19.3	19.3	0	20.1
		1	24	18.1	17.8	18.0	17.9	17.8	0	18.6	19.5	19.4	19.5	19.3	19.2	0	20.1
		12	0	18.1	18.0	18.0	17.9	17.8	0	18.6	19.5	19.4	19.5	19.3	19.2	0	20.1
		12	7	18.1	17.9	18.1	17.9	17.8	0	18.6	19.5	19.3	19.5	19.3	19.3	0	20.1
		12	13	18.0	17.9	18.0	17.8	17.8	0	18.6	19.5	19.3	19.5	19.2	19.2	0	20.1
		25	0	18.1	17.9	18.1	17.9	17.8	0	18.6	19.5	19.2	19.5	19.3	19.3	0	20.1
	256QAM	1	0	18.0	17.9	17.9	17.9	17.7	0	18.6	19.5	19.4	19.4	19.3	19.2	0	20.1
		1	12	18.1	17.8	18.0	17.8	17.9	0	18.6	19.5	19.3	19.5	19.2	19.3	0	20.1
		1	24	18.0	17.8	17.9	17.8	17.7	0	18.6	19.5	19.2	19.4	19.0	19.2	0	20.1
		12	0	18.1	18.0	18.0	17.9	17.8	0	18.6	19.5	19.4	19.5	19.3	19.3	0	20.1
		12	7	18.1	17.9	18.1	17.9	17.8	0	18.6	19.5	19.3	19.5	19.3	19.3	0	20.1
		12	13	18.0	17.9	18.0	17.8	17.8	0	18.6	19.5	19.3	19.5	19.2	19.3	0	20.1
		25	0	18.1	17.9	18.0	17.9	17.8	0	18.6	19.5	19.3	19.5	19.3	19.3	0	20.1

LTE Band 41 Power Class 3 Measured Results (ANT3)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)							Power Mode B (dBm)						
				39750	40185	40620	41055	41490	MPR	Tune-up Limit	39750	40185	40620	41055	41490	MPR	Tune-up Limit
				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 MHz	QPSK	1	0	25.3	25.4	25.2	25.0	25.0	0	25.7	20.0	20.0	19.9	20.0	19.9	0	21.2
		1	49	25.5	25.5	25.5	25.2	25.0	0	25.7	20.0	20.0	20.1	20.1	20.1	0	21.2
		1	99	25.5	25.4	25.3	25.1	25.0	0	25.7	20.0	20.0	20.0	19.9	20.0	0	21.2
		50	0	24.0	24.5	24.3	24.2	24.0	1	24.7	19.9	19.9	20.0	20.0	20.0	0	21.2
		50	24	24.4	24.6	24.6	24.3	24.3	1	24.7	20.0	20.0	20.1	20.1	20.1	0	21.2
		50	50	24.4	24.4	24.2	24.0	24.1	1	24.7	19.9	20.0	20.0	20.0	20.0	0	21.2
		100	0	24.5	24.4	24.5	24.2	24.0	1	24.7	19.8	19.8	20.0	19.9	19.9	0	21.2
	16QAM	1	0	24.6	24.5	24.3	24.2	24.0	1	24.7	20.0	19.9	20.0	19.9	20.0	0	21.2
		1	49	24.4	24.6	24.5	24.1	24.3	1	24.7	19.9	20.0	20.0	20.0	20.0	0	21.2
		1	99	24.4	24.4	24.2	24.0	24.1	1	24.7	20.0	20.0	20.0	20.0	20.0	0	21.2
		50	0	23.1	23.4	23.2	23.0	22.9	2	23.7	20.0	19.9	20.0	20.0	20.0	0	21.2
		50	24	23.3	23.3	23.3	23.0	22.9	2	23.7	20.0	20.0	19.9	20.0	20.0	0	21.2
		50	50	23.3	23.3	23.2	22.9	22.8	2	23.7	19.9	20.0	20.0	20.0	20.0	0	21.2
		100	0	23.3	23.3	23.2	23.0	22.9	2	23.7	20.0	19.9	20.0	20.0	20.0	0	21.2
	64QAM	1	0	23.0	23.4	23.2	23.1	22.9	2	23.7	19.9	20.0	20.0	20.0	20.0	0	21.2
		1	49	23.3	23.4	23.3	22.9	22.9	2	23.7	19.9	19.9	19.9	19.9	20.0	0	21.2
		1	99	23.4	23.3	23.2	23.0	22.9	2	23.7	20.0	19.9	19.9	20.0	19.9	0	21.2
		50	0	22.1	22.4	22.2	22.0	21.9	3	22.7	19.9	20.0	20.0	19.9	20.0	0	21.2
		50	24	22.3	22.3	22.3	22.0	22.0	3	22.7	20.0	19.9	20.0	20.0	19.9	0	21.2
		50	50	22.4	22.3	22.2	21.9	21.9	3	22.7	20.0	20.0	19.9	20.0	20.0	0	21.2
		100	0	22.3	22.3	22.2	22.1	21.9	3	22.7	20.0	20.0	20.0	20.0	20.0	0	21.2
	256QAM	1	0	20.2	20.1	20.2	20.1	20.1	5	20.7	19.9	20.0	20.0	19.9	19.9	0.5	20.7
		1	49	20.2	20.2	20.1	20.2	20.1	5	20.7	20.0	19.9	19.9	19.9	19.9	0.5	20.7
		1	99	20.1	20.2	20.2	20.1	20.1	5	20.7	20.0	20.0	19.9	20.0	19.9	0.5	20.7
		50	0	20.1	20.1	20.2	20.2	20.2	5	20.7	20.0	19.9	20.0	20.0	19.9	0.5	20.7
		50	24	20.2	20.2	20.1	20.1	20.2	5	20.7	19.9	19.9	20.0	19.9	19.9	0.5	20.7
		50	50	20.2	20.1	20.2	20.1	20.1	5	20.7	20.0	19.9	19.9	19.9	20.0	0.5	20.7
		100	0	20.1	20.2	20.2	20.1	20.1	5	20.7	20.0	20.0	19.9	20.0	19.9	0.5	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)							Power Mode B (dBm)						
				39750	40185	40620	41055	41490	MPR	Tune-up Limit	39750	40185	40620	41055	41490	MPR	Tune-up Limit
				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 MHz	QPSK	1	0	25.0	25.3	25.2	25.0	24.9	0	25.7	20.0	20.0	19.9	20.0	20.0	0	21.2
		1	37	25.2	25.3	25.1	24.9	24.9	0	25.7	20.0	20.0	19.9	19.9	20.0	0	21.2
		1	74	25.3	25.3	25.2	24.9	24.8	0	25.7	19.9	20.0	20.0	20.0	20.0	0	21.2
		36	0	24.1	24.3	24.2	24.0	23.9	1	24.7	20.0	20.0	20.0	20.0	20.0	0	21.2
		36	20	24.3	24.3	24.2	24.0	23.9	1	24.7	20.0	19.9	19.9	20.0	19.9	0	21.2
		36	39	24.3	24.3	24.1	23.9	23.8	1	24.7	20.0	20.0	19.9	19.9	20.0	0	21.2
		75	0	24.3	24.2	24.2	24.0	23.9	1	24.7	19.9	20.0	20.0	20.0	20.0	0	21.2
	16QAM	1	0	24.0	24.3	24.2	24.0	23.8	1	24.7	20.0	20.0	19.9	20.0	20.0	0	21.2
		1	37	24.3	24.2	24.2	23.9	23.8	1	24.7	19.9	20.0	19.9	20.0	20.0	0	21.2
		1	74	24.3	24.2	24.2	23.9	23.7	1	24.7	19.9	20.0	20.0	20.0	20.0	0	21.2
		36	0	23.1	23.3	23.2	23.0	22.9	2	23.7	19.9	20.0	19.9	20.0	20.0	0	21.2
		36	20	23.3	23.3	23.2	23.0	22.9	2	23.7	20.0	20.0	19.9	19.9	19.9	0	21.2
		36	39	23.3	23.2	23.1	22.9	22.8	2	23.7	19.9	19.9	20.0	19.9	20.0	0	21.2
		75	0	23.3	23.3	23.2	23.0	22.9	2	23.7	20.0	19.9	20.0	20.0	20.0	0	21.2
	64QAM	1	0	23.1	23.3	23.3	23.0	23.0	2	23.7	19.9	20.0	20.0	20.0	20.0	0	21.2
		1	37	23.3	23.3	23.2	22.9	22.9	2	23.7	20.0	19.9	19.9	20.0	20.0	0	21.2
		1	74	23.4	23.3	23.2	22.9	22.8	2	23.7	20.0	19.9	20.0	19.9	20.0	0	21.2
		36	0	22.2	22.4	22.3	22.1	22.0	3	22.7	19.9	19.9	20.0	20.0	19.9	0	21.2
		36	20	22.3	22.3	22.3	22.0	22.0	3	22.7	20.0	20.0	19.9	20.0	20.0	0	21.2
		36	39	22.3	22.3	22.2	22.0	21.9	3	22.7	20.0	20.0	20.0	20.0	20.0	0	21.2
		75	0	22.3	22.3	22.3	22.0	22.0	3	22.7	19.9	19.9	20.0	20.0	20.0	0	21.2
	256QAM	1	0	19.9	20.3	20.2	19.9	20.0	5	20.7	19.9	20.0	20.0	19.8	19.7	0.5	20.7
		1	37	20.1	20.3	20.2	19.8	19.9	5	20.7	20.1	20.1	20.0	19.7	19.7	0.5	20.7
		1	74	20.2	20.2	20.1	19.8	19.8	5	20.7	20.0	20.1	19.9	19.6	19.6	0.5	20.7
		36	0	20.2	20.4	20.3	20.1	20.0	5	20.7	20.0	20.0	20.0	19.8	19.8	0.5	20.7
		36	20	20.3	20.3	20.3	20.0	19.9	5	20.7	20.1	20.1	20.0	19.8	19.7	0.5	20.7
		36	39	20.3	20.3	20.2	19.9	19.9	5	20.7	20.1	20.1	20.0	19.7	19.7	0.5	20.7
		75	0	20.3	20.3	20.2	20.1	20.0	5	20.7	20.1	20.1	20.0	19.8	19.7	0.5	20.7

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

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)							Power Mode B (dBm)						
				39750	40185	40620	41055	41490	MPR	Tune-up Limit	39750	40185	40620	41055	41490	MPR	Tune-up Limit
				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 MHz	QPSK	1	0	25.2	25.5	25.2	25.1	25.0	0	25.7	20.0	19.9	20.0	20.0	19.9	0	21.2
		1	25	25.4	25.4	25.3	25.0	25.0	0	25.7	20.0	19.9	20.0	20.0	19.9	0	21.2
		1	49	25.4	25.4	25.3	25.0	24.9	0	25.7	20.0	20.0	20.0	20.0	20.0	0	21.2
		25	0	24.3	24.5	24.3	24.1	24.0	1	24.7	20.0	19.9	20.0	19.9	20.0	0	21.2
		25	12	24.4	24.4	24.4	24.1	24.1	1	24.7	19.9	19.9	19.9	19.9	20.0	0	21.2
		25	25	24.4	24.4	24.3	24.1	24.0	1	24.7	20.0	20.0	20.0	20.0	19.9	0	21.2
		50	0	24.4	24.4	24.4	24.1	24.0	1	24.7	20.0	20.0	19.9	20.0	19.9	0	21.2
	16QAM	1	0	24.3	24.4	24.3	24.2	24.0	1	24.7	19.9	20.0	19.9	20.0	20.0	0	21.2
		1	25	24.5	24.4	24.4	24.2	24.0	1	24.7	20.0	19.9	19.9	20.0	19.9	0	21.2
		1	49	24.6	24.4	24.3	24.1	23.9	1	24.7	20.0	20.0	20.0	19.9	20.0	0	21.2
		25	0	23.3	23.5	23.3	23.1	23.0	2	23.7	20.0	19.9	20.0	20.0	20.0	0	21.2
		25	12	23.4	23.4	23.4	23.1	23.1	2	23.7	20.0	19.9	20.0	20.0	19.9	0	21.2
		25	25	23.4	23.4	23.3	23.1	23.0	2	23.7	20.0	19.9	20.0	19.9	20.0	0	21.2
		50	0	23.4	23.4	23.4	23.1	23.0	2	23.7	20.0	19.9	20.0	19.9	19.9	0	21.2
	64QAM	1	0	23.3	23.5	23.3	23.2	23.1	2	23.7	20.0	19.9	20.0	20.0	20.0	0	21.2
		1	25	23.5	23.5	23.4	23.2	23.1	2	23.7	19.9	19.9	19.9	20.0	19.9	0	21.2
		1	49	23.6	23.4	23.2	23.1	23.0	2	23.7	20.0	19.9	20.0	20.0	19.9	0	21.2
		25	0	22.4	22.5	22.4	22.1	22.1	3	22.7	19.9	20.0	20.0	19.9	19.9	0	21.2
		25	12	22.5	22.5	22.4	22.1	22.1	3	22.7	19.9	20.0	20.0	20.0	20.0	0	21.2
		25	25	22.5	22.4	22.3	22.1	22.0	3	22.7	20.0	20.0	19.9	19.9	19.9	0	21.2
		50	0	22.5	22.4	22.4	22.1	22.1	3	22.7	20.0	20.0	20.0	19.9	20.0	0	21.2
	256QAM	1	0	20.0	20.0	20.0	20.0	20.0	5	20.7	20.0	20.0	19.9	19.9	20.0	0.5	20.7
		1	25	20.0	20.0	20.0	20.0	19.9	5	20.7	19.9	20.0	20.0	20.0	20.0	0.5	20.7
		1	49	20.0	20.0	20.0	20.0	20.0	5	20.7	19.9	20.0	20.0	20.0	20.0	0.5	20.7
		25	0	20.0	19.9	20.0	19.9	20.0	5	20.7	19.9	20.0	19.9	20.0	20.0	0.5	20.7
		25	12	19.9	20.0	20.0	19.9	19.9	5	20.7	20.0	20.0	20.0	20.0	20.0	0.5	20.7
		25	25	19.9	20.0	19.9	19.9	20.0	5	20.7	20.0	20.0	19.9	20.0	19.9	0.5	20.7
		50	0	20.0	19.9	20.0	20.0	20.0	5	20.7	20.0	20.0	20.0	20.0	19.9	0.5	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)							Power Mode B (dBm)						
				39750	40185	40620	41055	41490	MPR	Tune-up Limit	39750	40185	40620	41055	41490	MPR	Tune-up Limit
				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 MHz	QPSK	1	0	25.3	25.4	25.2	25.0	25.0	0	25.7	20.0	19.9	20.0	20.0	20.0	0	21.2
		1	12	25.5	25.5	25.3	25.1	25.0	0	25.7	19.9	20.0	19.9	19.9	20.0	0	21.2
		1	24	25.5	25.4	25.3	25.1	25.0	0	25.7	19.9	20.0	20.0	20.0	20.0	0	21.2
		12	0	24.3	24.5	24.3	24.1	24.0	1	24.7	19.9	20.0	20.0	20.0	19.9	0	21.2
		12	7	24.4	24.4	24.3	24.1	24.1	1	24.7	19.9	19.9	19.9	20.0	20.0	0	21.2
		12	13	24.4	24.4	24.3	24.1	24.0	1	24.7	19.9	20.0	20.0	20.0	19.9	0	21.2
		25	0	24.4	24.4	24.3	24.1	24.0	1	24.7	19.9	20.0	20.0	19.9	20.0	0	21.2
	16QAM	1	0	24.3	24.4	24.4	24.0	24.0	1	24.7	19.9	19.9	20.0	19.9	19.9	0	21.2
		1	12	24.5	24.5	24.6	24.2	24.1	1	24.7	20.0	19.9	20.0	20.0	20.0	0	21.2
		1	24	24.5	24.5	24.5	24.1	24.0	1	24.7	20.0	19.9	20.0	19.9	19.9	0	21.2
		12	0	23.3	23.4	23.4	23.1	23.0	2	23.7	20.0	20.0	19.9	19.9	20.0	0	21.2
		12	7	23.4	23.4	23.4	23.2	23.1	2	23.7	19.9	20.0	19.9	20.0	19.9	0	21.2
		12	13	23.4	23.4	23.4	23.1	23.0	2	23.7	19.9	20.0	20.0	20.0	20.0	0	21.2
		25	0	23.4	23.4	23.3	23.1	23.0	2	23.7	19.9	19.9	19.9	20.0	19.9	0	21.2
	64QAM	1	0	23.4	23.5	23.3	23.2	23.1	2	23.7	19.9	19.9	20.0	20.0	20.0	0	21.2
		1	12	23.5	23.6	23.4	23.2	23.2	2	23.7	19.9	20.0	20.0	19.9	20.0	0	21.2
		1	24	23.5	23.5	23.4	23.2	23.2	2	23.7	20.0	19.9	20.0	20.0	19.9	0	21.2
		12	0	22.3	22.5	22.4	22.1	22.1	3	22.7	19.9	20.0	20.0	20.0	19.9	0	21.2
		12	7	22.5	22.5	22.4	22.1	22.1	3	22.7	20.0	19.9	19.9	20.0	19.9	0	21.2
		12	13	22.4	22.4	22.4	22.1	22.1	3	22.7	20.0	19.9	19.9	20.0	20.0	0	21.2
		25	0	22.4	22.4	22.4	22.1	22.1	3	22.7	19.9	19.9	20.0	20.0	20.0	0	21.2
	256QAM	1	0	20.0	20.0	20.0	20.0	20.0	5	20.7	20.0	19.9	19.9	19.9	20.0	0.5	20.7
		1	12	19.9	20.0	19.9	19.9	20.0	5	20.7	20.0	20.0	20.0	19.9	20.0	0.5	20.7
		1	24	20.0	19.9	20.0	20.0	19.9	5	20.7	20.0	20.0	19.9	19.9	20.0	0.5	20.7
		12	0	20.0	20.0	19.9	20.0	19.9	5	20.7	19.9	20.0	20.0	20.0	19.9	0.5	20.7
		12	7	19.9	20.0	20.0	19.9	20.0	5	20.7	19.9	20.0	19.9	20.0	19.9	0.5	20.7
		12	13	20.0	20.0	20.0	19.9	20.0	5	20.7	20.0	20.0	19.9	19.9	20.0	0.5	20.7
		25	0	20.0	19.9	19.9	20.0	20.0	5	20.7	19.9	19.9	19.9	20.0	19.9	0.5	20.7

LTE Band 41 Power Class 3 Measured Results (ANT4)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)							Power Mode B (dBm)						
				39750	40185	40620	41055	41490	MPR	Tune-up Limit	39750	40185	40620	41055	41490	MPR	Tune-up Limit
				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 MHz	QPSK	1	0	21.1	21.1	21.1	21.2	21.2	0	21.5	20.2	20.2	20.2	20.3	20.3	0	20.9
		1	49	21.2	21.2	21.3	21.3	21.3	0	21.5	20.3	20.3	20.4	20.4	20.4	0	20.9
		1	99	21.1	21.0	21.1	21.1	21.0	0	21.5	20.2	20.1	20.2	20.2	20.1	0	20.9
		50	0	21.1	21.1	21.2	21.0	21.0	0	21.5	20.2	20.2	20.3	20.1	20.1	0	20.9
		50	24	21.2	21.2	21.3	21.3	21.2	0	21.5	20.3	20.3	20.4	20.4	20.3	0	20.9
		50	50	21.0	21.1	21.0	21.2	21.1	0	21.5	20.1	20.2	20.1	20.3	20.2	0	20.9
		100	0	21.1	21.0	21.2	21.1	21.2	0	21.5	20.2	20.1	20.3	20.2	20.3	0	20.9
	16QAM	1	0	21.2	21.1	21.2	21.0	21.1	0	21.5	20.3	20.2	20.3	20.1	20.2	0	20.9
		1	49	21.2	21.2	21.2	21.1	21.1	0	21.5	20.3	20.3	20.3	20.2	20.2	0	20.9
		1	99	21.2	21.1	21.1	21.2	21.2	0	21.5	20.3	20.2	20.2	20.3	20.3	0	20.9
		50	0	21.1	21.0	21.2	21.2	21.0	0	21.5	20.2	20.1	20.3	20.3	20.1	0	20.9
		50	24	21.1	21.0	21.0	21.2	21.1	0	21.5	20.2	20.1	20.1	20.3	20.2	0	20.9
		50	50	21.2	21.1	21.0	21.2	21.2	0	21.5	20.3	20.2	20.1	20.3	20.3	0	20.9
		100	0	21.2	21.0	21.1	21.1	21.2	0	21.5	20.3	20.1	20.2	20.2	20.3	0	20.9
	64QAM	1	0	21.1	21.1	21.1	21.1	21.1	0	21.5	20.2	20.2	20.2	20.2	20.2	0	20.9
		1	49	21.0	21.1	21.0	21.1	21.1	0	21.5	20.1	20.2	20.1	20.2	20.2	0	20.9
		1	99	21.0	21.1	21.0	21.0	21.1	0	21.5	20.1	20.2	20.1	20.1	20.2	0	20.9
		50	0	21.1	21.1	21.2	21.2	21.2	0	21.5	20.2	20.2	20.3	20.3	20.3	0	20.9
		50	24	21.2	21.1	21.0	21.1	21.0	0	21.5	20.3	20.2	20.1	20.2	20.1	0	20.9
		50	50	21.1	21.1	21.2	21.1	21.1	0	21.5	20.2	20.2	20.3	20.2	20.2	0	20.9
		100	0	21.1	21.1	21.0	21.1	21.0	0	21.5	20.2	20.2	20.1	20.2	20.1	0	20.9
	256QAM	1	0	19.8	19.9	19.8	19.7	19.8	0.8	20.7	19.8	19.8	19.8	19.7	19.8	0.2	20.7
		1	49	20.0	19.9	19.6	19.8	19.8	0.8	20.7	20.0	19.8	19.7	19.6	19.7	0.2	20.7
		1	99	20.0	19.8	19.7	19.9	19.8	0.8	20.7	20.0	19.8	19.7	19.8	19.9	0.2	20.7
		50	0	20.0	20.0	19.8	19.7	19.9	0.8	20.7	19.9	19.9	19.6	19.6	19.8	0.2	20.7
		50	24	20.1	20.0	19.7	19.8	20.0	0.8	20.7	20.0	19.9	19.6	19.6	19.8	0.2	20.7
		50	50	20.1	19.9	19.7	19.8	19.9	0.8	20.7	19.9	19.8	19.6	19.7	19.8	0.2	20.7
		100	0	20.0	20.0	19.7	19.7	19.9	0.8	20.7	19.9	19.9	19.6	19.6	19.8	0.2	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)							Power Mode B (dBm)						
				39750	40185	40620	41055	41490	MPR	Tune-up Limit	39750	40185	40620	41055	41490	MPR	Tune-up Limit
				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 MHz	QPSK	1	0	21.1	21.2	21.1	21.1	21.2	0	21.5	20.2	20.3	20.2	20.2	20.3	0	20.9
		1	37	21.1	21.1	21.0	21.1	21.1	0	21.5	20.2	20.2	20.1	20.2	20.2	0	20.9
		1	74	21.1	21.2	21.1	21.2	21.0	0	21.5	20.2	20.3	20.2	20.3	20.1	0	20.9
		36	0	21.1	21.2	21.0	21.1	21.0	0	21.5	20.2	20.3	20.1	20.2	20.1	0	20.9
		36	20	21.1	21.1	21.1	21.2	21.0	0	21.5	20.2	20.2	20.2	20.3	20.1	0	20.9
		36	39	21.1	21.1	21.1	21.1	21.1	0	21.5	20.2	20.2	20.2	20.2	20.2	0	20.9
		75	0	21.1	21.2	21.1	21.2	21.0	0	21.5	20.2	20.3	20.2	20.3	20.1	0	20.9
	16QAM	1	0	21.2	21.1	21.2	21.0	21.1	0	21.5	20.3	20.2	20.3	20.1	20.2	0	20.9
		1	37	21.2	21.2	21.1	21.1	21.2	0	21.5	20.3	20.3	20.2	20.2	20.3	0	20.9
		1	74	21.0	21.1	21.2	21.1	21.1	0	21.5	20.1	20.2	20.3	20.2	20.2	0	20.9
		36	0	21.2	21.0	21.0	21.0	21.2	0	21.5	20.3	20.1	20.1	20.1	20.3	0	20.9
		36	20	21.1	21.1	21.1	21.1	21.1	0	21.5	20.2	20.2	20.2	20.2	20.2	0	20.9
		36	39	21.1	21.1	21.0	21.2	21.2	0	21.5	20.2	20.2	20.1	20.3	20.3	0	20.9
		75	0	21.2	21.0	21.1	21.2	21.1	0	21.5	20.3	20.1	20.2	20.3	20.2	0	20.9
	64QAM	1	0	21.1	21.1	21.0	21.1	21.1	0	21.5	20.2	20.2	20.1	20.2	20.2	0	20.9
		1	37	21.0	21.2	21.2	21.1	21.2	0	21.5	20.1	20.3	20.3	20.2	20.3	0	20.9
		1	74	21.2	21.1	21.2	21.1	21.2	0	21.5	20.3	20.2	20.3	20.2	20.3	0	20.9
		36	0	21.1	21.1	21.1	21.2	21.1	0	21.5	20.2	20.2	20.2	20.3	20.2	0	20.9
		36	20	21.2	21.1	21.1	21.0	21.2	0	21.5	20.3	20.2	20.2	20.1	20.3	0	20.9
		36	39	21.1	21.2	21.1	21.0	21.0	0	21.5	20.2	20.3	20.2	20.1	20.1	0	20.9
		75	0	21.1	21.0	21.1	21.1	21.0	0	21.5	20.2	20.1	20.2	20.2	20.1	0	20.9
	256QAM	1	0	19.9	20.0	19.8	19.6	20.0	0.8	20.7	19.6	19.8	19.6	19.6	19.8	0.2	20.7
		1	37	20.0	20.0	19.7	19.8	19.9	0.8	20.7	19.8	19.7	19.5	19.6	19.7	0.2	20.7
		1	74	20.0	19.8	19.7	19.8	19.9	0.8	20.7	19.8	19.6	19.7	19.6	19.8	0.2	20.7
		36	0	20.1	20.0	19.7	19.8	19.9	0.8	20.7	19.9	19.8	19.7	19.7	19.9	0.2	20.7
		36	20	20.1	20.0	19.7	19.7	19.9	0.8	20.7	19.9	19.8	19.6	19.6	19.9	0.2	20.7
		36	39	20.1	19.9	19.7	19.8	19.9	0.8	20.7	19.9	19.7	19.7	19.7	19.9	0.2	20.7
		75	0	20.1	20.0	19.7	19.8	19.9	0.8	20.7	19.9	19.8	19.7	19.7	19.9	0.2	20.7

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

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)							Power Mode B (dBm)						
				39750	40185	40620	41055	41490	MPR	Tune-up Limit	39750	40185	40620	41055	41490	MPR	Tune-up Limit
				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 MHz	QPSK	1	0	21.0	21.1	21.1	21.0	21.0	0	21.5	20.1	20.2	20.2	20.1	20.1	0	20.9
		1	25	21.1	21.1	21.1	21.1	21.1	0	21.5	20.2	20.2	20.2	20.2	20.2	0	20.9
		1	49	21.1	21.1	21.1	21.0	21.1	0	21.5	20.2	20.2	20.2	20.1	20.2	0	20.9
		25	0	21.1	21.0	21.0	21.1	21.1	0	21.5	20.2	20.1	20.1	20.2	20.2	0	20.9
		25	12	21.1	21.0	21.0	21.0	21.1	0	21.5	20.2	20.1	20.1	20.1	20.2	0	20.9
		25	25	21.0	21.0	21.0	21.1	21.1	0	21.5	20.1	20.1	20.1	20.2	20.2	0	20.9
		50	0	21.1	21.1	21.1	21.0	21.0	0	21.5	20.2	20.2	20.2	20.1	20.1	0	20.9
	16QAM	1	0	21.0	21.1	21.0	21.0	21.1	0	21.5	20.1	20.2	20.1	20.1	20.2	0	20.9
		1	25	21.1	21.0	21.0	21.0	21.0	0	21.5	20.2	20.1	20.1	20.1	20.1	0	20.9
		1	49	21.0	21.0	21.0	21.0	21.1	0	21.5	20.1	20.1	20.1	20.1	20.2	0	20.9
		25	0	21.0	21.0	21.0	21.1	21.0	0	21.5	20.1	20.1	20.1	20.2	20.1	0	20.9
		25	12	21.0	21.1	21.1	21.1	21.1	0	21.5	20.1	20.2	20.2	20.2	20.2	0	20.9
		25	25	21.0	21.0	21.0	21.1	21.0	0	21.5	20.1	20.1	20.1	20.2	20.1	0	20.9
		50	0	21.1	21.1	21.0	21.0	21.1	0	21.5	20.2	20.2	20.1	20.1	20.2	0	20.9
	64QAM	1	0	21.0	21.0	21.0	21.0	21.0	0	21.5	20.1	20.1	20.1	20.1	20.1	0	20.9
		1	25	21.1	21.0	21.1	21.1	21.0	0	21.5	20.2	20.1	20.2	20.2	20.1	0	20.9
		1	49	21.1	21.1	21.1	21.1	21.1	0	21.5	20.2	20.2	20.2	20.2	20.2	0	20.9
		25	0	21.0	21.1	21.0	21.0	21.1	0	21.5	20.1	20.2	20.1	20.1	20.2	0	20.9
		25	12	21.0	21.0	21.1	21.1	21.0	0	21.5	20.1	20.1	20.2	20.2	20.1	0	20.9
		25	25	21.1	21.1	21.1	21.1	21.0	0	21.5	20.2	20.2	20.2	20.2	20.1	0	20.9
		50	0	21.1	21.1	21.0	21.1	21.0	0	21.5	20.2	20.2	20.1	20.2	20.1	0	20.9
	256QAM	1	0	20.0	20.0	19.8	19.8	19.9	0.8	20.7	20.0	19.9	19.6	19.6	20.0	0.2	20.7
		1	25	19.9	19.8	19.8	19.9	19.8	0.8	20.7	20.1	19.8	19.7	19.7	19.9	0.2	20.7
		1	49	19.9	19.9	19.9	19.9	19.9	0.8	20.7	20.0	19.7	19.6	19.6	19.8	0.2	20.7
		25	0	19.8	19.9	19.9	19.9	19.9	0.8	20.7	20.1	19.9	19.8	19.7	20.0	0.2	20.7
		25	12	19.9	19.8	20.0	19.9	19.9	0.8	20.7	20.2	20.0	19.8	19.8	20.0	0.2	20.7
		25	25	20.0	20.0	19.9	19.8	19.9	0.8	20.7	20.1	19.9	19.8	19.8	20.0	0.2	20.7
		50	0	19.9	19.9	19.8	20.0	19.9	0.8	20.7	20.1	20.0	19.8	19.7	20.0	0.2	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)							Power Mode B (dBm)						
				39750	40185	40620	41055	41490	MPR	Tune-up Limit	39750	40185	40620	41055	41490	MPR	Tune-up Limit
				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 MHz	QPSK	1	0	21.1	21.0	21.0	21.1	21.0	0	21.5	20.2	20.1	20.1	20.2	20.1	0	20.9
		1	12	21.1	21.0	21.1	21.0	21.0	0	21.5	20.2	20.1	20.2	20.1	20.1	0	20.9
		1	24	21.1	21.0	21.1	21.1	21.0	0	21.5	20.2	20.1	20.2	20.2	20.1	0	20.9
		12	0	21.1	21.1	21.1	21.0	21.1	0	21.5	20.2	20.2	20.2	20.1	20.2	0	20.9
		12	7	21.1	21.0	21.1	21.0	21.0	0	21.5	20.2	20.1	20.2	20.1	20.1	0	20.9
		12	13	21.0	21.0	21.1	21.0	21.1	0	21.5	20.1	20.1	20.2	20.1	20.2	0	20.9
		25	0	21.0	21.1	21.0	21.1	21.1	0	21.5	20.1	20.2	20.1	20.2	20.2	0	20.9
	16QAM	1	0	21.1	21.0	21.1	21.1	21.1	0	21.5	20.2	20.1	20.2	20.2	20.2	0	20.9
		1	12	21.0	21.0	21.0	21.1	21.1	0	21.5	20.1	20.1	20.1	20.2	20.2	0	20.9
		1	24	21.1	21.1	21.1	21.0	21.1	0	21.5	20.2	20.2	20.2	20.1	20.2	0	20.9
		12	0	21.1	21.0	21.1	21.0	21.0	0	21.5	20.2	20.1	20.2	20.1	20.1	0	20.9
		12	7	21.0	21.0	21.0	21.1	21.0	0	21.5	20.1	20.1	20.1	20.2	20.1	0	20.9
		12	13	21.1	21.0	21.1	21.0	21.0	0	21.5	20.2	20.1	20.2	20.1	20.1	0	20.9
		25	0	21.1	21.0	21.1	21.0	21.0	0	21.5	20.2	20.1	20.2	20.1	20.1	0	20.9
	64QAM	1	0	21.1	21.1	21.1	21.1	21.1	0	21.5	20.2	20.2	20.2	20.2	20.2	0	20.9
		1	12	21.1	21.0	21.0	21.0	21.0	0	21.5	20.2	20.1	20.1	20.1	20.1	0	20.9
		1	24	21.0	21.0	21.1	21.1	21.1	0	21.5	20.1	20.1	20.2	20.2	20.2	0	20.9
		12	0	21.1	21.1	21.1	21.0	21.0	0	21.5	20.2	20.2	20.2	20.1	20.1	0	20.9
		12	7	21.0	21.0	21.1	21.0	21.0	0	21.5	20.1	20.1	20.2	20.1	20.1	0	20.9
		12	13	21.1	21.0	21.1	21.0	21.0	0	21.5	20.2	20.1	20.2	20.1	20.1	0	20.9
		25	0	21.0	21.1	21.1	21.0	21.0	0	21.5	20.1	20.2	20.2	20.1	20.1	0	20.9
	256QAM	1	0	19.9	19.8	19.9	19.9	20.0	0.8	20.7	20.1	20.0	19.7	19.8	19.9	0.2	20.7
		1	12	19.8	19.8	20.0	19.8	20.0	0.8	20.7	20.1	20.1	19.9	19.8	20.0	0.2	20.7
		1	24	20.0	20.0	20.0	19.8	19.9	0.8	20.7	20.1	20.0	19.9	19.8	19.9	0.2	20.7
		12	0	19.9	19.9	20.0	19.9	19.9	0.8	20.7	20.1	20.0	19.8	19.8	20.0	0.2	20.7
		12	7	19.8	19.9	20.0	19.9	19.8	0.8	20.7	20.2	20.1	19.8	19.9	20.0	0.2	20.7
		12	13	19.9	19.9	19.9	20.0	19.8	0.8	20.7	20.1	19.9	19.8	19.8	20.0	0.2	20.7
		25	0	19.9	19.8	19.9	19.8	19.8	0.8	20.7	20.1	20.1	19.8	19.8	20.0	0.2	20.7

LTE Band 48 Measured Results (ANT7)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						Power Mode B (dBm)					
				55340	55773	56207	56640	MPR	Tune-up Limit	55340	55773	56207	56640	MPR	Tune-up Limit
				3560 MHz	3603.3 MHz	3646.7 MHz	3690 MHz			3560 MHz	3603.3 MHz	3646.7 MHz	3690 MHz		
20 MHz	QPSK	1	0	23.4	23.4	23.4	23.4	0	23.9	20.6	20.5	20.3	20.6	0	21.6
		1	49	23.5	23.5	23.5	23.5	0	23.9	20.6	20.6	20.6	20.6	0	21.6
		1	99	23.4	23.4	23.5	23.5	0	23.9	20.5	20.6	20.5	20.6	0	21.6
		50	0	23.4	23.4	23.4	23.4	0	23.9	20.6	20.4	20.4	20.6	0	21.6
		50	24	23.4	23.5	23.5	23.5	0	23.9	20.6	20.5	20.6	20.6	0	21.6
		50	50	23.4	23.5	23.5	23.4	0	23.9	20.6	20.5	20.6	20.6	0	21.6
		100	0	23.4	23.4	23.4	23.4	0	23.9	20.5	20.5	20.5	20.5	0	21.6
	16QAM	1	0	23.2	23.3	23.2	23.2	0	23.9	20.6	20.5	20.3	20.6	0	21.6
		1	49	23.4	23.3	23.4	23.4	0	23.9	20.6	20.6	20.6	20.6	0	21.6
		1	99	23.2	23.2	23.3	23.3	0	23.9	20.5	20.6	20.5	20.6	0	21.6
		50	0	23.3	23.3	23.2	23.1	0	23.9	20.6	20.4	20.3	20.5	0	21.6
		50	24	23.3	23.2	23.3	23.3	0	23.9	20.6	20.4	20.4	20.5	0	21.6
		50	50	23.3	23.2	23.3	23.3	0	23.9	20.6	20.4	20.5	20.6	0	21.6
		100	0	23.3	23.2	23.3	23.2	0	23.9	20.6	20.4	20.4	20.5	0	21.6
	64QAM	1	0	23.3	23.2	23.2	23.2	0	23.9	20.6	20.4	20.2	20.4	0	21.6
		1	49	23.2	23.3	23.1	23.2	0	23.9	20.6	20.5	20.2	20.6	0	21.6
		1	99	23.1	23.2	23.1	23.3	0	23.9	20.5	20.3	20.2	20.5	0	21.6
		50	0	22.3	22.3	22.3	22.2	0.9	23	20.6	20.4	20.3	20.5	0	21.6
		50	24	22.4	22.3	22.4	22.4	0.9	23	20.6	20.4	20.3	20.5	0	21.6
		50	50	22.4	22.3	22.4	22.4	0.9	23	20.5	20.4	20.4	20.6	0	21.6
		100	0	22.4	22.3	22.4	22.3	0.9	23	20.6	20.4	20.3	20.5	0	21.6
	256QAM	1	0	20.4	20.4	20.3	20.2	2.9	21	20.0	19.8	19.5	19.8	0.6	21
		1	49	20.4	20.4	20.4	20.2	2.9	21	19.9	19.7	19.5	19.8	0.6	21
		1	99	20.4	20.3	20.5	20.3	2.9	21	19.9	19.7	19.6	19.9	0.6	21
		50	0	20.4	20.3	20.3	20.3	2.9	21	19.9	19.7	19.6	19.7	0.6	21
		50	24	20.4	20.3	20.4	20.4	2.9	21	19.9	19.7	19.6	19.8	0.6	21
		50	50	20.4	20.3	20.4	20.4	2.9	21	19.9	19.7	19.7	19.9	0.6	21
		100	0	20.1	20.3	20.4	20.4	2.9	21	19.9	19.7	19.6	19.8	0.6	21

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						Power Mode B (dBm)					
				55315	55765	56215	56665	MPR	Tune-up Limit	55315	55765	56215	56665	MPR	Tune-up Limit
				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 MHz	QPSK	1	0	23.2	23.1	23.1	23.2	0	23.9	20.5	20.4	20.2	20.4	0	21.6
		1	37	23.2	23.2	23.2	23.2	0	23.9	20.5	20.3	20.3	20.5	0	21.6
		1	74	23.2	23.1	23.2	23.2	0	23.9	20.5	20.3	20.3	20.4	0	21.6
		36	0	23.2	23.2	23.2	23.2	0	23.9	20.5	20.4	20.2	20.4	0	21.6
		36	20	23.2	23.2	23.2	23.2	0	23.9	20.5	20.4	20.3	20.4	0	21.6
		36	39	23.2	23.2	23.3	23.3	0	23.9	20.5	20.4	20.4	20.5	0	21.6
		75	0	23.2	23.1	23.2	23.2	0	23.9	20.5	20.4	20.4	20.4	0	21.6
	16QAM	1	0	23.1	23.1	23.2	23.1	0	23.9	20.5	20.3	20.2	20.3	0	21.6
		1	37	23.2	23.1	23.3	23.2	0	23.9	20.5	20.3	20.4	20.4	0	21.6
		1	74	23.2	23.1	23.2	23.3	0	23.9	20.5	20.3	20.2	20.3	0	21.6
		36	0	23.2	23.2	23.2	23.2	0	23.9	20.6	20.4	20.3	20.4	0	21.6
		36	20	23.3	23.2	23.2	23.2	0	23.9	20.6	20.4	20.4	20.5	0	21.6
		36	39	23.3	23.2	23.3	23.3	0	23.9	20.6	20.4	20.4	20.6	0	21.6
		75	0	23.2	23.2	23.2	23.2	0	23.9	20.6	20.4	20.4	20.5	0	21.6
	64QAM	1	0	22.5	23.1	23.1	23.0	0	23.9	20.5	20.2	20.3	20.3	0	21.6
		1	37	23.1	23.2	23.3	23.2	0	23.9	20.5	20.2	20.3	20.4	0	21.6
		1	74	23.1	23.2	23.2	23.2	0	23.9	20.4	20.2	20.4	20.4	0	21.6
		36	0	22.3	22.3	22.3	22.3	0.9	23	20.6	20.3	20.3	20.4	0	21.6
		36	20	22.3	22.3	22.3	22.3	0.9	23	20.6	20.3	20.4	20.4	0	21.6
		36	39	22.4	22.3	22.4	22.4	0.9	23	20.6	20.3	20.5	20.5	0	21.6
		75	0	22.3	22.3	22.3	22.3	0.9	23	20.6	20.3	20.4	20.4	0	21.6
	256QAM	1	0	20.2	20.3	20.2	20.2	2.9	21	19.9	19.5	19.5	19.6	0.6	21
		1	37	20.3	20.3	20.4	20.3	2.9	21	19.8	19.6	19.7	19.7	0.6	21
		1	74	20.3	20.3	20.5	20.4	2.9	21	19.9	19.5	19.7	19.8	0.6	21
		36	0	20.3	20.3	20.3	20.3	2.9	21	19.9	19.6	19.6	19.7	0.6	21
		36	20	20.4	20.4	20.3	20.3	2.9	21	19.9	19.6	19.7	19.7	0.6	21
		36	39	20.4	20.3	20.4	20.4	2.9	21	19.9	19.6	19.8	19.8	0.6	21
		75	0	20.4	20.3	20.3	20.3	2.9	21	19.9	19.6	19.7	19.8	0.6	21

LTE Band 48 Measured Results (ANT7) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						Power Mode B (dBm)					
				55290	55757	56223	56690	MPR	Tune-up Limit	55290	55757	56223	56690	MPR	Tune-up Limit
				3555 MHz	3601.7 MHz	3648.3 MHz	3695 MHz			3555 MHz	3601.7 MHz	3648.3 MHz	3695 MHz		
10 MHz	QPSK	1	0	23.3	23.2	23.3	23.1	0	23.9	20.5	20.4	20.4	20.6	0	21.6
		1	25	23.3	23.1	23.3	23.2	0	23.9	20.6	20.4	20.4	20.6	0	21.6
		1	49	23.3	23.1	23.3	23.2	0	23.9	20.5	20.4	20.4	20.6	0	21.6
		25	0	23.4	23.1	23.3	23.1	0	23.9	20.6	20.4	20.4	20.5	0	21.6
		25	12	23.4	23.1	23.4	23.2	0	23.9	20.5	20.4	20.4	20.6	0	21.6
		25	25	23.4	23.1	23.4	23.2	0	23.9	20.5	20.4	20.5	20.6	0	21.6
		50	0	23.4	23.1	23.3	23.2	0	23.9	20.5	20.4	20.4	20.5	0	21.6
	16QAM	1	0	23.5	23.1	23.5	23.4	0	23.9	20.6	20.2	20.4	20.5	0	21.6
		1	25	23.5	23.2	23.5	23.4	0	23.9	20.6	20.3	20.5	20.6	0	21.6
		1	49	23.4	23.4	23.5	23.5	0	23.9	20.6	20.3	20.6	20.5	0	21.6
		25	0	23.4	23.1	23.4	23.2	0	23.9	20.6	20.4	20.4	20.6	0	21.6
		25	12	23.4	23.2	23.4	23.2	0	23.9	20.6	20.5	20.5	20.6	0	21.6
		25	25	23.4	23.2	23.5	23.2	0	23.9	20.6	20.5	20.6	20.6	0	21.6
		50	0	23.4	23.1	23.4	23.2	0	23.9	20.5	20.5	20.4	20.5	0	21.6
	64QAM	1	0	23.4	23.0	23.4	23.1	0	23.9	20.5	20.3	20.4	20.6	0	21.6
		1	25	23.4	23.1	23.4	23.2	0	23.9	20.5	20.4	20.5	20.6	0	21.6
		1	49	23.3	23.2	23.3	23.2	0	23.9	20.5	20.4	20.4	20.6	0	21.6
		25	0	22.5	22.2	22.5	22.2	0.9	23	20.6	20.4	20.3	20.5	0	21.6
		25	12	22.5	22.2	22.5	22.3	0.9	23	20.5	20.5	20.4	20.6	0	21.6
		25	25	22.5	22.2	22.6	22.3	0.9	23	20.5	20.5	20.4	20.6	0	21.6
		50	0	22.5	22.2	22.5	22.3	0.9	23	20.5	20.5	20.3	20.6	0	21.6
	256QAM	1	0	20.5	20.3	20.4	20.2	2.9	21	20.0	19.6	19.6	19.8	0.6	21
		1	25	20.5	20.4	20.5	20.3	2.9	21	19.9	19.6	19.7	20.0	0.6	21
		1	49	20.4	20.3	20.4	20.2	2.9	21	19.8	19.7	19.7	19.9	0.6	21
		25	0	20.5	20.2	20.5	20.2	2.9	21	20.0	19.7	19.7	19.9	0.6	21
		25	12	20.5	20.2	20.5	20.3	2.9	21	19.9	19.7	19.8	19.9	0.6	21
		25	25	20.5	20.2	20.6	20.3	2.9	21	19.9	19.8	19.9	20.0	0.6	21
		50	0	20.5	20.2	20.5	20.3	2.9	21	19.9	19.7	19.8	19.8	0.6	21

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						Power Mode B (dBm)					
				55265	55748	56232	56715	MPR	Tune-up Limit	55265	55748	56232	56715	MPR	Tune-up Limit
				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 MHz	QPSK	1	0	23.3	23.2	23.3	23.3	0	23.9	20.5	20.3	20.2	20.5	0	21.6
		1	12	23.4	23.4	23.4	23.4	0	23.9	20.6	20.4	20.4	20.6	0	21.6
		1	24	23.3	23.3	23.4	23.4	0	23.9	20.6	20.4	20.3	20.6	0	21.6
		12	0	23.4	23.4	23.3	23.4	0	23.9	20.5	20.4	20.3	20.6	0	21.6
		12	7	23.4	23.4	23.4	23.4	0	23.9	20.6	20.4	20.3	20.6	0	21.6
		12	13	23.4	23.3	23.4	23.4	0	23.9	20.6	20.4	20.3	20.6	0	21.6
		25	0	23.4	23.3	23.4	23.4	0	23.9	20.6	20.4	20.2	20.6	0	21.6
	16QAM	1	0	23.4	23.4	23.4	23.4	0	23.9	20.6	20.5	20.3	20.6	0	21.6
		1	12	23.5	23.5	23.5	23.5	0	23.9	20.6	20.6	20.4	20.6	0	21.6
		1	24	23.4	23.4	23.5	23.5	0	23.9	20.6	20.5	20.4	20.6	0	21.6
		12	0	23.4	23.4	23.4	23.4	0	23.9	20.6	20.4	20.3	20.6	0	21.6
		12	7	23.4	23.5	23.5	23.5	0	23.9	20.6	20.4	20.3	20.6	0	21.6
		12	13	23.4	23.5	23.5	23.4	0	23.9	20.6	20.4	20.4	20.6	0	21.6
		25	0	23.4	23.4	23.4	23.4	0	23.9	20.6	20.4	20.3	20.6	0	21.6
	64QAM	1	0	23.4	23.3	23.3	23.4	0	23.9	20.6	20.3	20.4	20.6	0	21.6
		1	12	23.4	23.4	23.4	23.5	0	23.9	20.6	20.4	20.5	20.6	0	21.6
		1	24	23.4	23.4	23.3	23.5	0	23.9	20.5	20.4	20.4	20.6	0	21.6
		12	0	22.5	22.5	22.4	22.5	0.9	23	20.6	20.4	20.3	20.6	0	21.6
		12	7	22.5	22.5	22.5	22.6	0.9	23	20.5	20.4	20.3	20.6	0	21.6
		12	13	22.5	22.5	22.5	22.5	0.9	23	20.6	20.4	20.4	20.6	0	21.6
		25	0	22.5	22.5	22.5	22.6	0.9	23	20.6	20.4	20.3	20.6	0	21.6
	256QAM	1	0	20.4	20.4	20.3	20.5	2.9	21	20.0	19.6	19.6	19.9	0.6	21
		1	12	20.5	20.5	20.5	20.6	2.9	21	20.1	19.7	19.8	20.0	0.6	21
		1	24	20.4	20.5	20.5	20.5	2.9	21	20.1	19.7	19.8	20.0	0.6	21
		12	0	20.5	20.4	20.4	20.5	2.9	21	20.0	19.7	19.7	19.9	0.6	21
		12	7	20.5	20.5	20.5	20.6	2.9	21	20.0	19.7	19.7	20.0	0.6	21
		12	13	20.5	20.4	20.5	20.5	2.9	21	20.0	19.7	19.8	19.9	0.6	21
		25	0	20.5	20.5	20.5	20.5	2.9	21	20.0	19.7	19.7	19.9	0.6	21

LTE Band 48 Measured Results (ANT8)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						Power Mode B (dBm)					
				55340	55773	56207	56640	MPR	Tune-up Limit	55340	55773	56207	56640	MPR	Tune-up Limit
				3560 MHz	3603.3 MHz	3646.7 MHz	3690 MHz			3560 MHz	3603.3 MHz	3646.7 MHz	3690 MHz		
20 MHz	QPSK	1	0	20.5	20.4	20.3	20.4	0.0	21.5	20.0	19.9	19.9	19.9	0.0	20.9
		1	49	20.6	20.5	20.6	20.5	0.0	21.5	20.2	20.1	20.2	20.1	0.0	20.9
		1	99	20.5	20.4	20.4	20.4	0.0	21.5	20.1	20.0	20.0	20.0	0.0	20.9
		50	0	20.5	20.4	20.4	20.4	0.0	21.5	20.1	20.0	20.0	20.0	0.0	20.9
		50	24	20.5	20.5	20.5	20.4	0.0	21.5	20.1	20.1	20.1	20.0	0.0	20.9
		50	50	20.5	20.4	20.4	20.4	0.0	21.5	20.0	20.0	20.0	20.0	0.0	20.9
		100	0	20.4	20.4	20.5	20.5	0.0	21.5	20.0	20.0	20.1	20.1	0.0	20.9
	16QAM	1	0	20.3	20.3	20.1	20.3	0.0	21.5	19.9	19.9	19.7	19.9	0.0	20.9
		1	49	20.4	20.3	20.2	20.3	0.0	21.5	19.9	20.0	19.8	20.0	0.0	20.9
		1	99	20.4	20.4	20.2	20.4	0.0	21.5	19.9	19.9	19.8	20.0	0.0	20.9
		50	0	20.3	20.2	20.1	20.2	0.0	21.5	19.9	19.8	19.7	19.8	0.0	20.9
		50	24	20.4	20.3	20.1	20.3	0.0	21.5	20.0	19.9	19.7	19.8	0.0	20.9
		50	50	20.4	20.3	20.2	20.3	0.0	21.5	20.0	19.9	19.8	19.9	0.0	20.9
		100	0	20.4	20.3	20.1	20.2	0.0	21.5	20.0	19.9	19.7	19.8	0.0	20.9
	64QAM	1	0	20.3	20.0	20.0	20.2	0.0	21.5	19.9	19.6	19.6	19.7	0.0	20.9
		1	49	20.4	20.1	20.1	20.3	0.0	21.5	20.0	19.6	19.7	19.9	0.0	20.9
		1	99	20.3	20.1	20.2	20.2	0.0	21.5	19.9	19.6	19.8	19.8	0.0	20.9
		50	0	20.3	20.1	20.1	20.2	0.0	21.5	19.9	19.7	19.7	19.8	0.0	20.9
		50	24	20.4	20.2	20.2	20.2	0.0	21.5	20.0	19.8	19.8	19.8	0.0	20.9
		50	50	20.4	20.2	20.3	20.3	0.0	21.5	20.0	19.8	19.9	19.9	0.0	20.9
		100	0	20.4	20.2	20.2	20.2	0.0	21.5	20.0	19.8	19.8	19.8	0.0	20.9
	256QAM	1	0	20.5	20.2	20.1	20.1	0.5	21.0	20.0	19.8	19.6	19.7	0.0	20.9
		1	49	20.4	20.1	20.1	20.2	0.5	21.0	20.0	19.7	19.7	19.7	0.0	20.9
		1	99	20.4	20.3	20.2	20.3	0.5	21.0	20.0	19.9	19.8	19.8	0.0	20.9
		50	0	20.3	20.1	20.2	20.2	0.5	21.0	19.9	19.7	19.7	19.8	0.0	20.9
		50	24	20.4	20.2	20.2	20.3	0.5	21.0	20.0	19.8	19.8	19.8	0.0	20.9
		50	50	20.4	20.2	20.3	20.3	0.5	21.0	20.0	19.8	19.9	19.9	0.0	20.9
		100	0	20.4	20.2	20.2	20.2	0.5	21.0	20.0	19.8	19.8	19.8	0.0	20.9

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						Power Mode B (dBm)					
				55315	55765	56215	56665	MPR	Tune-up Limit	55315	55765	56215	56665	MPR	Tune-up Limit
				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 MHz	QPSK	1	0	20.1	20.2	20.1	20.3	0.0	21.5	19.8	19.7	19.6	19.7	0.0	20.9
		1	37	20.2	20.5	20.2	20.1	0.0	21.5	19.9	19.8	19.7	19.8	0.0	20.9
		1	74	20.0	20.1	20.1	20.4	0.0	21.5	19.9	19.7	19.7	19.8	0.0	20.9
		36	0	20.2	20.1	20.1	20.2	0.0	21.5	19.9	19.8	19.7	19.8	0.0	20.9
		36	20	20.2	20.2	20.2	20.0	0.0	21.5	19.9	19.8	19.7	19.9	0.0	20.9
		36	39	20.2	20.1	20.3	20.2	0.0	21.5	19.9	19.8	19.8	19.9	0.0	20.9
		75	0	20.2	20.1	20.2	20.2	0.0	21.5	19.9	19.8	19.7	19.9	0.0	20.9
	16QAM	1	0	20.0	20.3	20.2	20.2	0.0	21.5	19.9	19.6	19.7	19.7	0.0	20.9
		1	37	20.0	20.1	20.3	20.2	0.0	21.5	19.9	19.7	19.8	19.7	0.0	20.9
		1	74	19.8	20.0	20.2	20.2	0.0	21.5	19.8	19.6	19.7	19.7	0.0	20.9
		36	0	20.2	20.2	20.2	20.1	0.0	21.5	20.0	19.8	19.7	19.8	0.0	20.9
		36	20	20.2	20.2	20.2	20.2	0.0	21.5	20.0	19.9	19.7	19.9	0.0	20.9
		36	39	20.1	20.3	20.3	20.3	0.0	21.5	20.0	19.9	19.8	19.9	0.0	20.9
		75	0	20.0	20.2	20.1	20.2	0.0	21.5	20.0	19.9	19.7	19.9	0.0	20.9
	64QAM	1	0	20.2	20.1	20.2	20.1	0.0	21.5	19.8	19.6	19.6	19.8	0.0	20.9
		1	37	20.1	20.4	20.5	19.9	0.0	21.5	19.8	19.7	19.7	19.8	0.0	20.9
		1	74	20.3	20.2	20.2	20.1	0.0	21.5	19.8	19.6	19.7	19.8	0.0	20.9
		36	0	20.2	20.2	20.0	20.2	0.0	21.5	20.0	19.7	19.7	19.8	0.0	20.9
		36	20	20.2	20.3	20.2	20.2	0.0	21.5	20.0	19.7	19.7	19.9	0.0	20.9
		36	39	20.2	20.3	20.3	20.3	0.0	21.5	20.0	19.8	19.8	19.9	0.0	20.9
		75	0	20.2	20.2	20.2	20.2	0.0	21.5	20.0	19.8	19.7	19.9	0.0	20.9
	256QAM	1	0	19.8	19.7	19.6	19.6	0.5	21.0	19.8	19.7	19.7	19.7	0.0	20.9
		1	37	19.5	19.6	19.7	19.8	0.5	21.0	19.9	19.8	19.7	19.8	0.0	20.9
		1	74	19.5	19.9	19.7	19.9	0.5	21.0	20.1	19.9	19.8	20.0	0.0	20.9
		36	0	19.3	19.7	19.6	19.6	0.5	21.0	20.0	19.8	19.7	19.8	0.0	20.9
		36	20	19.4	19.8	19.6	19.7	0.5	21.0	20.0	19.8	19.7	19.9	0.0	20.9
		36	39	19.4	19.8	19.6	19.5	0.5	21.0	20.0	19.8	19.8	19.9	0.0	20.9
		75	0	19.2	19.8	19.6	19.4	0.5	21.0	20.0	19.8	19.7	19.9	0.0	20.9

LTE Band 48 Measured Results (ANT8) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						Power Mode B (dBm)					
				55290	55757	56223	56690	MPR	Tune-up Limit	55290	55757	56223	56690	MPR	Tune-up Limit
				3555 MHz	3601.7 MHz	3648.3 MHz	3695 MHz			3555 MHz	3601.7 MHz	3648.3 MHz	3695 MHz		
10 MHz	QPSK	1	0	20.0	20.4	20.4	20.4	0.0	21.5	20.1	19.9	19.9	20.0	0.0	20.9
		1	25	20.1	20.5	20.4	20.4	0.0	21.5	20.1	19.9	20.0	20.0	0.0	20.9
		1	49	20.0	20.4	20.4	20.4	0.0	21.5	20.0	19.9	19.9	20.0	0.0	20.9
		25	0	20.1	20.5	20.4	20.4	0.0	21.5	20.1	20.0	19.9	20.0	0.0	20.9
		25	12	20.4	20.5	20.4	20.4	0.0	21.5	20.1	20.0	20.0	20.0	0.0	20.9
		25	25	20.4	20.5	20.5	20.5	0.0	21.5	20.1	20.0	20.0	20.1	0.0	20.9
		50	0	20.4	20.5	20.4	20.4	0.0	21.5	20.1	20.0	19.9	20.0	0.0	20.9
	16QAM	1	0	20.4	20.5	20.5	20.5	0.0	21.5	20.1	20.0	19.8	19.9	0.0	20.9
		1	25	20.4	20.6	20.4	20.5	0.0	21.5	20.2	20.0	19.8	20.0	0.0	20.9
		1	49	20.4	20.6	20.4	20.5	0.0	21.5	20.1	20.0	19.9	19.9	0.0	20.9
		25	0	20.4	20.5	20.3	20.5	0.0	21.5	20.2	20.0	19.9	19.9	0.0	20.9
		25	12	20.4	20.5	20.4	20.5	0.0	21.5	20.1	20.0	20.0	20.0	0.0	20.9
		25	25	20.4	20.5	20.4	20.6	0.0	21.5	20.1	20.0	20.0	20.1	0.0	20.9
		50	0	20.4	20.5	20.4	20.4	0.0	21.5	20.1	20.0	19.9	20.0	0.0	20.9
	64QAM	1	0	20.3	20.5	20.3	20.4	0.0	21.5	20.2	19.9	19.8	19.9	0.0	20.9
		1	25	20.3	20.5	20.4	20.4	0.0	21.5	20.0	19.9	19.9	20.0	0.0	20.9
		1	49	20.3	20.5	20.4	20.4	0.0	21.5	20.1	19.9	19.8	20.0	0.0	20.9
		25	0	20.4	20.5	20.4	20.4	0.0	21.5	20.1	20.0	19.8	20.0	0.0	20.9
		25	12	20.4	20.5	20.4	20.4	0.0	21.5	20.1	20.0	19.9	20.0	0.0	20.9
		25	25	20.4	20.5	20.5	20.5	0.0	21.5	20.1	20.0	20.0	20.0	0.0	20.9
		50	0	20.4	20.4	20.4	20.4	0.0	21.5	20.1	20.0	19.9	20.0	0.0	20.9
	256QAM	1	0	19.8	19.9	19.8	19.8	0.5	21.0	20.0	19.9	19.7	19.9	0.0	20.9
		1	25	19.8	20.0	19.9	19.9	0.5	21.0	20.1	20.0	19.9	19.9	0.0	20.9
		1	49	19.7	19.8	19.8	19.9	0.5	21.0	19.9	19.9	19.7	20.0	0.0	20.9
		25	0	19.9	20.0	19.9	19.9	0.5	21.0	20.1	20.0	19.8	20.0	0.0	20.9
		25	12	19.9	20.0	19.9	19.9	0.5	21.0	20.2	20.0	20.0	20.0	0.0	20.9
		25	25	19.9	20.0	20.0	20.0	0.5	21.0	20.1	20.0	20.0	20.1	0.0	20.9
		50	0	19.9	20.0	19.9	19.9	0.5	21.0	20.1	20.0	19.8	20.0	0.0	20.9

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						Power Mode B (dBm)					
				55265	55748	56232	56715	MPR	Tune-up Limit	55265	55748	56232	56715	MPR	Tune-up Limit
				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 MHz	QPSK	1	0	20.3	20.4	20.2	20.3	0.0	21.5	20.0	19.9	19.8	19.9	0.0	20.9
		1	12	20.4	20.5	20.3	20.4	0.0	21.5	20.1	20.0	19.9	20.1	0.0	20.9
		1	24	20.4	20.4	20.3	20.3	0.0	21.5	20.0	19.9	19.9	20.0	0.0	20.9
		12	0	20.3	20.5	20.2	20.4	0.0	21.5	20.1	19.9	19.9	20.0	0.0	20.9
		12	7	20.4	20.5	20.3	20.4	0.0	21.5	20.1	20.0	20.0	20.1	0.0	20.9
		12	13	20.4	20.5	20.3	20.4	0.0	21.5	20.1	20.0	19.9	20.0	0.0	20.9
		25	0	20.3	20.5	20.3	20.4	0.0	21.5	20.1	19.9	19.9	20.0	0.0	20.9
	16QAM	1	0	20.4	20.5	20.4	20.5	0.0	21.5	20.0	19.9	19.9	19.9	0.0	20.9
		1	12	20.5	20.6	20.5	20.6	0.0	21.5	20.2	20.1	20.0	20.1	0.0	20.9
		1	24	20.5	20.5	20.5	20.5	0.0	21.5	20.1	20.0	20.0	20.0	0.0	20.9
		12	0	20.3	20.5	20.2	20.7	0.0	21.5	20.1	20.0	19.9	20.0	0.0	20.9
		12	7	20.3	20.5	20.3	20.7	0.0	21.5	20.1	20.0	20.0	20.0	0.0	20.9
		12	13	20.3	20.5	20.3	20.7	0.0	21.5	20.0	20.0	19.9	20.0	0.0	20.9
		25	0	20.3	20.5	20.3	20.5	0.0	21.5	20.1	20.0	19.9	20.1	0.0	20.9
	64QAM	1	0	20.3	20.5	20.3	20.4	0.0	21.5	20.1	19.8	19.9	19.9	0.0	20.9
		1	12	20.4	20.5	20.4	20.5	0.0	21.5	20.1	19.9	20.0	20.0	0.0	20.9
		1	24	20.4	20.6	20.3	20.4	0.0	21.5	20.1	19.9	20.0	20.0	0.0	20.9
		12	0	20.4	20.5	20.2	20.5	0.0	21.5	20.2	19.9	19.9	20.0	0.0	20.9
		12	7	20.4	20.5	20.3	20.5	0.0	21.5	20.2	20.0	19.9	20.0	0.0	20.9
		12	13	20.4	20.5	20.3	20.5	0.0	21.5	20.2	20.0	20.0	20.0	0.0	20.9
		25	0	20.4	20.5	20.3	20.5	0.0	21.5	20.2	19.9	19.9	20.0	0.0	20.9
	256QAM	1	0	19.7	19.9	19.7	19.8	0.5	21.0	20.1	20.0	19.9	19.9	0.0	20.9
		1	12	19.8	20.0	19.8	19.8	0.5	21.0	20.2	20.0	19.9	20.0	0.0	20.9
		1	24	19.8	20.0	19.9	19.9	0.5	21.0	20.2	20.0	19.9	19.9	0.0	20.9
		12	0	19.8	20.0	19.7	19.9	0.5	21.0	20.2	20.0	19.9	20.0	0.0	20.9
		12	7	19.8	20.0	19.8	19.9	0.5	21.0	20.2	20.0	20.0	20.0	0.0	20.9
		12	13	19.8	20.0	19.8	19.9	0.5	21.0	20.2	20.0	19.9	20.0	0.0	20.9
		25	0	19.8	20.0	19.8	19.8	0.5	21.0	20.2	20.0	19.9	19.9	0.0	20.9

LTE Band 48 Measured Results (ANT9)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						Power Mode B (dBm)					
				55340	55773	56207	56640	MPR	Tune-up Limit	55340	55773	56207	56640	MPR	Tune-up Limit
				3560 MHz	3603.3 MHz	3646.7 MHz	3690 MHz			3560 MHz	3603.3 MHz	3646.7 MHz	3690 MHz		
20 MHz	QPSK	1	0	20.5	20.3	20.5	20.3	0.0	21.3	18.8	18.7	18.7	18.6	0.0	19.6
		1	49	20.7	20.6	20.7	20.5	0.0	21.3	18.8	18.7	18.8	18.7	0.0	19.6
		1	99	20.6	20.5	20.5	20.4	0.0	21.3	18.7	18.6	18.7	18.6	0.0	19.6
		50	0	20.6	20.4	20.5	20.5	0.0	21.3	18.7	18.6	18.4	18.5	0.0	19.6
		50	24	20.7	20.5	20.7	20.6	0.0	21.3	18.7	18.6	18.7	18.6	0.0	19.6
		50	50	20.6	20.3	20.5	20.5	0.0	21.3	18.7	18.5	18.6	18.6	0.0	19.6
		100	0	20.5	20.4	20.5	20.4	0.0	21.3	18.7	18.6	18.7	18.5	0.0	19.6
	16QAM	1	0	20.5	20.3	20.3	20.4	0.0	21.3	18.6	18.2	18.3	18.3	0.0	19.6
		1	49	20.6	20.5	20.5	20.5	0.0	21.3	18.5	18.3	18.5	18.3	0.0	19.6
		1	99	20.4	20.3	20.3	20.4	0.0	21.3	18.5	18.2	18.4	18.2	0.0	19.6
		50	0	20.4	20.2	20.2	20.3	0.0	21.3	18.5	18.3	18.3	18.3	0.0	19.6
		50	24	20.5	20.3	20.2	20.3	0.0	21.3	18.5	18.3	18.4	18.3	0.0	19.6
		50	50	20.5	20.3	20.3	20.4	0.0	21.3	18.6	18.3	18.5	18.3	0.0	19.6
		100	0	20.5	20.3	20.2	20.3	0.0	21.3	18.5	18.3	18.3	18.3	0.0	19.6
	64QAM	1	0	20.4	20.2	20.2	20.2	0.0	21.3	18.4	18.2	18.3	18.3	0.0	19.6
		1	49	20.5	20.3	20.3	20.3	0.0	21.3	18.4	18.3	18.6	18.5	0.0	19.6
		1	99	20.4	20.2	20.2	20.4	0.0	21.3	18.4	18.3	18.3	18.3	0.0	19.6
		50	0	20.4	20.2	20.2	20.3	0.0	21.3	18.5	18.3	18.3	18.3	0.0	19.6
		50	24	20.5	20.3	20.2	20.3	0.0	21.3	18.5	18.3	18.4	18.3	0.0	19.6
		50	50	20.5	20.3	20.3	20.4	0.0	21.3	18.5	18.3	18.5	18.4	0.0	19.6
		100	0	20.5	20.3	20.2	20.3	0.0	21.3	18.5	18.3	18.4	18.3	0.0	19.6
	256QAM	1	0	19.9	19.5	19.4	19.7	0.3	21.0	18.4	18.3	18.4	18.4	0.0	19.6
		1	49	19.9	19.5	19.4	19.7	0.3	21.0	18.4	18.2	18.4	18.4	0.0	19.6
		1	99	19.9	19.6	19.5	19.8	0.3	21.0	18.4	18.2	18.6	18.4	0.0	19.6
		50	0	19.7	19.5	19.5	19.6	0.3	21.0	18.5	18.3	18.4	18.3	0.0	19.6
		50	24	19.8	19.6	19.5	19.6	0.3	21.0	18.6	18.3	18.4	18.4	0.0	19.6
		50	50	19.8	19.6	19.6	19.7	0.3	21.0	18.6	18.3	18.5	18.4	0.0	19.6
		100	0	19.8	19.6	19.5	19.6	0.3	21.0	18.5	18.3	18.4	18.3	0.0	19.6

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						Power Mode B (dBm)					
				55315	55765	56215	56665	MPR	Tune-up Limit	55315	55765	56215	56665	MPR	Tune-up Limit
				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 MHz	QPSK	1	0	20.4	20.2	20.1	20.2	0.0	21.3	18.5	18.2	18.3	18.3	0.0	19.6
		1	37	20.5	20.3	20.2	20.3	0.0	21.3	18.5	18.3	18.3	18.3	0.0	19.6
		1	74	20.5	20.2	20.2	20.3	0.0	21.3	18.5	18.2	18.3	18.3	0.0	19.6
		36	0	20.5	20.3	20.1	20.2	0.0	21.3	18.6	18.3	18.3	18.3	0.0	19.6
		36	20	20.5	20.3	20.2	20.3	0.0	21.3	18.6	18.3	18.4	18.4	0.0	19.6
		36	39	20.5	20.3	20.2	20.4	0.0	21.3	18.6	18.3	18.4	18.4	0.0	19.6
		75	0	20.5	20.3	20.2	20.3	0.0	21.3	18.6	18.3	18.4	18.4	0.0	19.6
	16QAM	1	0	20.4	20.1	20.2	20.3	0.0	21.3	18.6	18.1	18.3	18.3	0.0	19.6
		1	37	20.5	20.2	20.2	20.3	0.0	21.3	18.6	18.2	18.4	18.4	0.0	19.6
		1	74	20.4	20.1	20.2	20.3	0.0	21.3	18.5	18.1	18.4	18.4	0.0	19.6
		36	0	20.5	20.3	20.1	20.3	0.0	21.3	18.6	18.3	18.3	18.3	0.0	19.6
		36	20	20.5	20.3	20.2	20.4	0.0	21.3	18.6	18.3	18.4	18.4	0.0	19.6
		36	39	20.5	20.3	20.2	20.4	0.0	21.3	18.6	18.3	18.4	18.4	0.0	19.6
		75	0	20.5	20.3	20.2	20.4	0.0	21.3	18.6	18.3	18.4	18.4	0.0	19.6
	64QAM	1	0	20.4	20.1	20.1	20.2	0.0	21.3	18.4	18.2	18.2	18.3	0.0	19.6
		1	37	20.3	20.1	20.3	20.3	0.0	21.3	18.4	18.2	18.3	18.3	0.0	19.6
		1	74	20.2	20.1	20.2	20.3	0.0	21.3	18.4	18.2	18.3	18.4	0.0	19.6
		36	0	20.5	20.3	20.2	20.3	0.0	21.3	18.6	18.3	18.4	18.3	0.0	19.6
		36	20	20.5	20.3	20.3	20.4	0.0	21.3	18.6	18.3	18.4	18.4	0.0	19.6
		36	39	20.5	20.3	20.3	20.4	0.0	21.3	18.6	18.4	18.4	18.4	0.0	19.6
		75	0	20.5	20.3	20.3	20.4	0.0	21.3	18.6	18.3	18.4	18.5	0.0	19.6
	256QAM	1	0	19.6	19.5	19.4	19.6	0.3	21.0	18.5	18.2	18.3	18.4	0.0	19.6
		1	37	19.7	19.5	19.5	19.6	0.3	21.0	18.5	18.2	18.4	18.5	0.0	19.6
		1	74	19.8	19.5	19.6	19.7	0.3	21.0	18.5	18.3	18.4	18.5	0.0	19.6
		36	0	19.8	19.6	19.5	19.6	0.3	21.0	18.6	18.3	18.3	18.3	0.0	19.6
		36	20	19.8	19.6	19.6	19.7	0.3	21.0	18.6	18.3	18.4	18.4	0.0	19.6
		36	39	19.8	19.6	19.6	19.7	0.3	21.0	18.6	18.3	18.4	18.5	0.0	19.6
		75	0	19.8	19.6	19.6	19.7	0.3	21.0	18.6	18.3	18.4	18.5	0.0	19.6

LTE Band 48 Measured Results (ANT9) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						Power Mode B (dBm)					
				55290	55757	56223	56690	MPR	Tune-up Limit	55290	55757	56223	56690	MPR	Tune-up Limit
				3555 MHz	3601.7 MHz	3648.3 MHz	3695 MHz			3555 MHz	3601.7 MHz	3648.3 MHz	3695 MHz		
10 MHz	QPSK	1	0	20.5	20.4	20.4	20.4	0.0	21.3	18.7	18.4	18.5	18.5	0.0	19.6
		1	25	20.5	20.5	20.5	20.5	0.0	21.3	18.7	18.4	18.5	18.5	0.0	19.6
		1	49	20.5	20.4	20.4	20.4	0.0	21.3	18.6	18.4	18.5	18.5	0.0	19.6
		25	0	20.6	20.4	20.3	20.4	0.0	21.3	18.7	18.5	18.5	18.5	0.0	19.6
		25	12	20.6	20.4	20.4	20.4	0.0	21.3	18.7	18.5	18.6	18.5	0.0	19.6
		25	25	20.6	20.4	20.5	20.5	0.0	21.3	18.7	18.5	18.6	18.6	0.0	19.6
		50	0	20.6	20.4	20.4	20.4	0.0	21.3	18.7	18.4	18.6	18.5	0.0	19.6
	16QAM	1	0	20.6	20.3	20.4	20.3	0.0	21.3	18.8	18.5	18.6	18.6	0.0	19.6
		1	25	20.6	20.3	20.5	20.4	0.0	21.3	18.8	18.5	18.6	18.7	0.0	19.6
		1	49	20.6	20.3	20.5	20.4	0.0	21.3	18.7	18.4	18.7	18.6	0.0	19.6
		25	0	20.6	20.4	20.3	20.4	0.0	21.3	18.7	18.5	18.4	18.5	0.0	19.6
		25	12	20.6	20.4	20.5	20.4	0.0	21.3	18.7	18.5	18.6	18.5	0.0	19.6
		25	25	20.6	20.4	20.5	20.5	0.0	21.3	18.7	18.5	18.6	18.6	0.0	19.6
		50	0	20.6	20.4	20.4	20.4	0.0	21.3	18.7	18.5	18.6	18.5	0.0	19.6
	64QAM	1	0	20.5	20.3	20.4	20.5	0.0	21.3	18.7	18.4	18.5	18.6	0.0	19.6
		1	25	20.6	20.4	20.4	20.4	0.0	21.3	18.7	18.4	18.6	18.6	0.0	19.6
		1	49	20.5	20.5	20.3	20.3	0.0	21.3	18.7	18.3	18.5	18.5	0.0	19.6
		25	0	20.6	20.5	20.3	20.4	0.0	21.3	18.7	18.4	18.5	18.5	0.0	19.6
		25	12	20.6	20.5	20.4	20.4	0.0	21.3	18.7	18.5	18.6	18.5	0.0	19.6
		25	25	20.6	20.5	20.4	20.5	0.0	21.3	18.7	18.5	18.6	18.6	0.0	19.6
		50	0	20.6	20.5	20.4	20.4	0.0	21.3	18.7	18.5	18.6	18.5	0.0	19.6
	256QAM	1	0	19.7	19.7	19.6	19.8	0.3	21.0	18.7	18.4	18.4	18.4	0.0	19.6
		1	25	19.8	19.8	19.7	19.8	0.3	21.0	18.7	18.5	18.5	18.5	0.0	19.6
		1	49	19.8	19.8	19.6	19.7	0.3	21.0	18.5	18.4	18.4	18.4	0.0	19.6
		25	0	19.9	19.8	19.7	19.8	0.3	21.0	18.7	18.4	18.5	18.5	0.0	19.6
		25	12	19.9	19.8	19.8	19.8	0.3	21.0	18.8	18.5	18.6	18.6	0.0	19.6
		25	25	19.9	19.8	19.8	19.8	0.3	21.0	18.7	18.5	18.6	18.6	0.0	19.6
		50	0	19.9	19.8	19.8	19.7	0.3	21.0	18.7	18.5	18.6	18.5	0.0	19.6
BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						Power Mode B (dBm)					
				55265	55748	56232	56715	MPR	Tune-up Limit	55265	55748	56232	56715	MPR	Tune-up Limit
				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 MHz	QPSK	1	0	20.5	20.3	20.4	20.4	0.0	21.3	18.6	18.3	18.4	18.5	0.0	19.6
		1	12	20.6	20.4	20.4	20.4	0.0	21.3	18.7	18.4	18.6	18.6	0.0	19.6
		1	24	20.6	20.4	20.4	20.4	0.0	21.3	18.6	18.4	18.5	18.5	0.0	19.6
		12	0	20.6	20.4	20.4	20.4	0.0	21.3	18.7	18.4	18.5	18.5	0.0	19.6
		12	7	20.6	20.4	20.5	20.5	0.0	21.3	18.7	18.5	18.6	18.6	0.0	19.6
		12	13	20.5	20.3	20.4	20.4	0.0	21.3	18.6	18.4	18.5	18.6	0.0	19.6
		25	0	20.6	20.4	20.4	20.4	0.0	21.3	18.7	18.4	18.5	18.6	0.0	19.6
	16QAM	1	0	20.5	20.3	20.5	20.3	0.0	21.3	18.6	18.4	18.5	18.5	0.0	19.6
		1	12	20.7	20.4	20.6	20.5	0.0	21.3	18.7	18.4	18.6	18.6	0.0	19.6
		1	24	20.6	20.4	20.5	20.4	0.0	21.3	18.7	18.4	18.5	18.5	0.0	19.6
		12	0	20.6	20.4	20.5	20.5	0.0	21.3	18.6	18.3	18.6	18.5	0.0	19.6
		12	7	20.6	20.4	20.6	20.5	0.0	21.3	18.7	18.4	18.6	18.5	0.0	19.6
		12	13	20.6	20.3	20.5	20.5	0.0	21.3	18.6	18.3	18.5	18.5	0.0	19.6
		25	0	20.5	20.3	20.4	20.4	0.0	21.3	18.6	18.4	18.5	18.6	0.0	19.6
	64QAM	1	0	20.6	20.3	20.4	20.4	0.0	21.3	18.6	18.3	18.5	18.5	0.0	19.6
		1	12	20.6	20.5	20.4	20.5	0.0	21.3	18.7	18.4	18.5	18.6	0.0	19.6
		1	24	20.6	20.4	20.4	20.5	0.0	21.3	18.7	18.4	18.5	18.5	0.0	19.6
		12	0	20.6	20.4	20.4	20.5	0.0	21.3	18.7	18.4	18.5	18.6	0.0	19.6
		12	7	20.6	20.4	20.4	20.5	0.0	21.3	18.7	18.5	18.6	18.6	0.0	19.6
		12	13	20.6	20.4	20.4	20.5	0.0	21.3	18.7	18.4	18.5	18.6	0.0	19.6
		25	0	20.6	20.4	20.4	20.5	0.0	21.3	18.7	18.4	18.5	18.5	0.0	19.6
	256QAM	1	0	19.8	19.7	19.6	19.7	0.3	21.0	18.6	18.4	18.5	18.5	0.0	19.6
		1	12	19.9	19.7	19.7	19.8	0.3	21.0	18.7	18.4	18.6	18.6	0.0	19.6
		1	24	19.8	19.7	19.6	19.8	0.3	21.0	18.7	18.4	18.5	18.5	0.0	19.6
		12	0	19.9	19.7	19.7	19.9	0.3	21.0	18.7	18.4	18.5	18.6	0.0	19.6
		12	7	19.9	19.7	19.8	19.9	0.3	21.0	18.7	18.4	18.6	18.6	0.0	19.6
		12	13	19.9	19.6	19.7	19.9	0.3	21.0	18.7	18.4	18.6	18.6	0.0	19.6
		25	0	19.9	19.7	19.7	19.8	0.3	21.0	18.7	18.4	18.5	18.6	0.0	19.6

LTE Band 48 Measured Results (ANT4)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						Power Mode B (dBm)					
				55340	55773	56207	56640	MPR	Tune-up Limit	55340	55773	56207	56640	MPR	Tune-up Limit
				3560 MHz	3603.3 MHz	3646.7 MHz	3690 MHz			3560 MHz	3603.3 MHz	3646.7 MHz	3690 MHz		
20 MHz	QPSK	1	0	20.0	19.9	20.1	19.8	0.0	21.0	21.5	21.2	21.5	21.2	0.0	22.0
		1	49	20.2	20.1	20.2	20.0	0.0	21.0	21.5	21.4	21.5	21.5	0.0	22.0
		1	99	20.1	20.0	20.2	19.9	0.0	21.0	21.4	21.3	21.4	21.4	0.0	22.0
		50	0	20.1	19.8	20.0	19.9	0.0	21.0	21.5	21.3	21.1	21.3	0.0	22.0
		50	24	20.1	20.0	20.1	20.0	0.0	21.0	21.5	21.4	21.5	21.5	0.0	22.0
		50	50	20.0	19.9	19.7	19.9	0.0	21.0	21.4	21.3	21.3	21.4	0.0	22.0
		100	0	20.0	20.0	20.1	20.0	0.0	21.0	21.4	21.3	21.4	21.4	0.0	22.0
	16QAM	1	0	20.0	19.9	19.7	19.8	0.0	21.0	21.0	21.0	21.0	21.0	0.0	22.0
		1	49	19.9	19.9	20.0	20.0	0.0	21.0	21.3	21.2	21.2	21.2	0.0	22.0
		1	99	19.9	19.9	19.8	19.8	0.0	21.0	21.0	21.0	21.1	21.1	0.0	22.0
		50	0	20.0	19.8	19.6	19.7	0.0	21.0	20.9	21.0	20.9	21.0	0.0	22.0
		50	24	20.0	19.9	19.7	19.7	0.0	21.0	21.1	21.1	21.1	21.1	0.0	22.0
		50	50	19.9	19.8	19.8	19.8	0.0	21.0	21.1	21.1	21.1	21.1	0.0	22.0
		100	0	19.9	19.9	19.7	19.7	0.0	21.0	21.0	21.0	21.0	21.1	0.0	22.0
	64QAM	1	0	19.8	19.7	19.5	19.6	0.0	21.0	20.9	20.9	20.9	20.9	0.0	22.0
		1	49	19.8	19.7	19.7	19.7	0.0	21.0	21.1	21.0	21.2	21.0	0.0	22.0
		1	99	19.8	19.7	19.6	19.7	0.0	21.0	21.0	21.0	21.0	21.0	0.0	22.0
		50	0	19.9	19.8	19.6	19.6	0.0	21.0	20.7	20.6	20.7	20.7	0.0	22.0
		50	24	19.9	19.8	19.7	19.7	0.0	21.0	20.8	20.8	20.8	20.8	0.0	22.0
		50	50	19.9	19.8	19.7	19.8	0.0	21.0	20.8	20.8	20.8	20.8	0.0	22.0
		100	0	19.8	19.8	19.7	19.6	0.0	21.0	20.8	20.8	20.8	20.8	0.0	22.0
	256QAM	1	0	19.0	18.8	18.7	18.6	1.0	20.0	18.7	18.8	18.7	18.7	2.0	20.0
		1	49	18.9	18.8	18.7	18.6	1.0	20.0	18.7	18.8	18.7	18.8	2.0	20.0
		1	99	18.9	18.7	18.8	18.7	1.0	20.0	18.7	18.8	18.8	18.7	2.0	20.0
		50	0	18.9	18.8	18.6	18.7	1.0	20.0	18.7	18.6	18.6	18.6	2.0	20.0
		50	24	18.9	18.8	18.7	18.7	1.0	20.0	18.8	18.8	18.8	18.8	2.0	20.0
		50	50	18.9	18.8	18.7	18.8	1.0	20.0	18.8	18.8	18.8	18.8	2.0	20.0
		100	0	18.9	18.8	18.8	18.7	1.0	20.0	18.8	18.7	18.8	18.8	2.0	20.0

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						Power Mode B (dBm)					
				55315	55765	56215	56665	MPR	Tune-up Limit	55315	55765	56215	56665	MPR	Tune-up Limit
				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 MHz	QPSK	1	0	19.6	19.8	19.6	19.6	0.0	21.0	21.2	21.1	20.9	21.1	0.0	22.0
		1	37	19.6	19.8	19.7	19.6	0.0	21.0	21.2	21.1	21.0	21.0	0.0	22.0
		1	74	19.7	19.8	19.7	19.7	0.0	21.0	21.2	21.0	21.0	21.1	0.0	22.0
		36	0	19.6	19.8	19.6	19.6	0.0	21.0	21.3	21.0	20.9	21.0	0.0	22.0
		36	20	19.6	19.8	19.7	19.6	0.0	21.0	21.3	21.0	21.0	21.0	0.0	22.0
		36	39	19.6	19.8	19.7	19.6	0.0	21.0	21.3	21.1	21.1	21.1	0.0	22.0
		75	0	19.6	19.8	19.7	19.6	0.0	21.0	21.3	21.0	21.0	21.0	0.0	22.0
	16QAM	1	0	19.7	20.0	19.5	19.6	0.0	21.0	21.2	21.0	20.9	21.0	0.0	22.0
		1	37	19.9	19.9	19.7	19.9	0.0	21.0	21.2	21.3	20.9	21.2	0.0	22.0
		1	74	19.8	20.0	19.7	19.8	0.0	21.0	21.2	21.1	21.0	21.1	0.0	22.0
		36	0	19.7	19.9	19.7	19.6	0.0	21.0	21.3	21.0	20.9	21.0	0.0	22.0
		36	20	19.7	19.9	19.8	19.7	0.0	21.0	21.3	21.0	21.0	21.0	0.0	22.0
		36	39	19.6	19.9	19.8	19.7	0.0	21.0	21.3	21.1	21.0	21.1	0.0	22.0
		75	0	19.6	19.9	19.7	19.6	0.0	21.0	21.3	21.0	21.0	20.9	0.0	22.0
	64QAM	1	0	19.7	19.8	19.5	19.7	0.0	21.0	21.2	20.8	20.9	20.9	0.0	22.0
		1	37	19.6	19.9	19.7	19.7	0.0	21.0	21.2	21.1	21.0	21.0	0.0	22.0
		1	74	19.6	19.8	19.7	19.7	0.0	21.0	21.2	21.0	21.1	21.0	0.0	22.0
		36	0	19.6	19.8	19.6	19.6	0.0	21.0	21.0	20.7	20.6	20.7	0.0	22.0
		36	20	19.6	19.8	19.7	19.6	0.0	21.0	21.0	20.7	20.7	20.7	0.0	22.0
		36	39	19.7	19.8	19.7	19.7	0.0	21.0	21.0	20.7	20.7	20.8	0.0	22.0
		75	0	19.6	19.8	19.7	19.6	0.0	21.0	21.0	20.7	20.7	20.7	0.0	22.0
	256QAM	1	0	18.7	18.8	18.6	18.7	1.0	20.0	18.9	18.7	18.8	18.8	2.0	20.0
		1	37	18.8	18.8	18.7	18.8	1.0	20.0	19.0	18.8	18.6	18.8	2.0	20.0
		1	74	18.8	18.9	18.8	18.8	1.0	20.0	19.0	18.8	18.8	18.9	2.0	20.0
		36	0	18.6	18.8	18.6	18.6	1.0	20.0	18.9	18.6	18.6	18.7	2.0	20.0
		36	20	18.6	18.8	18.7	18.6	1.0	20.0	19.0	18.7	18.7	18.7	2.0	20.0
		36	39	18.7	18.8	18.7	18.7	1.0	20.0	19.0	18.7	18.7	18.7	2.0	20.0
		75	0	18.6	18.8	18.7	18.6	1.0	20.0	19.0	18.7	18.7	18.7	2.0	20.0

LTE Band 48 Measured Results (ANT4) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						Power Mode B (dBm)					
				55290	55757	56223	56690	MPR	Tune-up Limit	55290	55757	56223	56690	MPR	Tune-up Limit
				3555 MHz	3601.7 MHz	3648.3 MHz	3695 MHz			3555 MHz	3601.7 MHz	3648.3 MHz	3695 MHz		
10 MHz	QPSK	1	0	20.0	19.9	19.7	19.8	0.0	21.0	21.4	21.3	21.1	21.0	0.0	22.0
		1	25	20.0	19.9	19.6	19.9	0.0	21.0	21.4	21.3	21.1	21.1	0.0	22.0
		1	49	19.9	19.8	19.6	19.8	0.0	21.0	21.3	21.2	21.1	21.0	0.0	22.0
		25	0	20.1	19.9	19.6	19.8	0.0	21.0	21.5	21.3	21.1	21.0	0.0	22.0
		25	12	20.0	19.9	19.7	19.8	0.0	21.0	21.4	21.3	21.1	21.0	0.0	22.0
		25	25	20.0	19.9	19.6	19.9	0.0	21.0	21.4	21.3	21.2	21.0	0.0	22.0
		50	0	20.0	19.9	19.6	19.8	0.0	21.0	21.4	21.3	21.1	21.0	0.0	22.0
	16QAM	1	0	20.1	19.9	19.7	19.9	0.0	21.0	21.5	21.2	21.2	21.0	0.0	22.0
		1	25	20.1	19.9	19.9	19.9	0.0	21.0	21.5	21.2	21.2	21.0	0.0	22.0
		1	49	20.1	19.8	20.0	19.9	0.0	21.0	21.4	21.2	21.2	21.3	0.0	22.0
		25	0	20.0	20.0	19.6	19.8	0.0	21.0	21.5	21.4	21.1	21.0	0.0	22.0
		25	12	20.0	19.9	19.7	19.9	0.0	21.0	21.4	21.3	21.2	21.0	0.0	22.0
		25	25	20.0	19.9	19.7	19.9	0.0	21.0	21.4	21.3	21.3	21.0	0.0	22.0
		50	0	20.0	19.9	19.7	19.8	0.0	21.0	21.4	21.3	21.1	21.0	0.0	22.0
	64QAM	1	0	20.0	20.0	19.6	19.7	0.0	21.0	21.4	21.2	21.1	21.0	0.0	22.0
		1	25	20.0	20.0	19.6	19.8	0.0	21.0	21.5	21.3	21.1	21.1	0.0	22.0
		1	49	20.0	19.9	19.8	19.7	0.0	21.0	21.4	21.1	21.1	21.2	0.0	22.0
		25	0	20.1	20.0	19.6	19.8	0.0	21.0	21.2	21.1	20.8	20.7	0.0	22.0
		25	12	20.0	19.9	19.7	19.8	0.0	21.0	21.1	21.0	20.8	20.7	0.0	22.0
		25	25	20.0	19.9	19.6	19.9	0.0	21.0	21.1	21.0	20.9	20.7	0.0	22.0
		50	0	20.0	19.9	19.6	19.8	0.0	21.0	21.1	21.0	20.8	20.7	0.0	22.0
	256QAM	1	0	19.0	18.8	18.8	18.8	1.0	20.0	19.1	19.0	18.7	18.6	2.0	20.0
		1	25	19.0	18.9	18.8	18.9	1.0	20.0	19.1	19.0	18.9	18.6	2.0	20.0
		1	49	18.8	18.7	18.7	18.8	1.0	20.0	18.9	18.8	18.8	18.7	2.0	20.0
		25	0	19.1	19.0	18.6	18.8	1.0	20.0	19.1	19.0	18.8	18.6	2.0	20.0
		25	12	19.0	18.9	18.6	18.8	1.0	20.0	19.1	19.0	18.8	18.7	2.0	20.0
		25	25	19.0	18.9	18.6	18.9	1.0	20.0	19.1	19.0	18.9	18.7	2.0	20.0
		50	0	19.0	18.9	18.6	18.8	1.0	20.0	19.1	19.0	18.8	18.7	2.0	20.0

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						Power Mode B (dBm)					
				55265	55748	56232	56715	MPR	Tune-up Limit	55265	55748	56232	56715	MPR	Tune-up Limit
				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 MHz	QPSK	1	0	19.6	19.8	19.6	19.6	0.0	21.0	21.1	21.1	21.1	21.0	0.0	22.0
		1	12	19.6	19.8	19.6	19.5	0.0	21.0	21.0	21.0	20.9	21.0	0.0	22.0
		1	24	19.6	19.8	19.6	19.6	0.0	21.0	21.1	21.1	21.0	21.1	0.0	22.0
		12	0	19.6	19.8	19.6	19.6	0.0	21.0	21.0	21.0	21.0	21.0	0.0	22.0
		12	7	19.6	19.7	19.6	19.6	0.0	21.0	21.0	21.0	21.0	21.0	0.0	22.0
		12	13	19.6	19.8	19.6	19.6	0.0	21.0	21.0	21.0	21.0	21.0	0.0	22.0
		25	0	19.6	19.8	19.6	19.6	0.0	21.0	21.0	21.0	20.9	21.0	0.0	22.0
	16QAM	1	0	19.7	20.0	19.9	19.7	0.0	21.0	21.1	21.1	21.0	21.1	0.0	22.0
		1	12	19.7	19.9	19.8	19.6	0.0	21.0	21.2	21.1	21.0	21.2	0.0	22.0
		1	24	19.7	20.1	19.8	19.7	0.0	21.0	21.2	21.2	21.1	21.2	0.0	22.0
		12	0	19.6	19.8	19.6	19.7	0.0	21.0	21.0	20.9	20.9	20.9	0.0	22.0
		12	7	19.6	19.8	19.6	19.7	0.0	21.0	21.0	20.9	20.9	20.9	0.0	22.0
		12	13	19.6	19.8	19.6	19.7	0.0	21.0	21.0	20.9	20.9	21.0	0.0	22.0
		25	0	19.6	19.8	19.6	19.6	0.0	21.0	21.0	21.0	20.9	21.0	0.0	22.0
	64QAM	1	0	19.7	19.8	19.5	19.7	0.0	21.0	21.0	20.9	20.9	21.0	0.0	22.0
		1	12	19.6	19.8	19.5	19.5	0.0	21.0	21.0	21.0	20.9	21.0	0.0	22.0
		1	24	19.6	19.9	19.6	19.6	0.0	21.0	21.1	21.0	21.1	21.1	0.0	22.0
		12	0	19.6	19.7	19.6	19.6	0.0	21.0	21.0	21.0	20.9	21.0	0.0	22.0
		12	7	19.6	19.7	19.6	19.6	0.0	21.0	21.0	21.0	20.9	21.0	0.0	22.0
		12	13	19.6	19.8	19.6	19.6	0.0	21.0	21.0	21.0	20.9	21.0	0.0	22.0
		25	0	19.6	19.8	19.6	19.6	0.0	21.0	20.7	20.7	20.6	20.7	0.0	22.0
	256QAM	1	0	18.7	18.8	18.7	18.7	1.0	20.0	18.6	18.8	18.8	18.8	2.0	20.0
		1	12	18.6	18.8	18.6	18.6	1.0	20.0	18.6	18.7	18.7	18.7	2.0	20.0
		1	24	18.7	18.9	18.8	18.8	1.0	20.0	18.8	18.9	18.9	18.8	2.0	20.0
		12	0	18.6	18.8	18.6	18.6	1.0	20.0	18.7	18.7	18.6	18.7	2.0	20.0
		12	7	18.5	18.8	18.5	18.6	1.0	20.0	18.6	18.7	18.6	18.6	2.0	20.0
		12	13	18.5	18.8	18.6	18.6	1.0	20.0	18.7	18.7	18.6	18.6	2.0	20.0
		25	0	18.6	18.8	18.6	18.6	1.0	20.0	18.7	18.7	18.6	18.6	2.0	20.0

LTE Band 53 Measured Results (ANT1)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
				60197	MPR	Tune-up Limit	60197	MPR	Tune-up Limit
				2489.2 MHz			2489.2 MHz		
10 MHz	QPSK	1	0	20.2	0	20.7	20.2	0	20.7
		1	25	20.3	0	20.7	20.3	0	20.7
		1	49	20.2	0	20.7	20.2	0	20.7
		25	0	20.3	0	20.7	20.3	0	20.7
		25	12	20.3	0	20.7	20.3	0	20.7
		25	25	20.3	0	20.7	20.3	0	20.7
		50	0	20.2	0	20.7	20.2	0	20.7
	16QAM	1	0	20.1	0	20.7	20.1	0	20.7
		1	25	20.1	0	20.7	20.1	0	20.7
		1	49	20.1	0	20.7	20.1	0	20.7
		25	0	20.2	0	20.7	20.2	0	20.7
		25	12	20.3	0	20.7	20.3	0	20.7
		25	25	20.3	0	20.7	20.3	0	20.7
		50	0	20.3	0	20.7	20.3	0	20.7
	64QAM	1	0	20.2	0	20.7	20.2	0	20.7
		1	25	20.3	0	20.7	20.3	0	20.7
		1	49	20.2	0	20.7	20.2	0	20.7
		25	0	20.3	0	20.7	20.3	0	20.7
		25	12	20.3	0	20.7	20.3	0	20.7
		25	25	20.3	0	20.7	20.3	0	20.7
		50	0	20.3	0	20.7	20.3	0	20.7
	256QAM	1	0	20.2	0	20.7	20.2	0	20.7
		1	25	20.2	0	20.7	20.2	0	20.7
		1	49	20.2	0	20.7	20.2	0	20.7
		25	0	20.2	0	20.7	20.2	0	20.7
		25	12	20.3	0	20.7	20.3	0	20.7
		25	25	20.2	0	20.7	20.2	0	20.7
		50	0	20.2	0	20.7	20.2	0	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
				60197	MPR	Tune-up Limit	60197	MPR	Tune-up Limit
				2489.2 MHz			2489.2 MHz		
5 MHz	QPSK	1	0	20.2	0	20.7	20.2	0	20.7
		1	12	20.1	0	20.7	20.1	0	20.7
		1	24	20.1	0	20.7	20.1	0	20.7
		12	0	20.1	0	20.7	20.1	0	20.7
		12	7	20.1	0	20.7	20.1	0	20.7
		12	13	20.2	0	20.7	20.2	0	20.7
		25	0	20.1	0	20.7	20.1	0	20.7
	16QAM	1	0	20.2	0	20.7	20.2	0	20.7
		1	12	20.3	0	20.7	20.3	0	20.7
		1	24	20.2	0	20.7	20.2	0	20.7
		12	0	20.1	0	20.7	20.1	0	20.7
		12	7	20.1	0	20.7	20.1	0	20.7
		12	13	20.1	0	20.7	20.1	0	20.7
		25	0	20.2	0	20.7	20.2	0	20.7
	64QAM	1	0	20.1	0	20.7	20.1	0	20.7
		1	12	20.2	0	20.7	20.2	0	20.7
		1	24	20.2	0	20.7	20.2	0	20.7
		12	0	20.2	0	20.7	20.2	0	20.7
		12	7	20.2	0	20.7	20.2	0	20.7
		12	13	20.2	0	20.7	20.2	0	20.7
		25	0	20.2	0	20.7	20.2	0	20.7
	256QAM	1	0	20.1	0	20.7	20.1	0	20.7
		1	12	20.1	0	20.7	20.1	0	20.7
		1	24	20.1	0	20.7	20.1	0	20.7
		12	0	20.1	0	20.7	20.1	0	20.7
		12	7	20.2	0	20.7	20.2	0	20.7
		12	13	20.2	0	20.7	20.2	0	20.7
		25	0	20.2	0	20.7	20.2	0	20.7

LTE Band 53 Measured Results (ANT1) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				60155	60197	60240			60155	60197	60240		
				2485 MHz	2489.2 MHz	2493.5 MHz			2485 MHz	2489.2 MHz	2493.5 MHz		
3 MHz	QPSK	1	0	20.1	20.1	19.9	0	20.7	20.1	20.1	19.9	0	20.7
		1	8	20.2	20.2	20.0	0	20.7	20.2	20.2	20.0	0	20.7
		1	14	20.1	20.1	19.9	0	20.7	20.1	20.1	19.9	0	20.7
		8	0	20.2	20.2	20.0	0	20.7	20.2	20.2	20.0	0	20.7
		8	4	20.1	20.3	20.1	0	20.7	20.1	20.3	20.1	0	20.7
		8	7	20.2	20.3	20.1	0	20.7	20.2	20.3	20.1	0	20.7
		15	0	20.1	20.2	20.0	0	20.7	20.1	20.2	20.0	0	20.7
	16QAM	1	0	20.2	20.1	19.8	0	20.7	20.2	20.1	19.8	0	20.7
		1	8	20.3	20.2	19.9	0	20.7	20.3	20.2	19.9	0	20.7
		1	14	20.2	20.1	19.8	0	20.7	20.2	20.1	19.8	0	20.7
		8	0	20.2	20.2	20.0	0	20.7	20.2	20.2	20.0	0	20.7
		8	4	20.2	20.3	20.0	0	20.7	20.2	20.3	20.0	0	20.7
		8	7	20.2	20.3	20.1	0	20.7	20.2	20.3	20.1	0	20.7
		15	0	20.1	20.2	20.0	0	20.7	20.1	20.2	20.0	0	20.7
	64QAM	1	0	20.1	20.2	19.9	0	20.7	20.1	20.2	19.9	0	20.7
		1	8	20.3	20.2	20.0	0	20.7	20.3	20.2	20.0	0	20.7
		1	14	20.2	20.1	19.9	0	20.7	20.2	20.1	19.9	0	20.7
		8	0	20.2	20.2	20.0	0	20.7	20.2	20.2	20.0	0	20.7
		8	4	20.2	20.3	20.1	0	20.7	20.2	20.3	20.1	0	20.7
		8	7	20.2	20.3	20.0	0	20.7	20.2	20.3	20.0	0	20.7
		15	0	20.2	20.2	20.0	0	20.7	20.2	20.2	20.0	0	20.7
	256QAM	1	0	20.1	20.0	20.0	0	20.7	20.1	20.0	20.0	0	20.7
		1	8	20.1	20.3	20.1	0	20.7	20.1	20.3	20.1	0	20.7
		1	14	20.0	20.0	20.0	0	20.7	20.0	20.0	20.0	0	20.7
		8	0	20.2	20.3	20.0	0	20.7	20.2	20.3	20.0	0	20.7
		8	4	20.2	20.2	20.0	0	20.7	20.2	20.2	20.0	0	20.7
		8	7	20.1	20.2	20.0	0	20.7	20.1	20.2	20.0	0	20.7
		15	0	20.1	20.2	20.0	0	20.7	20.1	20.2	20.0	0	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				60147	60197	60248			60147	60197	60248		
				2484.2 MHz	2489.2 MHz	2494.3 MHz			2484.2 MHz	2489.2 MHz	2494.3 MHz		
1.4 MHz	QPSK	1	0	20.2	20.1	20.2	0	20.7	20.2	20.1	20.2	0	20.7
		1	3	20.2	20.2	20.1	0	20.7	20.2	20.2	20.1	0	20.7
		1	5	20.2	20.3	20.1	0	20.7	20.2	20.3	20.1	0	20.7
		3	0	20.2	20.2	20.2	0	20.7	20.2	20.2	20.2	0	20.7
		3	1	20.2	20.2	20.2	0	20.7	20.2	20.2	20.2	0	20.7
		3	3	20.2	20.1	20.2	0	20.7	20.2	20.1	20.2	0	20.7
		6	0	20.2	20.2	20.2	0	20.7	20.2	20.2	20.2	0	20.7
	16QAM	1	0	20.2	20.1	20.2	0	20.7	20.2	20.1	20.2	0	20.7
		1	3	20.1	20.0	20.0	0	20.7	20.1	20.0	20.0	0	20.7
		1	5	20.0	20.2	20.1	0	20.7	20.0	20.2	20.1	0	20.7
		3	0	20.1	20.2	20.1	0	20.7	20.1	20.2	20.1	0	20.7
		3	1	20.2	20.3	20.2	0	20.7	20.2	20.3	20.2	0	20.7
		3	3	20.1	20.2	20.3	0	20.7	20.1	20.2	20.3	0	20.7
		6	0	20.2	20.2	20.2	0	20.7	20.2	20.2	20.2	0	20.7
	64QAM	1	0	20.3	20.0	20.2	0	20.7	20.3	20.0	20.2	0	20.7
		1	3	20.1	20.0	20.2	0	20.7	20.1	20.0	20.2	0	20.7
		1	5	20.0	20.3	20.2	0	20.7	20.0	20.3	20.2	0	20.7
		3	0	20.3	20.2	20.2	0	20.7	20.3	20.2	20.2	0	20.7
		3	1	20.3	20.3	20.2	0	20.7	20.3	20.3	20.2	0	20.7
		3	3	20.2	20.0	20.1	0	20.7	20.2	20.0	20.1	0	20.7
		6	0	20.2	20.1	20.1	0	20.7	20.2	20.1	20.1	0	20.7
	256QAM	1	0	20.1	20.2	20.3	0	20.7	20.1	20.2	20.3	0	20.7
		1	3	20.1	20.1	20.2	0	20.7	20.1	20.1	20.2	0	20.7
		1	5	20.1	20.2	20.2	0	20.7	20.1	20.2	20.2	0	20.7
		3	0	20.2	20.2	20.2	0	20.7	20.2	20.2	20.2	0	20.7
		3	1	20.2	20.1	20.3	0	20.7	20.2	20.1	20.3	0	20.7
		3	3	20.2	20.1	20.1	0	20.7	20.2	20.1	20.1	0	20.7
		6	0	20.1	20.1	20.2	0	20.7	20.1	20.1	20.2	0	20.7

LTE Band 53 Measured Results (ANT2)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
				60197	MPR	Tune-up Limit	60197	MPR	Tune-up Limit
				2489.2 MHz			2489.2 MHz		
10 MHz	QPSK	1	0	18.0	0.0	18.6	19.2	0.0	20.1
		1	25	18.2	0.0	18.6	19.5	0.0	20.1
		1	49	17.9	0.0	18.6	19.4	0.0	20.1
		25	0	17.9	0.0	18.6	19.3	0.0	20.1
		25	12	18.2	0.0	18.6	19.4	0.0	20.1
		25	25	18.1	0.0	18.6	19.2	0.0	20.1
		50	0	18.2	0.0	18.6	19.4	0.0	20.1
	16QAM	1	0	17.8	0.0	18.6	19.2	0.0	20.1
		1	25	17.9	0.0	18.6	19.3	0.0	20.1
		1	49	17.9	0.0	18.6	19.2	0.0	20.1
		25	0	17.8	0.0	18.6	19.2	0.0	20.1
		25	12	17.9	0.0	18.6	19.2	0.0	20.1
		25	25	17.9	0.0	18.6	19.2	0.0	20.1
		50	0	17.8	0.0	18.6	19.2	0.0	20.1
	64QAM	1	0	17.8	0.0	18.6	19.1	0.0	20.1
		1	25	17.9	0.0	18.6	19.2	0.0	20.1
		1	49	17.8	0.0	18.6	19.0	0.0	20.1
		25	0	17.8	0.0	18.6	19.1	0.0	20.1
		25	12	17.9	0.0	18.6	19.2	0.0	20.1
		25	25	17.9	0.0	18.6	19.1	0.0	20.1
		50	0	17.8	0.0	18.6	19.1	0.0	20.1
	256QAM	1	0	17.3	0.4	18.2	17.1	1.9	18.2
		1	25	17.5	0.4	18.2	17.4	1.9	18.2
		1	49	17.4	0.4	18.2	17.1	1.9	18.2
		25	0	17.4	0.4	18.2	17.2	1.9	18.2
		25	12	17.5	0.4	18.2	17.3	1.9	18.2
		25	25	17.5	0.4	18.2	17.3	1.9	18.2
		50	0	17.4	0.4	18.2	17.2	1.9	18.2

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
				60197	MPR	Tune-up Limit	60197	MPR	Tune-up Limit
				2489.2 MHz			2489.2 MHz		
5 MHz	QPSK	1	0	17.7	0.0	18.6	19.1	0.0	20.1
		1	12	17.8	0.0	18.6	19.3	0.0	20.1
		1	24	17.6	0.0	18.6	19.2	0.0	20.1
		12	0	17.7	0.0	18.6	19.2	0.0	20.1
		12	7	17.8	0.0	18.6	19.3	0.0	20.1
		12	13	17.7	0.0	18.6	19.2	0.0	20.1
		25	0	17.7	0.0	18.6	19.2	0.0	20.1
	16QAM	1	0	17.7	0.0	18.6	19.2	0.0	20.1
		1	12	17.9	0.0	18.6	19.3	0.0	20.1
		1	24	17.7	0.0	18.6	19.2	0.0	20.1
		12	0	17.7	0.0	18.6	19.1	0.0	20.1
		12	7	17.8	0.0	18.6	19.3	0.0	20.1
		12	13	17.8	0.0	18.6	19.1	0.0	20.1
		25	0	17.7	0.0	18.6	19.2	0.0	20.1
	64QAM	1	0	17.8	0.0	18.6	19.2	0.0	20.1
		1	12	17.9	0.0	18.6	19.3	0.0	20.1
		1	24	17.8	0.0	18.6	19.2	0.0	20.1
		12	0	17.7	0.0	18.6	19.2	0.0	20.1
		12	7	17.8	0.0	18.6	19.3	0.0	20.1
		12	13	17.8	0.0	18.6	19.2	0.0	20.1
		25	0	17.8	0.0	18.6	19.2	0.0	20.1
	256QAM	1	0	17.3	0.4	18.2	17.3	1.9	18.2
		1	12	17.5	0.4	18.2	17.4	1.9	18.2
		1	24	17.4	0.4	18.2	17.3	1.9	18.2
		12	0	17.5	0.4	18.2	17.3	1.9	18.2
		12	7	17.5	0.4	18.2	17.4	1.9	18.2
		12	13	17.5	0.4	18.2	17.3	1.9	18.2
		25	0	17.5	0.4	18.2	17.3	1.9	18.2

LTE Band 53 Measured Results (ANT2) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				60155	60197	60240			60155	60197	60240		
				2485 MHz	2489.2 MHz	2493.5 MHz			2485 MHz	2489.2 MHz	2493.5 MHz		
3 MHz	QPSK	1	0	17.5	17.6	17.6	0.0	18.6	19.0	19.1	19.1	0.0	20.1
		1	8	17.7	17.7	17.7	0.0	18.6	19.2	19.2	19.1	0.0	20.1
		1	14	17.6	17.6	17.6	0.0	18.6	19.1	19.1	19.0	0.0	20.1
		8	0	17.7	17.7	17.7	0.0	18.6	19.2	19.2	19.1	0.0	20.1
		8	4	17.7	17.8	17.7	0.0	18.6	19.2	19.3	19.2	0.0	20.1
		8	7	17.7	17.7	17.7	0.0	18.6	19.2	19.3	19.1	0.0	20.1
		15	0	17.7	17.7	17.7	0.0	18.6	19.2	19.2	19.1	0.0	20.1
	16QAM	1	0	17.6	17.7	17.7	0.0	18.6	19.2	19.1	19.0	0.0	20.1
		1	8	17.7	17.8	17.8	0.0	18.6	19.3	19.2	19.0	0.0	20.1
		1	14	17.7	17.8	17.8	0.0	18.6	19.2	19.1	18.9	0.0	20.1
		8	0	17.7	17.7	17.7	0.0	18.6	19.2	19.3	19.1	0.0	20.1
		8	4	17.7	17.7	17.7	0.0	18.6	19.2	19.3	19.1	0.0	20.1
		8	7	17.7	17.7	17.7	0.0	18.6	19.3	19.3	19.1	0.0	20.1
		15	0	17.6	17.7	17.7	0.0	18.6	19.2	19.2	19.2	0.0	20.1
	64QAM	1	0	17.5	17.6	17.8	0.0	18.6	19.1	19.1	19.2	0.0	20.1
		1	8	17.7	17.7	17.7	0.0	18.6	19.2	19.2	19.2	0.0	20.1
		1	14	17.5	17.8	17.6	0.0	18.6	19.1	19.1	19.1	0.0	20.1
		8	0	17.7	17.8	17.7	0.0	18.6	19.2	19.2	19.2	0.0	20.1
		8	4	17.7	17.8	17.8	0.0	18.6	19.2	19.3	19.2	0.0	20.1
		8	7	17.7	17.8	17.7	0.0	18.6	19.2	19.3	19.1	0.0	20.1
		15	0	17.7	17.7	17.7	0.0	18.6	19.2	19.2	19.2	0.0	20.1
	256QAM	1	0	16.9	17.2	16.8	0.4	18.2	17.1	17.3	17.2	1.9	18.2
		1	8	17.3	17.3	17.3	0.4	18.2	17.3	17.4	17.2	1.9	18.2
		1	14	17.2	17.1	17.1	0.4	18.2	17.3	17.3	17.1	1.9	18.2
		8	0	17.3	17.3	17.3	0.4	18.2	17.3	17.4	17.2	1.9	18.2
		8	4	17.3	17.4	17.4	0.4	18.2	17.3	17.4	17.3	1.9	18.2
		8	7	17.3	17.4	17.4	0.4	18.2	17.3	17.4	17.2	1.9	18.2
		15	0	17.3	17.3	17.3	0.4	18.2	17.3	17.3	17.2	1.9	18.2

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				60147	60197	60248			60147	60197	60248		
				2484.2 MHz	2489.2 MHz	2494.3 MHz			2484.2 MHz	2489.2 MHz	2494.3 MHz		
1.4 MHz	QPSK	1	0	17.8	18.0	17.8	0.0	18.6	19.2	19.2	19.0	0.0	20.1
		1	3	17.8	18.2	17.9	0.0	18.6	19.2	19.3	19.1	0.0	20.1
		1	5	17.9	17.9	17.8	0.0	18.6	19.1	19.1	19.0	0.0	20.1
		3	0	17.9	17.9	17.9	0.0	18.6	19.2	19.2	19.0	0.0	20.1
		3	1	17.9	18.0	17.8	0.0	18.6	19.1	19.2	19.0	0.0	20.1
		3	3	17.9	18.0	17.9	0.0	18.6	19.2	19.2	19.0	0.0	20.1
		6	0	17.9	18.0	17.9	0.0	18.6	19.2	19.2	19.1	0.0	20.1
	16QAM	1	0	18.0	18.1	17.8	0.0	18.6	19.2	19.2	19.0	0.0	20.1
		1	3	18.0	17.8	17.6	0.0	18.6	19.0	19.3	19.0	0.0	20.1
		1	5	18.0	17.9	17.7	0.0	18.6	19.2	19.4	19.0	0.0	20.1
		3	0	18.0	17.9	17.8	0.0	18.6	19.2	19.3	19.0	0.0	20.1
		3	1	17.9	17.9	17.9	0.0	18.6	19.3	19.3	19.0	0.0	20.1
		3	3	17.9	17.9	17.9	0.0	18.6	19.2	19.2	19.1	0.0	20.1
		6	0	17.9	17.9	17.8	0.0	18.6	19.2	19.1	19.1	0.0	20.1
	64QAM	1	0	17.9	17.9	17.8	0.0	18.6	19.1	19.3	19.1	0.0	20.1
		1	3	18.0	17.7	17.7	0.0	18.6	19.1	19.2	19.1	0.0	20.1
		1	5	17.9	17.8	18.1	0.0	18.6	19.1	19.3	19.0	0.0	20.1
		3	0	17.9	18.0	17.9	0.0	18.6	19.1	19.1	19.1	0.0	20.1
		3	1	17.9	18.0	17.7	0.0	18.6	19.2	19.2	19.0	0.0	20.1
		3	3	18.0	18.0	17.8	0.0	18.6	19.2	19.2	19.0	0.0	20.1
		6	0	17.9	17.9	17.8	0.0	18.6	19.1	19.2	19.0	0.0	20.1
	256QAM	1	0	17.5	17.2	17.4	0.4	18.2	17.2	17.3	17.1	1.9	18.2
		1	3	17.3	17.4	17.4	0.4	18.2	17.4	17.4	17.2	1.9	18.2
		1	5	17.5	17.3	17.3	0.4	18.2	17.2	17.3	17.1	1.9	18.2
		3	0	17.5	17.6	17.4	0.4	18.2	17.2	17.2	17.2	1.9	18.2
		3	1	17.5	17.6	17.2	0.4	18.2	17.3	17.4	17.3	1.9	18.2
		3	3	17.6	17.6	17.3	0.4	18.2	17.2	17.4	17.2	1.9	18.2
		6	0	17.5	17.5	17.2	0.4	18.2	17.2	17.3	17.2	1.9	18.2

LTE Band 66 Measured Results (ANT1)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				132072	132322	132572	MPR	Tune-up Limit	132072	132322	132572	MPR	Tune-up Limit
				1720 MHz	1745 MHz	1770 MHz			1720 MHz	1745 MHz	1770 MHz		
20 MHz	QPSK	1	0	25.0	25.1	25.0	0	25.2	18.4	18.3	18.3	0	19.1
		1	49	25.0	25.2	25.0	0	25.2	18.5	18.5	18.4	0	19.1
		1	99	24.9	25.0	24.9	0	25.2	18.3	18.4	18.3	0	19.1
		50	0	24.2	24.1	24.1	0.5	24.7	18.2	18.2	18.2	0	19.1
		50	24	24.2	24.2	24.1	0.5	24.7	18.2	18.3	18.2	0	19.1
		50	50	24.1	24.1	24.1	0.5	24.7	18.1	18.2	18.2	0	19.1
		100	0	24.1	24.1	24.1	0.5	24.7	18.2	18.4	18.2	0	19.1
	16QAM	1	0	24.3	24.3	24.2	0.5	24.7	18.1	18.2	18.1	0	19.1
		1	49	24.4	24.6	24.5	0.5	24.7	18.2	18.4	18.2	0	19.1
		1	99	24.1	24.3	24.2	0.5	24.7	18.1	18.1	18.0	0	19.1
		50	0	22.9	22.8	22.9	1.5	23.7	17.8	17.8	17.8	0	19.1
		50	24	23.0	22.9	22.9	1.5	23.7	17.8	17.8	17.9	0	19.1
		50	50	23.0	22.9	22.9	1.5	23.7	17.9	17.8	17.9	0	19.1
		100	0	23.0	22.9	22.9	1.5	23.7	17.8	17.8	17.9	0	19.1
	64QAM	1	0	23.1	23.1	23.1	1.5	23.7	18.0	17.9	18.1	0	19.1
		1	49	23.2	23.1	23.2	1.5	23.7	18.1	18.1	18.2	0	19.1
		1	99	23.1	23.0	23.1	1.5	23.7	18.0	17.9	18.0	0	19.1
		50	0	21.9	21.8	21.9	2.5	22.7	17.8	17.7	17.8	0	19.1
		50	24	22.0	21.9	21.9	2.5	22.7	17.8	17.8	17.9	0	19.1
		50	50	21.9	21.9	21.9	2.5	22.7	17.8	17.8	17.8	0	19.1
		100	0	21.9	21.9	21.9	2.5	22.7	17.8	17.8	17.9	0	19.1
	256QAM	1	0	20.1	20.0	20.2	4.5	20.7	18.0	18.0	18.1	0	19.1
		1	49	20.3	20.1	20.3	4.5	20.7	18.1	18.0	18.1	0	19.1
		1	99	20.2	20.1	20.1	4.5	20.7	18.0	17.9	18.0	0	19.1
		50	0	19.9	19.9	19.9	4.5	20.7	17.8	17.8	17.8	0	19.1
		50	24	20.0	19.9	19.9	4.5	20.7	17.8	17.8	17.9	0	19.1
		50	50	19.9	19.9	19.9	4.5	20.7	17.9	17.8	17.9	0	19.1
		100	0	20.0	19.9	19.9	4.5	20.7	17.8	17.8	17.9	0	19.1

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				132047	132322	132597	MPR	Tune-up Limit	132047	132322	132597	MPR	Tune-up Limit
				1717.5 MHz	1745 MHz	1772.5 MHz			1717.5 MHz	1745 MHz	1772.5 MHz		
15 MHz	QPSK	1	0	25.0	24.9	25.0	0	25.2	17.8	17.8	17.8	0	19.1
		1	37	25.0	25.0	25.0	0	25.2	17.8	17.8	17.8	0	19.1
		1	74	24.8	24.8	25.0	0	25.2	17.8	17.8	17.9	0	19.1
		36	0	23.9	23.8	23.9	0.5	24.7	17.7	17.8	17.8	0	19.1
		36	20	24.0	23.9	24.0	0.5	24.7	17.7	17.8	17.8	0	19.1
		36	39	24.0	23.9	23.9	0.5	24.7	17.8	17.8	17.8	0	19.1
		75	0	24.0	23.9	23.9	0.5	24.7	17.7	17.7	17.8	0	19.1
	16QAM	1	0	24.3	24.2	24.3	0.5	24.7	18.0	18.1	18.1	0	19.1
		1	37	24.3	24.2	24.3	0.5	24.7	18.1	18.2	18.2	0	19.1
		1	74	24.2	24.1	24.2	0.5	24.7	18.1	18.1	18.1	0	19.1
		36	0	22.9	22.9	22.9	1.5	23.7	17.8	17.8	17.8	0	19.1
		36	20	23.0	23.0	23.0	1.5	23.7	17.8	17.8	17.8	0	19.1
		36	39	23.0	22.9	23.0	1.5	23.7	17.8	17.8	17.9	0	19.1
		75	0	23.0	22.9	23.0	1.5	23.7	17.8	17.8	17.8	0	19.1
	64QAM	1	0	23.1	23.0	23.2	1.5	23.7	18.0	17.9	18.0	0	19.1
		1	37	23.1	23.1	23.2	1.5	23.7	18.1	18.0	18.2	0	19.1
		1	74	23.0	23.0	23.1	1.5	23.7	18.0	17.9	18.0	0	19.1
		36	0	21.9	21.8	21.9	2.5	22.7	17.8	17.8	17.8	0	19.1
		36	20	22.0	22.0	22.0	2.5	22.7	17.8	17.8	17.8	0	19.1
		36	39	22.0	21.9	22.0	2.5	22.7	17.8	17.9	17.8	0	19.1
		75	0	22.0	21.9	22.0	2.5	22.7	17.8	17.8	17.8	0	19.1
	256QAM	1	0	20.1	20.0	20.0	4.5	20.7	18.0	18.0	18.0	0	19.1
		1	37	20.2	20.1	20.1	4.5	20.7	18.0	18.0	18.0	0	19.1
		1	74	20.0	20.0	20.0	4.5	20.7	18.0	18.0	18.0	0	19.1
		36	0	19.9	19.9	19.9	4.5	20.7	17.8	17.8	17.8	0	19.1
		36	20	20.0	19.9	20.0	4.5	20.7	17.8	17.8	17.8	0	19.1
		36	39	20.0	19.9	20.0	4.5	20.7	17.8	17.8	17.8	0	19.1
		75	0	20.0	19.9	20.0	4.5	20.7	17.8	17.8	17.8	0	19.1

LTE Band 66 Measured Results (ANT1) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				132022	132322	132622	MPR	Tune-up Limit	132022	132322	132622	MPR	Tune-up Limit
				1715 MHz	1745 MHz	1775 MHz			1715 MHz	1745 MHz	1775 MHz		
10 MHz	QPSK	1	0	25.1	25.0	25.1	0	25.2	18.0	17.9	18.0	0	19.1
		1	25	25.1	25.0	25.1	0	25.2	18.0	17.9	18.0	0	19.1
		1	49	25.0	25.0	25.0	0	25.2	17.9	17.9	17.9	0	19.1
		25	0	24.1	24.0	24.0	0.5	24.7	17.9	17.9	18.0	0	19.1
		25	12	24.1	24.1	24.0	0.5	24.7	17.9	18.0	18.1	0	19.1
		25	25	24.1	24.0	24.1	0.5	24.7	18.0	18.0	18.0	0	19.1
		50	0	24.1	24.1	24.0	0.5	24.7	17.9	18.0	18.0	0	19.1
	16QAM	1	0	24.4	24.4	24.4	0.5	24.7	18.3	18.3	18.4	0	19.1
		1	25	24.3	24.4	24.4	0.5	24.7	18.3	18.3	18.3	0	19.1
		1	49	24.3	24.3	24.3	0.5	24.7	18.3	18.3	18.4	0	19.1
		25	0	23.1	23.0	23.1	1.5	23.7	18.0	18.0	18.0	0	19.1
		25	12	23.2	23.1	23.1	1.5	23.7	17.9	18.0	18.1	0	19.1
		25	25	23.2	23.0	23.1	1.5	23.7	18.0	18.0	18.0	0	19.1
		50	0	23.1	23.1	23.0	1.5	23.7	18.0	18.0	18.1	0	19.1
	64QAM	1	0	23.2	23.3	23.3	1.5	23.7	18.2	18.2	18.2	0	19.1
		1	25	23.3	23.3	23.4	1.5	23.7	18.2	18.3	18.2	0	19.1
		1	49	23.2	23.3	23.3	1.5	23.7	18.1	18.2	18.2	0	19.1
		25	0	22.1	22.0	22.0	2.5	22.7	18.0	17.9	18.0	0	19.1
		25	12	22.1	22.1	22.0	2.5	22.7	18.0	18.0	18.0	0	19.1
		25	25	22.1	22.1	22.1	2.5	22.7	18.0	18.0	18.0	0	19.1
		50	0	22.1	22.1	22.0	2.5	22.7	18.0	18.0	18.0	0	19.1
	256QAM	1	0	20.1	20.1	20.1	4.5	20.7	18.0	17.9	18.0	0	19.1
		1	25	20.2	20.2	20.3	4.5	20.7	18.2	18.1	18.1	0	19.1
		1	49	20.1	20.1	20.2	4.5	20.7	18.0	18.0	18.1	0	19.1
		25	0	20.1	20.0	20.0	4.5	20.7	18.0	17.9	18.0	0	19.1
		25	12	20.2	20.1	20.1	4.5	20.7	18.0	18.0	18.1	0	19.1
		25	25	20.1	20.0	20.1	4.5	20.7	18.0	18.0	18.0	0	19.1
		50	0	20.1	20.1	20.0	4.5	20.7	18.0	18.0	18.0	0	19.1

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				131997	132322	132647	MPR	Tune-up Limit	131997	132322	132647	MPR	Tune-up Limit
				1712.5 MHz	1745 MHz	1777.5 MHz			1712.5 MHz	1745 MHz	1777.5 MHz		
5 MHz	QPSK	1	0	25.1	25.0	25.1	0	25.2	18.0	17.9	17.9	0	19.1
		1	12	25.2	25.1	25.1	0	25.2	18.0	17.9	18.0	0	19.1
		1	24	25.1	25.0	25.1	0	25.2	17.9	17.9	17.9	0	19.1
		12	0	24.2	24.1	24.1	0.5	24.7	18.0	17.9	18.0	0	19.1
		12	7	24.1	24.1	24.1	0.5	24.7	18.0	18.0	18.0	0	19.1
		12	13	24.1	24.1	24.1	0.5	24.7	18.0	17.9	18.0	0	19.1
		25	0	24.1	24.1	24.1	0.5	24.7	18.0	17.9	18.0	0	19.1
	16QAM	1	0	24.5	24.5	24.5	0.5	24.7	18.4	18.3	18.3	0	19.1
		1	12	24.6	24.6	24.7	0.5	24.7	18.4	18.3	18.4	0	19.1
		1	24	24.5	24.4	24.5	0.5	24.7	18.3	18.2	18.3	0	19.1
		12	0	23.2	23.1	23.1	1.5	23.7	18.0	18.0	18.1	0	19.1
		12	7	23.2	23.1	23.1	1.5	23.7	18.0	18.0	18.1	0	19.1
		12	13	23.1	23.1	23.1	1.5	23.7	18.0	18.0	18.1	0	19.1
		25	0	23.1	23.1	23.1	1.5	23.7	18.0	18.0	18.0	0	19.1
	64QAM	1	0	23.3	23.2	23.3	1.5	23.7	18.1	18.1	18.1	0	19.1
		1	12	23.3	23.3	23.3	1.5	23.7	18.2	18.1	18.1	0	19.1
		1	24	23.2	23.2	23.3	1.5	23.7	18.1	18.1	18.0	0	19.1
		12	0	22.2	22.1	22.1	2.5	22.7	18.1	18.0	18.0	0	19.1
		12	7	22.2	22.1	22.1	2.5	22.7	18.1	18.0	18.1	0	19.1
		12	13	22.2	22.1	22.1	2.5	22.7	18.0	18.0	18.0	0	19.1
		25	0	22.2	22.1	22.1	2.5	22.7	18.0	18.0	18.0	0	19.1
	256QAM	1	0	20.2	20.1	20.2	4.5	20.7	18.2	18.0	18.0	0	19.1
		1	12	20.2	20.2	20.2	4.5	20.7	18.1	18.0	18.1	0	19.1
		1	24	20.2	20.2	20.1	4.5	20.7	18.2	18.0	18.1	0	19.1
		12	0	20.1	20.1	20.1	4.5	20.7	18.0	18.0	18.0	0	19.1
		12	7	20.2	20.1	20.2	4.5	20.7	18.0	18.0	18.0	0	19.1
		12	13	20.1	20.1	20.1	4.5	20.7	18.0	18.0	18.0	0	19.1
		25	0	20.1	20.1	20.1	4.5	20.7	18.0	18.0	18.0	0	19.1

LTE Band 66 Measured Results (ANT1) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				131987	132322	132657			131987	132322	132657		
				1711.5 MHz	1745 MHz	1778.5 MHz			1711.5 MHz	1745 MHz	1778.5 MHz		
3 MHz	QPSK	1	0	25.1	24.9	25.0	0	25.2	17.9	17.8	17.9	0	19.1
		1	8	25.1	25.0	25.2	0	25.2	17.9	17.9	17.9	0	19.1
		1	14	25.0	25.0	25.0	0	25.2	17.8	17.8	17.8	0	19.1
		8	0	24.1	24.0	24.1	0.5	24.7	18.0	17.9	17.9	0	19.1
		8	4	24.1	24.1	24.1	0.5	24.7	18.0	17.9	18.0	0	19.1
		8	7	24.1	24.1	24.1	0.5	24.7	18.0	17.9	18.0	0	19.1
		15	0	24.1	24.0	24.1	0.5	24.7	17.9	17.9	17.9	0	19.1
	16QAM	1	0	24.4	24.3	24.4	0.5	24.7	18.2	18.2	18.2	0	19.1
		1	8	24.4	24.4	24.5	0.5	24.7	18.3	18.3	18.3	0	19.1
		1	14	24.3	24.3	24.4	0.5	24.7	18.2	18.2	18.1	0	19.1
		8	0	23.2	23.1	23.2	1.5	23.7	18.0	18.0	18.0	0	19.1
		8	4	23.2	23.1	23.2	1.5	23.7	18.1	18.0	18.0	0	19.1
		8	7	23.2	23.1	23.2	1.5	23.7	18.0	18.0	18.0	0	19.1
		15	0	23.1	23.1	23.1	1.5	23.7	18.0	17.9	18.0	0	19.1
	64QAM	1	0	23.2	23.3	23.3	1.5	23.7	18.2	18.0	18.2	0	19.1
		1	8	23.3	23.4	23.4	1.5	23.7	18.2	18.1	18.2	0	19.1
		1	14	23.2	23.3	23.3	1.5	23.7	18.1	18.0	18.1	0	19.1
		8	0	22.1	22.1	22.2	2.5	22.7	18.0	18.0	18.0	0	19.1
		8	4	22.1	22.1	22.2	2.5	22.7	18.0	18.0	18.0	0	19.1
		8	7	22.2	22.1	22.2	2.5	22.7	18.0	18.0	18.0	0	19.1
		15	0	22.1	22.1	22.2	2.5	22.7	18.0	17.9	18.0	0	19.1
	256QAM	1	0	20.2	20.0	20.2	4.5	20.7	18.0	18.0	18.0	0	19.1
		1	8	20.2	20.2	20.3	4.5	20.7	18.1	18.0	18.2	0	19.1
		1	14	20.2	20.0	20.2	4.5	20.7	18.0	18.1	18.0	0	19.1
		8	0	20.1	20.1	20.2	4.5	20.7	18.0	17.9	18.0	0	19.1
		8	4	20.2	20.1	20.2	4.5	20.7	18.0	18.0	18.0	0	19.1
		8	7	20.2	20.1	20.2	4.5	20.7	18.0	18.0	18.0	0	19.1
		15	0	20.1	20.1	20.1	4.5	20.7	18.0	18.0	18.0	0	19.1

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				131979	132322	132665			131979	132322	132665		
				1710.7 MHz	1745 MHz	1779.3 MHz			1710.7 MHz	1745 MHz	1779.3 MHz		
1.4 MHz	QPSK	1	0	25.1	25.0	25.1	0	25.2	17.9	17.9	17.9	0	19.1
		1	3	25.1	25.0	25.1	0	25.2	18.0	17.9	18.0	0	19.1
		1	5	25.1	25.0	25.1	0	25.2	17.9	17.9	17.9	0	19.1
		3	0	25.1	25.0	25.1	0	25.2	17.9	17.9	17.9	0	19.1
		3	1	25.1	25.0	25.1	0	25.2	17.9	17.9	17.9	0	19.1
		3	3	25.1	25.0	25.1	0	25.2	17.9	17.9	17.9	0	19.1
		6	0	24.1	24.0	24.1	0.5	24.7	17.9	17.8	17.9	0	19.1
	16QAM	1	0	24.4	24.4	24.4	0.5	24.7	18.3	18.2	18.3	0	19.1
		1	3	24.5	24.4	24.4	0.5	24.7	18.4	18.3	18.3	0	19.1
		1	5	24.4	24.4	24.5	0.5	24.7	18.3	18.2	18.3	0	19.1
		3	0	24.3	24.2	24.3	0.5	24.7	18.1	18.1	18.1	0	19.1
		3	1	24.3	24.2	24.3	0.5	24.7	18.1	18.1	18.1	0	19.1
		3	3	24.3	24.2	24.3	0.5	24.7	18.1	18.1	18.1	0	19.1
		6	0	23.2	23.1	23.2	1.5	23.7	18.0	18.0	18.0	0	19.1
	64QAM	1	0	23.2	23.1	23.3	1.5	23.7	18.1	18.0	18.1	0	19.1
		1	3	23.3	23.1	23.2	1.5	23.7	18.2	18.0	18.1	0	19.1
		1	5	23.2	23.0	23.2	1.5	23.7	18.1	18.0	18.1	0	19.1
		3	0	23.2	23.1	23.2	1.5	23.7	18.0	18.0	18.0	0	19.1
		3	1	23.2	23.1	23.2	1.5	23.7	18.1	18.0	18.0	0	19.1
		3	3	23.2	23.1	23.2	1.5	23.7	18.0	18.0	18.0	0	19.1
		6	0	22.1	22.1	22.1	2.5	22.7	18.0	17.9	18.0	0	19.1
	256QAM	1	0	20.2	20.2	20.1	4.5	20.7	18.0	18.0	18.0	0	19.1
		1	3	20.2	20.2	20.2	4.5	20.7	18.2	18.0	18.0	0	19.1
		1	5	20.2	20.1	20.1	4.5	20.7	18.0	18.0	18.0	0	19.1
		3	0	20.2	20.1	20.2	4.5	20.7	18.0	18.0	18.0	0	19.1
		3	1	20.2	20.0	20.2	4.5	20.7	18.0	18.0	18.0	0	19.1
		3	3	20.1	20.0	20.2	4.5	20.7	18.0	18.0	18.0	0	19.1
		6	0	20.1	20.0	20.1	4.5	20.7	18.0	17.8	18.0	0	19.1

LTE Band 66 Measured Results (ANT2)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				132072	132322	132572	MPR	Tune-up Limit	132072	132322	132572	MPR	Tune-up Limit
				1720 MHz	1745 MHz	1770 MHz			1720 MHz	1745 MHz	1770 MHz		
20 MHz	QPSK	1	0	18.7	18.7	18.7	0.0	19.2	18.9	18.8	18.8	0.0	19.6
		1	49	18.8	18.8	18.8	0.0	19.2	18.9	18.9	18.8	0.0	19.6
		1	99	18.7	18.7	18.7	0.0	19.2	18.8	18.7	18.7	0.0	19.6
		50	0	18.7	18.7	18.6	0.0	19.2	18.9	18.8	18.7	0.0	19.6
		50	24	18.7	18.7	18.7	0.0	19.2	18.9	18.9	18.8	0.0	19.6
		50	50	18.6	18.6	18.6	0.0	19.2	18.9	18.7	18.8	0.0	19.6
		100	0	18.7	18.7	18.7	0.0	19.2	18.9	18.9	18.7	0.0	19.6
	16QAM	1	0	18.7	18.7	18.7	0.0	19.2	18.9	18.9	18.9	0.0	19.6
		1	49	18.7	18.7	18.7	0.0	19.2	18.9	18.9	18.9	0.0	19.6
		1	99	18.7	18.7	18.6	0.0	19.2	18.9	18.9	18.9	0.0	19.6
		50	0	18.4	18.3	18.3	0.0	19.2	18.7	18.6	18.6	0.0	19.6
		50	24	18.5	18.3	18.4	0.0	19.2	18.7	18.6	18.6	0.0	19.6
		50	50	18.4	18.3	18.4	0.0	19.2	18.7	18.5	18.6	0.0	19.6
		100	0	18.4	18.3	18.3	0.0	19.2	18.7	18.6	18.5	0.0	19.6
	64QAM	1	0	18.6	18.6	18.5	0.0	19.2	18.9	18.7	18.7	0.0	19.6
		1	49	18.7	18.5	18.6	0.0	19.2	18.9	18.8	18.7	0.0	19.6
		1	99	18.5	18.5	18.5	0.0	19.2	18.8	18.7	18.7	0.0	19.6
		50	0	18.4	18.3	18.3	0.0	19.2	18.6	18.5	18.5	0.0	19.6
		50	24	18.4	18.3	18.4	0.0	19.2	18.7	18.6	18.6	0.0	19.6
		50	50	18.4	18.3	18.3	0.0	19.2	18.7	18.6	18.6	0.0	19.6
		100	0	18.4	18.3	18.3	0.0	19.2	18.7	18.6	18.5	0.0	19.6
	256QAM	1	0	18.6	18.5	18.5	0.0	19.2	18.9	18.8	18.8	0.4	19.2
		1	49	18.7	18.6	18.7	0.0	19.2	18.9	18.8	18.8	0.4	19.2
		1	99	18.6	18.5	18.5	0.0	19.2	18.8	18.7	18.8	0.4	19.2
		50	0	18.4	18.3	18.3	0.0	19.2	18.6	18.5	18.6	0.4	19.2
		50	24	18.4	18.3	18.4	0.0	19.2	18.7	18.6	18.7	0.4	19.2
		50	50	18.4	18.3	18.3	0.0	19.2	18.6	18.6	18.6	0.4	19.2
		100	0	18.4	18.3	18.3	0.0	19.2	18.7	18.6	18.6	0.4	19.2
BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				132047	132322	132597	MPR	Tune-up Limit	132047	132322	132597	MPR	Tune-up Limit
				1717.5 MHz	1745 MHz	1772.5 MHz			1717.5 MHz	1745 MHz	1772.5 MHz		
15 MHz	QPSK	1	0	18.3	18.3	18.3	0.0	19.2	18.9	18.8	18.8	0.0	19.6
		1	37	18.4	18.3	18.4	0.0	19.2	18.9	18.8	18.9	0.0	19.6
		1	74	18.3	18.2	18.3	0.0	19.2	18.8	18.7	18.8	0.0	19.6
		36	0	18.3	18.3	18.2	0.0	19.2	18.9	18.8	18.8	0.0	19.6
		36	20	18.4	18.3	18.3	0.0	19.2	18.9	18.8	18.8	0.0	19.6
		36	39	18.3	18.3	18.3	0.0	19.2	18.9	18.8	18.8	0.0	19.6
		75	0	18.4	18.3	18.2	0.0	19.2	18.9	18.8	18.8	0.0	19.6
	16QAM	1	0	18.6	18.6	18.7	0.0	19.2	18.9	18.9	18.9	0.0	19.6
		1	37	18.7	18.7	18.7	0.0	19.2	18.9	18.9	18.9	0.0	19.6
		1	74	18.5	18.6	18.6	0.0	19.2	18.9	18.9	18.9	0.0	19.6
		36	0	18.3	18.3	18.3	0.0	19.2	18.7	18.6	18.6	0.0	19.6
		36	20	18.4	18.3	18.3	0.0	19.2	18.8	18.6	18.6	0.0	19.6
		36	39	18.4	18.3	18.4	0.0	19.2	18.7	18.6	18.6	0.0	19.6
		75	0	18.4	18.3	18.3	0.0	19.2	18.7	18.6	18.6	0.0	19.6
	64QAM	1	0	18.5	18.4	18.5	0.0	19.2	18.9	18.7	18.8	0.0	19.6
		1	37	18.6	18.5	18.5	0.0	19.2	18.9	18.7	18.9	0.0	19.6
		1	74	18.5	18.4	18.5	0.0	19.2	18.8	18.6	18.7	0.0	19.6
		36	0	18.4	18.3	18.3	0.0	19.2	18.7	18.6	18.6	0.0	19.6
		36	20	18.4	18.3	18.3	0.0	19.2	18.8	18.6	18.6	0.0	19.6
		36	39	18.4	18.3	18.3	0.0	19.2	18.7	18.6	18.6	0.0	19.6
		75	0	18.4	18.3	18.3	0.0	19.2	18.7	18.6	18.6	0.0	19.6
	256QAM	1	0	18.3	18.3	18.3	0.0	19.2	18.7	18.5	18.6	0.4	19.2
		1	37	18.5	18.4	18.4	0.0	19.2	18.8	18.7	18.7	0.4	19.2
		1	74	18.3	18.3	18.3	0.0	19.2	18.6	18.5	18.6	0.4	19.2
		36	0	18.3	18.3	18.3	0.0	19.2	18.7	18.6	18.6	0.4	19.2
		36	20	18.4	18.3	18.3	0.0	19.2	18.7	18.6	18.6	0.4	19.2
		36	39	18.4	18.3	18.3	0.0	19.2	18.7	18.6	18.6	0.4	19.2
		75	0	18.4	18.3	18.2	0.0	19.2	18.7	18.6	18.6	0.4	19.2

LTE Band 66 Measured Results (ANT2) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				132022	132322	132622			132022	132322	132622		
				1715 MHz	1745 MHz	1775 MHz			1715 MHz	1745 MHz	1775 MHz		
10 MHz	QPSK	1	0	18.5	18.3	18.4	0.0	19.2	18.9	18.8	18.9	0.0	19.6
		1	25	18.5	18.3	18.4	0.0	19.2	18.9	18.9	18.9	0.0	19.6
		1	49	18.4	18.3	18.3	0.0	19.2	18.9	18.8	18.9	0.0	19.6
		25	0	18.6	18.4	18.4	0.0	19.2	18.9	18.9	18.9	0.0	19.6
		25	12	18.5	18.4	18.4	0.0	19.2	18.9	18.9	18.9	0.0	19.6
		25	25	18.5	18.4	18.4	0.0	19.2	18.9	18.8	18.9	0.0	19.6
		50	0	18.5	18.4	18.4	0.0	19.2	18.9	18.9	18.9	0.0	19.6
	16QAM	1	0	18.7	18.7	18.7	0.0	19.2	18.9	18.9	18.9	0.0	19.6
		1	25	18.7	18.7	18.7	0.0	19.2	18.9	18.9	18.9	0.0	19.6
		1	49	18.7	18.7	18.7	0.0	19.2	18.9	18.9	18.9	0.0	19.6
		25	0	18.6	18.5	18.4	0.0	19.2	18.9	18.8	18.8	0.0	19.6
		25	12	18.6	18.5	18.4	0.0	19.2	18.9	18.7	18.7	0.0	19.6
		25	25	18.6	18.4	18.5	0.0	19.2	18.8	18.7	18.8	0.0	19.6
		50	0	18.6	18.4	18.4	0.0	19.2	18.9	18.7	18.7	0.0	19.6
	64QAM	1	0	18.7	18.6	18.6	0.0	19.2	18.9	18.9	18.8	0.0	19.6
		1	25	18.7	18.6	18.7	0.0	19.2	18.9	18.9	18.9	0.0	19.6
		1	49	18.7	18.5	18.6	0.0	19.2	18.9	18.9	18.8	0.0	19.6
		25	0	18.5	18.4	18.4	0.0	19.2	18.9	18.7	18.7	0.0	19.6
		25	12	18.5	18.4	18.4	0.0	19.2	18.9	18.7	18.7	0.0	19.6
		25	25	18.5	18.4	18.4	0.0	19.2	18.8	18.7	18.8	0.0	19.6
		50	0	18.5	18.4	18.4	0.0	19.2	18.9	18.7	18.7	0.0	19.6
	256QAM	1	0	18.5	18.4	18.4	0.0	19.2	18.8	18.7	18.9	0.4	19.2
		1	25	18.6	18.5	18.5	0.0	19.2	18.9	18.8	18.9	0.4	19.2
		1	49	18.5	18.4	18.4	0.0	19.2	18.8	18.7	18.8	0.4	19.2
		25	0	18.6	18.4	18.4	0.0	19.2	18.9	18.8	18.7	0.4	19.2
		25	12	18.5	18.4	18.3	0.0	19.2	18.9	18.7	18.7	0.4	19.2
		25	25	18.5	18.4	18.4	0.0	19.2	18.9	18.7	18.7	0.4	19.2
		50	0	18.5	18.4	18.4	0.0	19.2	18.9	18.7	18.7	0.4	19.2

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				131997	132322	132647			131997	132322	132647		
				1712.5 MHz	1745 MHz	1777.5 MHz			1712.5 MHz	1745 MHz	1777.5 MHz		
5 MHz	QPSK	1	0	18.5	18.3	18.4	0.0	19.2	18.9	18.8	18.9	0.0	19.6
		1	12	18.5	18.3	18.4	0.0	19.2	18.9	18.9	18.9	0.0	19.6
		1	24	18.5	18.3	18.4	0.0	19.2	18.9	18.9	18.9	0.0	19.6
		12	0	18.6	18.4	18.4	0.0	19.2	18.9	18.9	18.9	0.0	19.6
		12	7	18.6	18.4	18.4	0.0	19.2	18.9	18.9	18.9	0.0	19.6
		12	13	18.5	18.3	18.4	0.0	19.2	18.9	18.9	18.9	0.0	19.6
		25	0	18.5	18.4	18.4	0.0	19.2	18.9	18.9	18.9	0.0	19.6
	16QAM	1	0	18.7	18.7	18.7	0.0	19.2	18.9	18.9	18.9	0.0	19.6
		1	12	18.6	18.7	18.7	0.0	19.2	18.9	18.9	18.9	0.0	19.6
		1	24	18.7	18.7	18.7	0.0	19.2	18.9	18.9	18.9	0.0	19.6
		12	0	18.6	18.3	18.5	0.0	19.2	18.9	18.8	18.7	0.0	19.6
		12	7	18.7	18.4	18.5	0.0	19.2	18.9	18.8	18.7	0.0	19.6
		12	13	18.6	18.3	18.5	0.0	19.2	18.9	18.8	18.6	0.0	19.6
		25	0	18.6	18.4	18.5	0.0	19.2	18.9	18.7	18.7	0.0	19.6
	64QAM	1	0	18.7	18.4	18.6	0.0	19.2	18.9	18.7	18.8	0.0	19.6
		1	12	18.7	18.5	18.6	0.0	19.2	18.9	18.7	18.8	0.0	19.6
		1	24	18.7	18.4	18.6	0.0	19.2	18.9	18.8	18.8	0.0	19.6
		12	0	18.6	18.4	18.5	0.0	19.2	18.9	18.7	18.7	0.0	19.6
		12	7	18.6	18.4	18.5	0.0	19.2	18.9	18.7	18.8	0.0	19.6
		12	13	18.6	18.4	18.4	0.0	19.2	18.8	18.7	18.8	0.0	19.6
		25	0	18.6	18.4	18.5	0.0	19.2	18.9	18.7	18.7	0.0	19.6
	256QAM	1	0	18.6	18.4	18.6	0.0	19.2	18.9	18.8	18.8	0.4	19.2
		1	12	18.6	18.4	18.5	0.0	19.2	18.9	18.9	18.8	0.4	19.2
		1	24	18.6	18.5	18.5	0.0	19.2	18.9	18.9	18.8	0.4	19.2
		12	0	18.6	18.4	18.4	0.0	19.2	18.9	18.7	18.8	0.4	19.2
		12	7	18.6	18.4	18.5	0.0	19.2	18.9	18.7	18.8	0.4	19.2
		12	13	18.6	18.4	18.4	0.0	19.2	18.9	18.7	18.7	0.4	19.2
		25	0	18.6	18.4	18.4	0.0	19.2	18.9	18.7	18.8	0.4	19.2

LTE Band 66 Measured Results (ANT2) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				131987	132322	132657			131987	132322	132657		
				1711.5 MHz	1745 MHz	1778.5 MHz			1711.5 MHz	1745 MHz	1778.5 MHz		
3 MHz	QPSK	1	0	18.5	18.3	18.4	0.0	19.2	18.9	18.8	18.9	0.0	19.6
		1	8	18.6	18.4	18.4	0.0	19.2	18.9	18.9	18.9	0.0	19.6
		1	14	18.4	18.3	18.3	0.0	19.2	18.9	18.8	18.9	0.0	19.6
		8	0	18.5	18.4	18.4	0.0	19.2	18.9	18.9	18.9	0.0	19.6
		8	4	18.6	18.4	18.4	0.0	19.2	18.9	18.9	18.9	0.0	19.6
		8	7	18.6	18.4	18.4	0.0	19.2	18.9	18.9	18.9	0.0	19.6
		15	0	18.5	18.4	18.4	0.0	19.2	18.9	18.9	18.9	0.0	19.6
	16QAM	1	0	18.7	18.7	18.6	0.0	19.2	18.9	18.9	18.9	0.0	19.6
		1	8	18.7	18.7	18.7	0.0	19.2	18.9	18.9	18.9	0.0	19.6
		1	14	18.6	18.6	18.6	0.0	19.2	18.9	18.9	18.9	0.0	19.6
		8	0	18.6	18.4	18.5	0.0	19.2	18.9	18.7	18.8	0.0	19.6
		8	4	18.6	18.4	18.5	0.0	19.2	18.9	18.8	18.8	0.0	19.6
		8	7	18.6	18.4	18.5	0.0	19.2	18.9	18.8	18.8	0.0	19.6
		15	0	18.6	18.4	18.5	0.0	19.2	18.9	18.7	18.8	0.0	19.6
	64QAM	1	0	18.7	18.6	18.5	0.0	19.2	18.9	18.8	18.8	0.0	19.6
		1	8	18.7	18.6	18.6	0.0	19.2	18.9	18.9	18.9	0.0	19.6
		1	14	18.6	18.6	18.5	0.0	19.2	18.9	18.7	18.8	0.0	19.6
		8	0	18.6	18.4	18.5	0.0	19.2	18.9	18.7	18.7	0.0	19.6
		8	4	18.7	18.4	18.5	0.0	19.2	18.9	18.7	18.8	0.0	19.6
		8	7	18.7	18.4	18.5	0.0	19.2	18.9	18.7	18.8	0.0	19.6
		15	0	18.6	18.4	18.4	0.0	19.2	18.8	18.7	18.7	0.0	19.6
	256QAM	1	0	18.6	18.5	18.5	0.0	19.2	18.9	18.8	18.8	0.4	19.2
		1	8	18.7	18.5	18.5	0.0	19.2	18.9	18.9	18.9	0.4	19.2
		1	14	18.6	18.4	18.4	0.0	19.2	18.9	18.9	18.8	0.4	19.2
		8	0	18.5	18.4	18.4	0.0	19.2	18.9	18.7	18.8	0.4	19.2
		8	4	18.6	18.4	18.4	0.0	19.2	18.9	18.7	18.8	0.4	19.2
		8	7	18.6	18.4	18.4	0.0	19.2	18.9	18.7	18.8	0.4	19.2
		15	0	18.6	18.4	18.4	0.0	19.2	18.9	18.7	18.7	0.4	19.2

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				131979	132322	132665			131979	132322	132665		
				1710.7 MHz	1745 MHz	1779.3 MHz			1710.7 MHz	1745 MHz	1779.3 MHz		
1.4 MHz	QPSK	1	0	18.4	18.3	18.4	0.0	19.2	18.9	18.8	18.9	0.0	19.6
		1	3	18.4	18.4	18.4	0.0	19.2	18.9	18.9	18.9	0.0	19.6
		1	5	18.4	18.3	18.4	0.0	19.2	18.9	18.9	18.9	0.0	19.6
		3	0	18.4	18.3	18.4	0.0	19.2	18.9	18.9	18.9	0.0	19.6
		3	1	18.5	18.3	18.4	0.0	19.2	18.9	18.9	18.9	0.0	19.6
		3	3	18.4	18.3	18.4	0.0	19.2	18.9	18.9	18.9	0.0	19.6
		6	0	18.4	18.3	18.4	0.0	19.2	18.9	18.8	18.9	0.0	19.6
	16QAM	1	0	18.7	18.6	18.7	0.0	19.2	18.9	18.9	18.9	0.0	19.6
		1	3	18.7	18.6	18.7	0.0	19.2	18.9	18.9	18.9	0.0	19.6
		1	5	18.7	18.6	18.7	0.0	19.2	18.9	18.9	18.9	0.0	19.6
		3	0	18.6	18.5	18.6	0.0	19.2	18.9	18.8	18.8	0.0	19.6
		3	1	18.6	18.5	18.5	0.0	19.2	18.9	18.8	18.8	0.0	19.6
		3	3	18.6	18.5	18.5	0.0	19.2	18.9	18.8	18.8	0.0	19.6
		6	0	18.5	18.4	18.4	0.0	19.2	18.8	18.7	18.8	0.0	19.6
	64QAM	1	0	18.5	18.4	18.4	0.0	19.2	18.9	18.9	18.8	0.0	19.6
		1	3	18.6	18.5	18.5	0.0	19.2	18.9	18.8	18.8	0.0	19.6
		1	5	18.6	18.4	18.4	0.0	19.2	18.9	18.9	18.8	0.0	19.6
		3	0	18.5	18.4	18.5	0.0	19.2	18.9	18.7	18.8	0.0	19.6
		3	1	18.5	18.4	18.5	0.0	19.2	18.9	18.7	18.8	0.0	19.6
		3	3	18.5	18.4	18.5	0.0	19.2	18.9	18.7	18.8	0.0	19.6
		6	0	18.5	18.3	18.5	0.0	19.2	18.8	18.7	18.6	0.0	19.6
	256QAM	1	0	18.6	18.4	18.5	0.0	19.2	18.9	18.8	18.8	0.4	19.2
		1	3	18.5	18.5	18.5	0.0	19.2	18.9	18.8	18.9	0.4	19.2
		1	5	18.5	18.4	18.5	0.0	19.2	18.9	18.8	18.8	0.4	19.2
		3	0	18.5	18.4	18.4	0.0	19.2	18.9	18.7	18.8	0.4	19.2
		3	1	18.6	18.4	18.4	0.0	19.2	18.9	18.7	18.8	0.4	19.2
		3	3	18.5	18.4	18.4	0.0	19.2	18.9	18.7	18.8	0.4	19.2
		6	0	18.3	18.3	18.4	0.0	19.2	18.8	18.6	18.8	0.4	19.2

LTE Band 66 Measured Results (ANT3)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				132072	132322	132572	MPR	Tune-up Limit	132072	132322	132572	MPR	Tune-up Limit
				1720 MHz	1745 MHz	1770 MHz			1720 MHz	1745 MHz	1770 MHz		
20 MHz	QPSK	1	0	24.8	24.8	24.9	0.0	25.2	20.0	19.9	20.0	0.0	20.7
		1	49	24.8	24.9	24.9	0.0	25.2	20.1	20.2	20.1	0.0	20.7
		1	99	24.8	24.9	24.9	0.0	25.2	19.8	20.0	20.0	0.0	20.7
		50	0	23.9	23.7	23.8	1.0	24.2	20.0	19.8	20.0	0.0	20.7
		50	24	23.9	23.9	23.9	1.0	24.2	20.1	20.1	20.1	0.0	20.7
		50	50	23.9	23.7	23.9	1.0	24.2	19.9	19.8	20.1	0.0	20.7
		100	0	23.9	23.9	23.8	1.0	24.2	20.0	20.0	20.0	0.0	20.7
	16QAM	1	0	23.8	23.8	23.8	1.0	24.2	20.0	20.1	20.1	0.0	20.7
		1	49	23.9	23.9	23.9	1.0	24.2	20.0	20.2	20.1	0.0	20.7
		1	99	23.7	23.8	23.9	1.0	24.2	20.0	20.1	20.1	0.0	20.7
		50	0	22.8	22.5	22.8	2.0	23.2	20.0	19.8	20.0	0.0	20.7
		50	24	22.8	22.6	22.8	2.0	23.2	20.0	19.7	20.1	0.0	20.7
		50	50	22.7	22.6	22.8	2.0	23.2	19.9	19.7	20.1	0.0	20.7
		100	0	22.7	22.6	22.8	2.0	23.2	20.0	19.8	20.1	0.0	20.7
	64QAM	1	0	22.9	22.8	22.8	2.0	23.2	20.0	20.0	20.1	0.0	20.7
		1	49	22.9	22.9	22.9	2.0	23.2	20.0	19.9	20.0	0.0	20.7
		1	99	22.9	22.8	22.9	2.0	23.2	20.0	19.9	20.0	0.0	20.7
		50	0	21.8	21.7	21.7	3.0	22.2	20.0	19.8	20.0	0.0	20.7
		50	24	21.9	21.8	21.7	3.0	22.2	20.0	19.7	20.1	0.0	20.7
		50	50	21.9	21.7	21.8	3.0	22.2	19.9	19.8	20.1	0.0	20.7
		100	0	21.9	21.7	21.7	3.0	22.2	20.0	19.8	20.0	0.0	20.7
	256QAM	1	0	19.9	19.9	19.9	5.0	20.2	19.6	19.6	19.7	0.5	20.2
		1	49	19.9	19.9	19.9	5.0	20.2	19.6	19.5	19.8	0.5	20.2
		1	99	19.9	19.9	19.9	5.0	20.2	19.4	19.5	19.7	0.5	20.2
		50	0	19.8	19.7	19.8	5.0	20.2	19.5	19.3	19.5	0.5	20.2
		50	24	19.9	19.8	19.7	5.0	20.2	19.5	19.2	19.6	0.5	20.2
		50	50	19.9	19.8	19.8	5.0	20.2	19.4	19.2	19.6	0.5	20.2
		100	0	19.9	19.8	19.7	5.0	20.2	19.5	19.3	19.5	0.5	20.2
BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				132047	132322	132597	MPR	Tune-up Limit	132047	132322	132597	MPR	Tune-up Limit
				1717.5 MHz	1745 MHz	1772.5 MHz			1717.5 MHz	1745 MHz	1772.5 MHz		
15 MHz	QPSK	1	0	24.7	24.5	24.8	0.0	25.2	20.0	19.8	20.1	0.0	20.7
		1	37	24.7	24.6	24.9	0.0	25.2	20.0	19.7	20.1	0.0	20.7
		1	74	24.6	24.6	24.8	0.0	25.2	19.9	19.8	20.0	0.0	20.7
		36	0	23.7	23.6	23.8	1.0	24.2	20.0	19.8	20.0	0.0	20.7
		36	20	23.7	23.6	23.8	1.0	24.2	20.0	19.7	20.1	0.0	20.7
		36	39	23.7	23.6	23.8	1.0	24.2	20.0	19.7	20.1	0.0	20.7
		75	0	23.7	23.6	23.7	1.0	24.2	20.0	19.7	20.0	0.0	20.7
	16QAM	1	0	23.8	23.8	23.8	1.0	24.2	20.0	20.0	20.1	0.0	20.7
		1	37	23.9	23.9	23.9	1.0	24.2	20.0	19.9	20.1	0.0	20.7
		1	74	23.9	23.9	23.8	1.0	24.2	20.0	20.1	20.1	0.0	20.7
		36	0	22.7	22.6	22.8	2.0	23.2	20.0	19.8	20.1	0.0	20.7
		36	20	22.8	22.6	22.8	2.0	23.2	20.1	19.7	20.1	0.0	20.7
		36	39	22.7	22.6	22.9	2.0	23.2	20.0	19.7	20.2	0.0	20.7
		75	0	22.7	22.6	22.8	2.0	23.2	20.0	19.7	20.1	0.0	20.7
	64QAM	1	0	22.9	22.7	22.8	2.0	23.2	20.2	20.0	20.2	0.0	20.7
		1	37	22.9	22.9	22.9	2.0	23.2	20.0	19.9	20.0	0.0	20.7
		1	74	22.8	22.8	22.8	2.0	23.2	20.1	19.9	20.2	0.0	20.7
		36	0	21.8	21.7	21.8	3.0	22.2	20.0	19.7	20.0	0.0	20.7
		36	20	21.9	21.8	21.8	3.0	22.2	20.0	19.7	20.1	0.0	20.7
		36	39	21.9	21.8	21.8	3.0	22.2	20.0	19.7	20.1	0.0	20.7
		75	0	21.9	21.7	21.8	3.0	22.2	20.0	19.7	20.0	0.0	20.7
	256QAM	1	0	19.9	19.6	19.8	5.0	20.2	19.7	19.4	19.6	0.5	20.2
		1	37	19.9	19.8	19.9	5.0	20.2	19.7	19.3	19.8	0.5	20.2
		1	74	19.9	19.7	19.8	5.0	20.2	19.6	19.3	19.7	0.5	20.2
		36	0	19.9	19.7	19.8	5.0	20.2	19.5	19.3	19.6	0.5	20.2
		36	20	19.9	19.8	19.8	5.0	20.2	19.5	19.3	19.6	0.5	20.2
		36	39	19.9	19.8	19.8	5.0	20.2	19.5	19.2	19.6	0.5	20.2
		75	0	19.9	19.8	19.7	5.0	20.2	19.5	19.2	19.5	0.5	20.2

LTE Band 66 Measured Results (ANT3) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				132022	132322	132622			132022	132322	132622		
				1715 MHz	1745 MHz	1775 MHz			1715 MHz	1745 MHz	1775 MHz		
10 MHz	QPSK	1	0	24.8	24.6	24.9	0.0	25.2	20.2	19.9	20.2	0.0	20.7
		1	25	24.8	24.6	24.9	0.0	25.2	20.1	19.8	20.2	0.0	20.7
		1	49	24.8	24.6	24.9	0.0	25.2	20.0	19.8	20.2	0.0	20.7
		25	0	23.9	23.7	23.8	1.0	24.2	20.2	19.9	20.2	0.0	20.7
		25	12	23.9	23.7	23.8	1.0	24.2	20.1	19.9	20.2	0.0	20.7
		25	25	23.9	23.7	23.9	1.0	24.2	20.1	19.8	20.0	0.0	20.7
		50	0	23.9	23.7	23.8	1.0	24.2	20.1	19.8	20.2	0.0	20.7
	16QAM	1	0	23.8	23.9	23.9	1.0	24.2	20.0	20.2	20.0	0.0	20.7
		1	25	23.9	23.9	23.9	1.0	24.2	20.0	20.0	20.0	0.0	20.7
		1	49	23.8	23.9	23.9	1.0	24.2	20.0	20.1	20.0	0.0	20.7
		25	0	22.9	22.7	22.9	2.0	23.2	20.0	19.9	20.2	0.0	20.7
		25	12	22.9	22.7	22.9	2.0	23.2	20.2	19.9	20.2	0.0	20.7
		25	25	22.9	22.7	22.9	2.0	23.2	20.1	19.9	20.1	0.0	20.7
		50	0	22.9	22.7	22.8	2.0	23.2	20.1	19.9	20.2	0.0	20.7
	64QAM	1	0	22.8	22.8	22.8	2.0	23.2	20.1	20.0	20.1	0.0	20.7
		1	25	22.9	22.9	22.9	2.0	23.2	20.1	20.0	20.1	0.0	20.7
		1	49	22.9	22.8	22.8	2.0	23.2	20.1	19.9	20.1	0.0	20.7
		25	0	21.8	21.9	21.8	3.0	22.2	20.1	19.8	20.1	0.0	20.7
		25	12	21.9	21.9	21.8	3.0	22.2	20.1	19.9	20.1	0.0	20.7
		25	25	21.9	21.9	21.8	3.0	22.2	20.1	19.8	20.1	0.0	20.7
		50	0	21.9	21.9	21.8	3.0	22.2	20.1	19.8	20.1	0.0	20.7
	256QAM	1	0	19.9	19.9	19.9	5.0	20.2	19.8	19.5	19.8	0.5	20.2
		1	25	19.9	19.8	19.8	5.0	20.2	19.8	19.4	20.0	0.5	20.2
		1	49	19.8	19.8	19.8	5.0	20.2	19.7	19.3	19.8	0.5	20.2
		25	0	19.8	19.9	19.8	5.0	20.2	19.7	19.3	19.7	0.5	20.2
		25	12	19.9	19.9	19.8	5.0	20.2	19.6	19.3	19.7	0.5	20.2
		25	25	19.9	19.9	19.8	5.0	20.2	19.6	19.3	19.8	0.5	20.2
		50	0	19.9	19.9	19.9	5.0	20.2	19.6	19.3	19.7	0.5	20.2

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				131997	132322	132647			131997	132322	132647		
				1712.5 MHz	1745 MHz	1777.5 MHz			1712.5 MHz	1745 MHz	1777.5 MHz		
5 MHz	QPSK	1	0	24.8	24.6	24.9	0.0	25.2	20.1	19.8	20.1	0.0	20.7
		1	12	24.9	24.7	24.9	0.0	25.2	20.2	19.9	20.1	0.0	20.7
		1	24	24.8	24.7	24.9	0.0	25.2	20.1	19.8	20.1	0.0	20.7
		12	0	23.9	23.6	23.8	1.0	24.2	20.2	19.8	20.1	0.0	20.7
		12	7	23.9	23.7	23.9	1.0	24.2	20.2	19.8	20.2	0.0	20.7
		12	13	23.8	23.6	23.8	1.0	24.2	20.2	19.8	20.2	0.0	20.7
		25	0	23.8	23.6	23.8	1.0	24.2	20.1	19.8	20.2	0.0	20.7
	16QAM	1	0	23.9	23.7	23.8	1.0	24.2	20.0	20.1	20.0	0.0	20.7
		1	12	23.9	23.9	23.8	1.0	24.2	20.0	20.1	20.0	0.0	20.7
		1	24	23.9	23.8	23.7	1.0	24.2	20.0	20.1	20.0	0.0	20.7
		12	0	22.8	22.7	22.9	2.0	23.2	20.0	19.8	20.1	0.0	20.7
		12	7	22.8	22.7	22.9	2.0	23.2	20.0	19.8	20.1	0.0	20.7
		12	13	22.8	22.7	22.9	2.0	23.2	20.0	19.8	20.1	0.0	20.7
		25	0	22.9	22.7	22.8	2.0	23.2	20.0	19.8	20.1	0.0	20.7
	64QAM	1	0	22.9	22.9	22.9	2.0	23.2	20.0	19.9	20.1	0.0	20.7
		1	12	22.8	22.9	22.9	2.0	23.2	20.0	19.9	20.1	0.0	20.7
		1	24	22.9	22.9	22.8	2.0	23.2	20.0	19.9	20.1	0.0	20.7
		12	0	21.8	21.9	21.8	3.0	22.2	20.0	19.8	20.1	0.0	20.7
		12	7	21.9	21.9	21.8	3.0	22.2	20.0	19.8	20.1	0.0	20.7
		12	13	21.9	21.9	21.8	3.0	22.2	20.1	19.8	20.1	0.0	20.7
		25	0	21.8	21.8	21.8	3.0	22.2	20.2	19.8	20.1	0.0	20.7
	256QAM	1	0	19.9	19.9	19.8	5.0	20.2	19.8	19.4	19.9	0.5	20.2
		1	12	19.9	19.9	19.9	5.0	20.2	19.8	19.4	19.8	0.5	20.2
		1	24	19.9	19.9	19.8	5.0	20.2	19.8	19.4	19.8	0.5	20.2
		12	0	19.8	19.8	19.8	5.0	20.2	19.7	19.3	19.8	0.5	20.2
		12	7	19.9	19.9	19.8	5.0	20.2	19.7	19.3	19.8	0.5	20.2
		12	13	19.9	19.8	19.9	5.0	20.2	19.7	19.3	19.8	0.5	20.2
		25	0	19.8	19.9	19.9	5.0	20.2	19.6	19.3	19.8	0.5	20.2

LTE Band 66 Measured Results (ANT3) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				131987	132322	132657			131987	132322	132657		
				1711.5 MHz	1745 MHz	1778.5 MHz			1711.5 MHz	1745 MHz	1778.5 MHz		
3 MHz	QPSK	1	0	24.8	24.6	24.9	0.0	25.2	20.1	19.7	20.2	0.0	20.7
		1	8	24.9	24.6	24.9	0.0	25.2	20.1	19.7	20.2	0.0	20.7
		1	14	24.7	24.6	24.9	0.0	25.2	20.0	19.7	20.1	0.0	20.7
		8	0	23.8	23.6	23.8	1.0	24.2	20.1	19.8	20.2	0.0	20.7
		8	4	23.8	23.7	23.8	1.0	24.2	20.2	19.8	20.2	0.0	20.7
		8	7	23.8	23.6	23.8	1.0	24.2	20.2	19.8	20.1	0.0	20.7
		15	0	23.8	23.6	23.8	1.0	24.2	20.1	19.8	20.2	0.0	20.7
	16QAM	1	0	23.9	23.8	23.8	1.0	24.2	20.0	20.2	20.2	0.0	20.7
		1	8	23.9	23.8	23.8	1.0	24.2	20.0	20.2	20.2	0.0	20.7
		1	14	23.8	23.8	23.9	1.0	24.2	20.0	20.2	20.2	0.0	20.7
		8	0	22.9	22.8	22.9	2.0	23.2	20.0	19.9	20.1	0.0	20.7
		8	4	22.9	22.7	22.9	2.0	23.2	20.0	19.9	20.1	0.0	20.7
		8	7	22.9	22.8	22.9	2.0	23.2	20.0	19.8	20.1	0.0	20.7
		15	0	22.8	22.7	22.8	2.0	23.2	20.2	19.8	20.2	0.0	20.7
	64QAM	1	0	22.9	22.9	22.9	2.0	23.2	20.0	20.0	20.1	0.0	20.7
		1	8	22.9	22.9	22.9	2.0	23.2	20.0	20.0	20.1	0.0	20.7
		1	14	22.8	22.9	22.8	2.0	23.2	20.0	19.9	20.1	0.0	20.7
		8	0	21.9	21.8	21.8	3.0	22.2	20.2	19.8	20.1	0.0	20.7
		8	4	21.9	21.9	21.8	3.0	22.2	20.2	19.8	20.1	0.0	20.7
		8	7	21.9	21.9	21.8	3.0	22.2	20.2	19.8	20.1	0.0	20.7
		15	0	21.8	21.9	21.8	3.0	22.2	20.1	19.8	20.1	0.0	20.7
	256QAM	1	0	19.8	19.8	19.8	5.0	20.2	19.7	19.5	19.9	0.5	20.2
		1	8	19.9	19.9	19.9	5.0	20.2	19.8	19.5	19.9	0.5	20.2
		1	14	19.8	19.9	19.8	5.0	20.2	19.7	19.5	19.9	0.5	20.2
		8	0	19.8	19.8	19.8	5.0	20.2	19.7	19.3	19.8	0.5	20.2
		8	4	19.8	19.9	19.9	5.0	20.2	19.7	19.3	19.8	0.5	20.2
		8	7	19.9	19.9	19.8	5.0	20.2	19.7	19.3	19.8	0.5	20.2
		15	0	19.8	19.8	19.8	5.0	20.2	19.6	19.3	19.7	0.5	20.2

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				131979	132322	132665			131979	132322	132665		
				1710.7 MHz	1745 MHz	1779.3 MHz			1710.7 MHz	1745 MHz	1779.3 MHz		
1.4 MHz	QPSK	1	0	24.8	24.6	24.9	0.0	25.2	20.1	19.8	20.2	0.0	20.7
		1	3	24.8	24.6	24.9	0.0	25.2	20.2	19.8	20.2	0.0	20.7
		1	5	24.8	24.6	24.9	0.0	25.2	20.1	19.7	20.2	0.0	20.7
		3	0	24.8	24.6	24.9	0.0	25.2	20.1	19.8	20.2	0.0	20.7
		3	1	24.8	24.6	24.9	0.0	25.2	20.1	19.8	20.2	0.0	20.7
		3	3	24.8	24.6	24.9	0.0	25.2	20.1	19.8	20.2	0.0	20.7
		6	0	23.8	23.6	23.9	1.0	24.2	20.1	19.7	20.2	0.0	20.7
	16QAM	1	0	23.8	23.8	23.8	1.0	24.2	20.0	20.0	20.1	0.0	20.7
		1	3	23.8	23.8	23.8	1.0	24.2	20.0	20.1	20.1	0.0	20.7
		1	5	23.8	23.7	23.9	1.0	24.2	20.0	19.9	20.1	0.0	20.7
		3	0	23.8	23.8	23.9	1.0	24.2	20.0	20.0	20.1	0.0	20.7
		3	1	23.8	23.8	23.9	1.0	24.2	20.0	19.9	20.1	0.0	20.7
		3	3	23.8	23.8	23.9	1.0	24.2	20.0	19.9	20.1	0.0	20.7
		6	0	22.7	22.7	22.7	2.0	23.2	20.0	19.9	20.1	0.0	20.7
	64QAM	1	0	22.8	22.8	22.8	2.0	23.2	20.1	19.9	20.1	0.0	20.7
		1	3	22.9	22.8	22.7	2.0	23.2	20.2	20.0	20.1	0.0	20.7
		1	5	22.8	22.8	22.7	2.0	23.2	20.1	19.9	20.1	0.0	20.7
		3	0	22.9	22.9	22.8	2.0	23.2	20.1	19.8	20.2	0.0	20.7
		3	1	22.9	22.9	22.8	2.0	23.2	20.1	19.8	20.2	0.0	20.7
		3	3	22.9	22.9	22.8	2.0	23.2	20.1	19.8	20.2	0.0	20.7
		6	0	21.8	21.9	21.7	3.0	22.2	20.0	19.7	20.2	0.0	20.7
	256QAM	1	0	19.9	19.9	19.8	5.0	20.2	19.6	19.4	19.8	0.5	20.2
		1	3	19.9	19.8	19.8	5.0	20.2	19.7	19.4	19.9	0.5	20.2
		1	5	19.9	19.7	19.8	5.0	20.2	19.7	19.3	19.8	0.5	20.2
		3	0	19.8	19.8	19.9	5.0	20.2	19.6	19.3	19.9	0.5	20.2
		3	1	19.8	19.9	19.9	5.0	20.2	19.6	19.3	19.8	0.5	20.2
		3	3	19.8	19.9	19.9	5.0	20.2	19.6	19.3	19.8	0.5	20.2
		6	0	19.9	19.7	19.9	5.0	20.2	19.5	19.0	19.6	0.5	20.2

LTE Band 66 Measured Results (ANT4)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				132072	132322	132572	MPR	Tune-up Limit	132072	132322	132572	MPR	Tune-up Limit
				1720 MHz	1745 MHz	1770 MHz			1720 MHz	1745 MHz	1770 MHz		
20 MHz	QPSK	1	0	19.7	19.7	19.7	0.0	20.3	19.7	19.7	19.7	0.0	20.4
		1	49	19.8	19.8	19.8	0.0	20.3	19.8	19.8	19.8	0.0	20.4
		1	99	19.7	19.6	19.7	0.0	20.3	19.7	19.6	19.7	0.0	20.4
		50	0	19.7	19.6	19.6	0.0	20.3	19.7	19.6	19.6	0.0	20.4
		50	24	19.8	19.8	19.6	0.0	20.3	19.8	19.8	19.6	0.0	20.4
		50	50	19.6	19.5	19.5	0.0	20.3	19.6	19.5	19.5	0.0	20.4
		100	0	19.6	19.6	19.6	0.0	20.3	19.6	19.6	19.6	0.0	20.4
	16QAM	1	0	19.6	19.6	19.6	0.0	20.3	19.6	19.6	19.6	0.0	20.4
		1	49	19.7	19.6	19.6	0.0	20.3	19.7	19.6	19.6	0.0	20.4
		1	99	19.5	19.4	19.4	0.0	20.3	19.5	19.4	19.4	0.0	20.4
		50	0	19.3	19.2	19.2	0.0	20.3	19.3	19.2	19.2	0.0	20.4
		50	24	19.3	19.2	19.2	0.0	20.3	19.3	19.2	19.2	0.0	20.4
		50	50	19.2	19.2	19.2	0.0	20.3	19.2	19.2	19.2	0.0	20.4
		100	0	19.3	19.2	19.1	0.0	20.3	19.3	19.2	19.1	0.0	20.4
	64QAM	1	0	19.6	19.4	19.3	0.0	20.3	19.6	19.4	19.3	0.0	20.4
		1	49	19.6	19.4	19.4	0.0	20.3	19.6	19.4	19.4	0.0	20.4
		1	99	19.5	19.2	19.3	0.0	20.3	19.5	19.2	19.3	0.0	20.4
		50	0	19.3	19.2	19.1	0.0	20.3	19.3	19.2	19.1	0.0	20.4
		50	24	19.3	19.2	19.2	0.0	20.3	19.3	19.2	19.2	0.0	20.4
		50	50	19.2	19.1	19.1	0.0	20.3	19.2	19.1	19.1	0.0	20.4
		100	0	19.3	19.2	19.1	0.0	20.3	19.3	19.2	19.1	0.0	20.4
	256QAM	1	0	18.1	18.1	17.9	1.6	18.7	18.1	18.1	17.9	1.7	18.7
		1	49	18.1	18.0	17.9	1.6	18.7	18.1	18.0	17.9	1.7	18.7
		1	99	17.9	17.9	17.9	1.6	18.7	17.9	17.9	17.9	1.7	18.7
		50	0	18.0	17.8	17.8	1.6	18.7	18.0	17.8	17.8	1.7	18.7
		50	24	18.0	17.8	17.8	1.6	18.7	18.0	17.8	17.8	1.7	18.7
		50	50	17.8	17.7	17.8	1.6	18.7	17.8	17.7	17.8	1.7	18.7
		100	0	17.9	17.8	17.7	1.6	18.7	17.9	17.8	17.7	1.7	18.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
				132047	132322	132597	MPR	Tune-up Limit	132047	132322	132597	MPR	Tune-up Limit
				1717.5 MHz	1745 MHz	1772.5 MHz			1717.5 MHz	1745 MHz	1772.5 MHz		
15 MHz	QPSK	1	0	19.5	19.5	19.4	0.0	20.3	19.5	19.5	19.4	0.0	20.4
		1	37	19.5	19.4	19.5	0.0	20.3	19.5	19.4	19.5	0.0	20.4
		1	74	19.5	19.3	19.4	0.0	20.3	19.5	19.3	19.4	0.0	20.4
		36	0	19.6	19.4	19.4	0.0	20.3	19.6	19.4	19.4	0.0	20.4
		36	20	19.6	19.4	19.4	0.0	20.3	19.6	19.4	19.4	0.0	20.4
		36	39	19.6	19.4	19.4	0.0	20.3	19.6	19.4	19.4	0.0	20.4
		75	0	19.6	19.4	19.3	0.0	20.3	19.6	19.4	19.3	0.0	20.4
	16QAM	1	0	19.9	19.8	19.8	0.0	20.3	19.9	19.8	19.8	0.0	20.4
		1	37	19.9	19.7	19.8	0.0	20.3	19.9	19.7	19.8	0.0	20.4
		1	74	19.8	19.7	19.7	0.0	20.3	19.8	19.7	19.7	0.0	20.4
		36	0	19.6	19.4	19.4	0.0	20.3	19.6	19.4	19.4	0.0	20.4
		36	20	19.6	19.4	19.4	0.0	20.3	19.6	19.4	19.4	0.0	20.4
		36	39	19.5	19.4	19.4	0.0	20.3	19.5	19.4	19.4	0.0	20.4
		75	0	19.5	19.4	19.4	0.0	20.3	19.5	19.4	19.4	0.0	20.4
	64QAM	1	0	19.7	19.6	19.6	0.0	20.3	19.7	19.6	19.6	0.0	20.4
		1	37	19.8	19.6	19.6	0.0	20.3	19.8	19.6	19.6	0.0	20.4
		1	74	19.7	19.5	19.5	0.0	20.3	19.7	19.5	19.5	0.0	20.4
		36	0	19.6	19.4	19.4	0.0	20.3	19.6	19.4	19.4	0.0	20.4
		36	20	19.6	19.4	19.4	0.0	20.3	19.6	19.4	19.4	0.0	20.4
		36	39	19.5	19.3	19.4	0.0	20.3	19.5	19.3	19.4	0.0	20.4
		75	0	19.5	19.4	19.3	0.0	20.3	19.5	19.4	19.3	0.0	20.4
	256QAM	1	0	18.1	18.1	17.9	1.6	18.7	18.1	18.1	17.9	1.7	18.7
		1	37	18.1	18.0	18.0	1.6	18.7	18.1	18.0	18.0	1.7	18.7
		1	74	18.1	18.0	17.9	1.6	18.7	18.1	18.0	17.9	1.7	18.7
		36	0	18.2	18.0	18.0	1.6	18.7	18.2	18.0	18.0	1.7	18.7
		36	20	18.2	18.0	17.9	1.6	18.7	18.2	18.0	17.9	1.7	18.7
		36	39	18.1	17.9	18.0	1.6	18.7	18.1	17.9	18.0	1.7	18.7
		75	0	18.2	18.0	17.9	1.6	18.7	18.2	18.0	17.9	1.7	18.7

LTE Band 66 Measured Results (ANT4) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				132022	132322	132622			132022	132322	132622		
				1715 MHz	1745 MHz	1775 MHz			1715 MHz	1745 MHz	1775 MHz		
10 MHz	QPSK	1	0	19.6	19.5	19.5	0.0	20.3	19.6	19.5	19.5	0.0	20.4
		1	25	19.7	19.5	19.5	0.0	20.3	19.7	19.5	19.5	0.0	20.4
		1	49	19.6	19.4	19.4	0.0	20.3	19.6	19.4	19.4	0.0	20.4
		25	0	19.7	19.6	19.5	0.0	20.3	19.7	19.6	19.5	0.0	20.4
		25	12	19.6	19.5	19.5	0.0	20.3	19.6	19.5	19.5	0.0	20.4
		25	25	19.6	19.5	19.5	0.0	20.3	19.6	19.5	19.5	0.0	20.4
		50	0	19.6	19.5	19.5	0.0	20.3	19.6	19.5	19.5	0.0	20.4
	16QAM	1	0	19.8	19.8	19.8	0.0	20.3	19.8	19.8	19.8	0.0	20.4
		1	25	19.8	19.8	19.8	0.0	20.3	19.8	19.8	19.8	0.0	20.4
		1	49	19.8	19.6	19.8	0.0	20.3	19.8	19.6	19.8	0.0	20.4
		25	0	19.7	19.5	19.5	0.0	20.3	19.7	19.5	19.5	0.0	20.4
		25	12	19.6	19.5	19.5	0.0	20.3	19.6	19.5	19.5	0.0	20.4
		25	25	19.6	19.5	19.5	0.0	20.3	19.6	19.5	19.5	0.0	20.4
		50	0	19.6	19.5	19.4	0.0	20.3	19.6	19.5	19.4	0.0	20.4
	64QAM	1	0	19.8	19.7	19.7	0.0	20.3	19.8	19.7	19.7	0.0	20.4
		1	25	19.8	19.7	19.7	0.0	20.3	19.8	19.7	19.7	0.0	20.4
		1	49	19.7	19.6	19.6	0.0	20.3	19.7	19.6	19.6	0.0	20.4
		25	0	19.7	19.5	19.5	0.0	20.3	19.7	19.5	19.5	0.0	20.4
		25	12	19.6	19.5	19.5	0.0	20.3	19.6	19.5	19.5	0.0	20.4
		25	25	19.6	19.5	19.5	0.0	20.3	19.6	19.5	19.5	0.0	20.4
		50	0	19.6	19.5	19.5	0.0	20.3	19.6	19.5	19.5	0.0	20.4
	256QAM	1	0	18.3	18.2	18.1	1.6	18.7	18.3	18.2	18.1	1.7	18.7
		1	25	18.3	18.2	18.2	1.6	18.7	18.3	18.2	18.2	1.7	18.7
		1	49	18.1	18.1	18.1	1.6	18.7	18.1	18.1	18.1	1.7	18.7
		25	0	18.3	18.1	18.1	1.6	18.7	18.3	18.1	18.1	1.7	18.7
		25	12	18.2	18.1	18.0	1.6	18.7	18.2	18.1	18.0	1.7	18.7
		25	25	18.2	18.1	18.1	1.6	18.7	18.2	18.1	18.1	1.7	18.7
		50	0	18.2	18.1	18.0	1.6	18.7	18.2	18.1	18.0	1.7	18.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				131997	132322	132647			131997	132322	132647		
				1712.5 MHz	1745 MHz	1777.5 MHz			1712.5 MHz	1745 MHz	1777.5 MHz		
5 MHz	QPSK	1	0	19.6	19.4	19.5	0.0	20.3	19.6	19.4	19.5	0.0	20.4
		1	12	19.6	19.5	19.5	0.0	20.3	19.6	19.5	19.5	0.0	20.4
		1	24	19.6	19.4	19.4	0.0	20.3	19.6	19.4	19.4	0.0	20.4
		12	0	19.7	19.5	19.5	0.0	20.3	19.7	19.5	19.5	0.0	20.4
		12	7	19.7	19.5	19.5	0.0	20.3	19.7	19.5	19.5	0.0	20.4
		12	13	19.7	19.5	19.5	0.0	20.3	19.7	19.5	19.5	0.0	20.4
		25	0	19.7	19.5	19.5	0.0	20.3	19.7	19.5	19.5	0.0	20.4
	16QAM	1	0	19.9	19.9	19.9	0.0	20.3	19.9	19.9	19.9	0.0	20.4
		1	12	19.8	19.9	19.9	0.0	20.3	19.8	19.9	19.9	0.0	20.4
		1	24	19.9	19.8	19.9	0.0	20.3	19.9	19.8	19.9	0.0	20.4
		12	0	19.7	19.5	19.6	0.0	20.3	19.7	19.5	19.6	0.0	20.4
		12	7	19.7	19.6	19.6	0.0	20.3	19.7	19.6	19.6	0.0	20.4
		12	13	19.7	19.5	19.6	0.0	20.3	19.7	19.5	19.6	0.0	20.4
		25	0	19.7	19.5	19.5	0.0	20.3	19.7	19.5	19.5	0.0	20.4
	64QAM	1	0	19.8	19.6	19.5	0.0	20.3	19.8	19.6	19.5	0.0	20.4
		1	12	19.8	19.6	19.6	0.0	20.3	19.8	19.6	19.6	0.0	20.4
		1	24	19.8	19.6	19.5	0.0	20.3	19.8	19.6	19.5	0.0	20.4
		12	0	19.7	19.5	19.5	0.0	20.3	19.7	19.5	19.5	0.0	20.4
		12	7	19.7	19.5	19.5	0.0	20.3	19.7	19.5	19.5	0.0	20.4
		12	13	19.7	19.5	19.5	0.0	20.3	19.7	19.5	19.5	0.0	20.4
		25	0	19.7	19.5	19.5	0.0	20.3	19.7	19.5	19.5	0.0	20.4
	256QAM	1	0	18.3	18.3	18.2	1.6	18.7	18.3	18.3	18.2	1.7	18.7
		1	12	18.3	18.2	18.2	1.6	18.7	18.3	18.2	18.2	1.7	18.7
		1	24	18.3	18.1	18.1	1.6	18.7	18.3	18.1	18.1	1.7	18.7
		12	0	18.3	18.1	18.1	1.6	18.7	18.3	18.1	18.1	1.7	18.7
		12	7	18.3	18.1	18.1	1.6	18.7	18.3	18.1	18.1	1.7	18.7
		12	13	18.2	18.0	18.1	1.6	18.7	18.2	18.0	18.1	1.7	18.7
		25	0	18.2	18.1	18.1	1.6	18.7	18.2	18.1	18.1	1.7	18.7

LTE Band 66 Measured Results (ANT4) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				131987	132322	132657			131987	132322	132657		
				1711.5 MHz	1745 MHz	1778.5 MHz			1711.5 MHz	1745 MHz	1778.5 MHz		
3 MHz	QPSK	1	0	19.4	19.4	19.4	0.0	20.3	19.4	19.4	19.4	0.0	20.4
		1	8	19.5	19.5	19.5	0.0	20.3	19.5	19.5	19.5	0.0	20.4
		1	14	19.4	19.4	19.4	0.0	20.3	19.4	19.4	19.4	0.0	20.4
		8	0	19.5	19.5	19.5	0.0	20.3	19.5	19.5	19.5	0.0	20.4
		8	4	19.5	19.5	19.5	0.0	20.3	19.5	19.5	19.5	0.0	20.4
		8	7	19.5	19.5	19.5	0.0	20.3	19.5	19.5	19.5	0.0	20.4
		15	0	19.5	19.4	19.5	0.0	20.3	19.5	19.4	19.5	0.0	20.4
	16QAM	1	0	19.8	19.8	19.8	0.0	20.3	19.8	19.8	19.8	0.0	20.4
		1	8	19.8	19.8	19.7	0.0	20.3	19.8	19.8	19.7	0.0	20.4
		1	14	19.8	19.7	19.7	0.0	20.3	19.8	19.7	19.7	0.0	20.4
		8	0	19.5	19.5	19.5	0.0	20.3	19.5	19.5	19.5	0.0	20.4
		8	4	19.5	19.5	19.5	0.0	20.3	19.5	19.5	19.5	0.0	20.4
		8	7	19.5	19.5	19.5	0.0	20.3	19.5	19.5	19.5	0.0	20.4
		15	0	19.5	19.5	19.5	0.0	20.3	19.5	19.5	19.5	0.0	20.4
	64QAM	1	0	19.6	19.6	19.6	0.0	20.3	19.6	19.6	19.6	0.0	20.4
		1	8	19.6	19.5	19.7	0.0	20.3	19.6	19.5	19.7	0.0	20.4
		1	14	19.6	19.5	19.5	0.0	20.3	19.6	19.5	19.5	0.0	20.4
		8	0	19.5	19.5	19.5	0.0	20.3	19.5	19.5	19.5	0.0	20.4
		8	4	19.5	19.5	19.5	0.0	20.3	19.5	19.5	19.5	0.0	20.4
		8	7	19.5	19.4	19.4	0.0	20.3	19.5	19.4	19.4	0.0	20.4
		15	0	19.5	19.4	19.4	0.0	20.3	19.5	19.4	19.4	0.0	20.4
	256QAM	1	0	18.2	18.2	18.2	1.6	18.7	18.2	18.2	18.2	1.7	18.7
		1	8	18.2	18.2	18.3	1.6	18.7	18.2	18.2	18.3	1.7	18.7
		1	14	18.2	18.2	18.2	1.6	18.7	18.2	18.2	18.2	1.7	18.7
		8	0	18.1	18.0	18.0	1.6	18.7	18.1	18.0	18.0	1.7	18.7
		8	4	18.1	18.1	18.1	1.6	18.7	18.1	18.1	18.1	1.7	18.7
		8	7	18.0	18.0	18.0	1.6	18.7	18.0	18.0	18.0	1.7	18.7
		15	0	18.0	18.0	18.0	1.6	18.7	18.0	18.0	18.0	1.7	18.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				131979	132322	132665			131979	132322	132665		
				1710.7 MHz	1745 MHz	1779.3 MHz			1710.7 MHz	1745 MHz	1779.3 MHz		
1.4 MHz	QPSK	1	0	19.6	19.4	19.4	0.0	20.3	19.6	19.4	19.4	0.0	20.4
		1	3	19.6	19.4	19.4	0.0	20.3	19.6	19.4	19.4	0.0	20.4
		1	5	19.6	19.4	19.4	0.0	20.3	19.6	19.4	19.4	0.0	20.4
		3	0	19.6	19.4	19.4	0.0	20.3	19.6	19.4	19.4	0.0	20.4
		3	1	19.6	19.4	19.4	0.0	20.3	19.6	19.4	19.4	0.0	20.4
		3	3	19.6	19.4	19.4	0.0	20.3	19.6	19.4	19.4	0.0	20.4
		6	0	19.6	19.4	19.4	0.0	20.3	19.6	19.4	19.4	0.0	20.4
	16QAM	1	0	19.8	19.6	19.6	0.0	20.3	19.8	19.6	19.6	0.0	20.4
		1	3	19.8	19.5	19.6	0.0	20.3	19.8	19.5	19.6	0.0	20.4
		1	5	19.7	19.5	19.6	0.0	20.3	19.7	19.5	19.6	0.0	20.4
		3	0	19.7	19.5	19.5	0.0	20.3	19.7	19.5	19.5	0.0	20.4
		3	1	19.8	19.5	19.5	0.0	20.3	19.8	19.5	19.5	0.0	20.4
		3	3	19.7	19.5	19.5	0.0	20.3	19.7	19.5	19.5	0.0	20.4
		6	0	19.7	19.4	19.4	0.0	20.3	19.7	19.4	19.4	0.0	20.4
	64QAM	1	0	19.9	19.6	19.7	0.0	20.3	19.9	19.6	19.7	0.0	20.4
		1	3	19.9	19.6	19.7	0.0	20.3	19.9	19.6	19.7	0.0	20.4
		1	5	19.8	19.5	19.6	0.0	20.3	19.8	19.5	19.6	0.0	20.4
		3	0	19.8	19.5	19.4	0.0	20.3	19.8	19.5	19.4	0.0	20.4
		3	1	19.8	19.5	19.5	0.0	20.3	19.8	19.5	19.5	0.0	20.4
		3	3	19.8	19.5	19.5	0.0	20.3	19.8	19.5	19.5	0.0	20.4
		6	0	19.5	19.5	19.4	0.0	20.3	19.5	19.5	19.4	0.0	20.4
	256QAM	1	0	18.3	18.1	18.1	1.6	18.7	18.3	18.1	18.1	1.7	18.7
		1	3	18.3	18.2	18.1	1.6	18.7	18.3	18.2	18.1	1.7	18.7
		1	5	18.2	18.2	18.1	1.6	18.7	18.2	18.2	18.1	1.7	18.7
		3	0	18.2	18.1	18.0	1.6	18.7	18.2	18.1	18.0	1.7	18.7
		3	1	18.2	18.1	18.1	1.6	18.7	18.2	18.1	18.1	1.7	18.7
		3	3	18.2	18.1	18.1	1.6	18.7	18.2	18.1	18.1	1.7	18.7
		6	0	18.2	18.0	18.1	1.6	18.7	18.2	18.0	18.1	1.7	18.7

LTE Band 71 Measured Results (ANT1)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
				133297 / 680.5 MHz	MPR	Tune-up Limit	133297 / 680.5 MHz	MPR	Tune-up Limit
20 MHz	QPSK	1	0	25.2	0	25.7	25.2	0	25.7
		1	49	25.3	0	25.7	25.3	0	25.7
		1	99	25.1	0	25.7	25.1	0	25.7
		50	0	23.9	1	24.7	23.9	1	24.7
		50	24	24.2	1	24.7	24.2	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	24.2	1	24.7	24.2	1	24.7
		1	49	24.3	1	24.7	24.3	1	24.7
		1	99	24.2	1	24.7	24.2	1	24.7
		50	0	22.9	2	23.7	22.9	2	23.7
		50	24	23.0	2	23.7	23.0	2	23.7
		50	50	23.0	2	23.7	23.0	2	23.7
		100	0	23.0	2	23.7	23.0	2	23.7
	64QAM	1	0	23.1	2	23.7	23.1	2	23.7
		1	49	23.2	2	23.7	23.2	2	23.7
		1	99	23.2	2	23.7	23.2	2	23.7
		50	0	22.0	3	22.7	22.0	3	22.7
		50	24	22.0	3	22.7	22.0	3	22.7
		50	50	22.0	3	22.7	22.0	3	22.7
		100	0	22.0	3	22.7	22.0	3	22.7
	256QAM	1	0	20.1	5	20.7	20.1	5	20.7
		1	49	20.3	5	20.7	20.3	5	20.7
		1	99	20.2	5	20.7	20.2	5	20.7
		50	0	20.0	5	20.7	20.0	5	20.7
		50	24	20.0	5	20.7	20.0	5	20.7
		50	50	20.1	5	20.7	20.1	5	20.7
		100	0	20.0	5	20.7	20.0	5	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
				133297 / 680.5 MHz	MPR	Tune-up Limit	133297 / 680.5 MHz	MPR	Tune-up Limit
15 MHz	QPSK	1	0	25.0	0	25.7	25.0	0	25.7
		1	37	24.9	0	25.7	24.9	0	25.7
		1	74	25.0	0	25.7	25.0	0	25.7
		36	0	23.9	1	24.7	23.9	1	24.7
		36	20	23.9	1	24.7	23.9	1	24.7
		36	39	23.9	1	24.7	23.9	1	24.7
		75	0	23.9	1	24.7	23.9	1	24.7
	16QAM	1	0	24.2	1	24.7	24.2	1	24.7
		1	37	24.3	1	24.7	24.3	1	24.7
		1	74	24.2	1	24.7	24.2	1	24.7
		36	0	22.9	2	23.7	22.9	2	23.7
		36	20	22.9	2	23.7	22.9	2	23.7
		36	39	22.9	2	23.7	22.9	2	23.7
		75	0	22.9	2	23.7	22.9	2	23.7
	64QAM	1	0	23.2	2	23.7	23.2	2	23.7
		1	37	23.2	2	23.7	23.2	2	23.7
		1	74	23.2	2	23.7	23.2	2	23.7
		36	0	21.9	3	22.7	21.9	3	22.7
		36	20	22.0	3	22.7	22.0	3	22.7
		36	39	22.0	3	22.7	22.0	3	22.7
		75	0	22.0	3	22.7	22.0	3	22.7
	256QAM	1	0	20.1	5	20.7	20.1	5	20.7
		1	37	20.2	5	20.7	20.2	5	20.7
		1	74	20.2	5	20.7	20.2	5	20.7
		36	0	19.9	5	20.7	19.9	5	20.7
		36	20	20.0	5	20.7	20.0	5	20.7
		36	39	20.0	5	20.7	20.0	5	20.7
		75	0	20.0	5	20.7	20.0	5	20.7

LTE Band 71 Measured Results (ANT1) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				133172	133297	133422			133172	133297	133422		
				668 MHz	680.5 MHz	693 MHz			668 MHz	680.5 MHz	693 MHz		
10 MHz	QPSK	1	0	25.2	25.1	25.1	0	25.7	25.2	25.1	25.1	0	25.7
		1	25	25.2	25.1	25.2	0	25.7	25.2	25.1	25.2	0	25.7
		1	49	25.1	25.1	25.1	0	25.7	25.1	25.1	25.1	0	25.7
		25	0	24.1	24.0	24.1	1	24.7	24.1	24.0	24.1	1	24.7
		25	12	24.2	24.1	24.1	1	24.7	24.2	24.1	24.1	1	24.7
		25	25	24.2	24.1	24.1	1	24.7	24.2	24.1	24.1	1	24.7
		50	0	24.2	24.1	24.1	1	24.7	24.2	24.1	24.1	1	24.7
	16QAM	1	0	24.6	24.5	24.5	1	24.7	24.6	24.5	24.5	1	24.7
		1	25	24.4	24.5	24.5	1	24.7	24.4	24.5	24.5	1	24.7
		1	49	24.5	24.5	24.5	1	24.7	24.5	24.5	24.5	1	24.7
		25	0	23.1	23.0	23.1	2	23.7	23.1	23.0	23.1	2	23.7
		25	12	23.2	23.1	23.1	2	23.7	23.2	23.1	23.1	2	23.7
		25	25	23.2	23.1	23.2	2	23.7	23.2	23.1	23.2	2	23.7
		50	0	23.2	23.1	23.1	2	23.7	23.2	23.1	23.1	2	23.7
	64QAM	1	0	23.4	23.3	23.4	2	23.7	23.4	23.3	23.4	2	23.7
		1	25	23.4	23.3	23.5	2	23.7	23.4	23.3	23.5	2	23.7
		1	49	23.4	23.3	23.3	2	23.7	23.4	23.3	23.3	2	23.7
		25	0	22.1	22.0	22.1	3	22.7	22.1	22.0	22.1	3	22.7
		25	12	22.2	22.1	22.1	3	22.7	22.2	22.1	22.1	3	22.7
		25	25	22.2	22.1	22.1	3	22.7	22.2	22.1	22.1	3	22.7
		50	0	22.2	22.1	22.1	3	22.7	22.2	22.1	22.1	3	22.7
	256QAM	1	0	20.3	20.2	20.2	5	20.7	20.3	20.2	20.2	5	20.7
		1	25	20.3	20.3	20.3	5	20.7	20.3	20.3	20.3	5	20.7
		1	49	20.2	20.2	20.2	5	20.7	20.2	20.2	20.2	5	20.7
		25	0	20.1	20.0	20.1	5	20.7	20.1	20.0	20.1	5	20.7
		25	12	20.2	20.1	20.1	5	20.7	20.2	20.1	20.1	5	20.7
		25	25	20.1	20.1	20.1	5	20.7	20.1	20.1	20.1	5	20.7
		50	0	20.2	20.1	20.1	5	20.7	20.2	20.1	20.1	5	20.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				133147	133297	133447			133147	133297	133447		
				665.5 MHz	680.5 MHz	695.5 MHz			665.5 MHz	680.5 MHz	695.5 MHz		
5 MHz	QPSK	1	0	25.2	25.0	25.1	0	25.7	25.2	25.0	25.1	0	25.7
		1	12	25.3	25.2	25.2	0	25.7	25.3	25.2	25.2	0	25.7
		1	24	25.1	25.0	25.0	0	25.7	25.1	25.0	25.0	0	25.7
		12	0	24.1	24.0	24.1	1	24.7	24.1	24.0	24.1	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	24.1	1	24.7	24.2	24.1	24.1	1	24.7
		25	0	24.2	24.1	24.1	1	24.7	24.2	24.1	24.1	1	24.7
	16QAM	1	0	24.6	24.4	24.5	1	24.7	24.6	24.4	24.5	1	24.7
		1	12	24.7	24.6	24.7	1	24.7	24.7	24.6	24.7	1	24.7
		1	24	24.6	24.4	24.5	1	24.7	24.6	24.4	24.5	1	24.7
		12	0	23.3	23.0	23.1	2	23.7	23.3	23.0	23.1	2	23.7
		12	7	23.4	23.1	23.2	2	23.7	23.4	23.1	23.2	2	23.7
		12	13	23.3	23.1	23.1	2	23.7	23.3	23.1	23.1	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	23.5	23.2	23.4	2	23.7	23.5	23.2	23.4	2	23.7
		1	12	23.5	23.2	23.4	2	23.7	23.5	23.2	23.4	2	23.7
		1	24	23.4	23.1	23.3	2	23.7	23.4	23.1	23.3	2	23.7
		12	0	22.2	22.1	22.2	3	22.7	22.2	22.1	22.2	3	22.7
		12	7	22.3	22.1	22.2	3	22.7	22.3	22.1	22.2	3	22.7
		12	13	22.3	22.1	22.2	3	22.7	22.3	22.1	22.2	3	22.7
		25	0	22.2	22.1	22.2	3	22.7	22.2	22.1	22.2	3	22.7
	256QAM	1	0	20.3	20.2	20.2	5	20.7	20.3	20.2	20.2	5	20.7
		1	12	20.4	20.3	20.3	5	20.7	20.4	20.3	20.3	5	20.7
		1	24	20.3	20.2	20.2	5	20.7	20.3	20.2	20.2	5	20.7
		12	0	20.2	20.0	20.2	5	20.7	20.2	20.0	20.2	5	20.7
		12	7	20.3	20.1	20.2	5	20.7	20.3	20.1	20.2	5	20.7
		12	13	20.2	20.1	20.2	5	20.7	20.2	20.1	20.2	5	20.7
		25	0	20.2	20.1	20.2	5	20.7	20.2	20.1	20.2	5	20.7

LTE Band 71 Measured Results (ANT2)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
				133297 / 680.5 MHz	MPR	Tune-up Limit	133297 / 680.5 MHz	MPR	Tune-up Limit
20 MHz	QPSK	1	0	22.1	0.0	23.1	24.1	0.0	24.7
		1	49	22.3	0.0	23.1	24.2	0.0	24.7
		1	99	22.1	0.0	23.1	23.9	0.0	24.7
		50	0	22.3	0.0	23.1	23.2	1.0	23.7
		50	24	22.3	0.0	23.1	23.3	1.0	23.7
		50	50	22.1	0.0	23.1	23.2	1.0	23.7
		100	0	22.2	0.0	23.1	23.1	1.0	23.7
	16QAM	1	0	21.9	0.0	23.1	23.5	1.0	23.7
		1	49	22.0	0.0	23.1	23.6	1.0	23.7
		1	99	21.9	0.0	23.1	23.3	1.0	23.7
		50	0	21.2	0.4	22.7	22.0	2.0	22.7
		50	24	21.3	0.4	22.7	22.0	2.0	22.7
		50	50	21.2	0.4	22.7	22.0	2.0	22.7
		100	0	21.3	0.4	22.7	22.0	2.0	22.7
	64QAM	1	0	21.4	0.4	22.7	22.2	2.0	22.7
		1	49	21.5	0.4	22.7	22.3	2.0	22.7
		1	99	21.4	0.4	22.7	22.1	2.0	22.7
		50	0	20.2	1.4	21.7	21.0	3.0	21.7
		50	24	20.3	1.4	21.7	21.0	3.0	21.7
		50	50	20.2	1.4	21.7	20.9	3.0	21.7
		100	0	20.3	1.4	21.7	21.0	3.0	21.7
	256QAM	1	0	18.3	3.4	19.7	19.1	5.0	19.7
		1	49	18.5	3.4	19.7	19.1	5.0	19.7
		1	99	18.5	3.4	19.7	19.1	5.0	19.7
		50	0	18.2	3.4	19.7	19.0	5.0	19.7
		50	24	18.3	3.4	19.7	19.0	5.0	19.7
		50	50	18.3	3.4	19.7	19.0	5.0	19.7
		100	0	18.3	3.4	19.7	19.0	5.0	19.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
				133297 / 680.5 MHz	MPR	Tune-up Limit	133297 / 680.5 MHz	MPR	Tune-up Limit
15 MHz	QPSK	1	0	21.7	0.0	23.1	24.0	0.0	24.7
		1	37	21.7	0.0	23.1	24.0	0.0	24.7
		1	74	21.6	0.0	23.1	24.0	0.0	24.7
		36	0	21.6	0.0	23.1	23.0	1.0	23.7
		36	20	21.7	0.0	23.1	23.0	1.0	23.7
		36	39	21.6	0.0	23.1	23.0	1.0	23.7
		75	0	21.7	0.0	23.1	23.0	1.0	23.7
	16QAM	1	0	22.0	0.0	23.1	23.3	1.0	23.7
		1	37	21.9	0.0	23.1	23.3	1.0	23.7
		1	74	21.8	0.0	23.1	23.3	1.0	23.7
		36	0	21.2	0.4	22.7	22.0	2.0	22.7
		36	20	21.3	0.4	22.7	22.0	2.0	22.7
		36	39	21.2	0.4	22.7	22.0	2.0	22.7
		75	0	21.3	0.4	22.7	22.0	2.0	22.7
	64QAM	1	0	21.5	0.4	22.7	22.3	2.0	22.7
		1	37	21.5	0.4	22.7	22.2	2.0	22.7
		1	74	21.4	0.4	22.7	22.2	2.0	22.7
		36	0	20.3	1.4	21.7	21.0	3.0	21.7
		36	20	20.3	1.4	21.7	21.0	3.0	21.7
		36	39	20.2	1.4	21.7	21.0	3.0	21.7
		75	0	20.3	1.4	21.7	21.0	3.0	21.7
	256QAM	1	0	18.3	3.4	19.7	19.1	5.0	19.7
		1	37	18.3	3.4	19.7	19.1	5.0	19.7
		1	74	18.3	3.4	19.7	19.1	5.0	19.7
		36	0	18.3	3.4	19.7	19.0	5.0	19.7
		36	20	18.3	3.4	19.7	19.0	5.0	19.7
		36	39	18.3	3.4	19.7	19.0	5.0	19.7
		75	0	18.3	3.4	19.7	19.0	5.0	19.7

LTE Band 71 Measured Results (ANT2) (continued)

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				133172	133297	133422			133172	133297	133422		
				668 MHz	680.5 MHz	693 MHz			668 MHz	680.5 MHz	693 MHz		
10 MHz	QPSK	1	0	21.9	21.8	21.7	0.0	23.1	24.2	24.2	24.2	0.0	24.7
		1	25	21.9	21.8	21.7	0.0	23.1	24.2	24.1	24.2	0.0	24.7
		1	49	21.9	21.7	21.7	0.0	23.1	24.2	24.1	24.1	0.0	24.7
		25	0	21.9	21.7	21.7	0.0	23.1	23.2	23.1	23.1	1.0	23.7
		25	12	21.9	21.8	21.7	0.0	23.1	23.3	23.2	23.1	1.0	23.7
		25	25	21.9	21.8	21.7	0.0	23.1	23.2	23.1	23.1	1.0	23.7
		50	0	21.9	21.8	21.7	0.0	23.1	23.2	23.1	23.1	1.0	23.7
	16QAM	1	0	22.3	22.1	22.1	0.0	23.1	23.3	23.3	23.3	1.0	23.7
		1	25	22.2	22.0	22.0	0.0	23.1	23.3	23.3	23.3	1.0	23.7
		1	49	22.1	22.1	22.1	0.0	23.1	23.3	23.3	23.3	1.0	23.7
		25	0	21.5	21.3	21.3	0.4	22.7	22.2	22.1	22.1	2.0	22.7
		25	12	21.5	21.4	21.3	0.4	22.7	22.3	22.2	22.1	2.0	22.7
		25	25	21.5	21.4	21.4	0.4	22.7	22.2	22.1	22.1	2.0	22.7
		50	0	21.5	21.4	21.3	0.4	22.7	22.3	22.2	22.1	2.0	22.7
	64QAM	1	0	21.7	21.6	21.5	0.4	22.7	22.4	22.4	22.4	2.0	22.7
		1	25	21.7	21.5	21.5	0.4	22.7	22.5	22.4	22.4	2.0	22.7
		1	49	21.6	21.5	21.5	0.4	22.7	22.3	22.4	22.3	2.0	22.7
		25	0	20.5	20.3	20.3	1.4	21.7	21.2	21.1	21.1	3.0	21.7
		25	12	20.5	20.4	20.3	1.4	21.7	21.3	21.2	21.1	3.0	21.7
		25	25	20.5	20.4	20.3	1.4	21.7	21.2	21.1	21.1	3.0	21.7
		50	0	20.5	20.4	20.3	1.4	21.7	21.2	21.1	21.1	3.0	21.7
	256QAM	1	0	18.6	18.4	18.4	3.4	19.7	19.3	19.2	19.2	5.0	19.7
		1	25	18.7	18.6	18.6	3.4	19.7	19.4	19.3	19.3	5.0	19.7
		1	49	18.5	18.4	18.4	3.4	19.7	19.3	19.2	19.2	5.0	19.7
		25	0	18.5	18.3	18.3	3.4	19.7	19.2	19.1	19.1	5.0	19.7
		25	12	18.5	18.4	18.3	3.4	19.7	19.3	19.2	19.1	5.0	19.7
		25	25	18.5	18.4	18.3	3.4	19.7	19.2	19.1	19.1	5.0	19.7
		50	0	18.5	18.4	18.3	3.4	19.7	19.2	19.1	19.0	5.0	19.7

BW (MHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
				133147	133297	133447			133147	133297	133447		
				665.5 MHz	680.5 MHz	695.5 MHz			665.5 MHz	680.5 MHz	695.5 MHz		
5 MHz	QPSK	1	0	21.9	21.8	21.7	0.0	23.1	24.1	24.1	24.2	0.0	24.7
		1	12	22.0	22.0	21.8	0.0	23.1	24.2	24.2	24.2	0.0	24.7
		1	24	21.9	21.7	21.6	0.0	23.1	24.0	24.0	24.2	0.0	24.7
		12	0	21.9	21.7	21.7	0.0	23.1	23.1	23.0	23.2	1.0	23.7
		12	7	21.9	21.9	21.8	0.0	23.1	23.1	23.1	23.3	1.0	23.7
		12	13	21.9	21.8	21.7	0.0	23.1	23.1	23.1	23.2	1.0	23.7
		25	0	21.9	21.8	21.7	0.0	23.1	23.1	23.1	23.2	1.0	23.7
	16QAM	1	0	22.2	22.1	22.1	0.0	23.1	23.1	23.2	23.2	1.0	23.7
		1	12	22.3	22.3	22.2	0.0	23.1	23.1	23.2	23.2	1.0	23.7
		1	24	22.2	22.1	22.0	0.0	23.1	23.1	23.2	23.2	1.0	23.7
		12	0	21.5	21.4	21.3	0.4	22.7	22.2	22.1	22.2	2.0	22.7
		12	7	21.6	21.6	21.4	0.4	22.7	22.2	22.2	22.3	2.0	22.7
		12	13	21.5	21.5	21.3	0.4	22.7	22.1	22.2	22.3	2.0	22.7
		25	0	21.5	21.4	21.4	0.4	22.7	22.1	22.1	22.2	2.0	22.7
	64QAM	1	0	21.8	21.6	21.6	0.4	22.7	22.4	22.2	22.3	2.0	22.7
		1	12	21.8	21.7	21.7	0.4	22.7	22.4	22.3	22.4	2.0	22.7
		1	24	21.8	21.6	21.5	0.4	22.7	22.3	22.2	22.3	2.0	22.7
		12	0	20.5	20.4	20.4	1.4	21.7	21.2	21.1	21.2	3.0	21.7
		12	7	20.6	20.5	20.4	1.4	21.7	21.3	21.2	21.2	3.0	21.7
		12	13	20.6	20.5	20.4	1.4	21.7	21.3	21.1	21.2	3.0	21.7
		25	0	20.5	20.4	20.4	1.4	21.7	21.2	21.1	21.2	3.0	21.7
	256QAM	1	0	18.6	18.5	18.5	3.4	19.7	19.3	19.2	19.3	5.0	19.7
		1	12	18.7	18.6	18.5	3.4	19.7	19.5	19.3	19.4	5.0	19.7
		1	24	18.7	18.5	18.4	3.4	19.7	19.4	19.2	19.2	5.0	19.7
		12	0	18.5	18.4	18.4	3.4	19.7	19.2	19.1	19.1	5.0	19.7
		12	7	18.6	18.5	18.4	3.4	19.7	19.3	19.2	19.2	5.0	19.7
		12	13	18.5	18.5	18.4	3.4	19.7	19.3	19.1	19.1	5.0	19.7
		25	0	18.6	18.4	18.4	3.4	19.7	19.2	19.1	19.1	5.0	19.7

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
256 QAM	≥ 1				≤ 5

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

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

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

Where M_A is defined as follows

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

$3.83 – 0.83A$;$0.4 \le A \le 1$

and M_{IM5} is defined as follows

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

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

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

Where

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

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

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

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

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

MPR = CEIL{M_A, 0.5}

Where M_N is defined as follows

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

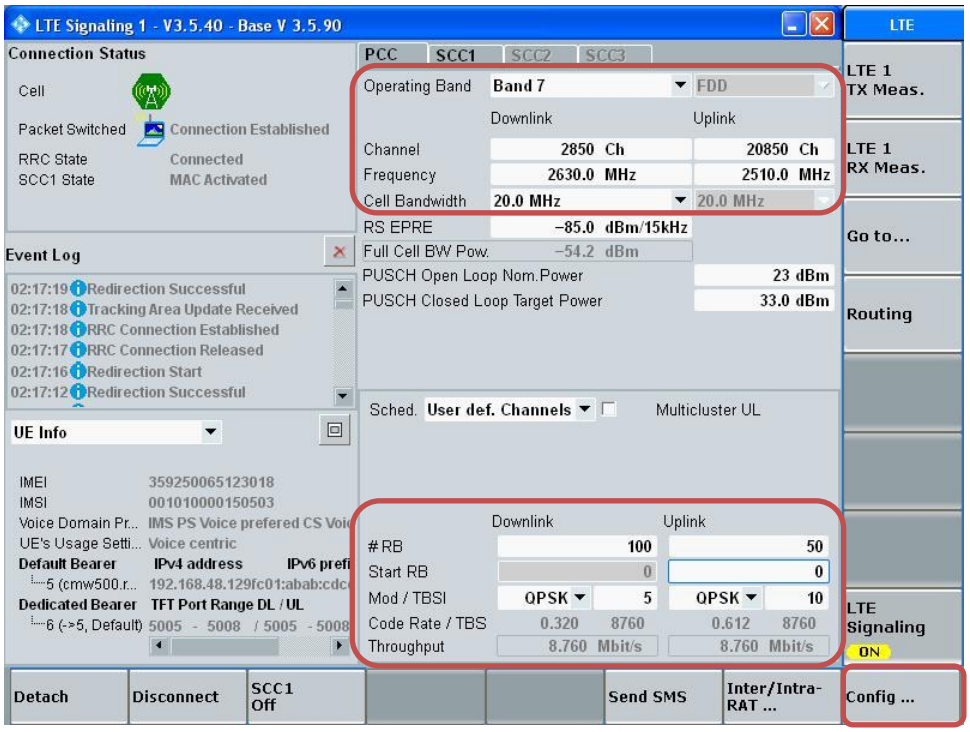
$-0.0333 N + 13.67$; $50 < N \le 200$

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

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

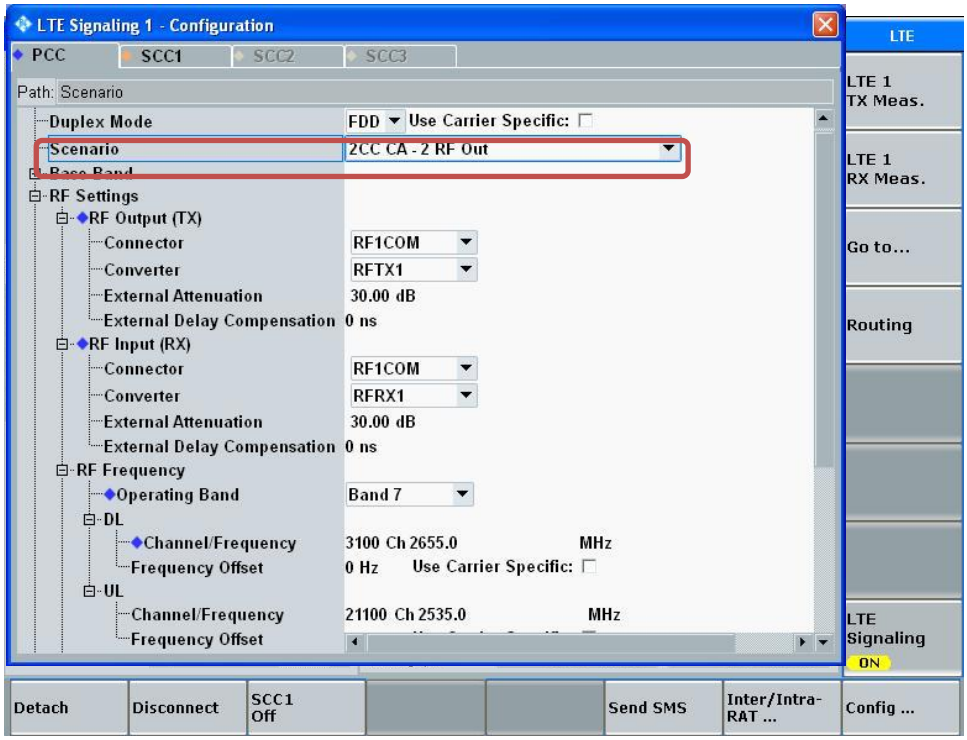
LTE Carrier Aggregation Test Signal Set-up Procedure
(Use normal LTE set-up procedure in addition with the following steps)

Set to CMW-500 with following parameters:

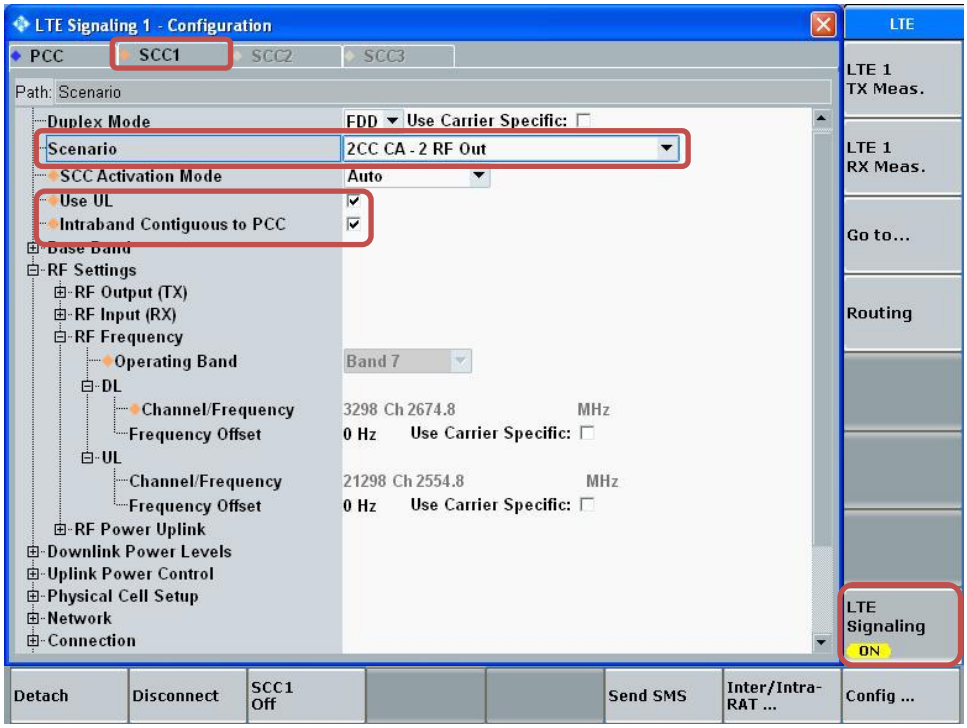
- PCC tab:
  - Select the testing Operating Band, Channel, Frequency, Cell Bandwidth, Uplink RBs
  - 

- Go to “Config….”

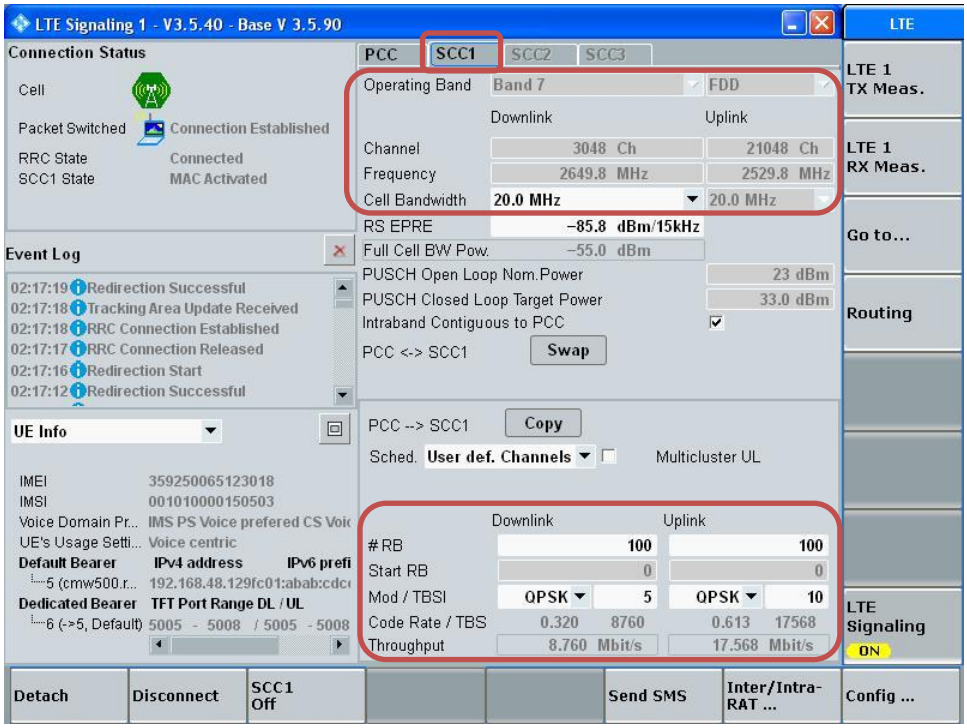
- Go to “Scenario”
- Set to “2CC CA – 2 RF Out”



- Select “SCC1” tab
- Go to “Scenario”
- Set to “2CC CA – 2 RF Out”
- Enable “Use UL”
- Enable “Intraband Contiguous to PCC”
- Select “LTE Signaling” button

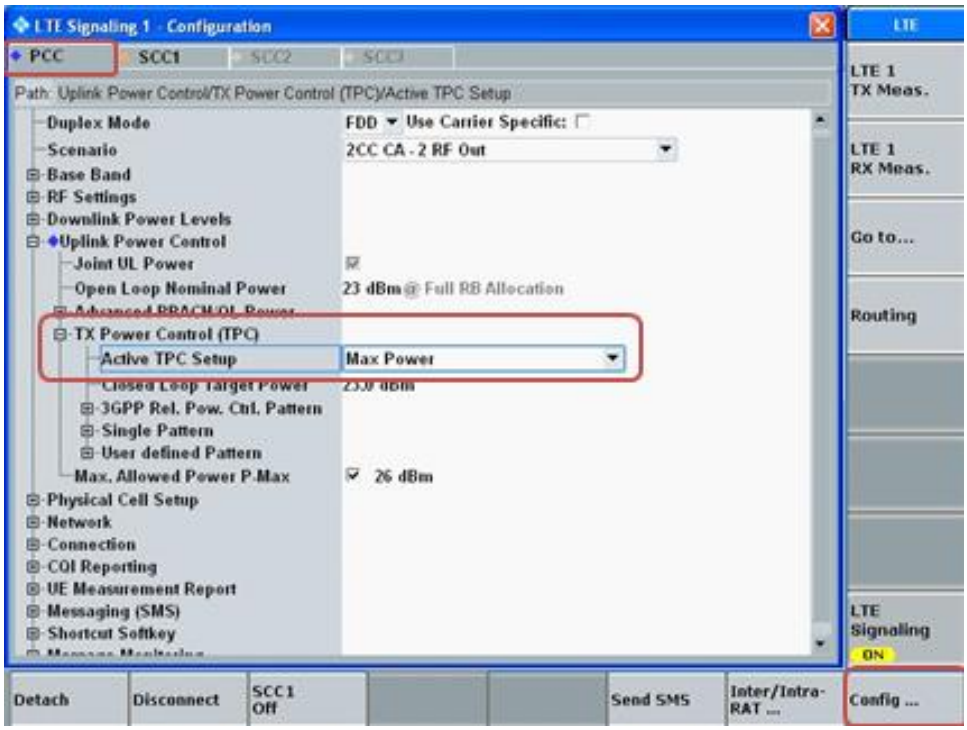


- Select “SCC1” tab
  - Select the testing Cell Bandwidth, Uplink RBs

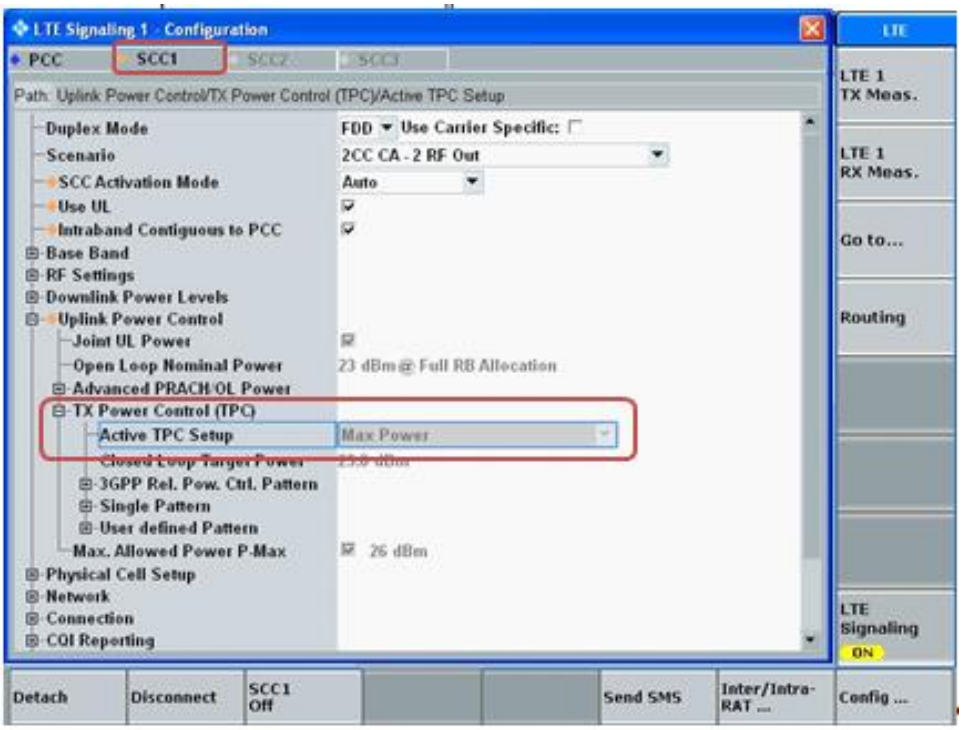


Max Power Setting

- Select “Config …” button
- Select PCC tab
- Set “Active TPC Setup” to “Max Power”

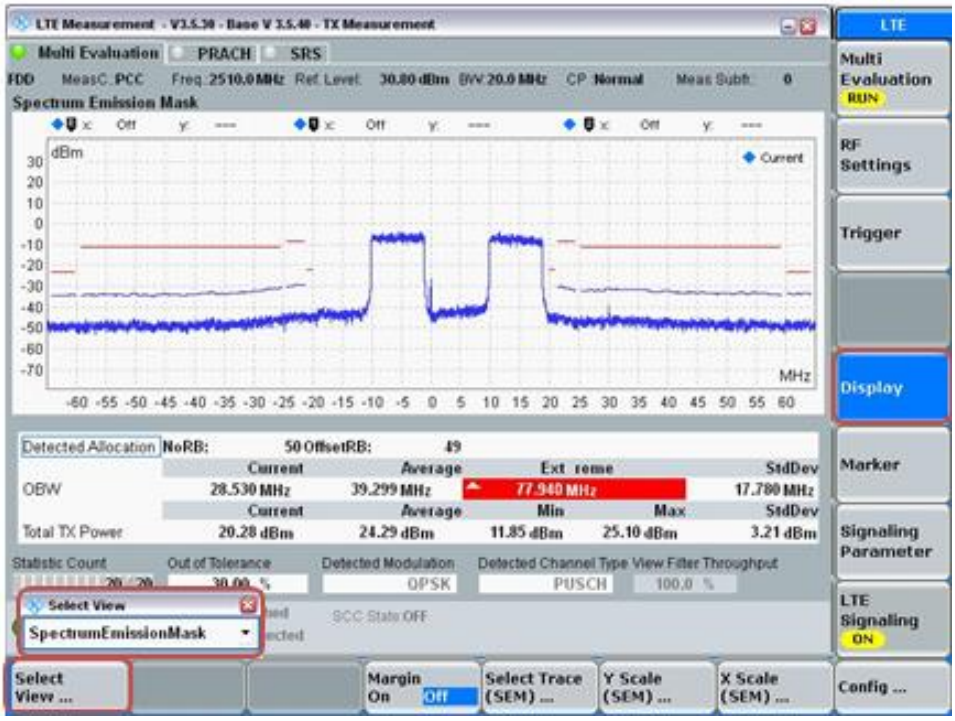


- Select SCC1 tab
- Verify that “Active TPC Setup” is set to “Max Power”



View TX Power

- Go to “Display”
- Select “Select View…”
- Select “Spectrum Emission Mask”



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 power with MPR of 0 dB).

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

a) When the maximum output 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

Output Power for LTE UL Carrier Aggregation

Intra-Band Contiguous	Mode	Target Output Power (dBm)								Tolerance	Maximum Output Power (Tune-up Limit) (dBm)							
		ANT1		ANT2		ANT3		ANT4			ANT1		ANT2		ANT3		ANT4	
		Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	+ / -	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B
CA_5B	QPSK	25.0	23.3	21.8	24.0					0.7 / -1.0	25.7	24.0	22.5	24.7				
CA_7C	QPSK	24.6	19.0	16.2	17.4	23.8	19.9	18.4	18.1	0.7 / -1.0	25.3	19.7	16.9	18.1	24.5	20.6	19.1	18.8
CA_41C (PC3)	QPSK	25.0	21.5	17.9	19.4	25.0	20.5	20.8	20.2	0.7 / -1.0	25.7	22.2	18.6	20.1	25.7	21.2	21.5	20.9
CA_41C (PC2)	QPSK	28.0	23.1	19.5	21.0	27.3	22.1	22.4	21.8	0.7 / -1.0	28.7	23.8	20.2	21.7	28.0	22.8	23.1	22.5
Intra-Band Contiguous	Mode	Target Output Power (dBm)								Tolerance	Maximum Output Power (Tune-up Limit) (dBm)							
		ANT7		ANT8		ANT9		ANT4			ANT7		ANT8		ANT9		ANT4	
		Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	+ / -	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B
CA_48C	QPSK	22.9	20.6	20.5	19.9	20.3	18.6	20.0	21.0	1.0 / -1.0	23.9	21.6	21.5	20.9	21.3	19.6	21.0	22.0

LTE CA_5B Measured Results

UL CA Combination	Antenna	Power Mode	Modulation	PCC				SCC				Standalone Power		(PCC + SCC) UL CA Power		
				BW (MHz)	Freq	RB	Offset	BW (MHz)	Freq	RB	Offset	Tune-Up Limit (dBm)	UL CA Inactive (dBm)	Tune-Up Limit (dBm)	UL CA active (dBm)	Delta
CA_5B	ANT 1	Mode A	QPSK	10	831.6	1	49	5	841.5	1	0	25.7	24.8	25.7	24.7	-0.1
CA_5B	ANT 1	Mode B	QPSK	10	831.6	1	49	5	841.5	1	0	24.0	23.2	24.0	23.1	-0.1
CA_5B	ANT 2	Mode A	QPSK	10	831.6	1	49	5	841.5	1	0	22.5	21.5	22.5	21.4	-0.1
CA_5B	ANT 2	Mode B	QPSK	10	831.6	1	49	5	841.5	1	0	24.7	23.6	24.7	23.3	-0.3

Note(s):

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

LTE CA_7C Measured Results

UL CA Combination	Antenna	Power Mode	Modulation	PCC				SCC				Standalone Power		(PCC + SCC) UL CA Power		
				BW (MHz)	Freq	RB	Offset	BW (MHz)	Freq	RB	Offset	Tune-Up Limit (dBm)	UL CA Inactive (dBm)	Tune-Up Limit (dBm)	UL CA active (dBm)	Delta
CA_7C	ANT 1	Mode A	QPSK	20	2525.1	1	99	20	2544.9	1	0	25.3	24.3	25.3	24.3	0.0
CA_7C	ANT 1	Mode B	QPSK	20	2525.1	1	99	20	2544.9	1	0	19.7	18.8	19.7	18.7	-0.1
CA_7C	ANT 1	Mode B	QPSK	20	2510.0	1	99	20	2529.8	1	0	19.7	18.8	19.7	18.7	-0.1
CA_7C	ANT 2	Mode A	QPSK	20	2540.2	1	99	20	2560.0	1	0	16.9	16.0	16.9	15.7	-0.3
CA_7C	ANT 2	Mode B	QPSK	20	2525.1	1	99	20	2544.9	1	0	18.1	17.7	18.1	17.5	-0.2
CA_7C	ANT 2	Mode B	QPSK	20	2540.2	1	99	20	2560.0	1	0	18.1	17.7	18.1	17.5	-0.2
CA_7C	ANT 3	Mode A	QPSK	20	2525.1	1	99	20	2544.9	1	0	24.5	23.6	24.5	23.4	-0.2
CA_7C	ANT 3	Mode B	QPSK	20	2525.1	1	99	20	2544.9	1	0	20.6	20.0	20.6	19.8	-0.2
CA_7C	ANT 4	Mode A	QPSK	20	2540.2	1	99	20	2560.0	1	0	19.1	18.7	19.1	18.5	-0.2
CA_7C	ANT 4	Mode B	QPSK	20	2525.1	1	99	20	2544.9	1	0	18.8	18.1	18.8	18.0	-0.1
CA_7C	ANT 4	Mode B	QPSK	20	2540.2	1	99	20	2560.0	1	0	18.8	17.9	18.8	17.9	0.0

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

LTE CA_41C (PC3) Measured Results

UL CA Combination	Antenna	Power Mode	Modulation	PCC				SCC				Standalone Power		(PCC + SCC) UL CA Power		
				BW (MHz)	Freq	RB	Offset	BW (MHz)	Freq	RB	Offset	Tune-Up Limit (dBm)	UL CA Inactive (dBm)	Tune-Up Limit (dBm)	UL CA active (dBm)	Delta
CA_41C	ANT 1	Mode A	QPSK	20	2583.1	1	99	20	2602.9	1	0	25.7	24.6	25.7	24.5	-0.1
CA_41C	ANT 1	Mode B	QPSK	20	2583.1	1	99	20	2602.9	1	0	22.2	21.2	22.2	21.0	-0.2
CA_41C	ANT 2	Mode A	QPSK	20	2660.2	1	99	20	2680.0	1	0	18.6	17.8	18.6	17.6	-0.2
CA_41C	ANT 2	Mode B	QPSK	20	2583.1	1	99	20	2602.9	1	0	20.1	19.2	20.1	19.0	-0.2
CA_41C	ANT 2	Mode B	QPSK	20	2660.2	1	99	20	2680.0	1	0	20.1	19.2	20.1	19.0	-0.2
CA_41C	ANT 3	Mode A	QPSK	20	2583.1	1	99	20	2602.9	1	0	25.7	24.8	25.7	24.8	0.0
CA_41C	ANT 3	Mode B	QPSK	20	2583.1	1	99	20	2602.9	1	0	21.2	20.4	21.2	20.0	-0.4
CA_41C	ANT 3	Mode B	QPSK	20	2660.2	1	99	20	2680.0	1	0	21.2	20.3	21.2	20.0	-0.3
CA_41C	ANT 4	Mode A	QPSK	20	2660.2	1	99	20	2680.0	1	0	21.5	20.6	21.5	20.4	-0.2
CA_41C	ANT 4	Mode B	QPSK	20	2583.1	1	99	20	2602.9	1	0	20.9	20.3	20.9	20.1	-0.2
CA_41C	ANT 4	Mode B	QPSK	20	2660.2	1	99	20	2680.0	1	0	20.9	20.2	20.9	20.1	-0.1

Note(s):
1. PCC RB allocation setting for UL CA has been adjusted based on the worst-case power.
2. Additional SAR for UL CA PC2 is not required. Test reduction has been applied based on standalone SAR.
3. SAR evaluation for PC2 is only required when its Maximum output power (Tune-up Limit) is higher from PC3.

LTE CA_48C Measured Results

UL CA Combination	Antenna	Power Mode	Modulation	PCC				SCC				Standalone Power		(PCC + SCC) UL CA Power		
				BW (MHz)	Freq	RB	Offset	BW (MHz)	Freq	RB	Offset	Tune-Up Limit (dBm)	UL CA Inactive (dBm)	Tune-Up Limit (dBm)	UL CA active (dBm)	Delta
CA_48C	ANT 7	Mode A	QPSK	20	3615.1	1	99	20	3634.9	1	0	23.9	23.0	23.9	23.0	0.0
CA_48C	ANT 7	Mode B	QPSK	20	3615.1	1	99	20	3634.9	1	0	21.6	20.4	21.6	20.3	-0.1
CA_48C	ANT 8	Mode A	QPSK	20	3670.2	1	99	20	3690.0	1	0	21.5	21.0	21.5	21.0	0.0
CA_48C	ANT 8	Mode B	QPSK	20	3670.2	1	99	20	3690.0	1	0	20.9	20.2	20.9	20.0	-0.2
CA_48C	ANT 8	Mode B	QPSK	20	3670.2	1	99	20	3690.0	1	0	20.9	20.2	20.9	20.0	-0.2
CA_48C	ANT 9	Mode A	QPSK	20	3615.1	1	99	20	3634.9	1	0	21.3	20.7	21.3	20.5	-0.2
CA_48C	ANT 9	Mode B	QPSK	20	3615.1	1	99	20	3634.9	1	0	19.6	19.0	19.6	18.9	-0.1
CA_48C	ANT 4	Mode A	QPSK	20	3670.2	1	99	20	3690.0	1	0	21.0	20.4	21.0	20.3	-0.1
CA_48C	ANT 4	Mode B	QPSK	20	3615.1	1	99	20	3634.9	1	0	22.0	21.1	22.0	21.0	-0.1
CA_48C	ANT 4	Mode B	QPSK	20	3670.2	1	99	20	3690.0	1	0	22.0	21.1	22.0	20.8	-0.3

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

LTE Inter-Band Carrier Aggregation

According to October 2018 TCB workshop, Uplink CA SAR Test Guidance as follows:

- Provide the single uplink SAR values you have obtained for the relevant SAR configurations and frequency bands that employ inter-band uplink carrier aggregation.
- If the single uplink 1-g SAR values for each band are both less than 0.8 W/kg and the algebraic summation of the 1-g SAR values are less than 1.45 W/kg no additional measurements need to be performed.
- If one of the single uplink 1-g SAR values is greater than 0.8 W/kg, instead of algebraically summing the 1-g SAR values, sum up the SAR distributions, similar to the enlarged zoom scan (volume scan) procedures found in FCC KDB Publication 865664 D01 SAR Measurement 100 MHz to 6 GHz v01r04.
- If the algebraic sum of the 1-g SAR values is > 1.45 W/kg additional measurements may have to be made. Submit a KDB inquiry for additional guidance.

Maximum Output Power (Tune-up Limit) and SAR test exemption for LTE UL Carrier Aggregation

The maximum UL CA transmit power is reduced by 3dB from the standalone values for both carriers therefore SAR will be reduced accordingly.

The reported 1g SAR for any standalone LTE configuration does not exceed 1.2 W/kg. The worst case UL CA SAR per band will therefore be <0.6W/kg. As the SAR for each individual band is <0.6 W/kg and the algebraic summation cannot exceed 1.2 W/kg no further measurements are needed.

The combined SAR contribution cannot exceed the highest standalone SAR:

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

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

9.5. LTE Down-Link Carrier Aggregation

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

9.6. 5G NR(FR1)

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

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

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

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

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

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

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

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

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

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

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

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

Output Power for 5G NR (FR1)

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

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

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

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

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

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

RF Air interface	Mode	Maximum Output Power (Tune-up Limit) (dBm)								Tolerance	Target Output Power (dBm)							
		ANT1		ANT2		ANT3		ANT4			ANT1		ANT2		ANT3		ANT4	
		Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	+ / -	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B
NR n2	QPSK	25.0	20.8	18.2	18.8	24.4	19.0	19.2	19.4	0.7 / -1.0	25.7	21.5	18.9	19.5	25.1	19.7	19.9	20.1
NR n5	QPSK	25.0	23.3	21.8	24.0					0.7 / -1.0	25.7	24.0	22.5	24.7				
NR n7	QPSK	24.6	19.0	16.2	17.4	23.8	19.9	18.4	18.1	0.7 / -1.0	25.3	19.7	16.9	18.1	24.5	20.6	19.1	18.8
NR n12	QPSK	25.0	25.0	22.3	24.0					0.7 / -1.0	25.7	25.7	23.0	24.7				
NR n14	QPSK	25.0	24.7	23.0	24.0					0.7 / -1.0	25.7	25.4	23.7	24.7				
NR n25	QPSK	25.0	20.8	18.2	18.8	24.4	19.0	19.2	19.4	0.7 / -1.0	25.7	21.5	18.9	19.5	25.1	19.7	19.9	20.1
NR n26	QPSK	25.0	23.3	21.8	24.0					0.7 / -1.0	25.7	24.0	22.5	24.7				
NR n30	QPSK	25.0	20.7	18.7	19.6	22.9	19.7	17.5	19.0	0.7 / -1.0	25.7	21.4	19.4	20.3	23.6	20.4	18.2	19.7
NR n41 (PC3)	QPSK	24.8	19.5	15.9	17.4	23.9	18.5	18.8	18.2	0.7 / -1.0	25.5	20.2	16.6	18.1	24.6	19.2	19.5	18.9
NR n41 (PC2)	QPSK	24.8	19.5	15.9	17.4	23.9	18.5	18.8	18.2	0.7 / -1.0	25.5	20.2	16.6	18.1	24.6	19.2	19.5	18.9
NR n53	QPSK	20.0	19.5	15.9	17.4					0.7 / -1.0	20.7	20.2	16.6	18.1				
NR n66	QPSK	24.5	18.4	18.5	18.9	24.5	20.0	19.6	19.7	0.7 / -1.0	25.2	19.1	19.2	19.6	25.2	20.7	20.3	20.4
NR n70	QPSK	24.5	18.4	18.5	18.9	24.5	20.0	19.6	19.7	0.7 / -1.0	25.2	19.1	19.2	19.6	25.2	20.7	20.3	20.4
NR n71	QPSK	25.0	25.0	22.4	24.0					0.7 / -1.0	25.7	25.7	23.1	24.7				
RF Air interface	Mode	Maximum Output Power (Tune-up Limit) (dBm)								Tolerance	Target Output Power (dBm)							
		ANT7		ANT8		ANT9		ANT4			ANT7		ANT8		ANT9		ANT4	
		Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	+ / -	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B
NR n77 (PC3)	QPSK	21.6	17.7	19.0	17.7	21.5	16.5	18.7	18.5	1.0 / -1.0	22.6	18.7	20.0	18.7	22.5	17.5	19.7	19.5
NR n77 (PC2)	QPSK	21.6	17.7	19.0	17.7	21.5	16.5	18.7	18.5	1.0 / -1.0	22.6	18.7	20.0	18.7	22.5	17.5	19.7	19.5

NR Band 5 Measured Results (ANT1)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						[redacted]	167300	[redacted]	MPR	Tune-up Limit	[redacted]	167300	[redacted]	MPR	Tune-up Limit
							836.5 MHz					836.5 MHz			
20	DFT-s	15	π/2 BPSK	1	1		25.1		0	25.7		23.5		0	24
				1	52		25.2		0	25.7		23.4		0	24
				1	104		25.0		0	25.7		23.5		0	24
				50	25		25.2		0	25.7		23.5		0	24
			QPSK	1	1		25.2		0	25.7		23.5		0	24
				1	52		25.0		0	25.7		23.3		0	24
				1	104		25.0		0	25.7		23.5		0	24
				50	25		24.9		0	25.7		23.4		0	24
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						[redacted]	167300	[redacted]	MPR	Tune-up Limit	[redacted]	167300	[redacted]	MPR	Tune-up Limit
							836.5 MHz					836.5 MHz			
15	DFT-s	15	π/2 BPSK	1	1		25.1		0	25.7		23.4		0	24
				1	39		24.9		0	25.7		23.4		0	24
				1	77		25.1		0	25.7		23.4		0	24
				36	18		24.9		0	25.7		23.4		0	24
			QPSK	1	1		25.0		0	25.7		23.3		0	24
				1	39		25.1		0	25.7		23.3		0	24
				1	77		25.0		0	25.7		23.3		0	24
				36	18		25.0		0	25.7		23.4		0	24
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						[redacted]	167300	[redacted]	MPR	Tune-up Limit	[redacted]	167300	[redacted]	MPR	Tune-up Limit
							836.5 MHz					836.5 MHz			
10	DFT-s	15	π/2 BPSK	1	1		25.1		0	25.7		23.4		0	24
				1	25		25.1		0	25.7		23.4		0	24
				1	50		25.1		0	25.7		23.4		0	24
				25	12		25.2		0	25.7		23.4		0	24
			QPSK	1	1		25.0		0	25.7		23.3		0	24
				1	25		25.1		0	25.7		23.5		0	24
				1	50		24.9		0	25.7		23.3		0	24
				25	12		25.2		0	25.7		23.5		0	24
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						165300	167300	169300	MPR	Tune-up Limit	165300	167300	169300	MPR	Tune-up Limit
						826.5 MHz	836.5 MHz	846.5 MHz			826.5 MHz	836.5 MHz	846.5 MHz		
5	DFT-s	15	π/2 BPSK	1	1	24.9	24.9	25.2	0	25.7	23.4	23.3	23.3	0	24
				1	12	24.9	25.2	25.2	0	25.7	23.3	23.5	23.5	0	24
				1	23	25.2	25.1	25.2	0	25.7	23.4	23.4	23.3	0	24
				12	6	25.0	25.1	25.0	0	25.7	23.3	23.5	23.3	0	24
			QPSK	1	1	24.9	25.2	24.9	0	25.7	23.4	23.4	23.4	0	24
				1	12	25.0	25.1	25.0	0	25.7	23.5	23.4	23.3	0	24
				1	23	25.1	25.1	25.0	0	25.7	23.4	23.4	23.4	0	24
				12	6	24.9	25.0	25.0	0	25.7	23.4	23.4	23.3	0	24

NR Band 5 Measured Results (ANT2)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)				Power Mode B (dBm)			
						167300	MPR	Tune-up Limit		167300	MPR	Tune-up Limit	
						836.5 MHz				836.5 MHz			
20	DFT-s	15	π/2 BPSK	1	1	21.8	0	22.5		24.2	0	24.7	
				1	52	21.8	0	22.5		24.3	0	24.7	
				1	104	21.8	0	22.5		24.1	0	24.7	
				50	25	21.8	0	22.5		24.3	0	24.7	
			QPSK	1	1	21.8	0	22.5		24.2	0	24.7	
				1	52	21.8	0	22.5		24.2	0	24.7	
				1	104	21.8	0	22.5		24.1	0	24.7	
				50	25	21.8	0	22.5		24.2	0	24.7	

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)				Power Mode B (dBm)			
						167300	MPR	Tune-up Limit		167300	MPR	Tune-up Limit	
						836.5 MHz				836.5 MHz			
15	DFT-s	15	π/2 BPSK	1	1	21.8	0	22.5		24.0	0	24.7	
				1	39	21.8	0	22.5		24.0	0	24.7	
				1	77	21.8	0	22.5		24.0	0	24.7	
				36	18	21.8	0	22.5		24.0	0	24.7	
			QPSK	1	1	21.8	0	22.5		24.0	0	24.7	
				1	39	21.8	0	22.5		24.0	0	24.7	
				1	77	21.8	0	22.5		24.0	0	24.7	
				36	18	21.8	0	22.5		24.0	0	24.7	

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)				Power Mode B (dBm)			
						167300	MPR	Tune-up Limit		167300	MPR	Tune-up Limit	
						836.5 MHz				836.5 MHz			
10	DFT-s	15	π/2 BPSK	1	1	21.8	0	22.5		24.0	0	24.7	
				1	25	21.8	0	22.5		24.0	0	24.7	
				1	50	21.8	0	22.5		24.0	0	24.7	
				25	12	21.8	0	22.5		24.0	0	24.7	
			QPSK	1	1	21.8	0	22.5		24.0	0	24.7	
				1	25	21.8	0	22.5		24.0	0	24.7	
				1	50	21.8	0	22.5		24.0	0	24.7	
				25	12	21.8	0	22.5		24.0	0	24.7	

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						165300	167300	169300	MPR	Tune-up Limit	165300	167300	169300	MPR	Tune-up Limit
						826.5 MHz	836.5 MHz	846.5 MHz			826.5 MHz	836.5 MHz	846.5 MHz		
5	DFT-s	15	π/2 BPSK	1	1	21.8	21.8	21.8	0	22.5	24.0	24.0	24.0	0	24.7
				1	12	21.8	21.8	21.8	0	22.5	24.0	24.0	24.0	0	24.7
				1	23	21.8	21.8	21.8	0	22.5	24.0	24.0	24.0	0	24.7
				12	6	21.8	21.8	21.8	0	22.5	24.0	24.0	24.0	0	24.7
			QPSK	1	1	21.8	21.8	21.8	0	22.5	24.0	24.0	24.0	0	24.7
				1	12	21.8	21.8	21.8	0	22.5	24.0	24.0	24.0	0	24.7
				1	23	21.8	21.8	21.8	0	22.5	24.0	24.0	24.0	0	24.7
				12	6	21.8	21.8	21.8	0	22.5	24.0	24.0	24.0	0	24.7

NR Band 7 Measured Results (ANT1)

BW (MHz)	OFDM Modulation Scheme	Mode	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						[redacted]	507000	[redacted]	MPR	Tune-up Limit	[redacted]	507000	[redacted]	MPR	Tune-up Limit
							2535 MHz					2535 MHz			
40	DFT-s	15	π/2 BPSK	1	1		25.0		0	25.3		19.7		0	19.7
				1	107		25.1		0	25.3		19.7		0	19.7
				1	214		25.1		0	25.3		19.7		0	19.7
				108	54		25.1		0	25.3		19.6		0	19.7
			QPSK	1	1		24.9		0	25.3		19.7		0	19.7
				1	107		24.9		0	25.3		19.6		0	19.7
				1	214		25.0		0	25.3		19.7		0	19.7
				108	54		24.8		0	25.3		19.6		0	19.7

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						[redacted]	507000	[redacted]	MPR	Tune-up Limit	[redacted]	507000	[redacted]	MPR	Tune-up Limit
							2535 MHz					2535 MHz			
30	DFT-s	15	π/2 BPSK	1	1		24.9		0	25.3		19.4		0	19.7
				1	79		25.1		0	25.3		19.2		0	19.7
				1	158		24.9		0	25.3		19.2		0	19.7
				80	40		24.8		0	25.3		19.2		0	19.7
			QPSK	1	1		24.8		0	25.3		19.2		0	19.7
				1	79		24.9		0	25.3		19.3		0	19.7
				1	158		24.9		0	25.3		19.4		0	19.7
				80	40		25.1		0	25.3		19.2		0	19.7

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						[redacted]	507000	[redacted]	MPR	Tune-up Limit	[redacted]	507000	[redacted]	MPR	Tune-up Limit
							2535 MHz					2535 MHz			
25	DFT-s	15	π/2 BPSK	1	1		25.0		0	25.3		19.3		0	19.7
				1	66		25.0		0	25.3		19.3		0	19.7
				1	131		24.8		0	25.3		19.4		0	19.7
				64	32		24.8		0	25.3		19.2		0	19.7
			QPSK	1	1		24.9		0	25.3		19.2		0	19.7
				1	66		24.9		0	25.3		19.3		0	19.7
				1	131		24.9		0	25.3		19.3		0	19.7
				64	32		24.7		0	25.3		19.1		0	19.7

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						502000	507000	512000	MPR	Tune-up Limit	502000	507000	512000	MPR	Tune-up Limit
						2510 MHz	2535 MHz	2560 MHz			2510 MHz	2535 MHz	2560 MHz		
20	DFT-s	15	π/2 BPSK	1	1	24.8	25.0	24.8	0	25.3	19.4	19.1	19.4	0	19.7
				1	52	24.9	24.9	24.7	0	25.3	19.3	19.3	19.5	0	19.7
				1	104	24.9	25.0	24.8	0	25.3	19.3	19.2	19.5	0	19.7
				50	25	25.1	24.8	25.1	0	25.3	19.2	19.3	19.4	0	19.7
			QPSK	1	1	24.9	25.1	25.0	0	25.3	19.4	19.2	19.5	0	19.7
				1	52	24.7	25.1	24.9	0	25.3	19.3	19.3	19.5	0	19.7
				1	104	25.0	24.9	25.0	0	25.3	19.4	19.2	19.5	0	19.7
				50	25	24.8	25.1	25.1	0	25.3	19.2	19.3	19.4	0	19.7

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						501500	507000	512500	MPR	Tune-up Limit	501500	507000	512500	MPR	Tune-up Limit
						2507.5 MHz	2535 MHz	2562.5 MHz			2507.5 MHz	2535 MHz	2562.5 MHz		
15	DFT-s	15	π/2 BPSK	1	1	25.1	25.0	24.8	0	25.3	19.2	19.2	19.4	0	19.7
				1	39	25.1	24.8	25.1	0	25.3	19.1	19.2	19.4	0	19.7
				1	77	25.0	25.0	24.8	0	25.3	19.2	19.3	19.4	0	19.7
				36	18	24.9	24.9	25.0	0	25.3	19.1	19.1	19.3	0	19.7
			QPSK	1	1	24.9	24.8	24.9	0	25.3	19.2	19.3	19.5	0	19.7
				1	39	24.8	24.7	25.0	0	25.3	19.2	19.3	19.4	0	19.7
				1	77	24.9	24.7	24.8	0	25.3	19.2	19.3	19.5	0	19.7
				36	18	24.9	24.9	24.8	0	25.3	19.2	19.2	19.4	0	19.7

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						501000	507000	513000	MPR	Tune-up Limit	501000	507000	513000	MPR	Tune-up Limit
						2505 MHz	2535 MHz	2565 MHz			2505 MHz	2535 MHz	2565 MHz		
10	DFT-s	15	π/2 BPSK	1	1	24.7	24.8	25.0	0	25.3	19.2	19.2	19.2	0	19.7
				1	25	24.8	24.8	24.8	0	25.3	19.2	19.2	19.2	0	19.7
				1	50	24.9	24.9	24.7	0	25.3	19.2	19.3	19.3	0	19.7
				25	12	24.7	25.1	24.8	0	25.3	19.2	19.2	19.2	0	19.7
			QPSK	1	1	25.1	24.9	24.8	0	25.3	19.2	19.3	19.3	0	19.7
				1	25	24.8	24.7	24.8	0	25.3	19.2	19.3	19.3	0	19.7
				1	50	25.0	24.7	24.8	0	25.3	19.2	19.4	19.3	0	19.7
				25	12	24.9	24.7	25.0	0	25.3	19.2	19.2	19.2	0	19.7

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						500500	507000	513500	MPR	Tune-up Limit	500500	507000	513500	MPR	Tune-up Limit
						2502.5 MHz	2535 MHz	2567.5 MHz			2502.5 MHz	2535 MHz	2567.5 MHz		
5	DFT-s	15	π/2 BPSK	1	1	25.0	24.9	24.8	0	25.3	19.2	19.1	19.2	0	19.7
				1	12	24.9	25.0	25.1	0	25.3	19.2	19.1	19.3	0	19.7
				1	23	25.0	24.8	25.1	0	25.3	19.3	19.3	19.3	0	19.7
				12	6	25.0	25.0	25.0	0	25.3	19.2	19.2	19.2	0	19.7
			QPSK	1	1	25.0	25.1	25.1	0	25.3	19.2	19.1	19.2	0	19.7
				1	12	24.9	24.8	24.9	0	25.3	19.2	19.1	19.2	0	19.7
				1	23	25.0	24.8	24.8	0	25.3	19.2	19.2	19.3	0	19.7
				12	6	25.0	25.0	25.1	0	25.3	19.3	19.2	19.2	0	19.7

NR Band 7 Measured Results (ANT2)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						[redacted]	507000	[redacted]	MPR	Tune-up Limit	[redacted]	507000	[redacted]	MPR	Tune-up Limit
							2535 MHz					2535 MHz			
50	DFT-s	15	π/2 BPSK	1	1		16.3		0	16.9		17.4		0	18.1
				1	134		16.4		0	16.9		17.5		0	18.1
				1	268		16.4		0	16.9		17.3		0	18.1
				135	67		16.4		0	16.9		17.5		0	18.1
			QPSK	1	1		16.2		0	16.9		17.2		0	18.1
				1	134		16.3		0	16.9		17.3		0	18.1
				1	268		16.3		0	16.9		17.1		0	18.1
				135	67		16.2		0	16.9		17.3		0	18.1
BW (MHz)	OFDM Modulation Scheme	Mode	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						[redacted]	507000	[redacted]	MPR	Tune-up Limit	[redacted]	507000	[redacted]	MPR	Tune-up Limit
							2535 MHz					2535 MHz			
40	DFT-s	15	π/2 BPSK	1	1		16.2		0	16.9		17.4		0	18.1
				1	107		16.2		0	16.9		17.4		0	18.1
				1	214		16.2		0	16.9		17.4		0	18.1
				108	54		16.2		0	16.9		17.4		0	18.1
			QPSK	1	1		16.2		0	16.9		17.4		0	18.1
				1	107		16.2		0	16.9		17.4		0	18.1
				1	214		16.2		0	16.9		17.4		0	18.1
				108	54		16.2		0	16.9		17.4		0	18.1
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						[redacted]	507000	[redacted]	MPR	Tune-up Limit	[redacted]	507000	[redacted]	MPR	Tune-up Limit
							2535 MHz					2535 MHz			
30	DFT-s	15	π/2 BPSK	1	1		16.2		0	16.9		17.4		0	18.1
				1	79		16.2		0	16.9		17.4		0	18.1
				1	158		16.2		0	16.9		17.4		0	18.1
				80	40		16.2		0	16.9		17.4		0	18.1
			QPSK	1	1		16.2		0	16.9		17.4		0	18.1
				1	79		16.2		0	16.9		17.4		0	18.1
				1	158		16.2		0	16.9		17.4		0	18.1
				80	40		16.2		0	16.9		17.4		0	18.1
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						[redacted]	507000	[redacted]	MPR	Tune-up Limit	[redacted]	507000	[redacted]	MPR	Tune-up Limit
							2535 MHz					2535 MHz			
25	DFT-s	15	π/2 BPSK	1	1		16.2		0	16.9		17.4		0	18.1
				1	66		16.2		0	16.9		17.4		0	18.1
				1	131		16.2		0	16.9		17.4		0	18.1
				64	32		16.2		0	16.9		17.4		0	18.1
			QPSK	1	1		16.2		0	16.9		17.4		0	18.1
				1	66		16.2		0	16.9		17.4		0	18.1
				1	131		16.2		0	16.9		17.4		0	18.1
				64	32		16.2		0	16.9		17.3		0	18.1
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						502000	507000	512000	MPR	Tune-up Limit	502000	507000	512000	MPR	Tune-up Limit
						2510 MHz	2535 MHz	2560 MHz			2510 MHz	2535 MHz	2560 MHz		
20	DFT-s	15	π/2 BPSK	1	1	16.2	16.2	16.2	0	16.9	17.4	17.4	17.4	0	18.1
				1	52	16.2	16.2	16.2	0	16.9	17.4	17.4	17.4	0	18.1
				1	104	16.2	16.1	16.2	0	16.9	17.4	17.4	17.4	0	18.1
				50	25	16.2	16.2	16.2	0	16.9	17.4	17.4	17.4	0	18.1
			QPSK	1	1	16.2	16.2	16.2	0	16.9	17.4	17.4	17.4	0	18.1
				1	52	16.2	16.2	16.2	0	16.9	17.4	17.3	17.4	0	18.1
				1	104	16.2	16.2	16.2	0	16.9	17.4	17.4	17.4	0	18.1
				50	25	16.2	16.2	16.2	0	16.9	17.4	17.3	17.4	0	18.1
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						501500	507000	512500	MPR	Tune-up Limit	501500	507000	512500	MPR	Tune-up Limit
						2507.5 MHz	2535 MHz	2562.5 MHz			2507.5 MHz	2535 MHz	2562.5 MHz		
15	DFT-s	15	π/2 BPSK	1	1	16.2	16.2	16.2	0	16.9	17.8	17.7	17.8	0	18.1
				1	39	16.2	16.2	16.2	0	16.9	17.8	17.8	17.8	0	18.1
				1	77	16.2	16.2	16.2	0	16.9	17.9	17.8	17.9	0	18.1
				36	18	16.2	16.2	16.2	0	16.9	17.8	17.7	17.7	0	18.1
			QPSK	1	1	16.2	16.2	16.2	0	16.9	17.8	17.9	17.8	0	18.1
				1	39	16.2	16.2	16.2	0	16.9	17.8	17.8	17.8	0	18.1
				1	77	16.2	16.2	16.2	0	16.9	17.8	17.8	18.0	0	18.1
				36	18	16.2	16.2	16.2	0	16.9	17.7	17.8	17.8	0	18.1
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						501000	507000	513000	MPR	Tune-up Limit	501000	507000	513000	MPR	Tune-up Limit
						2505 MHz	2535 MHz	2565 MHz			2505 MHz	2535 MHz	2565 MHz		
10	DFT-s	15	π/2 BPSK	1	1	16.2	16.2	16.2	0	16.9	17.7	17.6	17.6	0	18.1
				1	25	16.2	16.2	16.2	0	16.9	17.7	17.7	17.6	0	18.1
				1	50	16.2	16.2	16.2	0	16.9	17.7	17.7	17.8	0	18.1
				25	12	16.2	16.2	16.2	0	16.9	17.6	17.6	17.6	0	18.1
			QPSK	1	1	16.2	16.1	16.2	0	16.9	17.7	17.7	17.6	0	18.1
				1	25	16.2	16.2	16.2	0	16.9	17.7	17.7	17.6	0	18.1
				1	50	16.2	16.2	16.2	0	16.9	17.7	17.7	17.8	0	18.1
				25	12	16.2	16.2	16.2	0	16.9	17.6	17.7	17.7	0	18.1
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						500500	507000	513500	MPR	Tune-up Limit	500500	507000	513500	MPR	Tune-up Limit
						2502.5 MHz	2535 MHz	2567.5 MHz			2502.5 MHz	2535 MHz	2567.5 MHz		
5	DFT-s	15	π/2 BPSK	1	1	16.2	16.2	16.2	0	16.9	17.7	17.7	17.6	0	18.1
				1	12	16.2	16.2	16.2	0	16.9	17.7	17.7	17.6	0	18.1
				1	23	16.2	16.2	16.2	0	16.9	17.7	17.7	17.8	0	18.1
				12	6	16.2	16.2	16.2	0	16.9	17.7	17.7	17.6	0	18.1
			QPSK	1	1	16.2	16.2	16.2	0	16.9	17.7	17.7	17.6	0	18.1
				1	12	16.2	16.2	16.2	0	16.9	17.7	17.7	17.6	0	18.1
				1	23	16.2	16.2	16.2	0	16.9	17.7	17.7	17.9	0	18.1
				12	6	16.2	16.2	16.2	0	16.9	17.7	17.6	17.6	0	18.1

NR Band 7 Measured Results (ANT3)

BW (MHz)	OFDM Modulation Scheme	Mode	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
							507000		MPR	Tune-up Limit		507000		MPR	Tune-up Limit
							2535 MHz					2535 MHz			
40	DFT-s	15	π/2 BPSK	1	1		24.3		0	24.5		20.4		0	20.6
				1	107		24.3		0	24.5		20.5		0	20.6
				1	214		24.3		0	24.5		20.4		0	20.6
				108	54		24.3		0	24.5		20.4		0	20.6
			QPSK	1	1		24.3		0	24.5		20.4		0	20.6
				1	107		24.3		0	24.5		20.3		0	20.6
				1	214		24.3		0	24.5		20.4		0	20.6
				108	54		24.3		0	24.5		20.2		0	20.6

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
							507000		MPR	Tune-up Limit		507000		MPR	Tune-up Limit
							2535 MHz					2535 MHz			
30	DFT-s	15	π/2 BPSK	1	1		24.3		0	24.5		20.2		0	20.6
				1	79		24.3		0	24.5		20.4		0	20.6
				1	158		24.1		0	24.5		20.4		0	20.6
				80	40		24.2		0	24.5		20.4		0	20.6
			QPSK	1	1		24.2		0	24.5		20.3		0	20.6
				1	79		24.3		0	24.5		20.2		0	20.6
				1	158		24.1		0	24.5		20.3		0	20.6
				80	40		24.1		0	24.5		20.3		0	20.6

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
							507000		MPR	Tune-up Limit		507000		MPR	Tune-up Limit
							2535 MHz					2535 MHz			
25	DFT-s	15	π/2 BPSK	1	1		24.3		0	24.5		20.4		0	20.6
				1	66		24.2		0	24.5		20.4		0	20.6
				1	131		24.1		0	24.5		20.3		0	20.6
				64	32		24.3		0	24.5		20.2		0	20.6
			QPSK	1	1		24.2		0	24.5		20.4		0	20.6
				1	66		24.2		0	24.5		20.4		0	20.6
				1	131		24.1		0	24.5		20.3		0	20.6
				64	32		24.2		0	24.5		20.4		0	20.6

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						502000	507000	512000	MPR	Tune-up Limit	502000	507000	512000	MPR	Tune-up Limit
						2510 MHz	2535 MHz	2560 MHz			2510 MHz	2535 MHz	2560 MHz		
20	DFT-s	15	π/2 BPSK	1	1	24.3	24.3	24.2	0	24.5	20.2	20.3	20.2	0	20.6
				1	52	24.3	24.1	24.1	0	24.5	20.3	20.3	20.3	0	20.6
				1	104	24.2	24.2	24.1	0	24.5	20.2	20.4	20.3	0	20.6
				50	25	24.2	24.1	24.1	0	24.5	20.4	20.4	20.4	0	20.6
			QPSK	1	1	24.3	24.1	24.2	0	24.5	20.2	20.3	20.3	0	20.6
				1	52	24.3	24.3	24.2	0	24.5	20.3	20.3	20.3	0	20.6
				1	104	24.1	24.2	24.2	0	24.5	20.4	20.2	20.3	0	20.6
				50	25	24.2	24.3	24.3	0	24.5	20.2	20.3	20.4	0	20.6

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						501500	507000	512500	MPR	Tune-up Limit	501500	507000	512500	MPR	Tune-up Limit
						2507.5 MHz	2535 MHz	2562.5 MHz			2507.5 MHz	2535 MHz	2562.5 MHz		
15	DFT-s	15	π/2 BPSK	1	1	24.2	24.1	24.2	0	24.5	20.4	20.4	20.3	0	20.6
				1	39	24.2	24.3	24.2	0	24.5	20.3	20.3	20.4	0	20.6
				1	77	24.2	24.2	24.1	0	24.5	20.2	20.3	20.3	0	20.6
				36	18	24.1	24.2	24.1	0	24.5	20.3	20.2	20.4	0	20.6
			QPSK	1	1	24.2	24.2	24.3	0	24.5	20.3	20.3	20.2	0	20.6
				1	39	24.2	24.1	24.2	0	24.5	20.4	20.3	20.2	0	20.6
				1	77	24.2	24.2	24.3	0	24.5	20.4	20.3	20.3	0	20.6
				36	18	24.2	24.2	24.2	0	24.5	20.2	20.4	20.3	0	20.6

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						501000	507000	513000	MPR	Tune-up Limit	501000	507000	513000	MPR	Tune-up Limit
						2505 MHz	2535 MHz	2565 MHz			2505 MHz	2535 MHz	2565 MHz		
10	DFT-s	15	π/2 BPSK	1	1	24.1	24.1	24.2	0	24.5	20.3	20.3	20.2	0	20.6
				1	25	24.1	24.2	24.1	0	24.5	20.4	20.3	20.2	0	20.6
				1	50	24.2	24.2	24.3	0	24.5	20.4	20.3	20.3	0	20.6
				25	12	24.2	24.3	24.3	0	24.5	20.2	20.4	20.3	0	20.6
			QPSK	1	1	24.1	24.1	24.1	0	24.5	20.3	20.4	20.3	0	20.6
				1	25	24.3	24.3	24.3	0	24.5	20.2	20.3	20.4	0	20.6
				1	50	24.2	24.2	24.2	0	24.5	20.3	20.3	20.2	0	20.6
				25	12	24.1	24.2	24.1	0	24.5	20.3	20.4	20.3	0	20.6

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						500500	507000	513500	MPR	Tune-up Limit	500500	507000	513500	MPR	Tune-up Limit
						2502.5 MHz	2535 MHz	2567.5 MHz			2502.5 MHz	2535 MHz	2567.5 MHz		
5	DFT-s	15	π/2 BPSK	1	1	24.2	24.2	24.3	0	24.5	20.4	20.3	20.2	0	20.6
				1	12	24.2	24.2	24.3	0	24.5	20.4	20.3	20.2	0	20.6
				1	23	24.3	24.3	24.1	0	24.5	20.2	20.3	20.3	0	20.6
				12	6	24.1	24.1	24.2	0	24.5	20.3	20.4	20.2	0	20.6
			QPSK	1	1	24.2	24.1	24.2	0	24.5	20.3	20.3	20.2	0	20.6
				1	12	24.3	24.1	24.2	0	24.5	20.3	20.2	20.2	0	20.6
				1	23	24.2	24.2	24.3	0	24.5	20.3	20.4	20.2	0	20.6
				12	6	24.1	24.3	24.3	0	24.5	20.2	20.2	20.3	0	20.6

NR Band 7 Measured Results (ANT4)

BW (MHz)	OFDM Modulation Scheme	Mode	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
							507000		MPR	Tune-up Limit		507000		MPR	Tune-up Limit
							2535 MHz					2535 MHz			
40	DFT-s	15	π/2 BPSK	1	1		18.4		0	19.1		18.4		0	18.8
				1	107		18.5		0	19.1		18.5		0	18.8
				1	214		18.3		0	19.1		18.3		0	18.8
				108	54		18.5		0	19.1		18.5		0	18.8
			QPSK	1	1		18.5		0	19.1		18.5		0	18.8
				1	107		18.5		0	19.1		18.5		0	18.8
				1	214		18.0		0	19.1		18.0		0	18.8
				108	54		18.2		0	19.1		18.2		0	18.8

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
							507000		MPR	Tune-up Limit		507000		MPR	Tune-up Limit
							2535 MHz					2535 MHz			
30	DFT-s	15	π/2 BPSK	1	1		18.3		0	19.1		18.3		0	18.8
				1	79		18.3		0	19.1		18.3		0	18.8
				1	158		18.4		0	19.1		18.4		0	18.8
				80	40		18.1		0	19.1		18.1		0	18.8
			QPSK	1	1		18.0		0	19.1		18.0		0	18.8
				1	79		18.1		0	19.1		18.1		0	18.8
				1	158		18.4		0	19.1		18.4		0	18.8
				80	40		18.1		0	19.1		18.1		0	18.8

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
							507000		MPR	Tune-up Limit		507000		MPR	Tune-up Limit
							2535 MHz					2535 MHz			
25	DFT-s	15	π/2 BPSK	1	1		18.1		0	19.1		18.1		0	18.8
				1	66		18.2		0	19.1		18.2		0	18.8
				1	131		18.4		0	19.1		18.4		0	18.8
				64	32		18.4		0	19.1		18.4		0	18.8
			QPSK	1	1		18.4		0	19.1		18.4		0	18.8
				1	66		18.1		0	19.1		18.1		0	18.8
				1	131		18.3		0	19.1		18.3		0	18.8
				64	32		18.2		0	19.1		18.2		0	18.8

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						502000	507000	512000	MPR	Tune-up Limit	502000	507000	512000	MPR	Tune-up Limit
						2510 MHz	2535 MHz	2560 MHz			2510 MHz	2535 MHz	2560 MHz		
20	DFT-s	15	π/2 BPSK	1	1	18.1	18.4	18.3	0	19.1	18.1	18.4	18.3	0	18.8
				1	52	18.1	18.2	18.3	0	19.1	18.1	18.2	18.3	0	18.8
				1	104	18.3	18.3	18.3	0	19.1	18.3	18.3	18.3	0	18.8
				50	25	18.5	18.2	18.4	0	19.1	18.5	18.2	18.4	0	18.8
			QPSK	1	1	18.4	18.4	18.5	0	19.1	18.4	18.4	18.5	0	18.8
				1	52	18.0	18.4	18.0	0	19.1	18.0	18.4	18.0	0	18.8
				1	104	18.0	18.3	18.3	0	19.1	18.0	18.3	18.3	0	18.8
				50	25	18.3	18.5	18.3	0	19.1	18.3	18.5	18.3	0	18.8

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						501500	507000	512500	MPR	Tune-up Limit	501500	507000	512500	MPR	Tune-up Limit
						2507.5 MHz	2535 MHz	2562.5 MHz			2507.5 MHz	2535 MHz	2562.5 MHz		
15	DFT-s	15	π/2 BPSK	1	1	18.0	18.0	18.3	0	19.1	18.0	18.0	18.3	0	18.8
				1	39	18.4	18.1	18.3	0	19.1	18.4	18.1	18.3	0	18.8
				1	77	18.3	18.3	18.4	0	19.1	18.3	18.3	18.4	0	18.8
				36	18	18.1	18.1	18.2	0	19.1	18.1	18.1	18.2	0	18.8
			QPSK	1	1	18.2	18.4	18.2	0	19.1	18.2	18.4	18.2	0	18.8
				1	39	18.3	18.1	18.4	0	19.1	18.3	18.1	18.4	0	18.8
				1	77	18.1	18.5	18.4	0	19.1	18.1	18.5	18.4	0	18.8
				36	18	18.2	18.2	18.2	0	19.1	18.2	18.2	18.2	0	18.8

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						501000	507000	513000	MPR	Tune-up Limit	501000	507000	513000	MPR	Tune-up Limit
						2505 MHz	2535 MHz	2565 MHz			2505 MHz	2535 MHz	2565 MHz		
10	DFT-s	15	π/2 BPSK	1	1	18.2	18.3	18.0	0	19.1	18.2	18.3	18.0	0	18.8
				1	25	18.3	18.0	18.1	0	19.1	18.3	18.0	18.1	0	18.8
				1	50	18.4	18.4	18.4	0	19.1	18.4	18.4	18.4	0	18.8
				25	12	18.3	18.3	18.3	0	19.1	18.3	18.3	18.3	0	18.8
			QPSK	1	1	18.4	18.0	18.3	0	19.1	18.4	18.0	18.3	0	18.8
				1	25	18.2	18.1	18.2	0	19.1	18.2	18.1	18.2	0	18.8
				1	50	18.5	18.1	18.0	0	19.1	18.5	18.1	18.0	0	18.8
				25	12	18.4	18.4	18.3	0	19.1	18.4	18.4	18.3	0	18.8

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						500500	507000	513500	MPR	Tune-up Limit	500500	507000	513500	MPR	Tune-up Limit
						2502.5 MHz	2535 MHz	2567.5 MHz			2502.5 MHz	2535 MHz	2567.5 MHz		
5	DFT-s	15	π/2 BPSK	1	1	18.2	18.2	18.4	0	19.1	18.2	18.2	18.4	0	18.8
				1	12	18.2	18.1	18.1	0	19.1	18.2	18.1	18.1	0	18.8
				1	23	18.1	18.1	18.5	0	19.1	18.1	18.1	18.5	0	18.8
				12	6	18.3	18.5	18.2	0	19.1	18.3	18.5	18.2	0	18.8
			QPSK	1	1	18.2	18.4	18.1	0	19.1	18.2	18.4	18.1	0	18.8
				1	12	18.1	18.5	18.4	0	19.1	18.1	18.5	18.4	0	18.8
				1	23	18.2	18.3	18.1	0	19.1	18.2	18.3	18.1	0	18.8
				12	6	18.3	18.2	18.4	0	19.1	18.3	18.2	18.4	0	18.8

NR Band 12 Measured Results (ANT1)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)				Power Mode B (dBm)			
						141500	MPR	Tune-up Limit		141500	MPR	Tune-up Limit	
						707.5 MHz				707.5 MHz			
15	DFT-s	15	π/2 BPSK	1	1	25.2	0	25.7		25.2	0	25.7	
				1	39	25.2	0	25.7		25.2	0	25.7	
				1	77	25.1	0	25.7		25.1	0	25.7	
				36	18	25.0	0	25.7		25.0	0	25.7	
			QPSK	1	1	25.2	0	25.7		25.2	0	25.7	
				1	39	25.1	0	25.7		25.1	0	25.7	
				1	77	25.0	0	25.7		25.0	0	25.7	
				36	18	25.0	0	25.7		25.0	0	25.7	
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)				Power Mode B (dBm)			
						141500	MPR	Tune-up Limit		141500	MPR	Tune-up Limit	
						707.5 MHz				707.5 MHz			
10	DFT-s	15	π/2 BPSK	1	1	25.0	0	25.7		25.0	0	25.7	
				1	25	24.9	0	25.7		24.9	0	25.7	
				1	50	25.0	0	25.7		25.0	0	25.7	
				25	12	24.9	0	25.7		24.9	0	25.7	
			QPSK	1	1	25.0	0	25.7		25.0	0	25.7	
				1	25	24.9	0	25.7		24.9	0	25.7	
				1	50	25.0	0	25.7		25.0	0	25.7	
				25	12	24.9	0	25.7		24.9	0	25.7	
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)				Power Mode B (dBm)			
						140300	141500	142700	MPR	Tune-up Limit	140300	141500	142700	MPR	Tune-up Limit
						701.5 MHz	707.5 MHz	713.5 MHz			701.5 MHz	707.5 MHz	713.5 MHz		
5	DFT-s	15	π/2 BPSK	1	1	25.0	24.9	24.9	0	25.7	25.0	24.9	24.9	0	25.7
				1	12	25.0	24.8	24.9	0	25.7	25.0	24.8	24.9	0	25.7
				1	23	24.9	24.9	24.8	0	25.7	24.9	24.9	24.8	0	25.7
				12	6	25.0	24.8	25.0	0	25.7	25.0	24.8	25.0	0	25.7
			QPSK	1	1	25.0	24.8	25.0	0	25.7	25.0	24.8	25.0	0	25.7
				1	12	25.0	24.8	25.0	0	25.7	25.0	24.8	25.0	0	25.7
				1	23	25.0	24.8	24.8	0	25.7	25.0	24.8	24.8	0	25.7
				12	6	25.0	24.8	24.9	0	25.7	25.0	24.8	24.9	0	25.7

NR Band 12 Measured Results (ANT2)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)				Power Mode B (dBm)			
						141500	MPR	Tune-up Limit		141500	MPR	Tune-up Limit	
						707.5 MHz				707.5 MHz			
15	DFT-s	15	π/2 BPSK	1	1	22.0	0	23		24.2	0	24.7	
				1	39	22.3	0	23		24.3	0	24.7	
				1	77	21.9	0	23		24.1	0	24.7	
				36	18	22.3	0	23		24.2	0	24.7	
			QPSK	1	1	22.0	0	23		24.2	0	24.7	
				1	39	21.8	0	23		23.9	0	24.7	
				1	77	22.0	0	23		24.1	0	24.7	
				36	18	21.7	0	23		24.0	0	24.7	
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)				Power Mode B (dBm)			
						141500	MPR	Tune-up Limit		141500	MPR	Tune-up Limit	
						707.5 MHz				707.5 MHz			
10	DFT-s	15	π/2 BPSK	1	1	22.2	0	23		24.0	0	24.7	
				1	25	22.2	0	23		24.1	0	24.7	
				1	50	22.3	0	23		24.1	0	24.7	
				25	12	22.3	0	23		23.9	0	24.7	
			QPSK	1	1	22.2	0	23		24.0	0	24.7	
				1	25	22.2	0	23		24.1	0	24.7	
				1	50	22.2	0	23		24.1	0	24.7	
				25	12	22.3	0	23		23.9	0	24.7	
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)				Power Mode B (dBm)			
						140300	141500	142700	MPR	Tune-up Limit	140300	141500	142700	MPR	Tune-up Limit
						701.5 MHz	707.5 MHz	713.5 MHz			701.5 MHz	707.5 MHz	713.5 MHz		
5	DFT-s	15	π/2 BPSK	1	1	22.2	22.3	22.0	0	23	24.2	24.0	24.1	0	24.7
				1	12	22.2	22.3	22.0	0	23	24.2	24.0	24.1	0	24.7
				1	23	22.2	22.3	22.0	0	23	24.0	24.0	24.0	0	24.7
				12	6	22.2	22.3	22.0	0	23	24.2	24.0	24.1	0	24.7
			QPSK	1	1	22.3	22.2	21.9	0	23	24.2	23.9	24.1	0	24.7
				1	12	22.3	22.3	22.0	0	23	24.1	23.9	24.0	0	24.7
				1	23	22.2	22.3	22.0	0	23	24.1	23.9	24.0	0	24.7
				12	6	22.2	22.3	22.0	0	23	24.1	24.0	24.1	0	24.7

NR Band 14 Measured Results (ANT1)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
						158600 / 793 MHz	MPR	Tune-up Limit	158600 / 793 MHz	MPR	Tune-up Limit
10	DFT-s	15	π/2 BPSK	1	1	24.8	0	25.7	24.8	0	25.4
				1	25	24.9	0	25.7	24.9	0	25.4
				1	50	24.7	0	25.7	24.7	0	25.4
				25	12	24.8	0	25.7	24.8	0	25.4
			QPSK	1	1	24.6	0	25.7	24.6	0	25.4
				1	25	24.7	0	25.7	24.7	0	25.4
				1	50	24.7	0	25.7	24.7	0	25.4
				25	12	24.7	0	25.7	24.7	0	25.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
						158600 / 793 MHz	MPR	Tune-up Limit	158600 / 793 MHz	MPR	Tune-up Limit
5	DFT-s	15	π/2 BPSK	1	1	24.8	0	25.7	24.3	0	25.4
				1	12	24.9	0	25.7	24.2	0	25.4
				1	23	24.6	0	25.7	24.4	0	25.4
				12	6	24.6	0	25.7	24.2	0	25.4
			QPSK	1	1	24.7	0	25.7	24.3	0	25.4
				1	12	24.7	0	25.7	24.3	0	25.4
				1	23	24.7	0	25.7	24.3	0	25.4
				12	6	24.7	0	25.7	24.3	0	25.4

NR Band 14 Measured Results (ANT2)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
						158600 / 793 MHz	MPR	Tune-up Limit	158600 / 793 MHz	MPR	Tune-up Limit
10	DFT-s	15	π/2 BPSK	1	1	22.9	0	23.7	23.9	0	24.7
				1	25	23.1	0	23.7	24.0	0	24.7
				1	50	23.0	0	23.7	23.8	0	24.7
				25	12	23.0	0	23.7	24.0	0	24.7
			QPSK	1	1	22.9	0	23.7	23.8	0	24.7
				1	25	23.0	0	23.7	23.9	0	24.7
				1	50	23.0	0	23.7	23.8	0	24.7
				25	12	22.8	0	23.7	23.8	0	24.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
						158600 / 793 MHz	MPR	Tune-up Limit	158600 / 793 MHz	MPR	Tune-up Limit
5	DFT-s	15	π/2 BPSK	1	1	22.9	0	23.7	23.9	0	24.7
				1	12	22.9	0	23.7	23.9	0	24.7
				1	23	22.8	0	23.7	23.9	0	24.7
				12	6	22.9	0	23.7	23.8	0	24.7
			QPSK	1	1	22.9	0	23.7	23.9	0	24.7
				1	12	22.9	0	23.7	24.0	0	24.7
				1	23	22.8	0	23.7	23.8	0	24.7
				12	6	22.7	0	23.7	23.8	0	24.7

NR Band 25 Measured Results (ANT1)

BW (MHz)	OFDM Modulation Scheme	Mode	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
							376500		MPR	Tune-up Limit		376500		MPR	Tune-up Limit
							1882.5 MHz					1882.5 MHz			
40	DFT-s	15	π/2 BPSK	1	1		25.2		0	25.7		21.2		0	21.5
				1	107		25.2		0	25.7		21.5		0	21.5
				1	214		25.2		0	25.7		21.5		0	21.5
				108	54		25.2		0	25.7		21.5		0	21.5
			QPSK	1	1		25.2		0	25.7		21.4		0	21.5
				1	107		25.1		0	25.7		21.3		0	21.5
				1	214		25.1		0	25.7		21.5		0	21.5
				108	54		25.1		0	25.7		21.2		0	21.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
							376500		MPR	Tune-up Limit		376500		MPR	Tune-up Limit
							1882.5 MHz					1882.5 MHz			
30	DFT-s	15	π/2 BPSK	1	1		25.2		0	25.7		21.3		0	21.5
				1	79		25.0		0	25.7		21.5		0	21.5
				1	158		25.0		0	25.7		21.3		0	21.5
				80	40		25.0		0	25.7		21.3		0	21.5
			QPSK	1	1		25.1		0	25.7		21.3		0	21.5
				1	79		25.1		0	25.7		21.3		0	21.5
				1	158		25.0		0	25.7		21.3		0	21.5
				80	40		25.0		0	25.7		21.2		0	21.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
							376500		MPR	Tune-up Limit		376500		MPR	Tune-up Limit
							1882.5 MHz					1882.5 MHz			
25	DFT-s	15	π/2 BPSK	1	1		25.1		0	25.7		21.4		0	21.5
				1	66		25.1		0	25.7		21.3		0	21.5
				1	131		25.0		0	25.7		21.4		0	21.5
				64	32		25.0		0	25.7		21.5		0	21.5
			QPSK	1	1		25.0		0	25.7		21.3		0	21.5
				1	66		25.1		0	25.7		21.3		0	21.5
				1	131		25.2		0	25.7		21.3		0	21.5
				64	32		25.0		0	25.7		21.3		0	21.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						372000	376500	381000	MPR	Tune-up Limit	372000	376500	381000	MPR	Tune-up Limit
						1860 MHz	1882.5 MHz	1905 MHz			1860 MHz	1882.5 MHz	1905 MHz		
20	DFT-s	15	π/2 BPSK	1	1	25.1	24.9	25.2	0	25.7	21.4	21.2	21.5	0	21.5
				1	52	25.0	25.0	25.2	0	25.7	21.4	21.4	21.2	0	21.5
				1	104	25.2	25.2	25.0	0	25.7	21.3	21.4	21.2	0	21.5
				50	25	25.1	25.0	25.2	0	25.7	21.3	21.4	21.3	0	21.5
			QPSK	1	1	25.2	25.0	25.1	0	25.7	21.5	21.3	21.4	0	21.5
				1	52	25.2	25.1	25.1	0	25.7	21.2	21.4	21.4	0	21.5
				1	104	25.0	25.1	25.2	0	25.7	21.2	21.4	21.3	0	21.5
				50	25	25.2	25.1	25.2	0	25.7	21.2	21.4	21.4	0	21.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						371500	376500	381500	MPR	Tune-up Limit	371500	376500	381500	MPR	Tune-up Limit
						1857.5 MHz	1882.5 MHz	1907.5 MHz			1857.5 MHz	1882.5 MHz	1907.5 MHz		
15	DFT-s	15	π/2 BPSK	1	1	25.0	25.0	25.0	0	25.7	21.3	21.4	21.5	0	21.5
				1	39	25.1	25.1	24.9	0	25.7	21.5	21.3	21.5	0	21.5
				1	77	25.1	25.1	25.1	0	25.7	21.4	21.4	21.4	0	21.5
				36	18	25.0	25.0	24.9	0	25.7	21.3	21.3	21.4	0	21.5
			QPSK	1	1	25.0	25.1	24.9	0	25.7	21.3	21.4	21.4	0	21.5
				1	39	25.0	25.0	25.1	0	25.7	21.2	21.3	21.4	0	21.5
				1	77	25.1	24.9	24.9	0	25.7	21.4	21.4	21.5	0	21.5
				36	18	25.0	24.9	25.1	0	25.7	21.4	21.3	21.3	0	21.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						371000	376500	382000	MPR	Tune-up Limit	371000	376500	382000	MPR	Tune-up Limit
						1855 MHz	1882.5 MHz	1910 MHz			1855 MHz	1882.5 MHz	1910 MHz		
10	DFT-s	15	π/2 BPSK	1	1	24.9	25.0	25.1	0	25.7	21.5	21.3	21.4	0	21.5
				1	25	25.1	24.9	25.1	0	25.7	21.3	21.5	21.4	0	21.5
				1	50	25.1	25.1	25.0	0	25.7	21.4	21.3	21.4	0	21.5
				25	12	25.0	25.1	25.0	0	25.7	21.2	21.5	21.3	0	21.5
			QPSK	1	1	24.9	25.0	25.1	0	25.7	21.4	21.4	21.3	0	21.5
				1	25	25.2	25.0	25.1	0	25.7	21.4	21.2	21.4	0	21.5
				1	50	25.0	25.0	25.2	0	25.7	21.5	21.2	21.4	0	21.5
				25	12	24.9	25.1	25.0	0	25.7	21.4	21.3	21.5	0	21.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						370500	376500	382500	MPR	Tune-up Limit	370500	376500	382500	MPR	Tune-up Limit
						1852.5 MHz	1882.5 MHz	1912.5 MHz			1852.5 MHz	1882.5 MHz	1912.5 MHz		
5	DFT-s	15	π/2 BPSK	1	1	25.1	25.2	25.0	0	25.7	21.4	21.3	21.3	0	21.5
				1	12	25.1	25.0	25.0	0	25.7	21.5	21.2	21.3	0	21.5
				1	23	24.9	24.9	24.9	0	25.7	21.2	21.2	21.2	0	21.5
				12	6	25.0	25.1	25.0	0	25.7	21.2	21.3	21.2	0	21.5
			QPSK	1	1	25.1	25.1	25.0	0	25.7	21.3	21.3	21.4	0	21.5
				1	12	25.0	24.9	25.1	0	25.7	21.5	21.3	21.4	0	21.5
				1	23	25.1	25.0	25.1	0	25.7	21.5	21.4	21.5	0	21.5
				12	6	25.1	25.2	25.0	0	25.7	21.4	21.4	21.4	0	21.5

NR Band 25 Measured Results (ANT2)

BW (MHz)	OFDM Modulation Scheme	Mode	Mode	RB Allocation	RB offset	Power Mode A (dBm)				Power Mode B (dBm)			
						376500	MPR	Tune-up Limit		376500	MPR	Tune-up Limit	
						1882.5 MHz				1882.5 MHz			
40	DFT-s	15	π/2 BPSK	1	1	18.6	0	18.9		19.1	0	19.5	
				1	107	18.6	0	18.9		19.2	0	19.5	
				1	214	18.4	0	18.9		19.0	0	19.5	
				108	54	18.5	0	18.9		19.1	0	19.5	
			QPSK	1	1	18.6	0	18.9		19.0	0	19.5	
				1	107	18.6	0	18.9		19.0	0	19.5	
				1	214	18.5	0	18.9		18.8	0	19.5	
				108	54	18.5	0	18.9		18.9	0	19.5	

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)				Power Mode B (dBm)			
						376500	MPR	Tune-up Limit		376500	MPR	Tune-up Limit	
						1882.5 MHz				1882.5 MHz			
30	DFT-s	15	π/2 BPSK	1	1	18.3	0	18.9		19.0	0	19.5	
				1	79	18.5	0	18.9		19.1	0	19.5	
				1	158	18.5	0	18.9		19.2	0	19.5	
				80	40	18.4	0	18.9		19.0	0	19.5	
			QPSK	1	1	18.5	0	18.9		19.1	0	19.5	
				1	79	18.5	0	18.9		19.1	0	19.5	
				1	158	18.6	0	18.9		19.1	0	19.5	
				80	40	18.4	0	18.9		19.0	0	19.5	

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)				Power Mode B (dBm)			
						376500	MPR	Tune-up Limit		376500	MPR	Tune-up Limit	
						1882.5 MHz				1882.5 MHz			
25	DFT-s	15	π/2 BPSK	1	1	18.5	0	18.9		19.0	0	19.5	
				1	66	18.4	0	18.9		19.1	0	19.5	
				1	131	18.4	0	18.9		19.1	0	19.5	
				64	32	18.4	0	18.9		19.1	0	19.5	
			QPSK	1	1	18.4	0	18.9		19.0	0	19.5	
				1	66	18.4	0	18.9		19.0	0	19.5	
				1	131	18.5	0	18.9		19.1	0	19.5	
				64	32	18.3	0	18.9		19.0	0	19.5	

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						372000	376500	381000	MPR	Tune-up Limit	372000	376500	381000	MPR	Tune-up Limit
						1860 MHz	1882.5 MHz	1905 MHz			1860 MHz	1882.5 MHz	1905 MHz		
20	DFT-s	15	π/2 BPSK	1	1	18.5	18.4	18.4	0	18.9	18.9	18.9	18.9	0	19.5
				1	52	18.4	18.4	18.4	0	18.9	18.9	19.1	18.9	0	19.5
				1	104	18.4	18.4	18.4	0	18.9	18.9	19.0	18.9	0	19.5
				50	25	18.3	18.3	18.4	0	18.9	18.9	18.9	18.9	0	19.5
			QPSK	1	1	18.5	18.4	18.5	0	18.9	18.9	19.0	18.9	0	19.5
				1	52	18.4	18.5	18.4	0	18.9	18.9	19.1	18.9	0	19.5
				1	104	18.4	18.4	18.4	0	18.9	18.9	19.0	18.9	0	19.5
				50	25	18.4	18.3	18.4	0	18.9	18.8	19.0	18.8	0	19.5

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						371500	376500	381500	MPR	Tune-up Limit	371500	376500	381500	MPR	Tune-up Limit
						1857.5 MHz	1882.5 MHz	1907.5 MHz			1857.5 MHz	1882.5 MHz	1907.5 MHz		
15	DFT-s	15	π/2 BPSK	1	1	18.5	18.4	18.5	0	18.9	18.9	19.0	18.9	0	19.5
				1	39	18.5	18.4	18.5	0	18.9	19.0	19.0	18.9	0	19.5
				1	77	18.5	18.4	18.5	0	18.9	19.0	18.9	18.9	0	19.5
				36	18	18.4	18.3	18.3	0	18.9	18.8	18.9	18.9	0	19.5
			QPSK	1	1	18.6	18.4	18.5	0	18.9	18.9	19.0	18.9	0	19.5
				1	39	18.5	18.4	18.4	0	18.9	18.9	19.1	18.9	0	19.5
				1	77	18.5	18.4	18.4	0	18.9	19.0	19.0	18.9	0	19.5
				36	18	18.4	18.3	18.3	0	18.9	18.8	19.0	18.8	0	19.5

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						371000	376500	382000	MPR	Tune-up Limit	371000	376500	382000	MPR	Tune-up Limit
						1855 MHz	1882.5 MHz	1910 MHz			1855 MHz	1882.5 MHz	1910 MHz		
10	DFT-s	15	π/2 BPSK	1	1	18.5	18.5	18.5	0	18.9	18.8	18.7	18.9	0	19.5
				1	25	18.5	18.5	18.5	0	18.9	18.8	18.7	18.9	0	19.5
				1	50	18.5	18.4	18.5	0	18.9	18.8	18.8	18.7	0	19.5
				25	12	18.4	18.3	18.3	0	18.9	18.7	18.7	18.7	0	19.5
			QPSK	1	1	18.6	18.5	18.5	0	18.9	18.7	18.7	18.8	0	19.5
				1	25	18.6	18.5	18.4	0	18.9	18.8	18.8	18.7	0	19.5
				1	50	18.5	18.4	18.4	0	18.9	18.8	18.7	18.8	0	19.5
				25	12	18.5	18.4	18.3	0	18.9	18.7	18.8	18.5	0	19.5

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						370500	376500	382500	MPR	Tune-up Limit	370500	376500	382500	MPR	Tune-up Limit
						1852.5 MHz	1882.5 MHz	1912.5 MHz			1852.5 MHz	1882.5 MHz	1912.5 MHz		
5	DFT-s	15	π/2 BPSK	1	1	18.6	18.4	18.5	0	18.9	18.7	18.7	18.7	0	19.5
				1	12	18.6	18.3	18.5	0	18.9	18.8	18.7	18.8	0	19.5
				1	23	18.5	18.3	18.5	0	18.9	18.7	18.7	18.7	0	19.5
				12	6	18.5	18.3	18.4	0	18.9	18.8	18.7	18.8	0	19.5
			QPSK	1	1	18.4	18.3	18.5	0	18.9	18.7	18.7	18.7	0	19.5
				1	12	18.5	18.5	18.5	0	18.9	18.7	18.9	18.8	0	19.5
				1	23	18.3	18.3	18.4	0	18.9	18.7	18.8	18.7	0	19.5
				12	6	18.4	18.5	18.3	0	18.9	18.7	18.8	18.8	0	19.5

NR Band 25 Measured Results (ANT3)

BW (MHz)	OFDM Modulation Scheme	Mode	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
							376500		MPR	Tune-up Limit		376500		MPR	Tune-up Limit
							1882.5 MHz					1882.5 MHz			
40	DFT-s	15	π/2 BPSK	1	1		24.6		0	25.1		19.3		0	19.7
				1	107		24.7		0	25.1		19.3		0	19.7
				1	214		24.7		0	25.1		19.2		0	19.7
				108	54		24.7		0	25.1		19.3		0	19.7
			QPSK	1	1		24.7		0	25.1		19.3		0	19.7
				1	107		24.5		0	25.1		19.0		0	19.7
				1	214		24.7		0	25.1		19.2		0	19.7
				108	54		24.4		0	25.1		19.0		0	19.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
							376500		MPR	Tune-up Limit		376500		MPR	Tune-up Limit
							1882.5 MHz					1882.5 MHz			
30	DFT-s	15	π/2 BPSK	1	1		24.7		0	25.1		19.2		0	19.7
				1	79		24.4		0	25.1		19.1		0	19.7
				1	158		24.4		0	25.1		19.1		0	19.7
				80	40		24.7		0	25.1		19.3		0	19.7
			QPSK	1	1		24.4		0	25.1		19.3		0	19.7
				1	79		24.4		0	25.1		19.1		0	19.7
				1	158		24.5		0	25.1		19.1		0	19.7
				80	40		24.7		0	25.1		19.3		0	19.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
							376500		MPR	Tune-up Limit		376500		MPR	Tune-up Limit
							1882.5 MHz					1882.5 MHz			
25	DFT-s	15	π/2 BPSK	1	1		24.6		0	25.1		19.0		0	19.7
				1	66		24.6		0	25.1		19.2		0	19.7
				1	131		24.4		0	25.1		19.1		0	19.7
				64	32		24.5		0	25.1		19.3		0	19.7
			QPSK	1	1		24.7		0	25.1		19.2		0	19.7
				1	66		24.6		0	25.1		19.0		0	19.7
				1	131		24.5		0	25.1		19.2		0	19.7
				64	32		24.6		0	25.1		19.2		0	19.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						372000	376500	381000	MPR	Tune-up Limit	372000	376500	381000	MPR	Tune-up Limit
						1860 MHz	1882.5 MHz	1905 MHz			1860 MHz	1882.5 MHz	1905 MHz		
20	DFT-s	15	π/2 BPSK	1	1	24.6	24.5	24.5	0	25.1	19.2	19.0	19.2	0	19.7
				1	52	24.5	24.7	24.6	0	25.1	19.1	19.1	19.0	0	19.7
				1	104	24.6	24.6	24.5	0	25.1	19.1	19.0	19.3	0	19.7
				50	25	24.5	24.7	24.7	0	25.1	19.3	19.1	19.2	0	19.7
			QPSK	1	1	24.6	24.5	24.7	0	25.1	19.1	19.1	19.2	0	19.7
				1	52	24.6	24.5	24.4	0	25.1	19.3	19.1	19.1	0	19.7
				1	104	24.5	24.4	24.5	0	25.1	19.0	19.2	19.1	0	19.7
				50	25	24.5	24.6	24.7	0	25.1	19.3	19.1	19.1	0	19.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						371500	376500	381500	MPR	Tune-up Limit	371500	376500	381500	MPR	Tune-up Limit
						1857.5 MHz	1882.5 MHz	1907.5 MHz			1857.5 MHz	1882.5 MHz	1907.5 MHz		
15	DFT-s	15	π/2 BPSK	1	1	24.5	24.4	24.7	0	25.1	19.1	19.0	19.3	0	19.7
				1	39	24.5	24.7	24.5	0	25.1	19.3	19.1	19.2	0	19.7
				1	77	24.6	24.5	24.6	0	25.1	19.3	19.2	19.1	0	19.7
				36	18	24.7	24.4	24.7	0	25.1	19.0	19.1	19.1	0	19.7
			QPSK	1	1	24.7	24.7	24.4	0	25.1	19.2	19.2	19.2	0	19.7
				1	39	24.5	24.6	24.5	0	25.1	19.2	19.2	19.0	0	19.7
				1	77	24.6	24.7	24.6	0	25.1	19.1	19.0	19.2	0	19.7
				36	18	24.7	24.5	24.5	0	25.1	19.0	19.1	19.1	0	19.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						371000	376500	382000	MPR	Tune-up Limit	371000	376500	382000	MPR	Tune-up Limit
						1855 MHz	1882.5 MHz	1910 MHz			1855 MHz	1882.5 MHz	1910 MHz		
10	DFT-s	15	π/2 BPSK	1	1	24.6	24.5	24.5	0	25.1	19.0	19.1	19.0	0	19.7
				1	25	24.6	24.5	24.5	0	25.1	19.1	19.0	19.1	0	19.7
				1	50	24.5	24.6	24.6	0	25.1	19.0	19.3	19.3	0	19.7
				25	12	24.4	24.6	24.6	0	25.1	19.3	19.0	19.1	0	19.7
			QPSK	1	1	24.4	24.4	24.4	0	25.1	19.1	19.3	19.3	0	19.7
				1	25	24.4	24.7	24.7	0	25.1	19.0	19.3	19.1	0	19.7
				1	50	24.6	24.6	24.4	0	25.1	19.0	19.1	19.2	0	19.7
				25	12	24.7	24.4	24.6	0	25.1	19.3	19.1	19.3	0	19.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						370500	376500	382500	MPR	Tune-up Limit	370500	376500	382500	MPR	Tune-up Limit
						1852.5 MHz	1882.5 MHz	1912.5 MHz			1852.5 MHz	1882.5 MHz	1912.5 MHz		
5	DFT-s	15	π/2 BPSK	1	1	24.7	24.7	24.6	0	25.1	19.3	19.3	19.1	0	19.7
				1	12	24.4	24.6	24.7	0	25.1	19.2	19.1	19.3	0	19.7
				1	23	24.6	24.4	24.6	0	25.1	19.1	19.2	19.1	0	19.7
				12	6	24.7	24.7	24.6	0	25.1	19.1	19.3	19.2	0	19.7
			QPSK	1	1	24.4	24.5	24.4	0	25.1	19.3	19.1	19.1	0	19.7
				1	12	24.6	24.6	24.6	0	25.1	19.1	19.2	19.1	0	19.7
				1	23	24.4	24.6	24.5	0	25.1	19.2	19.3	19.1	0	19.7
				12	6	24.5	24.6	24.5	0	25.1	19.0	19.2	19.2	0	19.7

NR Band 25 Measured Results (ANT4)

BW (MHz)	OFDM Modulation Scheme	Mode	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
							376500		MPR	Tune-up Limit		376500		MPR	Tune-up Limit
							1882.5 MHz					1882.5 MHz			
40	DFT-s	15	π/2 BPSK	1	1		19.6		0	19.9		19.9		0	20.1
				1	107		19.6		0	19.9		19.9		0	20.1
				1	214		19.4		0	19.9		19.9		0	20.1
				108	54		19.5		0	19.9		19.9		0	20.1
			QPSK	1	1		19.4		0	19.9		19.8		0	20.1
				1	107		19.6		0	19.9		19.9		0	20.1
				1	214		19.4		0	19.9		19.9		0	20.1
				108	54		19.5		0	19.9		19.9		0	20.1

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
							376500		MPR	Tune-up Limit		376500		MPR	Tune-up Limit
							1882.5 MHz					1882.5 MHz			
30	DFT-s	15	π/2 BPSK	1	1		19.2		0	19.9		19.6		0	20.1
				1	79		19.3		0	19.9		19.8		0	20.1
				1	158		19.4		0	19.9		19.7		0	20.1
				80	40		19.2		0	19.9		19.6		0	20.1
			QPSK	1	1		19.4		0	19.9		19.7		0	20.1
				1	79		19.3		0	19.9		19.7		0	20.1
				1	158		19.4		0	19.9		19.8		0	20.1
				80	40		19.2		0	19.9		19.6		0	20.1

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
							376500		MPR	Tune-up Limit		376500		MPR	Tune-up Limit
							1882.5 MHz					1882.5 MHz			
25	DFT-s	15	π/2 BPSK	1	1		19.3		0	19.9		19.8		0	20.1
				1	66		19.3		0	19.9		19.8		0	20.1
				1	131		19.3		0	19.9		19.7		0	20.1
				64	32		19.1		0	19.9		19.7		0	20.1
			QPSK	1	1		19.3		0	19.9		19.7		0	20.1
				1	66		19.2		0	19.9		19.8		0	20.1
				1	131		19.3		0	19.9		19.6		0	20.1
				64	32		19.2		0	19.9		19.8		0	20.1

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						372000	376500	381000	MPR	Tune-up Limit	372000	376500	381000	MPR	Tune-up Limit
						1860 MHz	1882.5 MHz	1905 MHz			1860 MHz	1882.5 MHz	1905 MHz		
20	DFT-s	15	π/2 BPSK	1	1	19.1	19.1	19.3	0	19.9	19.8	19.8	19.8	0	20.1
				1	52	19.2	19.2	19.3	0	19.9	19.9	19.7	19.6	0	20.1
				1	104	19.3	19.3	19.3	0	19.9	19.7	19.9	19.8	0	20.1
				50	25	19.1	19.2	19.3	0	19.9	19.8	19.7	19.7	0	20.1
			QPSK	1	1	19.1	19.3	19.3	0	19.9	19.8	19.7	19.7	0	20.1
				1	52	19.2	19.2	19.2	0	19.9	19.7	19.6	19.7	0	20.1
				1	104	19.2	19.2	19.2	0	19.9	19.8	19.8	19.8	0	20.1
				50	25	19.1	19.2	19.3	0	19.9	19.8	19.8	19.9	0	20.1

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						371500	376500	381500	MPR	Tune-up Limit	371500	376500	381500	MPR	Tune-up Limit
						1857.5 MHz	1882.5 MHz	1907.5 MHz			1857.5 MHz	1882.5 MHz	1907.5 MHz		
15	DFT-s	15	π/2 BPSK	1	1	19.1	19.3	19.4	0	19.9	19.9	19.7	19.8	0	20.1
				1	39	19.1	19.3	19.2	0	19.9	19.8	19.7	19.9	0	20.1
				1	77	19.2	19.3	19.1	0	19.9	19.7	19.7	19.6	0	20.1
				36	18	19.0	19.1	19.1	0	19.9	19.9	19.6	19.9	0	20.1
			QPSK	1	1	19.2	19.3	19.4	0	19.9	19.7	19.8	19.9	0	20.1
				1	39	19.1	19.3	19.2	0	19.9	19.7	19.9	19.8	0	20.1
				1	77	19.2	19.2	19.2	0	19.9	19.9	19.8	19.7	0	20.1
				36	18	19.1	19.2	19.2	0	19.9	19.7	19.7	19.6	0	20.1

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						371000	376500	382000	MPR	Tune-up Limit	371000	376500	382000	MPR	Tune-up Limit
						1855 MHz	1882.5 MHz	1910 MHz			1855 MHz	1882.5 MHz	1910 MHz		
10	DFT-s	15	π/2 BPSK	1	1	19.0	19.0	19.0	0	19.9	19.8	19.7	19.7	0	20.1
				1	25	19.0	19.1	18.8	0	19.9	19.9	19.8	19.7	0	20.1
				1	50	18.9	19.1	19.0	0	19.9	19.6	19.8	19.8	0	20.1
				25	12	18.9	19.0	18.9	0	19.9	19.7	19.8	19.6	0	20.1
			QPSK	1	1	19.0	19.1	19.0	0	19.9	19.9	19.7	19.8	0	20.1
				1	25	19.0	18.8	19.0	0	19.9	19.8	19.6	19.7	0	20.1
				1	50	19.0	18.9	18.9	0	19.9	19.8	19.7	19.7	0	20.1
				25	12	19.0	18.8	19.0	0	19.9	19.8	19.8	19.8	0	20.1

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						370500	376500	382500	MPR	Tune-up Limit	370500	376500	382500	MPR	Tune-up Limit
						1852.5 MHz	1882.5 MHz	1912.5 MHz			1852.5 MHz	1882.5 MHz	1912.5 MHz		
5	DFT-s	15	π/2 BPSK	1	1	18.9	18.9	18.9	0	19.9	19.9	19.8	19.7	0	20.1
				1	12	18.9	19.0	18.9	0	19.9	19.7	19.6	19.7	0	20.1
				1	23	18.9	18.8	18.9	0	19.9	19.7	19.6	19.8	0	20.1
				12	6	19.0	18.9	18.9	0	19.9	19.8	19.7	19.9	0	20.1
			QPSK	1	1	18.9	19.0	18.9	0	19.9	19.8	19.8	19.8	0	20.1
				1	12	18.8	18.9	18.8	0	19.9	19.8	19.8	19.8	0	20.1
				1	23	18.8	18.8	18.9	0	19.9	19.8	19.8	19.8	0	20.1
				12	6	18.9	18.8	18.9	0	19.9	19.8	19.8	19.8	0	20.1

NR Band 26 Measured Results (ANT1)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						163800	166300	168800	MPR	Tune-up Limit	163800	166300	168800	MPR	Tune-up Limit
						819 MHz	831.5 MHz	844 MHz			819 MHz	831.5 MHz	844 MHz		
10	DFT-s	15	π/2 BPSK	1	1	24.9	24.9	24.8	0	25.7	23.4	23.4	23.3	0	24
				1	25	25.0	25.1	24.9	0	25.7	23.5	23.5	23.4	0	24
				1	50	24.9	25.0	24.9	0	25.7	23.4	23.3	23.3	0	24
				25	12	25.0	25.1	24.9	0	25.7	23.4	23.5	23.4	0	24
			QPSK	1	1	25.1	24.7	24.8	0	25.7	23.3	23.5	23.4	0	24
				1	25	24.9	25.1	25.1	0	25.7	23.5	23.4	23.4	0	24
				1	50	24.7	25.1	24.9	0	25.7	23.3	23.4	23.4	0	24
				25	12	24.9	24.9	25.0	0	25.7	23.3	23.4	23.4	0	24
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						163300	166300	169300	MPR	Tune-up Limit	163300	166300	169300	MPR	Tune-up Limit
						816.5 MHz	831.5 MHz	846.5 MHz			816.5 MHz	831.5 MHz	846.5 MHz		
5	DFT-s	15	π/2 BPSK	1	1	25.1	24.8	25.1	0	25.7	23.4	23.3	23.4	0	24
				1	12	25.0	24.8	24.7	0	25.7	23.3	23.4	23.4	0	24
				1	23	25.1	24.9	24.8	0	25.7	23.5	23.5	23.3	0	24
				12	6	25.0	24.8	24.8	0	25.7	23.4	23.4	23.4	0	24
			QPSK	1	1	25.0	25.0	25.1	0	25.7	23.4	23.4	23.5	0	24
				1	12	25.0	24.8	25.0	0	25.7	23.4	23.4	23.4	0	24
				1	23	25.0	24.8	24.7	0	25.7	23.3	23.4	23.3	0	24
				12	6	25.0	24.8	24.9	0	25.7	23.3	23.3	23.4	0	24

NR Band 26 Measured Results (ANT2)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						163800	166300	168800	MPR	Tune-up Limit	163800	166300	168800	MPR	Tune-up Limit
						819 MHz	831.5 MHz	844 MHz			819 MHz	831.5 MHz	844 MHz		
10	DFT-s	15	π/2 BPSK	1	1	21.7	21.8	21.8	0	22.5	24.0	24.2	24.1	0	24.7
				1	25	21.7	21.9	21.8	0	22.5	24.0	24.2	24.1	0	24.7
				1	50	21.6	21.7	21.6	0	22.5	23.9	24.1	23.9	0	24.7
				25	12	21.6	21.7	21.5	0	22.5	23.8	23.9	23.7	0	24.7
			QPSK	1	1	21.6	21.6	21.7	0	22.5	23.7	23.6	23.7	0	24.7
				1	25	21.6	21.6	21.6	0	22.5	23.7	23.7	23.6	0	24.7
				1	50	21.6	21.7	21.6	0	22.5	23.7	23.7	23.7	0	24.7
				25	12	21.5	21.6	21.5	0	22.5	23.7	23.6	23.7	0	24.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						163300	166300	169300	MPR	Tune-up Limit	163300	166300	169300	MPR	Tune-up Limit
						816.5 MHz	831.5 MHz	846.5 MHz			816.5 MHz	831.5 MHz	846.5 MHz		
5	DFT-s	15	π/2 BPSK	1	1	21.5	21.4	21.6	0	22.5	23.9	23.8	23.8	0	24.7
				1	12	21.5	21.4	21.5	0	22.5	23.9	23.8	23.8	0	24.7
				1	23	21.6	21.6	21.5	0	22.5	23.8	23.7	23.8	0	24.7
				12	6	21.5	21.6	21.5	0	22.5	23.9	23.7	23.7	0	24.7
			QPSK	1	1	21.5	21.5	21.5	0	22.5	23.7	23.8	23.7	0	24.7
				1	12	21.4	21.5	21.4	0	22.5	23.7	23.6	23.7	0	24.7
				1	23	21.5	21.5	21.4	0	22.5	23.8	23.6	23.6	0	24.7
				12	6	21.5	21.5	21.5	0	22.5	23.7	23.6	23.7	0	24.7

NR Band 30 Measured Results (ANT1)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
						462000	MPR	Tune-up Limit	462000	MPR	Tune-up Limit
						2310 MHz			2310 MHz		
10	DFT-s	15	π/2 BPSK	1	1	24.9	0	25.7	20.4	0	21.4
				1	25	25.1	0	25.7	20.6	0	21.4
				1	50	25.0	0	25.7	20.5	0	21.4
				25	12	25.0	0	25.7	20.5	0	21.4
			QPSK	1	1	25.0	0	25.7	20.5	0	21.4
				1	25	25.0	0	25.7	20.5	0	21.4
				1	50	25.0	0	25.7	20.5	0	21.4
				25	12	25.0	0	25.7	20.4	0	21.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
						462000	MPR	Tune-up Limit	462000	MPR	Tune-up Limit
						2310 MHz			2310 MHz		
5	DFT-s	15	π/2 BPSK	1	1	24.8	0	25.7	20.4	0	21.4
				1	12	24.9	0	25.7	20.4	0	21.4
				1	23	24.9	0	25.7	20.4	0	21.4
				12	6	24.8	0	25.7	20.5	0	21.4
			QPSK	1	1	24.9	0	25.7	20.5	0	21.4
				1	12	24.9	0	25.7	20.4	0	21.4
				1	23	24.8	0	25.7	20.4	0	21.4
				12	6	25.0	0	25.7	20.3	0	21.4

NR Band 30 Measured Results (ANT2)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
						462000	MPR	Tune-up Limit	462000	MPR	Tune-up Limit
						2310 MHz			2310 MHz		
10	DFT-s	15	π/2 BPSK	1	1	19.0	0	19.4	19.9	0	20.3
				1	25	19.2	0	19.4	20.0	0	20.3
				1	50	19.1	0	19.4	19.9	0	20.3
				25	12	19.2	0	19.4	19.9	0	20.3
			QPSK	1	1	19.0	0	19.4	19.9	0	20.3
				1	25	19.2	0	19.4	20.0	0	20.3
				1	50	19.1	0	19.4	19.9	0	20.3
				25	12	19.2	0	19.4	19.8	0	20.3
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
						462000	MPR	Tune-up Limit	462000	MPR	Tune-up Limit
						2310 MHz			2310 MHz		
5	DFT-s	15	π/2 BPSK	1	1	19.0	0	19.4	20.0	0	20.3
				1	12	19.0	0	19.4	19.9	0	20.3
				1	23	19.2	0	19.4	20.0	0	20.3
				12	6	19.2	0	19.4	19.8	0	20.3
			QPSK	1	1	19.0	0	19.4	20.0	0	20.3
				1	12	19.1	0	19.4	20.0	0	20.3
				1	23	19.1	0	19.4	19.8	0	20.3
				12	6	19.0	0	19.4	19.9	0	20.3

NR Band 30 Measured Results (ANT3)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
						462000	MPR	Tune-up Limit	462000	MPR	Tune-up Limit
						2310 MHz			2310 MHz		
10	DFT-s	15	π/2 BPSK	1	1	22.8	0	23.6	20.1	0	20.4
				1	25	22.9	0	23.6	20.3	0	20.4
				1	50	22.7	0	23.6	20.2	0	20.4
				25	12	23.0	0	23.6	20.3	0	20.4
			QPSK	1	1	22.8	0	23.6	20.2	0	20.4
				1	25	23.0	0	23.6	20.3	0	20.4
				1	50	22.8	0	23.6	20.1	0	20.4
				25	12	22.8	0	23.6	20.1	0	20.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
						462000	MPR	Tune-up Limit	462000	MPR	Tune-up Limit
						2310 MHz			2310 MHz		
5	DFT-s	15	π/2 BPSK	1	1	22.8	0	23.6	20.3	0	20.4
				1	12	22.7	0	23.6	20.2	0	20.4
				1	23	22.8	0	23.6	20.2	0	20.4
				12	6	22.9	0	23.6	20.2	0	20.4
			QPSK	1	1	22.9	0	23.6	20.2	0	20.4
				1	12	23.0	0	23.6	20.1	0	20.4
				1	23	22.9	0	23.6	20.2	0	20.4
				12	6	23.0	0	23.6	20.3	0	20.4

NR Band 30 Measured Results (ANT4)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
						462000	MPR	Tune-up Limit	462000	MPR	Tune-up Limit
						2310 MHz			2310 MHz		
10	DFT-s	15	π/2 BPSK	1	1	17.8	0	18.2	19.0	0	19.7
				1	25	17.8	0	18.2	19.1	0	19.7
				1	50	17.7	0	18.2	18.9	0	19.7
				25	12	17.8	0	18.2	19.0	0	19.7
			QPSK	1	1	17.6	0	18.2	18.9	0	19.7
				1	25	17.5	0	18.2	18.6	0	19.7
				1	50	17.5	0	18.2	18.7	0	19.7
				25	12	17.7	0	18.2	18.9	0	19.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
						462000	MPR	Tune-up Limit	462000	MPR	Tune-up Limit
						2310 MHz			2310 MHz		
5	DFT-s	15	π/2 BPSK	1	1	17.6	0	18.2	18.8	0	19.7
				1	12	17.8	0	18.2	18.9	0	19.7
				1	23	17.7	0	18.2	18.9	0	19.7
				12	6	17.6	0	18.2	18.9	0	19.7
			QPSK	1	1	17.5	0	18.2	19.0	0	19.7
				1	12	17.5	0	18.2	18.7	0	19.7
				1	23	17.6	0	18.2	18.8	0	19.7
				12	6	17.8	0	18.2	18.7	0	19.7

NR Band 41 Measured Results (ANT1)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)				Power Mode B (dBm)			
						518598		MPR	Tune-up Limit	518598		MPR	Tune-up Limit
						2592.99 MHz				2592.99 MHz			
100	DFT-s	30	π/2 BPSK	1	1	24.9		0	25.5	19.5		0	20.2
				1	136	25.0		0	25.5	19.6		0	20.2
				1	271	24.9		0	25.5	19.5		0	20.2
				135	67	24.9		0	25.5	19.6		0	20.2
			QPSK	1	1	24.9		0	25.5	19.6		0	20.2
				1	136	24.8		0	25.5	19.5		0	20.2
				1	271	24.9		0	25.5	19.5		0	20.2
				135	67	24.8		0	25.5	19.3		0	20.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)				Power Mode B (dBm)			
						518598		MPR	Tune-up Limit	518598		MPR	Tune-up Limit
						2592.99 MHz				2592.99 MHz			
90	DFT-s	30	π/2 BPSK	1	1	24.8		0	25.5	19.4		0	20.2
				1	122	24.7		0	25.5	19.5		0	20.2
				1	243	24.9		0	25.5	19.4		0	20.2
				121	60	24.7		0	25.5	19.5		0	20.2
			QPSK	1	1	24.8		0	25.5	19.3		0	20.2
				1	122	24.7		0	25.5	19.4		0	20.2
				1	243	24.9		0	25.5	19.4		0	20.2
				121	60	24.7		0	25.5	19.6		0	20.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)				Power Mode B (dBm)			
						518598		MPR	Tune-up Limit	518598		MPR	Tune-up Limit
						2592.99 MHz				2592.99 MHz			
80	DFT-s	30	π/2 BPSK	1	1	24.8		0	25.5	19.3		0	20.2
				1	108	24.8		0	25.5	19.5		0	20.2
				1	215	24.9		0	25.5	19.6		0	20.2
				108	54	24.9		0	25.5	19.4		0	20.2
			QPSK	1	1	24.8		0	25.5	19.4		0	20.2
				1	108	24.7		0	25.5	19.5		0	20.2
				1	215	24.8		0	25.5	19.3		0	20.2
				108	54	24.8		0	25.5	19.4		0	20.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)				Power Mode B (dBm)			
						518598		MPR	Tune-up Limit	518598		MPR	Tune-up Limit
						2592.99 MHz				2592.99 MHz			
70	DFT-s	30	π/2 BPSK	1	1	24.7		0	25.5	19.3		0	20.2
				1	91	24.8		0	25.5	19.4		0	20.2
				1	187	24.9		0	25.5	19.6		0	20.2
				94	47	24.8		0	25.5	19.5		0	20.2
			QPSK	1	1	24.9		0	25.5	19.4		0	20.2
				1	91	24.9		0	25.5	19.5		0	20.2
				1	187	24.7		0	25.5	19.3		0	20.2
				94	47	24.7		0	25.5	19.3		0	20.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)				Power Mode B (dBm)			
						518598		MPR	Tune-up Limit	518598		MPR	Tune-up Limit
						2592.99 MHz				2592.99 MHz			
60	DFT-s	30	π/2 BPSK	1	1	24.7		0	25.5	19.5		0	20.2
				1	80	24.7		0	25.5	19.3		0	20.2
				1	160	24.8		0	25.5	19.5		0	20.2
				81	40	24.8		0	25.5	19.3		0	20.2
			QPSK	1	1	24.8		0	25.5	19.4		0	20.2
				1	80	24.9		0	25.5	19.5		0	20.2
				1	160	24.7		0	25.5	19.3		0	20.2
				81	40	24.7		0	25.5	19.4		0	20.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)				Power Mode B (dBm)			
						518598		MPR	Tune-up Limit	518598		MPR	Tune-up Limit
						2592.99 MHz				2592.99 MHz			
50	DFT-s	30	π/2 BPSK	1	1	24.9		0	25.5	19.5		0	20.2
				1	66	24.8		0	25.5	19.4		0	20.2
				1	131	24.7		0	25.5	19.4		0	20.2
				64	32	24.9		0	25.5	19.4		0	20.2
			QPSK	1	1	24.8		0	25.5	19.6		0	20.2
				1	66	24.8		0	25.5	19.5		0	20.2
				1	131	24.9		0	25.5	19.5		0	20.2
				64	32	24.9		0	25.5	19.6		0	20.2

BW (MHz)	OFDM Modulation Scheme	Mode	Mode	RB Allocation	RB offset	Power Mode A (dBm)							Power Mode B (dBm)						
						503196	510900	518598	526296	533994	MPR	Tune-up Limit	503196	510900	518598	526296	533994	MPR	Tune-up Limit
						2515.98 MHz	2554.5 MHz	2592.99 MHz	2631.48 MHz	2669.97 MHz			2515.98 MHz	2554.5 MHz	2592.99 MHz	2631.48 MHz	2669.97 MHz		
40	DFT-s	30	π/2 BPSK	1	1	24.7	24.9	24.8	24.8	24.9	0	25.5	19.3	19.3	19.5	19.5	19.5	0	20.2
				1	52	24.7	24.7	24.9	24.8	24.8	0	25.5	19.5	19.4	19.4	19.5	19.6	0	20.2
				1	104	24.9	24.8	24.8	24.7	24.9	0	25.5	19.4	19.4	19.4	19.5	19.4	0	20.2
				50	25	24.8	24.9	24.8	24.9	24.7	0	25.5	19.4	19.4	19.3	19.6	19.4	0	20.2
			QPSK	1	1	24.8	24.8	24.9	24.7	24.9	0	25.5	19.5	19.5	19.4	19.5	19.5	0	20.2
				1	52	24.9	24.9	24.8	24.8	24.8	0	25.5	19.5	19.5	19.5	19.4	19.3	0	20.2
				1	104	24.7	24.9	24.7	24.8	24.9	0	25.5	19.5	19.6	19.3	19.3	19.3	0	20.2
				50	25	24.8	24.7	24.7	24.9	24.9	0	25.5	19.3	19.5	19.5	19.5	19.4	0	20.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)							Power Mode B (dBm)						
						502200	510396	518598	526800	534996	MPR	Tune-up Limit	502200	510396	518598	526800	534996	MPR	Tune-up Limit
						2511 MHz	2551.98 MHz	2592.99 MHz	2634 MHz	2674.98 MHz			2511 MHz	2551.98 MHz	2592.99 MHz	2634 MHz	2674.98 MHz		
30	DFT-s	30	π/2 BPSK	1	1	24.9	24.8	24.8	24.9	24.8	0	25.5	19.5	19.4	19.4	19.4	19.6	0	20.2
				1	38	24.8	24.7	24.8	24.9	24.8	0	25.5	19.5	19.5	19.4	19.4	19.4	0	20.2
				1	76	24.9	24.8	24.7	24.8	24.8	0	25.5	19.4	19.4	19.4	19.4	19.5	0	20.2
				36	18	24.9	24.8	24.7	24.9	24.7	0	25.5	19.6	19.4	19.5	19.4	19.6	0	20.2
			QPSK	1	1	24.8	24.8	24.8	24.8	24.8	0	25.5	19.5	19.6	19.3	19.6	19.3	0	20.2
				1	38	24.7	24.7	24.9	24.8	24.8	0	25.5	19.4	19.5	19.3	19.3	19.6	0	20.2
				1	76	24.7	24.8	24.8	24.8	24.7	0	25.5	19.4	19.4	19.5	19.4	19.4	0	20.2
				36	18	24.7	24.8	24.8	24.7	24.7	0	25.5	19.3	19.5	19.3	19.5	19.4	0	20.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)							Power Mode B (dBm)						
						501198	509898	518598	527298	535998	MPR	Tune-up Limit	501198	509898	518598	527298	535998	MPR	Tune-up Limit
						2505.99 MHz	2549.49 MHz	2592.99 MHz	2636.49 MHz	2679.99 MHz			2505.99 MHz	2549.49 MHz	2592.99 MHz	2636.49 MHz	2679.99 MHz		
20	DFT-s	30	π/2 BPSK	1	1	24.7	24.9	24.8	24.7	24.8	0	25.5	19.4	19.6	19.5	19.5	19.6	0	20.2
				1	25	24.9	24.7	24.9	24.8	24.9	0	25.5	19.4	19.4	19.3	19.4	19.3	0	20.2
				1	49	24.8	24.8	24.8	24.8	24.8	0	25.5	19.4	19.5	19.4	19.3	19.3	0	20.2
				25	12	24.7	24.8	24.8	24.7	24.9	0	25.5	19.6	19.3	19.4	19.6	19.4	0	20.2
			QPSK	1	1	24.8	24.7	24.7	24.8	24.9	0	25.5	19.6	19.4	19.3	19.4	19.3	0	20.2
				1	25	24.9	24.7	24.9	24.8	24.8	0	25.5	19.5	19.5	19.5	19.4	19.4	0	20.2
				1	49	24.8	24.8	24.8	24.8	24.7	0	25.5	19.5	19.5	19.5	19.5	19.5	0	20.2
				25	12	24.9	24.9	24.9	24.9	24.7	0	25.5	19.4	19.4	19.5	19.3	19.6	0	20.2

NR Band 41 Measured Results (ANT2)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm) 518598	Power Mode A (dBm) 2592.99 MHz	MPR	Tune-up Limit	Power Mode B (dBm) 518598	Power Mode B (dBm) 2592.99 MHz	MPR	Tune-up Limit
100	DFT-s	30	π/2 BPSK	1	1		16.5	0	16.6		17.9	0	18.1
				1	136		16.5	0	16.6		17.9	0	18.1
				1	271		16.4	0	16.6		17.7	0	18.1
				135	67		16.5	0	16.6		17.9	0	18.1
			QPSK	1	1		16.5	0	16.6		17.7	0	18.1
				1	136		16.3	0	16.6		17.7	0	18.1
				1	271		16.3	0	16.6		17.8	0	18.1
				135	67		16.2	0	16.6		17.6	0	18.1
90	DFT-s	30	π/2 BPSK	1	1		16.2	0	16.6		17.8	0	18.1
				1	122		16.4	0	16.6		17.7	0	18.1
				1	243		16.3	0	16.6		17.7	0	18.1
				121	60		16.3	0	16.6		17.9	0	18.1
			QPSK	1	1		16.4	0	16.6		17.8	0	18.1
				1	122		16.4	0	16.6		17.7	0	18.1
				1	243		16.4	0	16.6		17.8	0	18.1
				121	60		16.5	0	16.6		17.8	0	18.1
80	DFT-s	30	π/2 BPSK	1	1		16.2	0	16.6		17.8	0	18.1
				1	108		16.5	0	16.6		17.8	0	18.1
				1	215		16.4	0	16.6		17.7	0	18.1
				108	54		16.3	0	16.6		17.7	0	18.1
			QPSK	1	1		16.3	0	16.6		17.9	0	18.1
				1	108		16.2	0	16.6		17.7	0	18.1
				1	215		16.4	0	16.6		17.6	0	18.1
				108	54		16.4	0	16.6		17.8	0	18.1
70	DFT-s	30	π/2 BPSK	1	1		16.4	0	16.6		17.7	0	18.1
				1	91		16.2	0	16.6		17.8	0	18.1
				1	187		16.4	0	16.6		17.8	0	18.1
				94	47		16.4	0	16.6		17.7	0	18.1
			QPSK	1	1		16.3	0	16.6		17.9	0	18.1
				1	91		16.4	0	16.6		17.6	0	18.1
				1	187		16.4	0	16.6		17.8	0	18.1
				94	47		16.4	0	16.6		17.6	0	18.1
60	DFT-s	30	π/2 BPSK	1	1		16.3	0	16.6		17.8	0	18.1
				1	80		16.2	0	16.6		17.8	0	18.1
				1	160		16.4	0	16.6		17.8	0	18.1
				81	40		16.3	0	16.6		17.7	0	18.1
			QPSK	1	1		16.2	0	16.6		17.8	0	18.1
				1	80		16.5	0	16.6		17.9	0	18.1
				1	160		16.4	0	16.6		17.7	0	18.1
				81	40		16.3	0	16.6		17.8	0	18.1
50	DFT-s	30	π/2 BPSK	1	1		16.4	0	16.6		17.9	0	18.1
				1	66		16.5	0	16.6		17.7	0	18.1
				1	131		16.2	0	16.6		17.8	0	18.1
				64	32		16.5	0	16.6		17.7	0	18.1
			QPSK	1	1		16.2	0	16.6		17.7	0	18.1
				1	66		16.3	0	16.6		17.9	0	18.1
				1	131		16.4	0	16.6		17.8	0	18.1
				64	32		16.4	0	16.6		17.8	0	18.1

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm) 503196	510900	518598	526296	533994	MPR	Tune-up Limit	Power Mode B (dBm) 503196	510900	518598	526296	533994	MPR	Tune-up Limit
						2515.98 MHz	2554.5 MHz	2592.99 MHz	2631.48 MHz	2669.97 MHz			2515.98 MHz	2554.5 MHz	2592.99 MHz	2631.48 MHz	2669.97 MHz		
40	DFT-s	30	π/2 BPSK	1	1	16.4	16.3	16.2	16.3	16.2	0	16.6	17.6	17.8	17.7	17.7	17.7	0	18.1
				1	52	16.2	16.3	16.3	16.3	16.5	0	16.6	17.7	17.6	17.7	17.9	17.8	0	18.1
				1	104	16.2	16.5	16.2	16.3	16.4	0	16.6	17.7	17.8	17.7	17.7	17.8	0	18.1
				50	25	16.5	16.3	16.5	16.3	16.3	0	16.6	17.6	17.7	17.6	17.7	17.7	0	18.1
			QPSK	1	1	16.4	16.3	16.3	16.5	16.3	0	16.6	17.9	17.7	17.6	17.9	17.8	0	18.1
				1	52	16.4	16.3	16.2	16.4	16.3	0	16.6	17.8	17.8	17.7	17.8	17.6	0	18.1
				1	104	16.3	16.5	16.3	16.4	16.4	0	16.6	17.7	17.6	17.9	17.7	17.8	0	18.1
				50	25	16.4	16.5	16.3	16.3	16.4	0	16.6	17.8	17.7	17.7	17.6	17.7	0	18.1

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm) 502200	510396	518598	526800	534996	MPR	Tune-up Limit	Power Mode B (dBm) 502200	510396	518598	526800	534996	MPR	Tune-up Limit
						2511 MHz	2551.98 MHz	2592.99 MHz	2634 MHz	2674.98 MHz			2511 MHz	2551.98 MHz	2592.99 MHz	2634 MHz	2674.98 MHz		
30	DFT-s	30	π/2 BPSK	1	1	16.3	16.4	16.4	16.5	16.2	0	16.6	17.7	17.8	17.8	17.8	17.7	0	18.1
				1	38	16.2	16.4	16.2	16.3	16.2	0	16.6	17.8	17.7	17.9	17.8	17.6	0	18.1
				1	76	16.3	16.5	16.5	16.5	16.5	0	16.6	17.9	17.7	17.9	17.7	17.7	0	18.1
				36	18	16.3	16.3	16.2	16.2	16.4	0	16.6	17.9	17.6	17.7	17.9	17.7	0	18.1
			QPSK	1	1	16.2	16.4	16.5	16.5	16.3	0	16.6	17.7	17.8	17.7	17.7	17.8	0	18.1
				1	38	16.5	16.5	16.3	16.5	16.4	0	16.6	17.6	17.8	17.6	17.9	17.7	0	18.1
				1	76	16.4	16.3	16.4	16.3	16.5	0	16.6	17.8	17.8	17.6	17.6	17.7	0	18.1
				36	18	16.2	16.4	16.2	16.4	16.3	0	16.6	17.7	17.7	17.7	17.9	17.8	0	18.1

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm) 501198	509898	518598	527298	535998	MPR	Tune-up Limit	Power Mode B (dBm) 501198	509898	518598	527298	535998	MPR	Tune-up Limit
						2505.99 MHz	2549.49 MHz	2592.99 MHz	2636.49 MHz	2679.99 MHz			2505.99 MHz	2549.49 MHz	2592.99 MHz	2636.49 MHz	2679.99 MHz		
20	DFT-s	30	π/2 BPSK	1	1	16.2	16.4	16.4	16.3	16.4	0	16.6	17.7	17.8	17.7	17.8	17.8	0	18.1
				1	25	16.3	16.2	16.3	16.2	16.5	0	16.6	17.7	17.8	17.7	17.9	17.8	0	18.1
				1	49	16.4	16.4	16.3	16.2	16.3	0	16.6	17.8	17.6	17.8	17.7	17.8	0	18.1
				25	12	16.2	16.3	16.3	16.4	16.4	0	16.6	17.8	17.8	17.8	17.7	17.8	0	18.1
			QPSK	1	1	16.4	16.2	16.4	16.5	16.3	0	16.6	17.9	17.7	17.8	17.7	17.7	0	18.1
				1	25	16.5	16.4	16.5	16.4	16.4	0	16.6	17.7	17.7	17.6	17.7	17.6	0	18.1
				1	49	16.4	16.5	16.3	16.5	16.2	0	16.6	17.7	17.9	17.8	17.7	17.7	0	18.1
				25	12	16.5	16.3	16.5	16.3	16.4	0	16.6	17.7	17.8	17.7	17.8	17.7	0	18.1

NR Band 41 Measured Results (ANT3)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)				Power Mode B (dBm)			
						518598		MPR	Tune-up Limit	518598		MPR	Tune-up Limit
						2592.99 MHz				2592.99 MHz			
100	DFT-s	30	π/2 BPSK	1	1	24.2		0	24.6	18.1		0	19.2
				1	136	24.2		0	24.6	18.2		0	19.2
				1	271	24.0		0	24.6	18.0		0	19.2
				135	67	24.0		0	24.6	18.1		0	19.2
			QPSK	1	1	24.0		0	24.6	18.2		0	19.2
				1	136	23.7		0	24.6	18.1		0	19.2
				1	271	23.8		0	24.6	18.1		0	19.2
				135	67	23.5		0	24.6	18.1		0	19.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)				Power Mode B (dBm)			
						518598		MPR	Tune-up Limit	518598		MPR	Tune-up Limit
						2592.99 MHz				2592.99 MHz			
90	DFT-s	30	π/2 BPSK	1	1	23.7		0	24.6	18.1		0	19.2
				1	122	24.0		0	24.6	18.2		0	19.2
				1	243	23.8		0	24.6	17.8		0	19.2
				121	60	23.8		0	24.6	18.0		0	19.2
			QPSK	1	1	23.8		0	24.6	17.9		0	19.2
				1	122	23.7		0	24.6	17.9		0	19.2
				1	243	23.9		0	24.6	18.2		0	19.2
				121	60	23.9		0	24.6	17.9		0	19.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)				Power Mode B (dBm)			
						518598		MPR	Tune-up Limit	518598		MPR	Tune-up Limit
						2592.99 MHz				2592.99 MHz			
80	DFT-s	30	π/2 BPSK	1	1	23.7		0	24.6	18.1		0	19.2
				1	108	23.9		0	24.6	17.9		0	19.2
				1	215	23.9		0	24.6	18.1		0	19.2
				108	54	23.8		0	24.6	18.0		0	19.2
			QPSK	1	1	23.9		0	24.6	18.0		0	19.2
				1	108	23.8		0	24.6	17.9		0	19.2
				1	215	23.9		0	24.6	18.1		0	19.2
				108	54	24.0		0	24.6	17.9		0	19.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)				Power Mode B (dBm)			
						518598		MPR	Tune-up Limit	518598		MPR	Tune-up Limit
						2592.99 MHz				2592.99 MHz			
70	DFT-s	30	π/2 BPSK	1	1	23.7		0	24.6	17.9		0	19.2
				1	91	23.8		0	24.6	18.2		0	19.2
				1	187	23.8		0	24.6	18.2		0	19.2
				94	47	23.9		0	24.6	18.1		0	19.2
			QPSK	1	1	23.8		0	24.6	18.1		0	19.2
				1	91	23.8		0	24.6	18.0		0	19.2
				1	187	23.8		0	24.6	18.1		0	19.2
				94	47	23.8		0	24.6	17.9		0	19.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)				Power Mode B (dBm)			
						518598		MPR	Tune-up Limit	518598		MPR	Tune-up Limit
						2592.99 MHz				2592.99 MHz			
60	DFT-s	30	π/2 BPSK	1	1	23.8		0	24.6	17.9		0	19.2
				1	80	24.0		0	24.6	18.0		0	19.2
				1	160	23.8		0	24.6	18.1		0	19.2
				81	40	23.8		0	24.6	17.9		0	19.2
			QPSK	1	1	23.9		0	24.6	18.0		0	19.2
				1	80	23.9		0	24.6	18.0		0	19.2
				1	160	23.9		0	24.6	17.9		0	19.2
				81	40	23.8		0	24.6	18.0		0	19.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)				Power Mode B (dBm)			
						518598		MPR	Tune-up Limit	518598		MPR	Tune-up Limit
						2592.99 MHz				2592.99 MHz			
50	DFT-s	30	π/2 BPSK	1	1	23.7		0	24.6	18.0		0	19.2
				1	66	23.8		0	24.6	18.0		0	19.2
				1	131	23.9		0	24.6	18.0		0	19.2
				64	32	24.0		0	24.6	17.9		0	19.2
			QPSK	1	1	23.9		0	24.6	18.0		0	19.2
				1	66	23.7		0	24.6	18.0		0	19.2
				1	131	23.8		0	24.6	17.9		0	19.2
				64	32	24.0		0	24.6	18.1		0	19.2
BW (MHz)	OFDM Modulation Scheme	Mode	Mode	RB Allocation	RB offset	Power Mode A (dBm)						Power Mode B (dBm)					
						503196	510900	518598	526296	533994	MPR	Tune-up Limit	503196	510900	518598	526296	533994	MPR	Tune-up Limit
						2515.98 MHz	2554.5 MHz	2592.99 MHz	2631.48 MHz	2669.97 MHz			2515.98 MHz	2554.5 MHz	2592.99 MHz	2631.48 MHz	2669.97 MHz		
40	DFT-s	30	π/2 BPSK	1	1	24.0	23.8	23.9	23.7	23.9	0	24.6	17.9	18.0	18.0	17.9	18.0	0	19.2
				1	52	23.9	23.7	23.8	23.8	23.8	0	24.6	18.1	18.1	18.1	17.9	18.1	0	19.2
				1	104	23.8	24.0	23.7	23.9	23.7	0	24.6	18.0	18.1	18.1	18.0	18.0	0	19.2
				50	25	23.8	23.8	23.7	23.8	24.0	0	24.6	18.1	18.1	18.0	18.0	17.9	0	19.2
			QPSK	1	1	23.7	24.0	23.9	23.8	23.9	0	24.6	18.0	18.0	18.0	18.1	17.9	0	19.2
				1	52	23.7	23.8	23.8	23.9	23.7	0	24.6	17.9	18.0	18.0	17.9	18.0	0	19.2
				1	104	23.7	23.9	23.8	23.9	23.8	0	24.6	17.9	18.0	18.0	17.9	18.0	0	19.2
				50	25	24.0	24.0	23.9	24.0	23.9	0	24.6	18.1	17.9	18.1	18.0	18.0	0	19.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						Power Mode B (dBm)					
						502200	510396	518598	526800	534996	MPR	Tune-up Limit	502200	510396	518598	526800	534996	MPR	Tune-up Limit
						2511 MHz	2551.98 MHz	2592.99 MHz	2634 MHz	2674.98 MHz			2511 MHz	2551.98 MHz	2592.99 MHz	2634 MHz	2674.98 MHz		
30	DFT-s	30	π/2 BPSK	1	1	23.9	23.8	23.8	23.8	23.7	0	24.6	17.9	18.1	18.0	17.9	18.0	0	19.2
				1	38	23.8	23.7	23.9	23.8	23.9	0	24.6	17.9	18.1	18.0	18.1	18.0	0	19.2
				1	76	23.8	23.9	23.8	23.8	23.9	0	24.6	17.9	18.0	18.0	17.9	18.0	0	19.2
				36	18	23.8	23.7	23.8	23.7	23.9	0	24.6	18.1	18.0	18.0	17.9	18.0	0	19.2
			QPSK	1	1	23.9	24.0	24.0	23.8	23.9	0	24.6	18.0	18.0	18.1	18.0	18.1	0	19.2
				1	38	23.9	23.8	23.9	23.7	23.9	0	24.6	17.9	18.1	18.0	18.0	18.1	0	19.2
				1	76	23.9	23.9	23.8	23.9	23.9	0	24.6	18.0	18.0	18.1	18.0	18.0	0	19.2
				36	18	23.8	24.0	23.8	23.8	23.9	0	24.6	18.0	18.0	18.1	18.1	17.9	0	19.2
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						Power Mode B (dBm)					
						501198	509898	518598	527298	535998	MPR	Tune-up Limit	501198	509898	518598	527298	535998	MPR	Tune-up Limit
						2505.99 MHz	2549.49 MHz	2592.99 MHz	2636.49 MHz	2679.99 MHz			2505.99 MHz	2549.49 MHz	2592.99 MHz	2636.49 MHz	2679.99 MHz		
20	DFT-s	30	π/2 BPSK	1	1	23.8	23.9	23.8	23.7	23.9	0	24.6	18.0	17.9	17.9	18.0	18.1	0	19.2
				1	25	23.7	23.9	24.0	23.8	23.8	0	24.6	18.0	17.9	18.0	18.1	17.9	0	19.2
				1	49	24.0	23.9	23.8	23.9	23.9	0	24.6	18.1	17.9	17.9	18.0	17.9	0	19.2
				25	12	23.8	24.0	23.7	23.7	23.9	0	24.6	18.0	18.0	18.0	17.9	17.9	0	19.2
			QPSK	1	1	23.9	23.8	23.9	23.7	24.0	0	24.6	17.9	17.9	18.1	18.1	18.0	0	19.2
				1	25	23.8	23.9	23.9	23.7	23.9	0	24.6	18.0	18.0	18.0	18.0	18.0	0	19.2
				1	49	23.7	24.0	24.0	23.8	24.0	0	24.6	17.9	18.0	18.0	18.0	18.1	0	19.2
				25	12	23.7	23.8	23.8	23.9	23.8	0	24.6	18.0	18.0	18.0	18.0	18.0	0	19.2

NR Band 41 Measured Results (ANT4)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)				Power Mode B (dBm)			
						518598		MPR	Tune-up Limit	518598		MPR	Tune-up Limit
						2592.99 MHz				2592.99 MHz			
100	DFT-s	30	π/2 BPSK	1	1	18.6		0	19.5	18.0		0	18.9
				1	136	18.9		0	19.5	18.2		0	18.9
				1	271	18.8		0	19.5	18.2		0	18.9
				135	67	18.8		0	19.5	18.2		0	18.9
			QPSK	1	1	18.7		0	19.5	18.0		0	18.9
				1	136	18.7		0	19.5	18.1		0	18.9
				1	271	18.8		0	19.5	18.1		0	18.9
				135	67	18.6		0	19.5	18.0		0	18.9
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)				Power Mode B (dBm)			
						518598		MPR	Tune-up Limit	518598		MPR	Tune-up Limit
						2592.99 MHz				2592.99 MHz			
90	DFT-s	30	π/2 BPSK	1	1	18.6		0	19.5	18.1		0	18.9
				1	122	18.4		0	19.5	18.0		0	18.9
				1	243	18.4		0	19.5	18.2		0	18.9
				121	60	18.6		0	19.5	18.2		0	18.9
			QPSK	1	1	18.4		0	19.5	18.1		0	18.9
				1	122	18.7		0	19.5	18.0		0	18.9
				1	243	18.6		0	19.5	18.1		0	18.9
				121	60	18.7		0	19.5	18.1		0	18.9
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)				Power Mode B (dBm)			
						518598		MPR	Tune-up Limit	518598		MPR	Tune-up Limit
						2592.99 MHz				2592.99 MHz			
80	DFT-s	30	π/2 BPSK	1	1	18.5		0	19.5	18.1		0	18.9
				1	108	18.7		0	19.5	18.2		0	18.9
				1	215	18.5		0	19.5	18.1		0	18.9
				108	54	18.7		0	19.5	18.0		0	18.9
			QPSK	1	1	18.7		0	19.5	18.0		0	18.9
				1	108	18.6		0	19.5	18.1		0	18.9
				1	215	18.5		0	19.5	18.0		0	18.9
				108	54	18.4		0	19.5	18.1		0	18.9
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)				Power Mode B (dBm)			
						518598		MPR	Tune-up Limit	518598		MPR	Tune-up Limit
						2592.99 MHz				2592.99 MHz			
70	DFT-s	30	π/2 BPSK	1	1	18.5		0	19.5	18.2		0	18.9
				1	91	18.4		0	19.5	18.2		0	18.9
				1	187	18.5		0	19.5	18.2		0	18.9
				94	47	18.6		0	19.5	18.1		0	18.9
			QPSK	1	1	18.5		0	19.5	18.0		0	18.9
				1	91	18.6		0	19.5	18.2		0	18.9
				1	187	18.5		0	19.5	18.1		0	18.9
				94	47	18.5		0	19.5	18.2		0	18.9
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)				Power Mode B (dBm)			
						518598		MPR	Tune-up Limit	518598		MPR	Tune-up Limit
						2592.99 MHz				2592.99 MHz			
60	DFT-s	30	π/2 BPSK	1	1	18.7		0	19.5	18.2		0	18.9
				1	80	18.6		0	19.5	18.1		0	18.9
				1	160	18.5		0	19.5	18.2		0	18.9
				81	40	18.7		0	19.5	18.0		0	18.9
			QPSK	1	1	18.4		0	19.5	18.1		0	18.9
				1	80	18.7		0	19.5	18.0		0	18.9
				1	160	18.5		0	19.5	18.0		0	18.9
				81	40	18.6		0	19.5	18.1		0	18.9
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)				Power Mode B (dBm)			
						518598		MPR	Tune-up Limit	518598		MPR	Tune-up Limit
						2592.99 MHz				2592.99 MHz			
50	DFT-s	30	π/2 BPSK	1	1	18.6		0	19.5	18.0		0	18.9
				1	66	18.6		0	19.5	18.1		0	18.9
				1	131	18.4		0	19.5	18.1		0	18.9
				64	32	18.6		0	19.5	18.1		0	18.9
			QPSK	1	1	18.4		0	19.5	18.1		0	18.9
				1	66	18.7		0	19.5	18.0		0	18.9
				1	131	18.5		0	19.5	18.0		0	18.9
				64	32	18.6		0	19.5	18.2		0	18.9
BW (MHz)	OFDM Modulation Scheme	Mode	Mode	RB Allocation	RB offset	Power Mode A (dBm)						Power Mode B (dBm)					
						503196	510900	518598	526296	533994	MPR	Tune-up Limit	503196	510900	518598	526296	533994	MPR	Tune-up Limit
						2515.98 MHz	2554.5 MHz	2592.99 MHz	2631.48 MHz	2669.97 MHz			2515.98 MHz	2554.5 MHz	2592.99 MHz	2631.48 MHz	2669.97 MHz		
40	DFT-s	30	π/2 BPSK	1	1	18.4	18.6	18.4	18.6	18.6	0	19.5	18.1	18.0	18.0	18.2	18.0	0	18.9
				1	52	18.5	18.5	18.4	18.5	18.6	0	19.5	18.1	18.1	18.2	18.0	18.2	0	18.9
				1	104	18.5	18.5	18.5	18.4	18.6	0	19.5	18.2	18.1	18.0	18.1	18.1	0	18.9
				50	25	18.7	18.4	18.6	18.5	18.6	0	19.5	18.1	18.1	18.2	18.1	18.0	0	18.9
			QPSK	1	1	18.6	18.6	18.6	18.6	18.7	0	19.5	18.1	18.1	18.2	18.2	18.2	0	18.9
				1	52	18.5	18.4	18.6	18.6	18.6	0	19.5	18.1	18.1	18.1	18.0	18.2	0	18.9
				1	104	18.4	18.6	18.5	18.5	18.6	0	19.5	18.2	18.0	18.1	18.1	18.2	0	18.9
				50	25	18.6	18.4	18.5	18.5	18.5	0	19.5	18.2	18.1	18.1	18.1	18.2	0	18.9
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						Power Mode B (dBm)					
						502200	510396	518598	526800	534996	MPR	Tune-up Limit	502200	510396	518598	526800	534996	MPR	Tune-up Limit
						2511 MHz	2551.98 MHz	2592.99 MHz	2634 MHz	2674.98 MHz			2511 MHz	2551.98 MHz	2592.99 MHz	2634 MHz	2674.98 MHz		
30	DFT-s	30	π/2 BPSK	1	1	18.6	18.5	18.4	18.7	18.6	0	19.5	18.1	18.1	18.2	18.1	18.2	0	18.9
				1	38	18.5	18.6	18.4	18.5	18.6	0	19.5	18.1	18.2	18.1	18.2	18.2	0	18.9
				1	76	18.5	18.4	18.5	18.5	18.6	0	19.5	18.0	18.2	18.2	18.1	18.1	0	18.9
				36	18	18.5	18.5	18.5	18.7	18.6	0	19.5	18.1	18.0	18.1	18.0	18.0	0	18.9
			QPSK	1	1	18.6	18.4	18.6	18.6	18.4	0	19.5	18.1	18.0	18.1	18.2	18.1	0	18.9
				1	38	18.5	18.5	18.7	18.4	18.5	0	19.5	18.0	18.1	18.0	18.2	18.0	0	18.9
				1	76	18.6	18.5	18.7	18.5	18.4	0	19.5	18.1	18.1	18.1	18.0	18.0	0	18.9
				36	18	18.5	18.4	18.5	18.5	18.7	0	19.5	18.1	18.1	18.1	18.2	18.0	0	18.9
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						Power Mode B (dBm)					
						501198	509898	518598	527298	535998	MPR	Tune-up Limit	501198	509898	518598	527298	535998	MPR	Tune-up Limit
						2505.99 MHz	2549.49 MHz	2592.99 MHz	2636.49 MHz	2679.99 MHz			2505.99 MHz	2549.49 MHz	2592.99 MHz	2636.49 MHz	2679.99 MHz		
20	DFT-s	30	π/2 BPSK	1	1	18.7	18.7	18.5	18.6	18.5	0	19.5	18.0	18.1	18.1	18.0	18.0	0	18.9
				1	25	18.7	18.5	18.4	18.5	18.5	0	19.5	18.1	18.1	18.1	18.0	18.1	0	18.9
				1	49	18.7	18.7	18.4	18.4	18.4	0	19.5	18.1	18.0	18.2	18.1	18.0	0	18.9
				25	12	18.5	18.4	18.6	18.6	18.6	0	19.5	18.2	18.1	18.1	18.0	18.1	0	18.9
			QPSK	1	1	18.6	18.7	18.6	18.6	18.7	0	19.5	18.1	18.1	18.0	18.1	18.0	0	18.9
				1	25	18.6	18.5	18.6	18.5	18.4	0	19.5	18.1	18.1	18.0	18.2	18.1	0	18.9
				1	49	18.7	18.5	18.4	18.5	18.5	0	19.5	18.1	18.1	18.1	18.2	18.2	0	18.9
				25	12	18.6	18.6	18.6	18.5	18.6	0	19.5	18.1	18.2	18.0	18.1	18.2	0	18.9

NR Band 53 Measured Results (ANT1)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
						497860	MPR	Tune-up Limit	497860	MPR	Tune-up Limit
						2489.3 MHz			2489.3 MHz		
10	DFT-s	30	π/2 BPSK	1	1	20.3	0	20.7	19.3	0	20.2
				1	11	20.4	0	20.7	19.5	0	20.2
				1	22	20.3	0	20.7	19.4	0	20.2
				12	6	20.2	0	20.7	19.5	0	20.2
			QPSK	1	1	20.3	0	20.7	19.2	0	20.2
				1	11	20.4	0	20.7	19.3	0	20.2
				1	22	20.4	0	20.7	19.3	0	20.2
				12	6	20.2	0	20.7	19.2	0	20.2

NR Band 53 Measured Results (ANT2)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
						497860	MPR	Tune-up Limit	497860	MPR	Tune-up Limit
						2489.3 MHz			2489.3 MHz		
10	DFT-s	30	π/2 BPSK	1	1	16.0	0	16.6	17.7	0	18.1
				1	11	16.1	0	16.6	17.7	0	18.1
				1	22	16.1	0	16.6	17.7	0	18.1
				12	6	16.0	0	16.6	17.6	0	18.1
			QPSK	1	1	15.9	0	16.6	17.6	0	18.1
				1	11	15.9	0	16.6	17.5	0	18.1
				1	22	16.1	0	16.6	17.6	0	18.1
				12	6	15.8	0	16.6	17.6	0	18.1

NR Band 66 Measured Results (ANT1)

BW (MHz)	OFDM Modulation Scheme	Mode	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						[redacted]	349000	[redacted]	MPR	Tune-up Limit	[redacted]	349000	[redacted]	MPR	Tune-up Limit
							1745 MHz					1745 MHz			
40	DFT-s	15	π/2 BPSK	1	1		24.6		0	25.2		18.5		0	19.1
				1	107		24.7		0	25.2		18.6		0	19.1
				1	214		24.6		0	25.2		18.4		0	19.1
				108	54		24.6		0	25.2		18.5		0	19.1
			QPSK	1	1		24.6		0	25.2		18.4		0	19.1
				1	107		24.6		0	25.2		18.5		0	19.1
				1	214		24.6		0	25.2		18.4		0	19.1
				108	54		24.5		0	25.2		18.4		0	19.1

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						[redacted]	349000	[redacted]	MPR	Tune-up Limit	[redacted]	349000	[redacted]	MPR	Tune-up Limit
							1745 MHz					1745 MHz			
30	DFT-s	15	π/2 BPSK	1	1		24.6		0	25.2		18.4		0	19.1
				1	79		24.6		0	25.2		18.3		0	19.1
				1	158		24.5		0	25.2		18.4		0	19.1
				80	40		24.5		0	25.2		18.4		0	19.1
			QPSK	1	1		24.5		0	25.2		18.4		0	19.1
				1	79		24.6		0	25.2		18.3		0	19.1
				1	158		24.5		0	25.2		18.5		0	19.1
				80	40		24.6		0	25.2		18.4		0	19.1

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						344000	349000	354000	MPR	Tune-up Limit	344000	349000	354000	MPR	Tune-up Limit
						1720 MHz	1745 MHz	1770 MHz			1720 MHz	1745 MHz	1770 MHz		
20	DFT-s	15	π/2 BPSK	1	1	24.5	24.6	24.5	0	25.2	18.3	18.4	18.4	0	19.1
				1	52	24.5	24.5	24.5	0	25.2	18.3	18.5	18.3	0	19.1
				1	104	24.6	24.5	24.5	0	25.2	18.4	18.3	18.3	0	19.1
				50	25	24.6	24.5	24.4	0	25.2	18.5	18.4	18.3	0	19.1
			QPSK	1	1	24.5	24.6	24.5	0	25.2	18.4	18.5	18.4	0	19.1
				1	52	24.5	24.5	24.5	0	25.2	18.4	18.3	18.3	0	19.1
				1	104	24.6	24.6	24.5	0	25.2	18.4	18.5	18.3	0	19.1
				50	25	24.4	24.5	24.4	0	25.2	18.4	18.3	18.5	0	19.1

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						343500	349000	354500	MPR	Tune-up Limit	343500	349000	354500	MPR	Tune-up Limit
						1717.5 MHz	1745 MHz	1772.5 MHz			1717.5 MHz	1745 MHz	1772.5 MHz		
15	DFT-s	15	π/2 BPSK	1	1	24.4	24.5	24.6	0	25.2	18.5	18.5	18.5	0	19.1
				1	39	24.4	24.5	24.6	0	25.2	18.3	18.4	18.5	0	19.1
				1	77	24.6	24.6	24.5	0	25.2	18.4	18.4	18.3	0	19.1
				36	18	24.5	24.6	24.5	0	25.2	18.5	18.4	18.4	0	19.1
			QPSK	1	1	24.4	24.6	24.6	0	25.2	18.4	18.4	18.4	0	19.1
				1	39	24.5	24.5	24.5	0	25.2	18.5	18.4	18.5	0	19.1
				1	77	24.6	24.4	24.5	0	25.2	18.3	18.5	18.5	0	19.1
				36	18	24.5	24.5	24.4	0	25.2	18.3	18.4	18.4	0	19.1

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						343000	349000	355000	MPR	Tune-up Limit	343000	349000	355000	MPR	Tune-up Limit
						1715 MHz	1745 MHz	1775 MHz			1715 MHz	1745 MHz	1775 MHz		
10	DFT-s	15	π/2 BPSK	1	1	24.4	24.4	24.6	0	25.2	18.5	18.3	18.4	0	19.1
				1	25	24.6	24.6	24.6	0	25.2	18.4	18.4	18.3	0	19.1
				1	50	24.6	24.6	24.4	0	25.2	18.4	18.5	18.3	0	19.1
				25	12	24.5	24.4	24.5	0	25.2	18.3	18.5	18.4	0	19.1
			QPSK	1	1	24.5	24.5	24.5	0	25.2	18.3	18.4	18.5	0	19.1
				1	25	24.6	24.5	24.6	0	25.2	18.4	18.4	18.4	0	19.1
				1	50	24.4	24.5	24.5	0	25.2	18.5	18.4	18.4	0	19.1
				25	12	24.5	24.6	24.5	0	25.2	18.4	18.4	18.4	0	19.1

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						342500	349000	355500	MPR	Tune-up Limit	342500	349000	355500	MPR	Tune-up Limit
						1712.5 MHz	1745 MHz	1777.5 MHz			1712.5 MHz	1745 MHz	1777.5 MHz		
5	DFT-s	15	π/2 BPSK	1	1	24.5	24.6	24.6	0	25.2	18.5	18.5	18.3	0	19.1
				1	12	24.4	24.5	24.5	0	25.2	18.3	18.3	18.5	0	19.1
				1	23	24.6	24.6	24.6	0	25.2	18.5	18.4	18.5	0	19.1
				12	6	24.6	24.6	24.5	0	25.2	18.5	18.4	18.4	0	19.1
			QPSK	1	1	24.5	24.4	24.5	0	25.2	18.3	18.3	18.4	0	19.1
				1	12	24.5	24.5	24.5	0	25.2	18.5	18.4	18.4	0	19.1
				1	23	24.5	24.6	24.5	0	25.2	18.5	18.3	18.5	0	19.1
				12	6	24.5	24.6	24.5	0	25.2	18.4	18.4	18.4	0	19.1

NR Band 66 Measured Results (ANT2)

BW (MHz)	OFDM Modulation Scheme	Mode	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						[redacted]	349000	[redacted]	MPR	Tune-up Limit	[redacted]	349000	[redacted]	MPR	Tune-up Limit
							1745 MHz					1745 MHz			
40	DFT-s	15	π/2 BPSK	1	1		18.8		0	19.2		19.2		0	19.6
				1	107		18.8		0	19.2		19.2		0	19.6
				1	214		18.6		0	19.2		19.1		0	19.6
				108	54		18.7		0	19.2		19.0		0	19.6
			QPSK	1	1		18.8		0	19.2		19.1		0	19.6
				1	107		18.7		0	19.2		19.0		0	19.6
				1	214		18.7		0	19.2		19.1		0	19.6
				108	54		18.6		0	19.2		19.0		0	19.6

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						[redacted]	349000	[redacted]	MPR	Tune-up Limit	[redacted]	349000	[redacted]	MPR	Tune-up Limit
							1745 MHz					1745 MHz			
30	DFT-s	15	π/2 BPSK	1	1		18.6		0	19.2		18.6		0	19.6
				1	79		18.6		0	19.2		18.6		0	19.6
				1	158		18.6		0	19.2		18.6		0	19.6
				80	40		18.6		0	19.2		18.6		0	19.6
			QPSK	1	1		18.7		0	19.2		18.7		0	19.6
				1	79		18.7		0	19.2		18.7		0	19.6
				1	158		18.7		0	19.2		18.7		0	19.6
				80	40		18.6		0	19.2		18.6		0	19.6

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						344000	349000	354000	MPR	Tune-up Limit	344000	349000	354000	MPR	Tune-up Limit
						1720 MHz	1745 MHz	1770 MHz			1720 MHz	1745 MHz	1770 MHz		
20	DFT-s	15	π/2 BPSK	1	1	18.7	18.6	18.6	0	19.2	18.7	18.6	18.6	0	19.6
				1	52	18.5	18.6	18.7	0	19.2	18.5	18.6	18.7	0	19.6
				1	104	18.6	18.7	18.7	0	19.2	18.6	18.7	18.7	0	19.6
				50	25	18.6	18.7	18.6	0	19.2	18.6	18.7	18.6	0	19.6
			QPSK	1	1	18.7	18.7	18.6	0	19.2	18.7	18.7	18.6	0	19.6
				1	52	18.7	18.6	18.6	0	19.2	18.7	18.6	18.6	0	19.6
				1	104	18.7	18.7	18.6	0	19.2	18.7	18.7	18.6	0	19.6
				50	25	18.6	18.7	18.6	0	19.2	18.6	18.7	18.6	0	19.6

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						343500	349000	354500	MPR	Tune-up Limit	343500	349000	354500	MPR	Tune-up Limit
						1717.5 MHz	1745 MHz	1772.5 MHz			1717.5 MHz	1745 MHz	1772.5 MHz		
15	DFT-s	15	π/2 BPSK	1	1	18.6	18.7	18.7	0	19.2	18.6	18.7	18.7	0	19.6
				1	39	18.6	18.6	18.6	0	19.2	18.6	18.6	18.6	0	19.6
				1	77	18.7	18.7	18.7	0	19.2	18.7	18.7	18.7	0	19.6
				36	18	18.6	18.6	18.6	0	19.2	18.6	18.6	18.6	0	19.6
			QPSK	1	1	18.7	18.7	18.6	0	19.2	18.7	18.7	18.6	0	19.6
				1	39	18.6	18.6	18.6	0	19.2	18.6	18.6	18.6	0	19.6
				1	77	18.7	18.7	18.6	0	19.2	18.7	18.7	18.6	0	19.6
				36	18	18.6	18.6	18.7	0	19.2	18.6	18.6	18.7	0	19.6

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						343000	349000	355000	MPR	Tune-up Limit	343000	349000	355000	MPR	Tune-up Limit
						1715 MHz	1745 MHz	1775 MHz			1715 MHz	1745 MHz	1775 MHz		
10	DFT-s	15	π/2 BPSK	1	1	18.7	18.6	18.7	0	19.2	18.7	18.6	18.7	0	19.6
				1	25	18.6	18.6	18.6	0	19.2	18.6	18.6	18.6	0	19.6
				1	50	18.6	18.6	18.7	0	19.2	18.6	18.6	18.7	0	19.6
				25	12	18.7	18.6	18.6	0	19.2	18.7	18.6	18.6	0	19.6
			QPSK	1	1	18.6	18.6	18.6	0	19.2	18.6	18.6	18.6	0	19.6
				1	25	18.7	18.6	18.7	0	19.2	18.7	18.6	18.7	0	19.6
				1	50	18.6	18.6	18.7	0	19.2	18.6	18.6	18.7	0	19.6
				25	12	18.6	18.7	18.6	0	19.2	18.6	18.7	18.6	0	19.6

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						342500	349000	355500	MPR	Tune-up Limit	342500	349000	355500	MPR	Tune-up Limit
						1712.5 MHz	1745 MHz	1777.5 MHz			1712.5 MHz	1745 MHz	1777.5 MHz		
5	DFT-s	15	π/2 BPSK	1	1	18.6	18.6	18.6	0	19.2	18.6	18.6	18.6	0	19.6
				1	12	18.7	18.7	18.6	0	19.2	18.7	18.7	18.6	0	19.6
				1	23	18.7	18.6	18.6	0	19.2	18.7	18.6	18.6	0	19.6
				12	6	18.7	18.6	18.6	0	19.2	18.7	18.6	18.6	0	19.6
			QPSK	1	1	18.6	18.6	18.7	0	19.2	18.6	18.6	18.7	0	19.6
				1	12	18.6	18.7	18.6	0	19.2	18.6	18.7	18.6	0	19.6
				1	23	18.6	18.7	18.6	0	19.2	18.6	18.7	18.6	0	19.6
				12	6	18.7	18.6	18.7	0	19.2	18.7	18.6	18.7	0	19.6

NR Band 66 Measured Results (ANT3)

BW (MHz)	OFDM Modulation Scheme	Mode	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						[redacted]	349000	[redacted]	MPR	Tune-up Limit	[redacted]	349000	[redacted]	MPR	Tune-up Limit
							1745 MHz					1745 MHz			
40	DFT-s	15	π/2 BPSK	1	1		24.5		0	25.2		20.0		0	20.7
				1	107		24.6		0	25.2		20.1		0	20.7
				1	214		24.3		0	25.2		20.0		0	20.7
				108	54		24.5		0	25.2		20.0		0	20.7
			QPSK	1	1		24.4		0	25.2		19.9		0	20.7
				1	107		24.5		0	25.2		20.0		0	20.7
				1	214		24.4		0	25.2		19.8		0	20.7
				108	54		24.4		0	25.2		19.9		0	20.7

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						[redacted]	349000	[redacted]	MPR	Tune-up Limit	[redacted]	349000	[redacted]	MPR	Tune-up Limit
							1745 MHz					1745 MHz			
30	DFT-s	15	π/2 BPSK	1	1		24.5		0	25.2		19.9		0	20.7
				1	79		24.3		0	25.2		20.0		0	20.7
				1	158		24.4		0	25.2		19.8		0	20.7
				80	40		24.4		0	25.2		19.9		0	20.7
			QPSK	1	1		24.5		0	25.2		20.0		0	20.7
				1	79		24.5		0	25.2		19.9		0	20.7
				1	158		24.4		0	25.2		19.9		0	20.7
				80	40		24.4		0	25.2		19.9		0	20.7

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						344000	349000	354000	MPR	Tune-up Limit	344000	349000	354000	MPR	Tune-up Limit
						1720 MHz	1745 MHz	1770 MHz			1720 MHz	1745 MHz	1770 MHz		
20	DFT-s	15	π/2 BPSK	1	1	24.5	24.5	24.4	0	25.2	19.8	19.8	19.8	0	20.7
				1	52	24.4	24.4	24.3	0	25.2	19.8	19.9	19.9	0	20.7
				1	104	24.5	24.5	24.4	0	25.2	19.9	19.9	19.9	0	20.7
				50	25	24.5	24.4	24.4	0	25.2	19.9	19.9	19.8	0	20.7
			QPSK	1	1	24.5	24.5	24.4	0	25.2	20.0	19.9	19.8	0	20.7
				1	52	24.5	24.4	24.5	0	25.2	19.8	19.9	20.0	0	20.7
				1	104	24.5	24.4	24.4	0	25.2	19.9	19.9	19.9	0	20.7
				50	25	24.4	24.4	24.4	0	25.2	19.9	20.0	19.9	0	20.7

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						343500	349000	354500	MPR	Tune-up Limit	343500	349000	354500	MPR	Tune-up Limit
						1717.5 MHz	1745 MHz	1772.5 MHz			1717.5 MHz	1745 MHz	1772.5 MHz		
15	DFT-s	15	π/2 BPSK	1	1	24.5	24.4	24.5	0	25.2	19.9	19.9	20.0	0	20.7
				1	39	24.5	24.4	24.4	0	25.2	19.9	19.9	20.0	0	20.7
				1	77	24.5	24.4	24.5	0	25.2	19.9	20.0	19.9	0	20.7
				36	18	24.5	24.4	24.5	0	25.2	19.9	19.9	19.9	0	20.7
			QPSK	1	1	24.5	24.5	24.5	0	25.2	20.0	19.8	20.0	0	20.7
				1	39	24.5	24.4	24.4	0	25.2	19.8	20.0	19.9	0	20.7
				1	77	24.5	24.4	24.3	0	25.2	19.8	19.8	20.0	0	20.7
				36	18	24.4	24.3	24.4	0	25.2	20.0	19.9	19.9	0	20.7

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						343000	349000	355000	MPR	Tune-up Limit	343000	349000	355000	MPR	Tune-up Limit
						1715 MHz	1745 MHz	1775 MHz			1715 MHz	1745 MHz	1775 MHz		
10	DFT-s	15	π/2 BPSK	1	1	24.4	24.4	24.4	0	25.2	20.0	19.8	19.9	0	20.7
				1	25	24.5	24.4	24.4	0	25.2	20.0	19.9	20.0	0	20.7
				1	50	24.3	24.4	24.3	0	25.2	19.8	20.0	19.8	0	20.7
				25	12	24.3	24.5	24.4	0	25.2	19.9	20.0	19.9	0	20.7
			QPSK	1	1	24.4	24.3	24.4	0	25.2	19.9	19.9	20.0	0	20.7
				1	25	24.3	24.5	24.4	0	25.2	20.0	20.0	19.9	0	20.7
				1	50	24.3	24.4	24.5	0	25.2	19.9	20.0	20.0	0	20.7
				25	12	24.5	24.5	24.4	0	25.2	20.0	20.0	20.0	0	20.7

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						342500	349000	355500	MPR	Tune-up Limit	342500	349000	355500	MPR	Tune-up Limit
						1712.5 MHz	1745 MHz	1777.5 MHz			1712.5 MHz	1745 MHz	1777.5 MHz		
5	DFT-s	15	π/2 BPSK	1	1	24.3	24.5	24.3	0	25.2	19.9	19.9	19.8	0	20.7
				1	12	24.4	24.4	24.4	0	25.2	19.9	19.8	20.0	0	20.7
				1	23	24.4	24.4	24.4	0	25.2	19.8	19.8	19.8	0	20.7
				12	6	24.3	24.4	24.4	0	25.2	19.9	19.9	19.8	0	20.7
			QPSK	1	1	24.4	24.4	24.4	0	25.2	19.8	19.9	19.9	0	20.7
				1	12	24.5	24.5	24.4	0	25.2	19.9	19.8	19.9	0	20.7
				1	23	24.5	24.4	24.4	0	25.2	20.0	20.0	19.9	0	20.7
				12	6	24.3	24.4	24.5	0	25.2	19.9	19.9	19.9	0	20.7

NR Band 66 Measured Results (ANT4)

BW (MHz)	OFDM Modulation Scheme	Mode	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
							349000		MPR	Tune-up Limit		349000		MPR	Tune-up Limit
							1745 MHz					1745 MHz			
40	DFT-s	15	π/2 BPSK	1	1		19.9		0	20.3		19.9		0	20.4
				1	107		19.9		0	20.3		19.9		0	20.4
				1	214		19.8		0	20.3		19.8		0	20.4
				108	54		19.9		0	20.3		19.9		0	20.4
			QPSK	1	1		19.7		0	20.3		19.7		0	20.4
				1	107		19.7		0	20.3		19.7		0	20.4
				1	214		19.5		0	20.3		19.5		0	20.4
				108	54		19.6		0	20.3		19.6		0	20.4

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
							349000		MPR	Tune-up Limit		349000		MPR	Tune-up Limit
							1745 MHz					1745 MHz			
30	DFT-s	15	π/2 BPSK	1	1		19.5		0	20.3		19.5		0	20.4
				1	79		19.7		0	20.3		19.7		0	20.4
				1	158		19.8		0	20.3		19.8		0	20.4
				80	40		19.8		0	20.3		19.8		0	20.4
			QPSK	1	1		19.9		0	20.3		19.9		0	20.4
				1	79		19.7		0	20.3		19.7		0	20.4
				1	158		19.8		0	20.3		19.8		0	20.4
				80	40		19.9		0	20.3		19.9		0	20.4

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						344000	349000	354000	MPR	Tune-up Limit	344000	349000	354000	MPR	Tune-up Limit
						1720 MHz	1745 MHz	1770 MHz			1720 MHz	1745 MHz	1770 MHz		
20	DFT-s	15	π/2 BPSK	1	1	19.8	19.6	19.6	0	20.3	19.8	19.6	19.6	0	20.4
				1	52	19.7	19.8	19.7	0	20.3	19.7	19.8	19.7	0	20.4
				1	104	19.8	19.7	19.7	0	20.3	19.8	19.7	19.7	0	20.4
				50	25	19.9	19.9	19.8	0	20.3	19.9	19.9	19.8	0	20.4
			QPSK	1	1	19.7	19.6	19.6	0	20.3	19.7	19.6	19.6	0	20.4
				1	52	19.9	19.8	19.7	0	20.3	19.9	19.8	19.7	0	20.4
				1	104	19.9	19.7	19.6	0	20.3	19.9	19.7	19.6	0	20.4
				50	25	19.9	19.7	19.8	0	20.3	19.9	19.7	19.8	0	20.4

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						343500	349000	354500	MPR	Tune-up Limit	343500	349000	354500	MPR	Tune-up Limit
						1717.5 MHz	1745 MHz	1772.5 MHz			1717.5 MHz	1745 MHz	1772.5 MHz		
15	DFT-s	15	π/2 BPSK	1	1	19.5	19.7	19.7	0	20.3	19.5	19.7	19.7	0	20.4
				1	39	19.9	19.7	19.7	0	20.3	19.9	19.7	19.7	0	20.4
				1	77	19.7	19.5	19.6	0	20.3	19.7	19.5	19.6	0	20.4
				36	18	19.6	19.5	19.9	0	20.3	19.6	19.5	19.9	0	20.4
			QPSK	1	1	19.7	19.7	19.8	0	20.3	19.7	19.7	19.8	0	20.4
				1	39	19.9	19.8	19.8	0	20.3	19.9	19.8	19.8	0	20.4
				1	77	19.7	19.7	19.6	0	20.3	19.7	19.7	19.6	0	20.4
				36	18	19.5	19.6	19.8	0	20.3	19.5	19.6	19.8	0	20.4

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						343000	349000	355000	MPR	Tune-up Limit	343000	349000	355000	MPR	Tune-up Limit
						1715 MHz	1745 MHz	1775 MHz			1715 MHz	1745 MHz	1775 MHz		
10	DFT-s	15	π/2 BPSK	1	1	19.8	19.6	19.6	0	20.3	19.8	19.6	19.6	0	20.4
				1	25	19.8	19.8	19.7	0	20.3	19.8	19.8	19.7	0	20.4
				1	50	19.8	19.8	19.7	0	20.3	19.8	19.8	19.7	0	20.4
				25	12	19.9	19.9	19.6	0	20.3	19.9	19.9	19.6	0	20.4
			QPSK	1	1	19.5	19.8	19.7	0	20.3	19.5	19.8	19.7	0	20.4
				1	25	19.8	19.7	19.7	0	20.3	19.8	19.7	19.7	0	20.4
				1	50	19.5	19.6	19.6	0	20.3	19.5	19.6	19.6	0	20.4
				25	12	19.7	19.6	19.9	0	20.3	19.7	19.6	19.9	0	20.4

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						342500	349000	355500	MPR	Tune-up Limit	342500	349000	355500	MPR	Tune-up Limit
						1712.5 MHz	1745 MHz	1777.5 MHz			1712.5 MHz	1745 MHz	1777.5 MHz		
5	DFT-s	15	π/2 BPSK	1	1	19.7	19.8	19.7	0	20.3	19.7	19.8	19.7	0	20.4
				1	12	19.7	19.8	19.9	0	20.3	19.7	19.8	19.9	0	20.4
				1	23	19.7	19.6	19.6	0	20.3	19.7	19.6	19.6	0	20.4
				12	6	19.6	19.5	19.8	0	20.3	19.6	19.5	19.8	0	20.4
			QPSK	1	1	19.7	19.9	19.5	0	20.3	19.7	19.9	19.5	0	20.4
				1	12	19.9	19.6	19.6	0	20.3	19.9	19.6	19.6	0	20.4
				1	23	19.8	19.6	19.7	0	20.3	19.8	19.6	19.7	0	20.4
				12	6	19.7	19.8	19.8	0	20.3	19.7	19.8	19.8	0	20.4

NR Band 70 Measured Results (ANT1)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						[redacted]	340500	[redacted]	MPR	Tune-up Limit	[redacted]	340500	[redacted]	MPR	Tune-up Limit
							1702.5 MHz					1702.5 MHz			
15	DFT-s	15	π/2 BPSK	1	1		24.6		0	25.2		18.4		0	19.1
				1	39		24.6		0	25.2		18.5		0	19.1
				1	77		24.5		0	25.2		18.3		0	19.1
				36	18		24.5		0	25.2		18.4		0	19.1
			QPSK	1	1		24.5		0	25.2		18.3		0	19.1
				1	39		24.4		0	25.2		18.3		0	19.1
				1	77		24.5		0	25.2		18.3		0	19.1
				36	18		24.5		0	25.2		18.3		0	19.1
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						[redacted]	340500	[redacted]	MPR	Tune-up Limit	[redacted]	340500	[redacted]	MPR	Tune-up Limit
							1702.5 MHz					1702.5 MHz			
10	DFT-s	15	π/2 BPSK	1	1		24.5		0	25.2		18.2		0	19.1
				1	25		24.6		0	25.2		18.3		0	19.1
				1	50		24.3		0	25.2		18.3		0	19.1
				25	12		24.4		0	25.2		18.3		0	19.1
			QPSK	1	1		24.4		0	25.2		18.4		0	19.1
				1	25		24.3		0	25.2		18.3		0	19.1
				1	50		24.5		0	25.2		18.3		0	19.1
				25	12		24.4		0	25.2		18.4		0	19.1
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						339500	340500	341500	MPR	Tune-up Limit	339500	340500	341500	MPR	Tune-up Limit
						1697.5 MHz	1702.5 MHz	1707.5 MHz			1697.5 MHz	1702.5 MHz	1707.5 MHz		
5	DFT-s	15	π/2 BPSK	1	1	24.5	24.4	24.3	0	25.2	18.3	18.3	18.3	0	19.1
				1	12	24.5	24.4	24.5	0	25.2	18.4	18.2	18.3	0	19.1
				1	23	24.5	24.5	24.4	0	25.2	18.3	18.2	18.3	0	19.1
				12	6	24.3	24.5	24.4	0	25.2	18.4	18.4	18.3	0	19.1
			QPSK	1	1	24.5	24.5	24.3	0	25.2	18.4	18.3	18.3	0	19.1
				1	12	24.5	24.3	24.4	0	25.2	18.2	18.4	18.2	0	19.1
				1	23	24.5	24.4	24.5	0	25.2	18.4	18.3	18.2	0	19.1
				12	6	24.4	24.3	24.4	0	25.2	18.3	18.3	18.2	0	19.1

NR Band 70 Measured Results (ANT2)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						[redacted]	340500	[redacted]	MPR	Tune-up Limit	[redacted]	340500	[redacted]	MPR	Tune-up Limit
							1702.5 MHz					1702.5 MHz			
15	DFT-s	15	π/2 BPSK	1	1		18.9		0	19.2		19.1		0	19.6
				1	39		18.9		0	19.2		19.1		0	19.6
				1	77		18.8		0	19.2		18.9		0	19.6
				36	18		18.8		0	19.2		18.9		0	19.6
			QPSK	1	1		18.8		0	19.2		19.1		0	19.6
				1	39		18.9		0	19.2		19.0		0	19.6
				1	77		18.8		0	19.2		18.9		0	19.6
				36	18		18.7		0	19.2		18.9		0	19.6
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						[redacted]	340500	[redacted]	MPR	Tune-up Limit	[redacted]	340500	[redacted]	MPR	Tune-up Limit
							1702.5 MHz					1702.5 MHz			
10	DFT-s	15	π/2 BPSK	1	1		18.8		0	19.2		18.9		0	19.6
				1	25		18.9		0	19.2		18.8		0	19.6
				1	50		18.7		0	19.2		18.8		0	19.6
				25	12		18.8		0	19.2		18.7		0	19.6
			QPSK	1	1		18.8		0	19.2		18.9		0	19.6
				1	25		18.7		0	19.2		18.8		0	19.6
				1	50		18.7		0	19.2		18.8		0	19.6
				25	12		18.7		0	19.2		18.8		0	19.6
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						339500	340500	341500	MPR	Tune-up Limit	339500	340500	341500	MPR	Tune-up Limit
						1697.5 MHz	1702.5 MHz	1707.5 MHz			1697.5 MHz	1702.5 MHz	1707.5 MHz		
5	DFT-s	15	π/2 BPSK	1	1	18.9	18.8	18.7	0	19.2	18.8	18.9	18.8	0	19.6
				1	12	18.9	18.9	18.9	0	19.2	18.7	18.7	18.8	0	19.6
				1	23	18.8	18.9	18.8	0	19.2	18.8	18.9	18.8	0	19.6
				12	6	18.7	18.7	18.8	0	19.2	18.8	18.8	18.7	0	19.6
			QPSK	1	1	18.9	18.8	18.8	0	19.2	18.9	18.7	18.8	0	19.6
				1	12	18.7	18.8	18.9	0	19.2	18.8	18.7	18.7	0	19.6
				1	23	18.8	18.7	18.7	0	19.2	18.8	18.7	18.8	0	19.6
				12	6	18.7	18.8	18.9	0	19.2	18.8	18.7	18.9	0	19.6

NR Band 70 Measured Results (ANT3)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
							340500		MPR	Tune-up Limit		340500		MPR	Tune-up Limit
							1702.5 MHz					1702.5 MHz			
15	DFT-s	15	π/2 BPSK	1	1		24.6		0	25.2		20.1		0	20.7
				1	39		24.7		0	25.2		20.2		0	20.7
				1	77		24.5		0	25.2		20.0		0	20.7
				36	18		24.6		0	25.2		20.1		0	20.7
			QPSK	1	1		24.6		0	25.2		20.1		0	20.7
				1	39		24.6		0	25.2		20.1		0	20.7
				1	77		24.5		0	25.2		20.0		0	20.7
				36	18		24.4		0	25.2		19.9		0	20.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
							340500		MPR	Tune-up Limit		340500		MPR	Tune-up Limit
							1702.5 MHz					1702.5 MHz			
10	DFT-s	15	π/2 BPSK	1	1		24.4		0	25.2		19.9		0	20.7
				1	25		24.6		0	25.2		20.0		0	20.7
				1	50		24.6		0	25.2		19.9		0	20.7
				25	12		24.5		0	25.2		19.9		0	20.7
			QPSK	1	1		24.5		0	25.2		20.1		0	20.7
				1	25		24.6		0	25.2		20.1		0	20.7
				1	50		24.4		0	25.2		19.9		0	20.7
				25	12		24.5		0	25.2		20.0		0	20.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						339500	340500	341500	MPR	Tune-up Limit	339500	340500	341500	MPR	Tune-up Limit
						1697.5 MHz	1702.5 MHz	1707.5 MHz			1697.5 MHz	1702.5 MHz	1707.5 MHz		
5	DFT-s	15	π/2 BPSK	1	1	24.5	24.4	24.4	0	25.2	19.9	20.1	20.0	0	20.7
				1	12	24.4	24.5	24.4	0	25.2	20.1	20.1	20.1	0	20.7
				1	23	24.6	24.6	24.6	0	25.2	20.0	19.9	20.1	0	20.7
				12	6	24.6	24.5	24.4	0	25.2	20.1	20.0	19.9	0	20.7
			QPSK	1	1	24.6	24.5	24.6	0	25.2	20.0	20.0	20.1	0	20.7
				1	12	24.5	24.4	24.5	0	25.2	20.0	20.1	20.0	0	20.7
				1	23	24.4	24.5	24.5	0	25.2	19.9	20.1	20.0	0	20.7
				12	6	24.6	24.4	24.5	0	25.2	20.1	20.1	20.1	0	20.7

NR Band 70 Measured Results (ANT4)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
							340500		MPR	Tune-up Limit		340500		MPR	Tune-up Limit
							1702.5 MHz					1702.5 MHz			
15	DFT-s	15	π/2 BPSK	1	1		19.8		0	20.3		19.8		0	20.4
				1	39		20.0		0	20.3		20.0		0	20.4
				1	77		19.9		0	20.3		19.9		0	20.4
				36	18		19.9		0	20.3		19.9		0	20.4
			QPSK	1	1		19.5		0	20.3		19.5		0	20.4
				1	39		19.5		0	20.3		19.5		0	20.4
				1	77		19.5		0	20.3		19.5		0	20.4
				36	18		19.7		0	20.3		19.7		0	20.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
							340500		MPR	Tune-up Limit		340500		MPR	Tune-up Limit
							1702.5 MHz					1702.5 MHz			
10	DFT-s	15	π/2 BPSK	1	1		19.9		0	20.3		19.9		0	20.4
				1	25		19.9		0	20.3		19.9		0	20.4
				1	50		19.9		0	20.3		19.9		0	20.4
				25	12		19.9		0	20.3		19.9		0	20.4
			QPSK	1	1		19.9		0	20.3		19.9		0	20.4
				1	25		19.9		0	20.3		19.9		0	20.4
				1	50		19.9		0	20.3		19.9		0	20.4
				25	12		19.9		0	20.3		19.9		0	20.4
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						339500	340500	341500	MPR	Tune-up Limit	339500	340500	341500	MPR	Tune-up Limit
						1697.5 MHz	1702.5 MHz	1707.5 MHz			1697.5 MHz	1702.5 MHz	1707.5 MHz		
5	DFT-s	15	π/2 BPSK	1	1	19.9	19.9	19.9	0	20.3	19.9	19.9	19.9	0	20.4
				1	12	19.9	19.9	19.9	0	20.3	19.9	19.9	19.9	0	20.4
				1	23	19.9	19.9	19.9	0	20.3	19.9	19.9	19.9	0	20.4
				12	6	19.9	19.9	19.9	0	20.3	19.9	19.9	19.9	0	20.4
			QPSK	1	1	19.9	19.9	19.9	0	20.3	19.9	19.9	19.9	0	20.4
				1	12	19.9	19.9	19.9	0	20.3	19.9	19.9	19.9	0	20.4
				1	23	19.9	19.9	19.9	0	20.3	19.9	19.9	19.9	0	20.4
				12	6	19.9	19.9	19.9	0	20.3	19.9	19.9	19.9	0	20.4

NR Band 71 Measured Results (ANT1)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						[redacted]	136100	[redacted]	MPR	Tune-up Limit	[redacted]	136100	[redacted]	MPR	Tune-up Limit
							680.5 MHz					680.5 MHz			
20	DFT-s	15	π/2 BPSK	1	1		25.2		0	25.7		25.2		0	25.7
				1	52		25.3		0	25.7		25.3		0	25.7
				1	104		25.1		0	25.7		25.1		0	25.7
				50	25		25.3		0	25.7		25.3		0	25.7
			QPSK	1	1		25.3		0	25.7		25.3		0	25.7
				1	52		25.2		0	25.7		25.2		0	25.7
				1	104		25.2		0	25.7		25.2		0	25.7
				50	25		25.1		0	25.7		25.1		0	25.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						[redacted]	136100	[redacted]	MPR	Tune-up Limit	[redacted]	136100	[redacted]	MPR	Tune-up Limit
							680.5 MHz					680.5 MHz			
15	DFT-s	15	π/2 BPSK	1	1		25.3		0	25.7		25.3		0	25.7
				1	39		25.1		0	25.7		25.1		0	25.7
				1	77		25.2		0	25.7		25.2		0	25.7
				36	18		25.1		0	25.7		25.1		0	25.7
			QPSK	1	1		25.3		0	25.7		25.3		0	25.7
				1	39		25.2		0	25.7		25.2		0	25.7
				1	77		25.1		0	25.7		25.1		0	25.7
				36	18		25.1		0	25.7		25.1		0	25.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						133600	136100	138600	MPR	Tune-up Limit	133600	136100	138600	MPR	Tune-up Limit
						668 MHz	680.5 MHz	693 MHz			668 MHz	680.5 MHz	693 MHz		
10	DFT-s	15	π/2 BPSK	1	1	25.1	25.2	25.3	0	25.7	25.1	25.2	25.3	0	25.7
				1	25	25.1	25.2	25.1	0	25.7	25.1	25.2	25.1	0	25.7
				1	50	25.1	25.3	25.3	0	25.7	25.1	25.3	25.3	0	25.7
				25	12	25.2	25.2	25.2	0	25.7	25.2	25.2	25.2	0	25.7
			QPSK	1	1	25.1	25.2	25.3	0	25.7	25.1	25.2	25.3	0	25.7
				1	25	25.3	25.3	25.2	0	25.7	25.3	25.3	25.2	0	25.7
				1	50	25.2	25.3	25.2	0	25.7	25.2	25.3	25.2	0	25.7
				25	12	25.3	25.2	25.2	0	25.7	25.3	25.2	25.2	0	25.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						133100	136100	139100	MPR	Tune-up Limit	133100	136100	139100	MPR	Tune-up Limit
						665.5 MHz	680.5 MHz	695.5 MHz			665.5 MHz	680.5 MHz	695.5 MHz		
5	DFT-s	15	π/2 BPSK	1	1	25.3	25.1	25.3	0	25.7	25.3	25.1	25.3	0	25.7
				1	12	25.2	25.1	25.1	0	25.7	25.2	25.1	25.1	0	25.7
				1	23	25.1	25.2	25.2	0	25.7	25.1	25.2	25.2	0	25.7
				12	6	25.2	25.2	25.2	0	25.7	25.2	25.2	25.2	0	25.7
			QPSK	1	1	25.3	25.2	25.3	0	25.7	25.3	25.2	25.3	0	25.7
				1	12	25.2	25.2	25.2	0	25.7	25.2	25.2	25.2	0	25.7
				1	23	25.2	25.2	25.2	0	25.7	25.2	25.2	25.2	0	25.7
				12	6	25.1	25.1	25.2	0	25.7	25.1	25.1	25.2	0	25.7

NR Band 71 Measured Results (ANT2)

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)				Power Mode B (dBm)			
						136100	MPR	Tune-up Limit		136100	MPR	Tune-up Limit	
						680.5 MHz				680.5 MHz			
20	DFT-s	15	π/2 BPSK	1	1	22.6	0	23.1		24.3	0	24.7	
				1	52	22.7	0	23.1		24.4	0	24.7	
				1	104	22.4	0	23.1		24.1	0	24.7	
				50	25	22.7	0	23.1		24.3	0	24.7	
			QPSK	1	1	22.6	0	23.1		24.3	0	24.7	
				1	52	22.7	0	23.1		24.3	0	24.7	
				1	104	22.4	0	23.1		24.0	0	24.7	
				50	25	22.6	0	23.1		24.3	0	24.7	

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)				Power Mode B (dBm)			
						136100	MPR	Tune-up Limit		136100	MPR	Tune-up Limit	
						680.5 MHz				680.5 MHz			
15	DFT-s	15	π/2 BPSK	1	1	22.4	0	23.1		24.3	0	24.7	
				1	39	22.4	0	23.1		24.3	0	24.7	
				1	77	22.6	0	23.1		24.3	0	24.7	
				36	18	22.6	0	23.1		24.3	0	24.7	
			QPSK	1	1	22.7	0	23.1		24.1	0	24.7	
				1	39	22.6	0	23.1		24.2	0	24.7	
				1	77	22.5	0	23.1		24.1	0	24.7	
				36	18	22.4	0	23.1		24.1	0	24.7	

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						133600	136100	138600	MPR	Tune-up Limit	133600	136100	138600	MPR	Tune-up Limit
						668 MHz	680.5 MHz	693 MHz			668 MHz	680.5 MHz	693 MHz		
10	DFT-s	15	π/2 BPSK	1	1	22.5	22.6	22.6	0	23.1	24.1	24.2	24.3	0	24.7
				1	25	22.6	22.5	22.7	0	23.1	24.3	24.2	24.0	0	24.7
				1	50	22.4	22.5	22.5	0	23.1	24.2	24.1	24.1	0	24.7
				25	12	22.6	22.4	22.4	0	23.1	24.1	24.1	24.3	0	24.7
			QPSK	1	1	22.6	22.6	22.5	0	23.1	24.1	24.2	24.2	0	24.7
				1	25	22.5	22.6	22.5	0	23.1	24.1	24.1	24.1	0	24.7
				1	50	22.5	22.6	22.5	0	23.1	24.1	24.3	24.2	0	24.7
				25	12	22.4	22.4	22.7	0	23.1	24.2	24.1	24.1	0	24.7

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						133100	136100	139100	MPR	Tune-up Limit	133100	136100	139100	MPR	Tune-up Limit
						665.5 MHz	680.5 MHz	695.5 MHz			665.5 MHz	680.5 MHz	695.5 MHz		
5	DFT-s	15	π/2 BPSK	1	1	22.4	22.4	22.5	0	23.1	24.1	24.2	24.2	0	24.7
				1	12	22.6	22.6	22.6	0	23.1	24.1	24.1	24.1	0	24.7
				1	23	22.7	22.7	22.5	0	23.1	24.1	24.3	24.2	0	24.7
				12	6	22.7	22.7	22.6	0	23.1	24.2	24.1	24.1	0	24.7
			QPSK	1	1	22.4	22.4	22.5	0	23.1	24.2	24.0	24.1	0	24.7
				1	12	22.6	22.6	22.6	0	23.1	24.0	24.2	24.2	0	24.7
				1	23	22.7	22.7	22.5	0	23.1	24.2	24.2	24.2	0	24.7
				12	6	22.7	22.7	22.6	0	23.1	24.1	24.0	24.3	0	24.7

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

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm) 633332 3499.98 MHz	MPR	Tune-up Limit	Power Mode B (dBm) 633332 3499.98 MHz	MPR	Tune-up Limit
100	DFT-s	30	π/2 BPSK	1	1	21.4	0	22.6	17.8	0	18.7
				1	136	21.5	0	22.6	17.9	0	18.7
				1	271	21.2	0	22.6	17.8	0	18.7
				135	67	21.4	0	22.6	17.8	0	18.7
			QPSK	1	1	21.4	0	22.6	17.8	0	18.7
				1	136	21.3	0	22.6	17.7	0	18.7
				1	271	21.1	0	22.6	17.8	0	18.7
				135	67	21.2	0	22.6	17.7	0	18.7

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm) 633332 3499.98 MHz	MPR	Tune-up Limit	Power Mode B (dBm) 633332 3499.98 MHz	MPR	Tune-up Limit
90	DFT-s	30	π/2 BPSK	1	1	21.1	0	22.6	17.7	0	18.7
				1	122	21.2	0	22.6	17.7	0	18.7
				1	243	21.2	0	22.6	17.6	0	18.7
				121	60	21.1	0	22.6	17.6	0	18.7
			QPSK	1	1	21.2	0	22.6	17.7	0	18.7
				1	122	21.3	0	22.6	17.8	0	18.7
				1	243	21.4	0	22.6	17.6	0	18.7
				121	60	21.3	0	22.6	17.8	0	18.7

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm) 633332 3499.98 MHz	MPR	Tune-up Limit	Power Mode B (dBm) 633332 3499.98 MHz	MPR	Tune-up Limit
80	DFT-s	30	π/2 BPSK	1	1	21.2	0	22.6	17.7	0	18.7
				1	108	21.2	0	22.6	17.8	0	18.7
				1	215	21.3	0	22.6	17.7	0	18.7
				108	54	21.2	0	22.6	17.7	0	18.7
			QPSK	1	1	21.2	0	22.6	17.8	0	18.7
				1	108	21.3	0	22.6	17.7	0	18.7
				1	215	21.2	0	22.6	17.7	0	18.7
				108	54	21.3	0	22.6	17.7	0	18.7

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm) 633332 3499.98 MHz	MPR	Tune-up Limit	Power Mode B (dBm) 633332 3499.98 MHz	MPR	Tune-up Limit
70	DFT-s	30	π/2 BPSK	1	1	21.3	0	22.6	17.8	0	18.7
				1	91	21.3	0	22.6	17.6	0	18.7
				1	187	21.3	0	22.6	17.7	0	18.7
				94	47	21.1	0	22.6	17.7	0	18.7
			QPSK	1	1	21.1	0	22.6	17.6	0	18.7
				1	91	21.2	0	22.6	17.7	0	18.7
				1	187	21.1	0	22.6	17.7	0	18.7
				94	47	21.2	0	22.6	17.8	0	18.7

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm) 633332 3499.98 MHz	MPR	Tune-up Limit	Power Mode B (dBm) 633332 3499.98 MHz	MPR	Tune-up Limit
60	DFT-s	30	π/2 BPSK	1	1	21.4	0	22.6	17.7	0	18.7
				1	80	21.2	0	22.6	17.6	0	18.7
				1	160	21.3	0	22.6	17.6	0	18.7
				81	40	21.3	0	22.6	17.7	0	18.7
			QPSK	1	1	21.2	0	22.6	17.6	0	18.7
				1	80	21.2	0	22.6	17.6	0	18.7
				1	160	21.2	0	22.6	17.7	0	18.7
				81	40	21.1	0	22.6	17.6	0	18.7

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm) 633332 3499.98 MHz	MPR	Tune-up Limit	Power Mode B (dBm) 633332 3499.98 MHz	MPR	Tune-up Limit
50	DFT-s	30	π/2 BPSK	1	1	21.2	0	22.6	17.6	0	18.7
				1	66	21.2	0	22.6	17.6	0	18.7
				1	131	21.2	0	22.6	17.7	0	18.7
				64	32	21.1	0	22.6	17.6	0	18.7
			QPSK	1	1	21.3	0	22.6	17.6	0	18.7
				1	66	21.1	0	22.6	17.7	0	18.7
				1	131	21.3	0	22.6	17.7	0	18.7
				64	32	21.1	0	22.6	17.7	0	18.7

BW (MHz)	OFDM Modulation Scheme	Mode	Mode	RB Allocation	RB offset	Power Mode A (dBm) 633332 3499.98 MHz	MPR	Tune-up Limit	Power Mode B (dBm) 633332 3499.98 MHz	MPR	Tune-up Limit
40	DFT-s	30	π/2 BPSK	1	1	21.1	0	22.6	17.8	0	18.7
				1	52	21.3	0	22.6	17.7	0	18.7
				1	104	21.4	0	22.6	17.6	0	18.7
				50	25	21.2	0	22.6	17.7	0	18.7
			QPSK	1	1	21.3	0	22.6	17.8	0	18.7
				1	52	21.2	0	22.6	17.8	0	18.7
				1	104	21.2	0	22.6	17.7	0	18.7
				50	25	21.1	0	22.6	17.7	0	18.7

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

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
						[redacted]	633332	[redacted]			[redacted]	633332	[redacted]		
							3499.98 MHz					3499.98 MHz			
30	DFT-s	30	π/2 BPSK	1	1		21.1		0	22.6		17.7		0	18.7
				1	38		21.2		0	22.6		17.7		0	18.7
				1	76		21.1		0	22.6		17.6		0	18.7
				36	18		21.3		0	22.6		17.7		0	18.7
			QPSK	1	1		21.4		0	22.6		17.8		0	18.7
				1	38		21.3		0	22.6		17.6		0	18.7
				1	76		21.3		0	22.6		17.6		0	18.7
				36	18		21.2		0	22.6		17.7		0	18.7

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
						630832	633332	635832			630832	633332	635832		
						3462.48 MHz	3499.98 MHz	3537.48 MHz			3462.48 MHz	3499.98 MHz	3537.48 MHz		
25	DFT-s	30	π/2 BPSK	1	1	21.3	21.4	21.3	0	22.6	17.6	17.7	17.6	0	18.7
				1	32	21.1	21.3	21.1	0	22.6	17.8	17.6	17.6	0	18.7
				1	63	21.2	21.2	21.2	0	22.6	17.7	17.7	17.6	0	18.7
				32	16	21.3	21.1	21.1	0	22.6	17.7	17.6	17.7	0	18.7
			QPSK	1	1	21.2	21.3	21.3	0	22.6	17.8	17.7	17.7	0	18.7
				1	32	21.2	21.2	21.3	0	22.6	17.7	17.7	17.6	0	18.7
				1	63	21.2	21.1	21.4	0	22.6	17.8	17.6	17.7	0	18.7
				32	16	21.3	21.3	21.2	0	22.6	17.7	17.6	17.6	0	18.7

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
						630666	633332	635998			630666	633332	635998		
						3459.99 MHz	3499.98 MHz	3539.97 MHz			3459.99 MHz	3499.98 MHz	3539.97 MHz		
20	DFT-s	30	π/2 BPSK	1	1	21.3	21.4	21.4	0	22.6	17.7	17.6	17.7	0	18.7
				1	25	21.3	21.3	21.1	0	22.6	17.8	17.8	17.6	0	18.7
				1	49	21.4	21.1	21.3	0	22.6	17.7	17.7	17.7	0	18.7
				25	12	21.4	21.4	21.4	0	22.6	17.8	17.7	17.8	0	18.7
			QPSK	1	1	21.1	21.2	21.1	0	22.6	17.7	17.6	17.7	0	18.7
				1	25	21.3	21.2	21.3	0	22.6	17.7	17.7	17.8	0	18.7
				1	49	21.2	21.1	21.3	0	22.6	17.8	17.8	17.7	0	18.7
				25	12	21.3	21.2	21.3	0	22.6	17.8	17.7	17.8	0	18.7

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
						630500	633332	636166			630500	633332	636166		
						3457.5 MHz	3499.98 MHz	3542.49 MHz			3457.5 MHz	3499.98 MHz	3542.49 MHz		
15	DFT-s	30	π/2 BPSK	1	1	21.1	21.2	21.3	0	22.6	17.7	17.7	17.7	0	18.7
				1	18	21.1	21.3	21.1	0	22.6	17.8	17.7	17.7	0	18.7
				1	36	21.4	21.2	21.3	0	22.6	17.6	17.7	17.6	0	18.7
				18	9	21.3	21.3	21.2	0	22.6	17.7	17.7	17.8	0	18.7
			QPSK	1	1	21.3	21.1	21.1	0	22.6	17.8	17.7	17.7	0	18.7
				1	18	21.1	21.4	21.4	0	22.6	17.7	17.7	17.8	0	18.7
				1	36	21.3	21.4	21.4	0	22.6	17.7	17.7	17.7	0	18.7
				18	9	21.4	21.2	21.3	0	22.6	17.7	17.7	17.7	0	18.7

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
						630332	633332	636332			630332	633332	636332		
						3454.98 MHz	3499.98 MHz	3544.98 MHz			3454.98 MHz	3499.98 MHz	3544.98 MHz		
10	DFT-s	30	π/2 BPSK	1	1	21.3	21.3	21.2	0	22.6	17.6	17.7	17.8	0	18.7
				1	11	21.1	21.3	21.3	0	22.6	17.7	17.6	17.8	0	18.7
				1	22	21.2	21.3	21.1	0	22.6	17.6	17.7	17.8	0	18.7
				12	6	21.2	21.4	21.3	0	22.6	17.7	17.7	17.7	0	18.7
			QPSK	1	1	21.4	21.3	21.2	0	22.6	17.7	17.8	17.8	0	18.7
				1	11	21.3	21.2	21.2	0	22.6	17.7	17.8	17.8	0	18.7
				1	22	21.3	21.1	21.1	0	22.6	17.7	17.6	17.8	0	18.7
				12	6	21.3	21.3	21.3	0	22.6	17.8	17.7	17.7	0	18.7

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

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
						656000	MPR	Tune-up Limit	656000	MPR	Tune-up Limit
						3840 MHz			3840 MHz		
100	DFT-s	30	π/2 BPSK	1	1	21.1	0	22.6	17.2	0	18.7
				1	136	21.2	0	22.6	17.3	0	18.7
				1	271	21.0	0	22.6	17.2	0	18.7
				135	67	21.1	0	22.6	17.3	0	18.7
			QPSK	1	1	21.0	0	22.6	17.2	0	18.7
				1	136	21.0	0	22.6	17.1	0	18.7
				1	271	21.0	0	22.6	17.1	0	18.7
				135	67	20.9	0	22.6	17.0	0	18.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
						656000	MPR	Tune-up Limit	656000	MPR	Tune-up Limit
						3840 MHz			3840 MHz		
90	DFT-s	30	π/2 BPSK	1	1	20.9	0	22.6	17.2	0	18.7
				1	122	21.1	0	22.6	17.2	0	18.7
				1	243	21.0	0	22.6	17.0	0	18.7
				121	60	21.0	0	22.6	17.2	0	18.7
			QPSK	1	1	20.9	0	22.6	17.2	0	18.7
				1	122	20.9	0	22.6	17.0	0	18.7
				1	243	21.0	0	22.6	17.3	0	18.7
				121	60	20.8	0	22.6	17.1	0	18.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
						656000	MPR	Tune-up Limit	656000	MPR	Tune-up Limit
						3840 MHz			3840 MHz		
80	DFT-s	30	π/2 BPSK	1	1	20.9	0	22.6	17.1	0	18.7
				1	108	20.8	0	22.6	17.2	0	18.7
				1	215	20.9	0	22.6	17.0	0	18.7
				108	54	21.1	0	22.6	17.2	0	18.7
			QPSK	1	1	20.9	0	22.6	17.0	0	18.7
				1	108	20.9	0	22.6	17.1	0	18.7
				1	215	21.1	0	22.6	17.2	0	18.7
				108	54	21.0	0	22.6	17.1	0	18.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
						656000	MPR	Tune-up Limit	656000	MPR	Tune-up Limit
						3840 MHz			3840 MHz		
70	DFT-s	30	π/2 BPSK	1	1	20.9	0	22.6	17.1	0	18.7
				1	91	21.0	0	22.6	17.2	0	18.7
				1	187	21.1	0	22.6	17.2	0	18.7
				94	47	20.8	0	22.6	17.2	0	18.7
			QPSK	1	1	21.1	0	22.6	17.2	0	18.7
				1	91	21.1	0	22.6	17.3	0	18.7
				1	187	21.1	0	22.6	17.0	0	18.7
				94	47	21.2	0	22.6	17.1	0	18.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
						656000	MPR	Tune-up Limit	656000	MPR	Tune-up Limit
						3840 MHz			3840 MHz		
60	DFT-s	30	π/2 BPSK	1	1	20.9	0	22.6	17.1	0	18.7
				1	80	21.0	0	22.6	17.3	0	18.7
				1	160	21.0	0	22.6	17.2	0	18.7
				81	40	20.9	0	22.6	17.3	0	18.7
			QPSK	1	1	21.1	0	22.6	17.2	0	18.7
				1	80	20.9	0	22.6	17.3	0	18.7
				1	160	20.9	0	22.6	17.1	0	18.7
				81	40	21.0	0	22.6	17.2	0	18.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						Power Mode B (dBm)						
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						648332	652166	656000	659832	663666	MPR	Tune-up Limit	648332	652166	656000	659832	663666	MPR	Tune-up Limit
						3724.98 MHz	3782.49 MHz	3840 MHz	3897.48 MHz	3954.99 MHz			3724.98 MHz	3782.49 MHz	3840 MHz	3897.48 MHz	3954.99 MHz		
50	DFT-s	30	π/2 BPSK	1	1	20.8	21.1	21.1	21.0	21.2	0	22.6	17.0	17.1	17.1	17.2	17.2	0	18.7
				1	66	21.1	20.9	21.1	21.2	21.0	0	22.6	17.1	17.1	17.3	17.3	17.1	0	18.7
				1	131	20.9	20.9	20.9	21.2	21.0	0	22.6	17.1	17.2	17.3	17.2	17.2	0	18.7
				64	32	21.0	21.0	21.1	21.2	20.8	0	22.6	17.2	17.1	17.3	17.2	17.0	0	18.7
			QPSK	1	1	21.1	21.0	20.8	21.0	21.1	0	22.6	17.2	17.1	17.3	17.2	17.1	0	18.7
				1	66	21.2	21.2	20.9	20.9	20.8	0	22.6	17.0	17.2	17.2	17.3	17.1	0	18.7
				1	131	21.2	21.0	20.9	20.9	20.9	0	22.6	17.0	17.0	17.2	17.1	17.1	0	18.7
				64	32	21.0	21.1	21.0	21.1	20.8	0	22.6	17.3	17.1	17.2	17.2	17.2	0	18.7
BW (MHz)	OFDM Modulation Scheme	Mode	Mode	RB Allocation	RB offset	Power Mode A (dBm)						Power Mode B (dBm)						
						647998	651998	656000	659998	663998	MPR	Tune-up Limit	647998	651998	656000	659998	663998	MPR	Tune-up Limit
						3719.97 MHz	3779.97 MHz	3840 MHz	3899.97 MHz	3959.97 MHz			3719.97 MHz	3779.97 MHz	3840 MHz	3899.97 MHz	3959.97 MHz		
40	DFT-s	30	π/2 BPSK	1	1	21.0	21.0	21.1	21.1	21.1	0	22.6	17.1	17.1	17.2	17.3	17.1	0	18.7
				1	52	21.1	21.1	20.8	20.9	21.0	0	22.6	17.1	17.2	17.3	17.1	17.1	0	18.7
				1	104	21.1	21.1	21.0	20.9	21.0	0	22.6	17.1	17.1	17.0	17.2	17.2	0	18.7
				50	25	21.2	20.8	20.8	21.0	20.9	0	22.6	17.1	17.0	17.1	17.2	17.1	0	18.7
			QPSK	1	1	21.0	21.0	20.9	21.1	20.9	0	22.6	17.1	17.0	17.0	17.2	17.2	0	18.7
				1	52	21.0	21.1	20.9	20.9	20.9	0	22.6	17.2	17.2	17.1	17.1	17.1	0	18.7
				1	104	20.8	21.0	21.0	21.1	21.1	0	22.6	17.2	17.1	17.1	17.3	17.2	0	18.7
				50	25	21.0	20.9	21.2	21.0	21.2	0	22.6	17.1	17.2	17.1	17.2	17.1	0	18.7

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

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)							Power Mode B (dBm)						
						647666	651832	656000	660166	664332	MPR	Tune-up Limit	647666	651832	656000	660166	664332	MPR	Tune-up Limit
						3714.99 MHz	3777.48 MHz	3840 MHz	3902.49 MHz	3964.98 MHz			3714.99 MHz	3777.48 MHz	3840 MHz	3902.49 MHz	3964.98 MHz		
30	DFT-s	30	π/2 BPSK	1	1	21.1	21.2	20.9	20.9	21.0	0	22.6	17.0	17.2	17.1	17.1	17.2	0	18.7
				1	38	21.1	21.0	21.0	21.1	21.0	0	22.6	17.3	17.2	17.0	17.2	17.1	0	18.7
				1	76	20.9	20.9	21.0	21.1	21.2	0	22.6	17.2	17.0	17.3	17.3	17.3	0	18.7
				36	18	21.2	20.9	21.2	20.9	21.2	0	22.6	17.2	17.2	17.0	17.3	17.2	0	18.7
			QPSK	1	1	20.9	21.2	21.1	21.1	21.1	0	22.6	17.3	17.2	17.2	17.2	17.1	0	18.7
				1	38	21.0	21.1	21.0	20.9	20.9	0	22.6	17.1	17.2	17.2	17.3	17.2	0	18.7
				1	76	20.8	21.2	21.0	21.1	20.9	0	22.6	17.3	17.2	17.0	17.1	17.1	0	18.7
				36	18	21.0	20.9	20.8	21.2	21.2	0	22.6	17.1	17.2	17.0	17.0	17.1	0	18.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)							Power Mode B (dBm)						
						647498	651748	656000	660248	664498	MPR	Tune-up Limit	647498	651748	656000	660248	664498	MPR	Tune-up Limit
						3712.47 MHz	3776.22 MHz	3840 MHz	3903.72 MHz	3967.47 MHz			3712.47 MHz	3776.22 MHz	3840 MHz	3903.72 MHz	3967.47 MHz		
25	DFT-s	30	π/2 BPSK	1	1	21.0	21.0	21.2	20.9	21.0	0	22.6	17.1	17.1	17.2	17.0	17.0	0	18.7
				1	32	21.1	21.0	21.2	21.0	21.1	0	22.6	17.2	17.2	17.1	17.2	17.2	0	18.7
				1	63	20.8	21.0	21.2	21.2	21.0	0	22.6	17.2	17.2	17.2	17.0	17.3	0	18.7
				32	16	20.9	21.1	20.9	21.0	20.9	0	22.6	17.3	17.2	17.0	17.1	17.2	0	18.7
			QPSK	1	1	20.8	21.0	20.9	21.1	21.2	0	22.6	17.1	17.1	17.2	17.1	17.2	0	18.7
				1	32	20.9	20.9	21.2	21.0	21.0	0	22.6	17.2	17.1	17.1	17.1	17.1	0	18.7
				1	63	21.1	20.9	21.1	21.0	21.2	0	22.6	17.1	17.1	17.3	17.1	17.3	0	18.7
				32	16	21.1	21.0	20.9	21.1	21.0	0	22.6	17.3	17.1	17.1	17.1	17.3	0	18.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)							Power Mode B (dBm)						
						647332	651666	656000	660332	664666	MPR	Tune-up Limit	647332	651666	656000	660332	664666	MPR	Tune-up Limit
						3709.98 MHz	3774.99 MHz	3840 MHz	3904.98 MHz	3969.99 MHz			3709.98 MHz	3774.99 MHz	3840 MHz	3904.98 MHz	3969.99 MHz		
20	DFT-s	30	π/2 BPSK	1	1	20.9	21.2	21.0	21.0	21.0	0	22.6	17.2	17.1	17.0	17.3	17.1	0	18.7
				1	25	20.9	20.8	21.1	21.0	20.8	0	22.6	17.2	17.2	17.2	17.2	17.1	0	18.7
				1	49	21.2	21.0	20.8	20.9	20.8	0	22.6	17.2	17.1	17.2	17.2	17.0	0	18.7
				25	12	20.9	20.9	21.0	21.1	21.2	0	22.6	17.3	17.1	17.2	17.0	17.1	0	18.7
			QPSK	1	1	21.1	20.9	20.9	21.0	21.2	0	22.6	17.0	17.3	17.2	17.3	17.2	0	18.7
				1	25	21.0	20.9	21.1	21.2	21.2	0	22.6	17.0	17.3	17.2	17.1	17.1	0	18.7
				1	49	21.1	21.1	21.1	20.8	21.0	0	22.6	17.3	17.0	17.2	17.0	17.2	0	18.7
				25	12	20.8	21.2	21.0	21.1	21.1	0	22.6	17.2	17.2	17.0	17.2	17.2	0	18.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)							Power Mode B (dBm)						
						647166	651582	656000	660416	664832	MPR	Tune-up Limit	647166	651582	656000	660416	664832	MPR	Tune-up Limit
						3707.49 MHz	3773.73 MHz	3840 MHz	3906.24 MHz	3972.48 MHz			3707.49 MHz	3773.73 MHz	3840 MHz	3906.24 MHz	3972.48 MHz		
15	DFT-s	30	π/2 BPSK	1	1	21.0	20.9	20.9	21.1	20.9	0	22.6	17.1	17.3	17.1	17.2	17.1	0	18.7
				1	18	21.0	20.8	21.0	20.8	20.8	0	22.6	17.3	17.3	17.3	17.2	17.2	0	18.7
				1	36	21.0	21.0	20.9	21.0	20.9	0	22.6	17.2	17.2	17.1	17.2	17.1	0	18.7
				18	9	21.1	20.8	21.2	21.1	21.2	0	22.6	17.1	17.2	17.1	17.2	17.1	0	18.7
			QPSK	1	1	21.0	20.8	21.2	21.0	20.9	0	22.6	17.2	17.0	17.3	17.1	17.2	0	18.7
				1	18	20.9	20.8	20.9	21.2	21.1	0	22.6	17.2	17.2	17.2	17.1	17.0	0	18.7
				1	36	21.2	21.2	21.1	20.9	20.8	0	22.6	17.1	17.0	17.0	17.2	17.3	0	18.7
				18	9	20.8	21.1	21.2	21.0	21.1	0	22.6	17.2	17.1	17.3	17.2	17.1	0	18.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)							Power Mode B (dBm)						
						646998	651498	656000	660498	664998	MPR	Tune-up Limit	646998	651498	656000	660498	664998	MPR	Tune-up Limit
						3704.97 MHz	3772.47 MHz	3840 MHz	3907.47 MHz	3974.97 MHz			3704.97 MHz	3772.47 MHz	3840 MHz	3907.47 MHz	3974.97 MHz		
10	DFT-s	30	π/2 BPSK	1	1	20.8	20.9	20.9	20.8	20.9	0	22.6	17.2	17.2	17.1	17.1	17.1	0	18.7
				1	11	21.0	20.9	20.9	21.0	21.0	0	22.6	17.1	17.2	17.1	17.0	17.1	0	18.7
				1	22	21.1	20.8	21.1	21.0	21.0	0	22.6	17.2	17.2	17.1	17.1	17.2	0	18.7
				12	6	21.1	20.9	21.1	20.8	20.8	0	22.6	17.3	17.1	17.0	17.2	17.1	0	18.7
			QPSK	1	1	21.1	21.1	20.8	20.9	21.0	0	22.6	17.1	17.0	17.2	17.3	17.0	0	18.7
				1	11	20.8	21.2	20.8	21.0	21.1	0	22.6	17.0	17.1	17.2	17.3	17.3	0	18.7
				1	22	21.0	21.1	21.1	21.0	21.1	0	22.6	17.2	17.2	17.1	17.1	17.1	0	18.7
				12	6	21.2	21.0	21.2	20.8	21.2	0	22.6	17.1	17.2	17.2	17.2	17.1	0	18.7

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

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm) 633332 3499.98 MHz	MPR	Tune-up Limit	Power Mode B (dBm) 633332 3499.98 MHz	MPR	Tune-up Limit
100	DFT-s	30	π/2 BPSK	1	1	19.3	0	20	18.1	0	18.7
				1	136	19.4	0	20	18.2	0	18.7
				1	271	19.2	0	20	18.1	0	18.7
				135	67	19.4	0	20	18.1	0	18.7
			QPSK	1	1	19.3	0	20	18.1	0	18.7
				1	136	19.3	0	20	18.1	0	18.7
				1	271	19.2	0	20	18.1	0	18.7
				135	67	19.2	0	20	18.0	0	18.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm) 633332 3499.98 MHz	MPR	Tune-up Limit	Power Mode B (dBm) 633332 3499.98 MHz	MPR	Tune-up Limit
90	DFT-s	30	π/2 BPSK	1	1	19.3	0	20	18.1	0	18.7
				1	122	19.2	0	20	18.0	0	18.7
				1	243	19.2	0	20	18.1	0	18.7
				121	60	19.2	0	20	17.9	0	18.7
			QPSK	1	1	19.2	0	20	18.0	0	18.7
				1	122	19.2	0	20	18.0	0	18.7
				1	243	19.2	0	20	18.1	0	18.7
				121	60	19.1	0	20	18.0	0	18.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm) 633332 3499.98 MHz	MPR	Tune-up Limit	Power Mode B (dBm) 633332 3499.98 MHz	MPR	Tune-up Limit
80	DFT-s	30	π/2 BPSK	1	1	19.2	0	20	18.1	0	18.7
				1	108	19.2	0	20	18.0	0	18.7
				1	215	19.2	0	20	18.0	0	18.7
				108	54	19.1	0	20	18.1	0	18.7
			QPSK	1	1	19.1	0	20	18.0	0	18.7
				1	108	19.3	0	20	18.1	0	18.7
				1	215	19.2	0	20	17.9	0	18.7
				108	54	19.3	0	20	18.0	0	18.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm) 633332 3499.98 MHz	MPR	Tune-up Limit	Power Mode B (dBm) 633332 3499.98 MHz	MPR	Tune-up Limit
70	DFT-s	30	π/2 BPSK	1	1	19.2	0	20	18.0	0	18.7
				1	91	19.2	0	20	18.1	0	18.7
				1	187	19.3	0	20	17.9	0	18.7
				94	47	19.3	0	20	18.0	0	18.7
			QPSK	1	1	19.1	0	20	18.0	0	18.7
				1	91	19.3	0	20	18.1	0	18.7
				1	187	19.2	0	20	17.9	0	18.7
				94	47	19.2	0	20	18.0	0	18.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm) 633332 3499.98 MHz	MPR	Tune-up Limit	Power Mode B (dBm) 633332 3499.98 MHz	MPR	Tune-up Limit
60	DFT-s	30	π/2 BPSK	1	1	19.3	0	20	18.0	0	18.7
				1	80	19.2	0	20	17.9	0	18.7
				1	160	19.2	0	20	18.1	0	18.7
				81	40	19.1	0	20	18.1	0	18.7
			QPSK	1	1	19.3	0	20	18.0	0	18.7
				1	80	19.2	0	20	18.0	0	18.7
				1	160	19.2	0	20	18.1	0	18.7
				81	40	19.1	0	20	17.9	0	18.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm) 633332 3499.98 MHz	MPR	Tune-up Limit	Power Mode B (dBm) 633332 3499.98 MHz	MPR	Tune-up Limit
50	DFT-s	30	π/2 BPSK	1	1	19.2	0	20	18.1	0	18.7
				1	66	19.2	0	20	18.0	0	18.7
				1	131	19.2	0	20	18.1	0	18.7
				64	32	19.1	0	20	18.1	0	18.7
			QPSK	1	1	19.2	0	20	17.9	0	18.7
				1	66	19.2	0	20	18.0	0	18.7
				1	131	19.3	0	20	17.9	0	18.7
				64	32	19.2	0	20	18.0	0	18.7
BW (MHz)	OFDM Modulation Scheme	Mode	Mode	RB Allocation	RB offset	Power Mode A (dBm) 633332 3499.98 MHz	MPR	Tune-up Limit	Power Mode B (dBm) 633332 3499.98 MHz	MPR	Tune-up Limit
40	DFT-s	30	π/2 BPSK	1	1	19.2	0	20	17.9	0	18.7
				1	52	19.2	0	20	18.1	0	18.7
				1	104	19.2	0	20	17.9	0	18.7
				50	25	19.2	0	20	18.1	0	18.7
			QPSK	1	1	19.1	0	20	18.0	0	18.7
				1	52	19.3	0	20	18.0	0	18.7
				1	104	19.3	0	20	18.1	0	18.7
				50	25	19.3	0	20	17.9	0	18.7

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

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)				Power Mode B (dBm)			
						[redacted]	633332	[redacted]	MPR	[redacted]	633332	[redacted]	MPR
							3499.98 MHz		Tune-up Limit		3499.98 MHz		Tune-up Limit
30	DFT-s	30	π/2 BPSK	1	1		19.2		0	20	18.0		0	18.7
				1	38		19.1		0	20	18.0		0	18.7
				1	76		19.2		0	20	18.0		0	18.7
				36	18		19.2		0	20	18.0		0	18.7
			QPSK	1	1		19.1		0	20	18.1		0	18.7
				1	38		19.3		0	20	17.9		0	18.7
				1	76		19.3		0	20	17.9		0	18.7
				36	18		19.3		0	20	18.0		0	18.7

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						630832	633332	635832	MPR	Tune-up Limit	630832	633332	635832	MPR	Tune-up Limit
						3462.48 MHz	3499.98 MHz	3537.48 MHz			3462.48 MHz	3499.98 MHz	3537.48 MHz		
25	DFT-s	30	π/2 BPSK	1	1	19.3	19.1	19.2	0	20	18.1	18.1	18.0	0	18.7
				1	32	19.3	19.2	19.2	0	20	18.0	18.1	18.0	0	18.7
				1	63	19.2	19.2	19.1	0	20	18.0	18.0	18.1	0	18.7
				32	16	19.1	19.3	19.3	0	20	18.0	17.9	18.0	0	18.7
			QPSK	1	1	19.3	19.1	19.2	0	20	18.0	18.0	17.9	0	18.7
				1	32	19.3	19.2	19.2	0	20	18.1	18.0	18.1	0	18.7
				1	63	19.2	19.2	19.1	0	20	18.0	18.0	17.9	0	18.7
				32	16	19.1	19.3	19.3	0	20	18.1	18.0	17.9	0	18.7

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						630666	633332	635998	MPR	Tune-up Limit	630666	633332	635998	MPR	Tune-up Limit
						3459.99 MHz	3499.98 MHz	3539.97 MHz			3459.99 MHz	3499.98 MHz	3539.97 MHz		
20	DFT-s	30	π/2 BPSK	1	1	19.1	19.3	19.1	0	20	18.0	18.1	17.9	0	18.7
				1	25	19.3	19.2	19.1	0	20	17.9	17.9	18.0	0	18.7
				1	49	19.1	19.2	19.2	0	20	18.0	18.1	18.0	0	18.7
				25	12	19.2	19.2	19.3	0	20	18.0	18.0	18.0	0	18.7
			QPSK	1	1	19.2	19.2	19.2	0	20	17.9	18.0	18.1	0	18.7
				1	25	19.1	19.1	19.3	0	20	18.1	18.0	18.1	0	18.7
				1	49	19.2	19.2	19.1	0	20	18.0	17.9	18.0	0	18.7
				25	12	19.3	19.2	19.2	0	20	18.0	18.0	18.1	0	18.7

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						630500	633332	636166	MPR	Tune-up Limit	630500	633332	636166	MPR	Tune-up Limit
						3457.5 MHz	3499.98 MHz	3542.49 MHz			3457.5 MHz	3499.98 MHz	3542.49 MHz		
15	DFT-s	30	π/2 BPSK	1	1	19.2	19.2	19.2	0	20	18.1	17.9	17.9	0	18.7
				1	18	19.1	19.1	19.3	0	20	17.9	18.0	18.0	0	18.7
				1	36	19.2	19.2	19.1	0	20	18.1	18.0	18.1	0	18.7
				18	9	19.3	19.2	19.2	0	20	18.0	17.9	18.0	0	18.7
			QPSK	1	1	19.2	19.2	19.2	0	20	18.1	17.9	17.9	0	18.7
				1	18	19.1	19.1	19.3	0	20	17.9	18.0	18.0	0	18.7
				1	36	19.2	19.2	19.1	0	20	18.1	18.0	18.1	0	18.7
				18	9	19.3	19.2	19.2	0	20	18.0	17.9	18.0	0	18.7

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					Power Mode B (dBm)				
						630332	633332	636332	MPR	Tune-up Limit	630332	633332	636332	MPR	Tune-up Limit
						3454.98 MHz	3499.98 MHz	3544.98 MHz			3454.98 MHz	3499.98 MHz	3544.98 MHz		
10	DFT-s	30	π/2 BPSK	1	1	19.1	19.2	19.2	0	20	18.1	18.1	17.9	0	18.7
				1	11	19.2	19.2	19.3	0	20	18.0	18.1	18.0	0	18.7
				1	22	19.3	19.1	19.2	0	20	17.9	17.9	18.0	0	18.7
				12	6	19.1	19.1	19.1	0	20	18.0	18.0	18.0	0	18.7
			QPSK	1	1	19.2	19.2	19.3	0	20	18.1	18.1	18.1	0	18.7
				1	11	19.2	19.1	19.2	0	20	17.9	18.0	18.1	0	18.7
				1	22	19.3	19.2	19.2	0	20	18.0	18.0	18.0	0	18.7
				12	6	19.3	19.2	19.1	0	20	18.1	17.9	18.0	0	18.7

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

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
						[redacted]	656000	[redacted]			[redacted]	656000	[redacted]		
							3840 MHz					3840 MHz			
100	DFT-s	30	π/2 BPSK	1	1		18.8		0	20		18.1		0	18.7
				1	136		19.0		0	20		18.2		0	18.7
				1	271		18.8		0	20		18.0		0	18.7
				135	67		18.9		0	20		18.2		0	18.7
			QPSK	1	1		18.9		0	20		18.1		0	18.7
				1	136		18.9		0	20		18.1		0	18.7
				1	271		18.8		0	20		18.1		0	18.7
				135	67		18.8		0	20		18.0		0	18.7
90	DFT-s	30	π/2 BPSK	1	1		18.7		0	20		18.0		0	18.7
				1	122		18.8		0	20		18.0		0	18.7
				1	243		18.9		0	20		18.1		0	18.7
				121	60		18.9		0	20		18.0		0	18.7
			QPSK	1	1		18.7		0	20		18.2		0	18.7
				1	122		18.8		0	20		18.2		0	18.7
				1	243		18.7		0	20		18.2		0	18.7
				121	60		18.9		0	20		18.1		0	18.7
80	DFT-s	30	π/2 BPSK	1	1		18.8		0	20		18.2		0	18.7
				1	108		18.8		0	20		18.1		0	18.7
				1	215		18.8		0	20		18.0		0	18.7
				108	54		18.7		0	20		18.2		0	18.7
			QPSK	1	1		18.9		0	20		18.1		0	18.7
				1	108		18.8		0	20		18.1		0	18.7
				1	215		18.7		0	20		18.1		0	18.7
				108	54		18.8		0	20		18.2		0	18.7
70	DFT-s	30	π/2 BPSK	1	1		18.9		0	20		18.1		0	18.7
				1	91		18.7		0	20		18.2		0	18.7
				1	187		18.9		0	20		18.0		0	18.7
				94	47		18.7		0	20		18.1		0	18.7
			QPSK	1	1		18.8		0	20		18.2		0	18.7
				1	91		18.7		0	20		18.0		0	18.7
				1	187		18.7		0	20		18.0		0	18.7
				94	47		18.7		0	20		18.1		0	18.7
60	DFT-s	30	π/2 BPSK	1	1		18.9		0	20		18.1		0	18.7
				1	80		18.8		0	20		18.1		0	18.7
				1	160		18.9		0	20		18.2		0	18.7
				81	40		18.8		0	20		18.1		0	18.7
			QPSK	1	1		18.9		0	20		18.2		0	18.7
				1	80		18.8		0	20		18.2		0	18.7
				1	160		18.9		0	20		18.1		0	18.7
				81	40		18.8		0	20		18.0		0	18.7

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					MPR	Tune-up Limit	Power Mode B (dBm)					MPR	Tune-up Limit
						648332	652166	656000	659832	663666			648332	652166	656000	659832	663666		
						3724.98 MHz	3782.49 MHz	3840 MHz	3897.48 MHz	3954.99 MHz			3724.98 MHz	3782.49 MHz	3840 MHz	3897.48 MHz	3954.99 MHz		
50	DFT-s	30	π/2 BPSK	1	1	18.9	18.8	18.8	18.8	18.9	0	20	18.1	18.0	18.0	18.0	18.1	0	18.7
				1	66	18.8	18.8	18.9	18.8	18.9	0	20	18.1	18.0	18.1	18.1	18.2	0	18.7
				1	131	18.8	18.9	18.8	18.7	18.9	0	20	18.1	18.1	18.2	18.2	18.2	0	18.7
				64	32	18.7	18.8	18.9	18.9	18.7	0	20	18.1	18.0	18.1	18.1	18.0	0	18.7
			QPSK	1	1	18.9	18.8	18.9	18.8	18.8	0	20	18.1	18.0	18.1	18.2	18.1	0	18.7
				1	66	18.7	18.8	18.7	18.7	18.8	0	20	18.1	18.1	18.2	18.1	18.1	0	18.7
				1	131	18.8	18.9	18.7	18.7	18.8	0	20	18.1	18.1	18.1	18.1	18.1	0	18.7
				64	32	18.7	18.7	18.8	18.7	18.7	0	20	18.2	18.1	18.2	18.1	18.1	0	18.7

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					MPR	Tune-up Limit	Power Mode B (dBm)					MPR	Tune-up Limit
						647998	651998	656000	659998	663998			647998	651998	656000	659998	663998		
						3719.97 MHz	3779.97 MHz	3840 MHz	3899.97 MHz	3959.97 MHz			3719.97 MHz	3779.97 MHz	3840 MHz	3899.97 MHz	3959.97 MHz		
40	DFT-s	30	π/2 BPSK	1	1	18.7	18.9	18.9	18.9	18.9	0	20	18.0	18.0	18.0	18.1	18.1	0	18.7
				1	52	18.9	18.7	18.7	18.8	18.8	0	20	18.2	18.1	18.1	18.1	18.1	0	18.7
				1	104	18.8	18.9	18.8	18.7	18.9	0	20	18.1	18.2	18.1	18.1	18.2	0	18.7
				50	25	18.8	18.9	18.8	18.9	18.8	0	20	18.2	18.2	18.1	18.1	18.1	0	18.7
			QPSK	1	1	18.7	18.8	18.8	18.8	18.7	0	20	18.1	18.2	18.2	18.1	18.1	0	18.7
				1	52	18.7	18.8	18.8	18.8	18.7	0	20	18.0	18.1	18.1	18.2	18.1	0	18.7
				1	104	18.8	18.9	18.8	18.8	18.8	0	20	18.1	18.1	18.1	18.2	18.1	0	18.7
				50	25	18.7	18.8	18.7	18.8	18.7	0	20	18.1	18.1	18.0	18.2	18.1	0	18.7

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

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					MPR	Tune-up Limit	Power Mode B (dBm)					MPR	Tune-up Limit
						647666	651832	656000	660166	664332			647666	651832	656000	660166	664332		
						3714.99 MHz	3777.48 MHz	3840 MHz	3902.49 MHz	3964.98 MHz			3714.99 MHz	3777.48 MHz	3840 MHz	3902.49 MHz	3964.98 MHz		
30	DFT-s	30	π/2 BPSK	1	1	18.9	18.8	18.8	18.8	18.8	0	20	18.2	18.0	18.1	18.1	18.1	0	18.7
				1	38	18.8	18.8	18.8	18.8	18.8	0	20	18.2	18.2	18.1	18.1	18.0	0	18.7
				1	76	18.8	18.8	18.8	18.9	18.7	0	20	18.1	18.0	18.2	18.1	18.0	0	18.7
				36	18	18.8	18.7	18.8	18.9	18.8	0	20	18.2	18.2	18.2	18.1	18.1	0	18.7
			QPSK	1	1	18.8	18.9	18.8	18.9	18.7	0	20	18.1	18.2	18.0	18.2	18.1	0	18.7
				1	38	18.8	18.7	18.9	18.7	18.8	0	20	18.1	18.1	18.1	18.0	18.1	0	18.7
				1	76	18.8	18.8	18.8	18.8	18.7	0	20	18.1	18.1	18.2	18.1	18.0	0	18.7
				36	18	18.8	18.8	18.9	18.8	18.7	0	20	18.0	18.1	18.0	18.1	18.1	0	18.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					MPR	Tune-up Limit	Power Mode B (dBm)					MPR	Tune-up Limit
						647498	651748	656000	660248	664498			647498	651748	656000	660248	664498		
						3712.47 MHz	3776.22 MHz	3840 MHz	3903.72 MHz	3967.47 MHz			3712.47 MHz	3776.22 MHz	3840 MHz	3903.72 MHz	3967.47 MHz		
25	DFT-s	30	π/2 BPSK	1	1	18.9	18.9	18.7	18.9	18.8	0	20	18.2	18.1	18.2	18.1	18.1	0	18.7
				1	32	18.7	18.8	18.8	18.7	18.7	0	20	18.1	18.2	18.0	18.0	18.2	0	18.7
				1	63	18.9	18.7	18.7	18.7	18.8	0	20	18.0	18.1	18.2	18.0	18.1	0	18.7
				32	16	18.7	18.8	18.8	18.7	18.8	0	20	18.1	18.2	18.2	18.1	18.0	0	18.7
			QPSK	1	1	18.8	18.7	18.8	18.9	18.7	0	20	18.1	18.2	18.1	18.1	18.2	0	18.7
				1	32	18.8	18.9	18.8	18.8	18.8	0	20	18.1	18.2	18.1	18.2	18.0	0	18.7
				1	63	18.7	18.8	18.9	18.7	18.8	0	20	18.0	18.2	18.1	18.1	18.2	0	18.7
				32	16	18.7	18.7	18.8	18.7	18.8	0	20	18.1	18.0	18.1	18.1	18.1	0	18.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					MPR	Tune-up Limit	Power Mode B (dBm)					MPR	Tune-up Limit
						647332	651666	656000	660332	664666			647332	651666	656000	660332	664666		
						3709.98 MHz	3774.99 MHz	3840 MHz	3904.98 MHz	3969.99 MHz			3709.98 MHz	3774.99 MHz	3840 MHz	3904.98 MHz	3969.99 MHz		
20	DFT-s	30	π/2 BPSK	1	1	18.8	18.7	18.8	18.8	18.8	0	20	18.2	18.0	18.2	18.1	18.1	0	18.7
				1	25	18.8	18.9	18.9	18.9	18.9	0	20	18.0	18.0	18.1	18.2	18.1	0	18.7
				1	49	18.8	18.7	18.8	18.9	18.8	0	20	18.1	18.1	18.1	18.0	18.1	0	18.7
				25	12	18.8	18.8	18.7	18.9	18.8	0	20	18.2	18.1	18.1	18.2	18.0	0	18.7
			QPSK	1	1	18.7	18.8	18.7	18.7	18.8	0	20	18.2	18.0	18.1	18.1	18.2	0	18.7
				1	25	18.8	18.8	18.9	18.9	18.7	0	20	18.2	18.1	18.0	18.1	18.1	0	18.7
				1	49	18.7	18.7	18.8	18.7	18.9	0	20	18.2	18.1	18.1	18.1	18.1	0	18.7
				25	12	18.9	18.8	18.9	18.8	18.7	0	20	18.1	18.2	18.1	18.1	18.2	0	18.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					MPR	Tune-up Limit	Power Mode B (dBm)					MPR	Tune-up Limit
						647166	651582	656000	660416	664832			647166	651582	656000	660416	664832		
						3707.49 MHz	3773.73 MHz	3840 MHz	3906.24 MHz	3972.48 MHz			3707.49 MHz	3773.73 MHz	3840 MHz	3906.24 MHz	3972.48 MHz		
15	DFT-s	30	π/2 BPSK	1	1	18.7	18.8	18.7	18.9	18.8	0	20	18.0	18.2	18.1	18.0	18.1	0	18.7
				1	18	18.8	18.8	18.9	18.7	18.8	0	20	18.0	18.0	18.2	18.1	18.1	0	18.7
				1	36	18.9	18.8	18.8	18.7	18.9	0	20	18.0	18.1	18.1	18.1	18.1	0	18.7
				18	9	18.8	18.8	18.9	18.8	18.7	0	20	18.0	18.1	18.2	18.1	18.1	0	18.7
			QPSK	1	1	18.8	18.8	18.8	18.9	18.8	0	20	18.1	18.0	18.2	18.0	18.0	0	18.7
				1	18	18.7	18.8	18.8	18.9	18.8	0	20	18.2	18.1	18.1	18.1	18.1	0	18.7
				1	36	18.9	18.8	18.7	18.9	18.7	0	20	18.2	18.0	18.1	18.1	18.1	0	18.7
				18	9	18.7	18.7	18.7	18.8	18.8	0	20	18.2	18.0	18.2	18.1	18.0	0	18.7
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					MPR	Tune-up Limit	Power Mode B (dBm)					MPR	Tune-up Limit
						646998	651498	656000	660498	664998			646998	651498	656000	660498	664998		
						3704.97 MHz	3772.47 MHz	3840 MHz	3907.47 MHz	3974.97 MHz			3704.97 MHz	3772.47 MHz	3840 MHz	3907.47 MHz	3974.97 MHz		
10	DFT-s	30	π/2 BPSK	1	1	18.8	18.9	18.8	18.8	18.9	0	20	18.1	18.1	18.1	18.1	18.2	0	18.7
				1	11	18.7	18.7	18.8	18.8	18.9	0	20	18.2	18.2	18.2	18.2	18.1	0	18.7
				1	22	18.8	18.8	18.8	18.8	18.8	0	20	18.1	18.2	18.0	18.1	18.1	0	18.7
				12	6	18.8	18.9	18.8	18.7	18.9	0	20	18.2	18.1	18.0	18.0	18.1	0	18.7
			QPSK	1	1	18.8	18.8	18.7	18.9	18.7	0	20	18.2	18.0	18.2	18.2	18.2	0	18.7
				1	11	18.8	18.7	18.7	18.7	18.8	0	20	18.1	18.1	18.1	18.1	18.1	0	18.7
				1	22	18.8	18.9	18.8	18.8	18.8	0	20	18.1	18.1	18.1	18.1	18.2	0	18.7
				12	6	18.7	18.8	18.8	18.7	18.9	0	20	18.2	18.2	18.1	18.1	18.1	0	18.7

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

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm) 633332 3499.98 MHz	MPR	Tune-up Limit	Power Mode B (dBm) 633332 3499.98 MHz	MPR	Tune-up Limit
100	DFT-s	30	π/2 BPSK	1	1	21.7	0	22.5	17.2	0	17.5
				1	136	21.8	0	22.5	17.3	0	17.5
				1	271	21.5	0	22.5	17.3	0	17.5
				135	67	21.8	0	22.5	17.3	0	17.5
			QPSK	1	1	21.7	0	22.5	17.3	0	17.5
				1	136	21.8	0	22.5	17.2	0	17.5
				1	271	21.8	0	22.5	17.3	0	17.5
				135	67	21.6	0	22.5	17.3	0	17.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm) 633332 3499.98 MHz	MPR	Tune-up Limit	Power Mode B (dBm) 633332 3499.98 MHz	MPR	Tune-up Limit
90	DFT-s	30	π/2 BPSK	1	1	21.8	0	22.5	17.1	0	17.5
				1	122	21.8	0	22.5	17.1	0	17.5
				1	243	21.6	0	22.5	17.1	0	17.5
				121	60	21.6	0	22.5	17.2	0	17.5
			QPSK	1	1	21.6	0	22.5	17.1	0	17.5
				1	122	21.8	0	22.5	17.3	0	17.5
				1	243	21.7	0	22.5	17.3	0	17.5
				121	60	21.6	0	22.5	17.3	0	17.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm) 633332 3499.98 MHz	MPR	Tune-up Limit	Power Mode B (dBm) 633332 3499.98 MHz	MPR	Tune-up Limit
80	DFT-s	30	π/2 BPSK	1	1	21.6	0	22.5	17.2	0	17.5
				1	108	21.5	0	22.5	17.2	0	17.5
				1	215	21.5	0	22.5	17.2	0	17.5
				108	54	21.7	0	22.5	17.3	0	17.5
			QPSK	1	1	21.6	0	22.5	17.3	0	17.5
				1	108	21.6	0	22.5	17.1	0	17.5
				1	215	21.8	0	22.5	17.3	0	17.5
				108	54	21.6	0	22.5	17.3	0	17.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm) 633332 3499.98 MHz	MPR	Tune-up Limit	Power Mode B (dBm) 633332 3499.98 MHz	MPR	Tune-up Limit
70	DFT-s	30	π/2 BPSK	1	1	21.8	0	22.5	17.2	0	17.5
				1	91	21.8	0	22.5	17.2	0	17.5
				1	187	21.6	0	22.5	17.2	0	17.5
				94	47	21.8	0	22.5	17.2	0	17.5
			QPSK	1	1	21.8	0	22.5	17.2	0	17.5
				1	91	21.7	0	22.5	17.1	0	17.5
				1	187	21.7	0	22.5	17.2	0	17.5
				94	47	21.7	0	22.5	17.3	0	17.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm) 633332 3499.98 MHz	MPR	Tune-up Limit	Power Mode B (dBm) 633332 3499.98 MHz	MPR	Tune-up Limit
60	DFT-s	30	π/2 BPSK	1	1	21.8	0	22.5	17.2	0	17.5
				1	80	21.5	0	22.5	17.2	0	17.5
				1	160	21.5	0	22.5	17.2	0	17.5
				81	40	21.8	0	22.5	17.2	0	17.5
			QPSK	1	1	21.7	0	22.5	17.3	0	17.5
				1	80	21.7	0	22.5	17.3	0	17.5
				1	160	21.8	0	22.5	17.3	0	17.5
				81	40	21.7	0	22.5	17.2	0	17.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm) 633332 3499.98 MHz	MPR	Tune-up Limit	Power Mode B (dBm) 633332 3499.98 MHz	MPR	Tune-up Limit
50	DFT-s	30	π/2 BPSK	1	1	21.8	0	22.5	17.2	0	17.5
				1	66	21.6	0	22.5	17.3	0	17.5
				1	131	21.7	0	22.5	17.1	0	17.5
				64	32	21.6	0	22.5	17.1	0	17.5
			QPSK	1	1	21.7	0	22.5	17.2	0	17.5
				1	66	21.7	0	22.5	17.2	0	17.5
				1	131	21.7	0	22.5	17.2	0	17.5
				64	32	21.5	0	22.5	17.1	0	17.5
BW (MHz)	OFDM Modulation Scheme	Mode	Mode	RB Allocation	RB offset	Power Mode A (dBm) 633332 3499.98 MHz	MPR	Tune-up Limit	Power Mode B (dBm) 633332 3499.98 MHz	MPR	Tune-up Limit
40	DFT-s	30	π/2 BPSK	1	1	21.7	0	22.5	17.3	0	17.5
				1	52	21.7	0	22.5	17.3	0	17.5
				1	104	21.7	0	22.5	17.2	0	17.5
				50	25	21.6	0	22.5	17.3	0	17.5
			QPSK	1	1	21.6	0	22.5	17.1	0	17.5
				1	52	21.7	0	22.5	17.3	0	17.5
				1	104	21.7	0	22.5	17.3	0	17.5
				50	25	21.5	0	22.5	17.2	0	17.5

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

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
						[redacted]	633332	[redacted]			[redacted]	633332	[redacted]		
							3499.98 MHz					3499.98 MHz			
30	DFT-s	30	π/2 BPSK	1	1		21.6		0	22.5		17.1		0	17.5
				1	38		21.6		0	22.5		17.1		0	17.5
				1	76		21.7		0	22.5		17.2		0	17.5
				36	18		21.5		0	22.5		17.2		0	17.5
			QPSK	1	1		21.6		0	22.5		17.1		0	17.5
				1	38		21.6		0	22.5		17.2		0	17.5
				1	76		21.7		0	22.5		17.2		0	17.5
				36	18		21.6		0	22.5		17.3		0	17.5

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
						630832	633332	635832			630832	633332	635832		
						3462.48 MHz	3499.98 MHz	3537.48 MHz			3462.48 MHz	3499.98 MHz	3537.48 MHz		
25	DFT-s	30	π/2 BPSK	1	1	21.7	21.7	21.5	0	22.5	17.2	17.3	17.2	0	17.5
				1	32	21.6	21.7	21.7	0	22.5	17.2	17.2	17.2	0	17.5
				1	63	21.6	21.6	21.7	0	22.5	17.3	17.2	17.1	0	17.5
				32	16	21.7	21.6	21.7	0	22.5	17.2	17.1	17.2	0	17.5
			QPSK	1	1	21.7	21.5	21.6	0	22.5	17.3	17.3	17.2	0	17.5
				1	32	21.5	21.7	21.5	0	22.5	17.1	17.2	17.3	0	17.5
				1	63	21.6	21.7	21.5	0	22.5	17.2	17.2	17.2	0	17.5
				32	16	21.8	21.6	21.5	0	22.5	17.3	17.1	17.3	0	17.5

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
						630666	633332	635998			630666	633332	635998		
						3459.99 MHz	3499.98 MHz	3539.97 MHz			3459.99 MHz	3499.98 MHz	3539.97 MHz		
20	DFT-s	30	π/2 BPSK	1	1	21.6	21.6	21.6	0	22.5	17.1	17.3	17.2	0	17.5
				1	25	21.6	21.7	21.5	0	22.5	17.2	17.2	17.2	0	17.5
				1	49	21.7	21.6	21.6	0	22.5	17.2	17.2	17.2	0	17.5
				25	12	21.8	21.8	21.6	0	22.5	17.2	17.3	17.2	0	17.5
			QPSK	1	1	21.7	21.7	21.6	0	22.5	17.2	17.2	17.3	0	17.5
				1	25	21.8	21.7	21.6	0	22.5	17.3	17.1	17.2	0	17.5
				1	49	21.6	21.8	21.5	0	22.5	17.1	17.2	17.2	0	17.5
				25	12	21.8	21.8	21.6	0	22.5	17.2	17.2	17.3	0	17.5

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
						630500	633332	636166			630500	633332	636166		
						3457.5 MHz	3499.98 MHz	3542.49 MHz			3457.5 MHz	3499.98 MHz	3542.49 MHz		
15	DFT-s	30	π/2 BPSK	1	1	21.6	21.5	21.7	0	22.5	17.1	17.2	17.2	0	17.5
				1	18	21.8	21.5	21.8	0	22.5	17.1	17.2	17.1	0	17.5
				1	36	21.7	21.7	21.6	0	22.5	17.2	17.2	17.2	0	17.5
				18	9	21.6	21.5	21.6	0	22.5	17.2	17.1	17.2	0	17.5
			QPSK	1	1	21.6	21.5	21.7	0	22.5	17.2	17.1	17.2	0	17.5
				1	18	21.8	21.7	21.7	0	22.5	17.3	17.3	17.2	0	17.5
				1	36	21.5	21.7	21.7	0	22.5	17.2	17.2	17.2	0	17.5
				18	9	21.7	21.8	21.5	0	22.5	17.2	17.2	17.2	0	17.5

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
						630332	633332	636332			630332	633332	636332		
						3454.98 MHz	3499.98 MHz	3544.98 MHz			3454.98 MHz	3499.98 MHz	3544.98 MHz		
10	DFT-s	30	π/2 BPSK	1	1	21.5	21.6	21.6	0	22.5	17.2	17.1	17.2	0	17.5
				1	11	21.8	21.7	21.6	0	22.5	17.1	17.3	17.2	0	17.5
				1	22	21.6	21.6	21.7	0	22.5	17.1	17.2	17.3	0	17.5
				12	6	21.8	21.8	21.6	0	22.5	17.2	17.2	17.1	0	17.5
			QPSK	1	1	21.5	21.6	21.6	0	22.5	17.2	17.2	17.1	0	17.5
				1	11	21.6	21.7	21.7	0	22.5	17.3	17.2	17.2	0	17.5
				1	22	21.5	21.7	21.7	0	22.5	17.1	17.3	17.1	0	17.5
				12	6	21.8	21.7	21.5	0	22.5	17.2	17.3	17.2	0	17.5

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

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
						656000	MPR	Tune-up Limit	656000	MPR	Tune-up Limit
						3840 MHz			3840 MHz		
100	DFT-s	30	π/2 BPSK	1	1	21.6	0	22.5	17.3	0	17.5
				1	136	21.8	0	22.5	17.3	0	17.5
				1	271	21.7	0	22.5	17.3	0	17.5
				135	67	21.7	0	22.5	17.3	0	17.5
			QPSK	1	1	21.7	0	22.5	17.3	0	17.5
				1	136	21.7	0	22.5	17.3	0	17.5
				1	271	21.7	0	22.5	17.3	0	17.5
				135	67	21.5	0	22.5	17.2	0	17.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
						656000	MPR	Tune-up Limit	656000	MPR	Tune-up Limit
						3840 MHz			3840 MHz		
90	DFT-s	30	π/2 BPSK	1	1	21.7	0	22.5	17.1	0	17.5
				1	122	21.6	0	22.5	17.1	0	17.5
				1	243	21.6	0	22.5	17.1	0	17.5
				121	60	21.6	0	22.5	17.1	0	17.5
			QPSK	1	1	21.6	0	22.5	17.0	0	17.5
				1	122	21.6	0	22.5	17.1	0	17.5
				1	243	21.5	0	22.5	17.1	0	17.5
				121	60	21.6	0	22.5	17.1	0	17.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
						656000	MPR	Tune-up Limit	656000	MPR	Tune-up Limit
						3840 MHz			3840 MHz		
80	DFT-s	30	π/2 BPSK	1	1	21.7	0	22.5	17.2	0	17.5
				1	108	21.6	0	22.5	17.1	0	17.5
				1	215	21.5	0	22.5	17.1	0	17.5
				108	54	21.5	0	22.5	17.1	0	17.5
			QPSK	1	1	21.5	0	22.5	17.0	0	17.5
				1	108	21.5	0	22.5	17.2	0	17.5
				1	215	21.6	0	22.5	17.1	0	17.5
				108	54	21.6	0	22.5	17.2	0	17.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
						656000	MPR	Tune-up Limit	656000	MPR	Tune-up Limit
						3840 MHz			3840 MHz		
70	DFT-s	30	π/2 BPSK	1	1	21.5	0	22.5	17.0	0	17.5
				1	91	21.6	0	22.5	17.2	0	17.5
				1	187	21.6	0	22.5	17.2	0	17.5
				94	47	21.5	0	22.5	17.2	0	17.5
			QPSK	1	1	21.6	0	22.5	17.1	0	17.5
				1	91	21.5	0	22.5	17.1	0	17.5
				1	187	21.7	0	22.5	17.2	0	17.5
				94	47	21.6	0	22.5	17.1	0	17.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
						656000	MPR	Tune-up Limit	656000	MPR	Tune-up Limit
						3840 MHz			3840 MHz		
60	DFT-s	30	π/2 BPSK	1	1	21.6	0	22.5	17.1	0	17.5
				1	80	21.6	0	22.5	17.1	0	17.5
				1	160	21.6	0	22.5	17.1	0	17.5
				81	40	21.7	0	22.5	17.2	0	17.5
			QPSK	1	1	21.7	0	22.5	17.2	0	17.5
				1	80	21.5	0	22.5	17.1	0	17.5
				1	160	21.5	0	22.5	17.2	0	17.5
				81	40	21.6	0	22.5	17.2	0	17.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						Power Mode B (dBm)						
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						648332	652166	656000	659832	663666	MPR	Tune-up Limit	648332	652166	656000	659832	663666	MPR	Tune-up Limit
						3724.98 MHz	3782.49 MHz	3840 MHz	3897.48 MHz	3954.99 MHz			3724.98 MHz	3782.49 MHz	3840 MHz	3897.48 MHz	3954.99 MHz		
50	DFT-s	30	π/2 BPSK	1	1	21.6	21.5	21.7	21.5	21.6	0	22.5	17.1	17.2	17.0	17.0	17.2	0	17.5
				1	66	21.5	21.7	21.5	21.7	21.6	0	22.5	17.1	17.1	17.2	17.2	17.2	0	17.5
				1	131	21.7	21.7	21.6	21.5	21.7	0	22.5	17.1	17.2	17.1	17.2	17.2	0	17.5
				64	32	21.6	21.7	21.7	21.6	21.7	0	22.5	17.1	17.2	17.1	17.1	17.0	0	17.5
			QPSK	1	1	21.6	21.5	21.6	21.6	21.5	0	22.5	17.0	17.0	17.2	17.1	17.2	0	17.5
				1	66	21.6	21.6	21.6	21.5	21.5	0	22.5	17.1	17.1	17.1	17.0	17.1	0	17.5
				1	131	21.5	21.6	21.6	21.5	21.7	0	22.5	17.1	17.1	17.1	17.1	17.2	0	17.5
				64	32	21.6	21.6	21.5	21.6	21.6	0	22.5	17.1	17.1	17.0	17.0	17.0	0	17.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)						Power Mode B (dBm)						
						647998	651998	656000	659998	663998	MPR	Tune-up Limit	647998	651998	656000	659998	663998	MPR	Tune-up Limit
						3719.97 MHz	3779.97 MHz	3840 MHz	3899.97 MHz	3959.97 MHz			3719.97 MHz	3779.97 MHz	3840 MHz	3899.97 MHz	3959.97 MHz		
40	DFT-s	30	π/2 BPSK	1	1	21.6	21.6	21.5	21.6	21.7	0	22.5	17.2	17.1	17.2	17.2	17.2	0	17.5
				1	52	21.6	21.6	21.7	21.6	21.6	0	22.5	17.0	17.1	17.0	17.0	17.0	0	17.5
				1	104	21.6	21.5	21.7	21.5	21.5	0	22.5	17.2	17.2	17.1	17.0	17.1	0	17.5
				50	25	21.6	21.5	21.5	21.6	21.6	0	22.5	17.1	17.0	17.1	17.1	17.1	0	17.5
			QPSK	1	1	21.7	21.5	21.5	21.7	21.6	0	22.5	17.1	17.1	17.0	17.1	17.2	0	17.5
				1	52	21.5	21.5	21.6	21.5	21.7	0	22.5	17.1	17.1	17.2	17.0	17.1	0	17.5
				1	104	21.6	21.6	21.6	21.6	21.6	0	22.5	17.2	17.1	17.2	17.1	17.2	0	17.5
				50	25	21.5	21.5	21.5	21.6	21.5	0	22.5	17.2	17.1	17.1	17.0	17.1	0	17.5

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

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					MPR	Tune-up Limit	Power Mode B (dBm)					MPR	Tune-up Limit
						647666	651832	656000	660166	664332			647666	651832	656000	660166	664332		
						3714.99 MHz	3777.48 MHz	3840 MHz	3902.49 MHz	3964.98 MHz			3714.99 MHz	3777.48 MHz	3840 MHz	3902.49 MHz	3964.98 MHz		
30	DFT-s	30	π/2 BPSK	1	1	21.5	21.7	21.5	21.7	21.6	0	22.5	17.1	17.1	17.0	17.1	17.0	0	17.5
				1	38	21.5	21.7	21.6	21.6	21.5	0	22.5	17.1	17.2	17.1	17.1	17.1	0	17.5
				1	76	21.7	21.6	21.5	21.7	21.5	0	22.5	17.1	17.2	17.0	17.0	17.1	0	17.5
				36	18	21.7	21.5	21.7	21.5	21.7	0	22.5	17.0	17.1	17.1	17.1	17.0	0	17.5
			QPSK	1	1	21.7	21.6	21.7	21.6	21.6	0	22.5	17.0	17.2	17.1	17.2	17.1	0	17.5
				1	38	21.5	21.6	21.6	21.6	21.6	0	22.5	17.0	17.2	17.1	17.1	17.1	0	17.5
				1	76	21.6	21.5	21.7	21.6	21.5	0	22.5	17.1	17.1	17.0	17.1	17.0	0	17.5
				36	18	21.5	21.5	21.5	21.6	21.6	0	22.5	17.0	17.1	17.0	17.1	17.2	0	17.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					MPR	Tune-up Limit	Power Mode B (dBm)					MPR	Tune-up Limit
						647498	651748	656000	660248	664498			647498	651748	656000	660248	664498		
						3712.47 MHz	3776.22 MHz	3840 MHz	3903.72 MHz	3967.47 MHz			3712.47 MHz	3776.22 MHz	3840 MHz	3903.72 MHz	3967.47 MHz		
25	DFT-s	30	π/2 BPSK	1	1	21.5	21.6	21.5	21.7	21.7	0	22.5	17.1	17.1	17.2	17.1	17.2	0	17.5
				1	32	21.6	21.6	21.7	21.6	21.7	0	22.5	17.2	17.1	17.1	17.2	17.0	0	17.5
				1	63	21.7	21.6	21.6	21.6	21.7	0	22.5	17.0	17.2	17.1	17.0	17.0	0	17.5
				32	16	21.5	21.5	21.7	21.6	21.6	0	22.5	17.1	17.2	17.1	17.2	17.1	0	17.5
			QPSK	1	1	21.5	21.7	21.6	21.6	21.6	0	22.5	17.1	17.1	17.1	17.1	17.2	0	17.5
				1	32	21.5	21.7	21.7	21.6	21.5	0	22.5	17.0	17.1	17.0	17.0	17.2	0	17.5
				1	63	21.6	21.5	21.6	21.7	21.5	0	22.5	17.1	17.1	17.1	17.1	17.1	0	17.5
				32	16	21.6	21.6	21.6	21.7	21.6	0	22.5	17.2	17.1	17.1	17.1	17.0	0	17.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					MPR	Tune-up Limit	Power Mode B (dBm)					MPR	Tune-up Limit
						647332	651666	656000	660332	664666			647332	651666	656000	660332	664666		
						3709.98 MHz	3774.99 MHz	3840 MHz	3904.98 MHz	3969.99 MHz			3709.98 MHz	3774.99 MHz	3840 MHz	3904.98 MHz	3969.99 MHz		
20	DFT-s	30	π/2 BPSK	1	1	21.6	21.6	21.6	21.7	21.5	0	22.5	17.2	17.1	17.0	17.2	17.2	0	17.5
				1	25	21.5	21.7	21.5	21.6	21.6	0	22.5	17.1	17.1	17.2	17.1	17.2	0	17.5
				1	49	21.7	21.5	21.5	21.5	21.7	0	22.5	17.1	17.1	17.1	17.1	17.2	0	17.5
				25	12	21.6	21.5	21.7	21.6	21.7	0	22.5	17.0	17.1	17.0	17.1	17.1	0	17.5
			QPSK	1	1	21.7	21.6	21.7	21.7	21.7	0	22.5	17.0	17.1	17.2	17.1	17.0	0	17.5
				1	25	21.6	21.6	21.5	21.7	21.7	0	22.5	17.1	17.1	17.1	17.0	17.1	0	17.5
				1	49	21.6	21.7	21.7	21.6	21.5	0	22.5	17.1	17.2	17.2	17.1	17.0	0	17.5
				25	12	21.5	21.6	21.6	21.6	21.5	0	22.5	17.1	17.1	17.1	17.0	17.0	0	17.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					MPR	Tune-up Limit	Power Mode B (dBm)					MPR	Tune-up Limit
						647166	651582	656000	660416	664832			647166	651582	656000	660416	664832		
						3707.49 MHz	3773.73 MHz	3840 MHz	3906.24 MHz	3972.48 MHz			3707.49 MHz	3773.73 MHz	3840 MHz	3906.24 MHz	3972.48 MHz		
15	DFT-s	30	π/2 BPSK	1	1	21.6	21.6	21.7	21.6	21.6	0	22.5	17.0	17.2	17.1	17.1	17.2	0	17.5
				1	18	21.6	21.6	21.7	21.7	21.6	0	22.5	17.2	17.2	17.1	17.2	17.0	0	17.5
				1	36	21.5	21.7	21.7	21.6	21.5	0	22.5	17.0	17.2	17.1	17.1	17.1	0	17.5
				18	9	21.6	21.7	21.7	21.6	21.6	0	22.5	17.0	17.2	17.1	17.2	17.1	0	17.5
			QPSK	1	1	21.7	21.7	21.5	21.6	21.6	0	22.5	17.1	17.1	17.1	17.1	17.2	0	17.5
				1	18	21.6	21.6	21.6	21.7	21.6	0	22.5	17.0	17.1	17.1	17.1	17.1	0	17.5
				1	36	21.5	21.7	21.5	21.6	21.6	0	22.5	17.1	17.1	17.1	17.0	17.2	0	17.5
				18	9	21.5	21.6	21.6	21.6	21.7	0	22.5	17.1	17.1	17.0	17.2	17.2	0	17.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					MPR	Tune-up Limit	Power Mode B (dBm)					MPR	Tune-up Limit
						646998	651498	656000	660498	664998			646998	651498	656000	660498	664998		
						3704.97 MHz	3772.47 MHz	3840 MHz	3907.47 MHz	3974.97 MHz			3704.97 MHz	3772.47 MHz	3840 MHz	3907.47 MHz	3974.97 MHz		
10	DFT-s	30	π/2 BPSK	1	1	21.6	21.5	21.6	21.6	21.7	0	22.5	17.2	17.0	17.2	17.1	17.1	0	17.5
				1	11	21.6	21.7	21.6	21.6	21.6	0	22.5	17.2	17.1	17.1	17.1	17.1	0	17.5
				1	22	21.7	21.5	21.6	21.6	21.6	0	22.5	17.2	17.0	17.0	17.0	17.2	0	17.5
				12	6	21.6	21.7	21.5	21.7	21.6	0	22.5	17.1	17.0	17.0	17.1	17.1	0	17.5
			QPSK	1	1	21.6	21.7	21.6	21.7	21.7	0	22.5	17.2	17.0	17.1	17.1	17.0	0	17.5
				1	11	21.6	21.6	21.7	21.7	21.5	0	22.5	17.0	17.0	17.1	17.1	17.1	0	17.5
				1	22	21.7	21.5	21.6	21.6	21.7	0	22.5	17.0	17.0	17.1	17.0	17.0	0	17.5
				12	6	21.6	21.6	21.6	21.5	21.6	0	22.5	17.1	17.0	17.1	17.0	17.1	0	17.5

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

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm) 633332 3499.98 MHz	MPR	Tune-up Limit	Power Mode B (dBm) 633332 3499.98 MHz	MPR	Tune-up Limit
100	DFT-s	30	π/2 BPSK	1	1	19.4	0	19.7	19.4	0	19.5
				1	136	19.5	0	19.7	19.5	0	19.5
				1	271	19.3	0	19.7	19.3	0	19.5
				135	67	19.5	0	19.7	19.5	0	19.5
			QPSK	1	1	19.5	0	19.7	19.5	0	19.5
				1	136	19.4	0	19.7	19.4	0	19.5
				1	271	19.4	0	19.7	19.4	0	19.5
				135	67	19.2	0	19.7	19.2	0	19.5

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm) 633332 3499.98 MHz	MPR	Tune-up Limit	Power Mode B (dBm) 633332 3499.98 MHz	MPR	Tune-up Limit
90	DFT-s	30	π/2 BPSK	1	1	19.3	0	19.7	19.3	0	19.5
				1	122	19.2	0	19.7	19.2	0	19.5
				1	243	19.3	0	19.7	19.3	0	19.5
				121	60	19.4	0	19.7	19.4	0	19.5
			QPSK	1	1	19.3	0	19.7	19.3	0	19.5
				1	122	19.3	0	19.7	19.3	0	19.5
				1	243	19.5	0	19.7	19.5	0	19.5
				121	60	19.3	0	19.7	19.3	0	19.5

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm) 633332 3499.98 MHz	MPR	Tune-up Limit	Power Mode B (dBm) 633332 3499.98 MHz	MPR	Tune-up Limit
80	DFT-s	30	π/2 BPSK	1	1	19.3	0	19.7	19.3	0	19.5
				1	108	19.2	0	19.7	19.2	0	19.5
				1	215	19.1	0	19.7	19.1	0	19.5
				108	54	19.2	0	19.7	19.2	0	19.5
			QPSK	1	1	19.3	0	19.7	19.3	0	19.5
				1	108	19.2	0	19.7	19.2	0	19.5
				1	215	19.0	0	19.7	19.0	0	19.5
				108	54	19.2	0	19.7	19.2	0	19.5

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm) 633332 3499.98 MHz	MPR	Tune-up Limit	Power Mode B (dBm) 633332 3499.98 MHz	MPR	Tune-up Limit
70	DFT-s	30	π/2 BPSK	1	1	19.5	0	19.7	19.5	0	19.5
				1	91	19.4	0	19.7	19.4	0	19.5
				1	187	19.3	0	19.7	19.3	0	19.5
				94	47	19.4	0	19.7	19.4	0	19.5
			QPSK	1	1	19.5	0	19.7	19.5	0	19.5
				1	91	19.4	0	19.7	19.4	0	19.5
				1	187	19.2	0	19.7	19.2	0	19.5
				94	47	19.4	0	19.7	19.4	0	19.5

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm) 633332 3499.98 MHz	MPR	Tune-up Limit	Power Mode B (dBm) 633332 3499.98 MHz	MPR	Tune-up Limit
60	DFT-s	30	π/2 BPSK	1	1	19.4	0	19.7	19.4	0	19.5
				1	80	19.3	0	19.7	19.3	0	19.5
				1	160	19.2	0	19.7	19.2	0	19.5
				81	40	19.2	0	19.7	19.2	0	19.5
			QPSK	1	1	19.4	0	19.7	19.4	0	19.5
				1	80	19.5	0	19.7	19.5	0	19.5
				1	160	19.4	0	19.7	19.4	0	19.5
				81	40	19.3	0	19.7	19.3	0	19.5

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm) 633332 3499.98 MHz	MPR	Tune-up Limit	Power Mode B (dBm) 633332 3499.98 MHz	MPR	Tune-up Limit
50	DFT-s	30	π/2 BPSK	1	1	19.2	0	19.7	19.2	0	19.5
				1	66	19.5	0	19.7	19.5	0	19.5
				1	131	19.4	0	19.7	19.4	0	19.5
				64	32	19.4	0	19.7	19.4	0	19.5
			QPSK	1	1	19.3	0	19.7	19.3	0	19.5
				1	66	19.2	0	19.7	19.2	0	19.5
				1	131	19.5	0	19.7	19.5	0	19.5
				64	32	19.4	0	19.7	19.4	0	19.5

BW (MHz)	OFDM Modulation Scheme	Mode	Mode	RB Allocation	RB offset	Power Mode A (dBm) 633332 3499.98 MHz	MPR	Tune-up Limit	Power Mode B (dBm) 633332 3499.98 MHz	MPR	Tune-up Limit
40	DFT-s	30	π/2 BPSK	1	1	19.3	0	19.7	19.3	0	19.5
				1	52	19.3	0	19.7	19.3	0	19.5
				1	104	19.4	0	19.7	19.4	0	19.5
				50	25	19.3	0	19.7	19.3	0	19.5
			QPSK	1	1	19.2	0	19.7	19.2	0	19.5
				1	52	19.5	0	19.7	19.5	0	19.5
				1	104	19.3	0	19.7	19.3	0	19.5
				50	25	19.4	0	19.7	19.4	0	19.5

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

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
						[redacted]	633332	[redacted]			[redacted]	633332	[redacted]		
							3499.98 MHz					3499.98 MHz			
30	DFT-s	30	π/2 BPSK	1	1		19.4		0	19.7		19.4		0	19.5
				1	38		19.3		0	19.7		19.3		0	19.5
				1	76		19.2		0	19.7		19.2		0	19.5
				36	18		19.3		0	19.7		19.3		0	19.5
			QPSK	1	1		19.3		0	19.7		19.3		0	19.5
				1	38		19.3		0	19.7		19.3		0	19.5
				1	76		19.4		0	19.7		19.4		0	19.5
				36	18		19.2		0	19.7		19.2		0	19.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
						630832	633332	635832			630832	633332	635832		
						3462.48 MHz	3499.98 MHz	3537.48 MHz			3462.48 MHz	3499.98 MHz	3537.48 MHz		
25	DFT-s	30	π/2 BPSK	1	1	19.4	19.3	19.3	0	19.7	19.4	19.3	19.3	0	19.5
				1	32	19.4	19.2	19.3	0	19.7	19.4	19.2	19.3	0	19.5
				1	63	19.4	19.4	19.3	0	19.7	19.4	19.4	19.3	0	19.5
				32	16	19.4	19.3	19.4	0	19.7	19.4	19.3	19.4	0	19.5
			QPSK	1	1	19.3	19.4	19.2	0	19.7	19.3	19.4	19.2	0	19.5
				1	32	19.4	19.4	19.3	0	19.7	19.4	19.4	19.3	0	19.5
				1	63	19.3	19.3	19.4	0	19.7	19.3	19.3	19.4	0	19.5
				32	16	19.3	19.2	19.5	0	19.7	19.3	19.2	19.5	0	19.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
						630666	633332	635998			630666	633332	635998		
						3459.99 MHz	3499.98 MHz	3539.97 MHz			3459.99 MHz	3499.98 MHz	3539.97 MHz		
20	DFT-s	30	π/2 BPSK	1	1	19.4	19.3	19.4	0	19.7	19.4	19.3	19.4	0	19.5
				1	25	19.5	19.4	19.2	0	19.7	19.5	19.4	19.2	0	19.5
				1	49	19.4	19.3	19.3	0	19.7	19.4	19.3	19.3	0	19.5
				25	12	19.3	19.5	19.3	0	19.7	19.3	19.5	19.3	0	19.5
			QPSK	1	1	19.4	19.4	19.4	0	19.7	19.4	19.4	19.4	0	19.5
				1	25	19.4	19.3	19.4	0	19.7	19.4	19.3	19.4	0	19.5
				1	49	19.4	19.2	19.4	0	19.7	19.4	19.2	19.4	0	19.5
				25	12	19.5	19.2	19.5	0	19.7	19.5	19.2	19.5	0	19.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
						630500	633332	636166			630500	633332	636166		
						3457.5 MHz	3499.98 MHz	3542.49 MHz			3457.5 MHz	3499.98 MHz	3542.49 MHz		
15	DFT-s	30	π/2 BPSK	1	1	19.3	19.3	19.2	0	19.7	19.3	19.3	19.2	0	19.5
				1	18	19.4	19.3	19.3	0	19.7	19.4	19.3	19.3	0	19.5
				1	36	19.3	19.2	19.3	0	19.7	19.3	19.2	19.3	0	19.5
				18	9	19.3	19.4	19.5	0	19.7	19.3	19.4	19.5	0	19.5
			QPSK	1	1	19.3	19.4	19.3	0	19.7	19.3	19.4	19.3	0	19.5
				1	18	19.3	19.4	19.2	0	19.7	19.3	19.4	19.2	0	19.5
				1	36	19.4	19.4	19.3	0	19.7	19.4	19.4	19.3	0	19.5
				18	9	19.5	19.3	19.3	0	19.7	19.5	19.3	19.3	0	19.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			MPR	Tune-up Limit	Power Mode B (dBm)			MPR	Tune-up Limit
						630332	633332	636332			630332	633332	636332		
						3454.98 MHz	3499.98 MHz	3544.98 MHz			3454.98 MHz	3499.98 MHz	3544.98 MHz		
10	DFT-s	30	π/2 BPSK	1	1	19.3	19.4	19.3	0	19.7	19.3	19.4	19.3	0	19.5
				1	11	19.3	19.4	19.3	0	19.7	19.3	19.4	19.3	0	19.5
				1	22	19.3	19.4	19.3	0	19.7	19.3	19.4	19.3	0	19.5
				12	6	19.2	19.3	19.4	0	19.7	19.2	19.3	19.4	0	19.5
			QPSK	1	1	19.3	19.2	19.4	0	19.7	19.3	19.2	19.4	0	19.5
				1	11	19.2	19.4	19.3	0	19.7	19.2	19.4	19.3	0	19.5
				1	22	19.3	19.3	19.5	0	19.7	19.3	19.3	19.5	0	19.5
				12	6	19.3	19.4	19.3	0	19.7	19.3	19.4	19.3	0	19.5

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

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
						656000	MPR	Tune-up Limit	656000	MPR	Tune-up Limit
						3840 MHz			3840 MHz		
100	DFT-s	30	π/2 BPSK	1	1	19.5	0	19.7	19.5	0	19.5
				1	136	19.5	0	19.7	19.5	0	19.5
				1	271	19.4	0	19.7	19.4	0	19.5
				135	67	19.5	0	19.7	19.5	0	19.5
			QPSK	1	1	19.5	0	19.7	19.5	0	19.5
				1	136	19.4	0	19.7	19.4	0	19.5
				1	271	19.4	0	19.7	19.4	0	19.5
				135	67	19.2	0	19.7	19.2	0	19.5

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
						656000	MPR	Tune-up Limit	656000	MPR	Tune-up Limit
						3840 MHz			3840 MHz		
90	DFT-s	30	π/2 BPSK	1	1	19.3	0	19.7	19.3	0	19.5
				1	122	19.2	0	19.7	19.2	0	19.5
				1	243	19.3	0	19.7	19.3	0	19.5
				121	60	19.4	0	19.7	19.4	0	19.5
			QPSK	1	1	19.3	0	19.7	19.3	0	19.5
				1	122	19.3	0	19.7	19.3	0	19.5
				1	243	19.5	0	19.7	19.5	0	19.5
				121	60	19.3	0	19.7	19.3	0	19.5

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
						656000	MPR	Tune-up Limit	656000	MPR	Tune-up Limit
						3840 MHz			3840 MHz		
80	DFT-s	30	π/2 BPSK	1	1	19.5	0	19.7	19.5	0	19.5
				1	108	19.4	0	19.7	19.4	0	19.5
				1	215	19.3	0	19.7	19.3	0	19.5
				108	54	19.4	0	19.7	19.4	0	19.5
			QPSK	1	1	19.5	0	19.7	19.5	0	19.5
				1	108	19.4	0	19.7	19.4	0	19.5
				1	215	19.2	0	19.7	19.2	0	19.5
				108	54	19.4	0	19.7	19.4	0	19.5

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
						656000	MPR	Tune-up Limit	656000	MPR	Tune-up Limit
						3840 MHz			3840 MHz		
70	DFT-s	30	π/2 BPSK	1	1	19.5	0	19.7	19.5	0	19.5
				1	91	19.3	0	19.7	19.3	0	19.5
				1	187	19.4	0	19.7	19.4	0	19.5
				94	47	19.3	0	19.7	19.3	0	19.5
			QPSK	1	1	19.3	0	19.7	19.3	0	19.5
				1	91	19.3	0	19.7	19.3	0	19.5
				1	187	19.4	0	19.7	19.4	0	19.5
				94	47	19.3	0	19.7	19.3	0	19.5

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)			Power Mode B (dBm)		
						656000	MPR	Tune-up Limit	656000	MPR	Tune-up Limit
						3840 MHz			3840 MHz		
60	DFT-s	30	π/2 BPSK	1	1	19.4	0	19.7	19.4	0	19.5
				1	80	19.3	0	19.7	19.3	0	19.5
				1	160	19.2	0	19.7	19.2	0	19.5
				81	40	19.2	0	19.7	19.2	0	19.5
			QPSK	1	1	19.4	0	19.7	19.4	0	19.5
				1	80	19.5	0	19.7	19.5	0	19.5
				1	160	19.4	0	19.7	19.4	0	19.5
				81	40	19.3	0	19.7	19.3	0	19.5

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)							Power Mode B (dBm)						
						648332	652166	656000	659832	663666	MPR	Tune-up Limit	648332	652166	656000	659832	663666	MPR	Tune-up Limit
						3724.98 MHz	3782.49 MHz	3840 MHz	3897.48 MHz	3954.99 MHz			3724.98 MHz	3782.49 MHz	3840 MHz	3897.48 MHz	3954.99 MHz		
50	DFT-s	30	π/2 BPSK	1	1	19.4	19.4	19.4	19.2	19.3	0	19.7	19.4	19.4	19.4	19.2	19.3	0	19.5
				1	66	19.3	19.3	19.3	19.3	19.3	0	19.7	19.3	19.3	19.3	19.3	19.3	0	19.5
				1	131	19.4	19.4	19.3	19.3	19.5	0	19.7	19.4	19.4	19.3	19.3	19.5	0	19.5
				64	32	19.5	19.4	19.3	19.3	19.3	0	19.7	19.5	19.4	19.3	19.3	19.3	0	19.5
			QPSK	1	1	19.3	19.2	19.4	19.3	19.3	0	19.7	19.3	19.2	19.4	19.3	19.3	0	19.5
				1	66	19.4	19.3	19.4	19.3	19.4	0	19.7	19.4	19.3	19.4	19.3	19.4	0	19.5
				1	131	19.5	19.4	19.5	19.5	19.3	0	19.7	19.5	19.4	19.5	19.5	19.3	0	19.5
				64	32	19.3	19.4	19.3	19.4	19.2	0	19.7	19.3	19.4	19.3	19.4	19.2	0	19.5

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)							Power Mode B (dBm)						
						647998	651998	656000	659998	663998	MPR	Tune-up Limit	647998	651998	656000	659998	663998	MPR	Tune-up Limit
						3719.97 MHz	3779.97 MHz	3840 MHz	3899.97 MHz	3959.97 MHz			3719.97 MHz	3779.97 MHz	3840 MHz	3899.97 MHz	3959.97 MHz		
40	DFT-s	30	π/2 BPSK	1	1	19.4	19.2	19.2	19.2	19.5	0	19.7	19.4	19.2	19.2	19.2	19.5	0	19.5
				1	52	19.3	19.3	19.2	19.5	19.3	0	19.7	19.3	19.3	19.2	19.5	19.3	0	19.5
				1	104	19.5	19.5	19.3	19.3	19.4	0	19.7	19.5	19.5	19.3	19.3	19.4	0	19.5
				50	25	19.3	19.4	19.3	19.2	19.5	0	19.7	19.3	19.4	19.3	19.2	19.5	0	19.5
			QPSK	1	1	19.3	19.4	19.4	19.4	19.3	0	19.7	19.3	19.4	19.4	19.4	19.3	0	19.5
				1	52	19.4	19.3	19.4	19.4	19.4	0	19.7	19.4	19.3	19.4	19.4	19.4	0	19.5
				1	104	19.2	19.3	19.4	19.5	19.3	0	19.7	19.2	19.3	19.4	19.5	19.3	0	19.5
				50	25	19.5	19.5	19.4	19.3	19.3	0	19.7	19.5	19.5	19.4	19.3	19.3	0	19.5

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

BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					MPR	Tune-up Limit	Power Mode B (dBm)					MPR	Tune-up Limit
						647666	651832	656000	660166	664332			647666	651832	656000	660166	664332		
						3714.99 MHz	3777.48 MHz	3840 MHz	3902.49 MHz	3964.98 MHz			3714.99 MHz	3777.48 MHz	3840 MHz	3902.49 MHz	3964.98 MHz		
30	DFT-s	30	π/2 BPSK	1	1	19.3	19.5	19.2	19.4	19.5	0	19.7	19.3	19.5	19.2	19.4	19.5	0	19.5
				1	38	19.4	19.4	19.2	19.2	19.2	0	19.7	19.4	19.4	19.2	19.2	19.2	0	19.5
				1	76	19.2	19.4	19.3	19.5	19.2	0	19.7	19.2	19.4	19.3	19.5	19.2	0	19.5
				36	18	19.2	19.5	19.4	19.2	19.4	0	19.7	19.2	19.5	19.4	19.2	19.4	0	19.5
			QPSK	1	1	19.2	19.2	19.5	19.5	19.4	0	19.7	19.2	19.2	19.5	19.5	19.4	0	19.5
				1	38	19.4	19.3	19.3	19.3	19.3	0	19.7	19.4	19.3	19.3	19.3	19.3	0	19.5
				1	76	19.3	19.4	19.2	19.3	19.3	0	19.7	19.3	19.4	19.2	19.3	19.3	0	19.5
				36	18	19.3	19.4	19.5	19.4	19.3	0	19.7	19.3	19.4	19.5	19.4	19.3	0	19.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					MPR	Tune-up Limit	Power Mode B (dBm)					MPR	Tune-up Limit
						647498	651748	656000	660248	664498			647498	651748	656000	660248	664498		
						3712.47 MHz	3776.22 MHz	3840 MHz	3903.72 MHz	3967.47 MHz			3712.47 MHz	3776.22 MHz	3840 MHz	3903.72 MHz	3967.47 MHz		
25	DFT-s	30	π/2 BPSK	1	1	19.2	19.4	19.4	19.5	19.5	0	19.7	19.2	19.4	19.4	19.5	19.5	0	19.5
				1	32	19.2	19.3	19.3	19.3	19.4	0	19.7	19.2	19.3	19.3	19.3	19.4	0	19.5
				1	63	19.4	19.5	19.5	19.3	19.3	0	19.7	19.4	19.5	19.5	19.3	19.3	0	19.5
				32	16	19.4	19.3	19.4	19.3	19.2	0	19.7	19.4	19.3	19.4	19.3	19.2	0	19.5
			QPSK	1	1	19.5	19.3	19.5	19.3	19.3	0	19.7	19.5	19.3	19.5	19.3	19.3	0	19.5
				1	32	19.3	19.3	19.4	19.3	19.5	0	19.7	19.3	19.3	19.4	19.3	19.5	0	19.5
				1	63	19.2	19.4	19.3	19.3	19.3	0	19.7	19.2	19.4	19.3	19.3	19.3	0	19.5
				32	16	19.3	19.4	19.2	19.4	19.4	0	19.7	19.3	19.4	19.2	19.4	19.4	0	19.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					MPR	Tune-up Limit	Power Mode B (dBm)					MPR	Tune-up Limit
						647332	651666	656000	660332	664666			647332	651666	656000	660332	664666		
						3709.98 MHz	3774.99 MHz	3840 MHz	3904.98 MHz	3969.99 MHz			3709.98 MHz	3774.99 MHz	3840 MHz	3904.98 MHz	3969.99 MHz		
20	DFT-s	30	π/2 BPSK	1	1	19.3	19.4	19.5	19.2	19.5	0	19.7	19.3	19.4	19.5	19.2	19.5	0	19.5
				1	25	19.4	19.4	19.4	19.5	19.3	0	19.7	19.4	19.4	19.4	19.5	19.3	0	19.5
				1	49	19.4	19.3	19.4	19.3	19.3	0	19.7	19.4	19.3	19.4	19.3	19.3	0	19.5
				25	12	19.5	19.4	19.3	19.3	19.3	0	19.7	19.5	19.4	19.3	19.3	19.3	0	19.5
			QPSK	1	1	19.4	19.5	19.5	19.4	19.2	0	19.7	19.4	19.5	19.5	19.4	19.2	0	19.5
				1	25	19.5	19.4	19.4	19.2	19.3	0	19.7	19.5	19.4	19.4	19.2	19.3	0	19.5
				1	49	19.3	19.3	19.4	19.4	19.4	0	19.7	19.3	19.3	19.4	19.4	19.4	0	19.5
				25	12	19.3	19.2	19.3	19.2	19.5	0	19.7	19.3	19.2	19.3	19.2	19.5	0	19.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					MPR	Tune-up Limit	Power Mode B (dBm)					MPR	Tune-up Limit
						647166	651582	656000	660416	664832			647166	651582	656000	660416	664832		
						3707.49 MHz	3773.73 MHz	3840 MHz	3906.24 MHz	3972.48 MHz			3707.49 MHz	3773.73 MHz	3840 MHz	3906.24 MHz	3972.48 MHz		
15	DFT-s	30	π/2 BPSK	1	1	19.4	19.2	19.3	19.4	19.3	0	19.7	19.4	19.2	19.3	19.4	19.3	0	19.5
				1	18	19.2	19.4	19.3	19.4	19.3	0	19.7	19.2	19.4	19.3	19.4	19.3	0	19.5
				1	36	19.4	19.2	19.3	19.3	19.3	0	19.7	19.4	19.2	19.3	19.3	19.3	0	19.5
				18	9	19.4	19.5	19.4	19.4	19.5	0	19.7	19.4	19.5	19.4	19.4	19.5	0	19.5
			QPSK	1	1	19.2	19.4	19.2	19.3	19.3	0	19.7	19.2	19.4	19.2	19.3	19.3	0	19.5
				1	18	19.5	19.4	19.4	19.4	19.4	0	19.7	19.5	19.4	19.4	19.4	19.4	0	19.5
				1	36	19.4	19.4	19.3	19.4	19.3	0	19.7	19.4	19.4	19.3	19.4	19.3	0	19.5
				18	9	19.4	19.2	19.4	19.5	19.4	0	19.7	19.4	19.2	19.4	19.5	19.4	0	19.5
BW (MHz)	OFDM Modulation Scheme	SCS (kHz)	Mode	RB Allocation	RB offset	Power Mode A (dBm)					MPR	Tune-up Limit	Power Mode B (dBm)					MPR	Tune-up Limit
						646998	651498	656000	660498	664998			646998	651498	656000	660498	664998		
						3704.97 MHz	3772.47 MHz	3840 MHz	3907.47 MHz	3974.97 MHz			3704.97 MHz	3772.47 MHz	3840 MHz	3907.47 MHz	3974.97 MHz		
10	DFT-s	30	π/2 BPSK	1	1	19.3	19.3	19.3	19.2	19.4	0	19.7	19.3	19.3	19.3	19.2	19.4	0	19.5
				1	11	19.3	19.5	19.4	19.2	19.3	0	19.7	19.3	19.5	19.4	19.2	19.3	0	19.5
				1	22	19.4	19.5	19.5	19.4	19.5	0	19.7	19.4	19.5	19.5	19.4	19.5	0	19.5
				12	6	19.3	19.5	19.3	19.2	19.4	0	19.7	19.3	19.5	19.3	19.2	19.4	0	19.5
			QPSK	1	1	19.4	19.4	19.2	19.3	19.3	0	19.7	19.4	19.4	19.2	19.3	19.3	0	19.5
				1	11	19.2	19.4	19.4	19.2	19.3	0	19.7	19.2	19.4	19.4	19.2	19.3	0	19.5
				1	22	19.4	19.4	19.2	19.3	19.4	0	19.7	19.4	19.4	19.2	19.3	19.4	0	19.5
				12	6	19.3	19.3	19.4	19.4	19.4	0	19.7	19.3	19.3	19.4	19.4	19.4	0	19.5

9.7. Wi-Fi 2.4GHz (DTS Band)

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

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

Tune-up Output Power for Wi-Fi 2.4 GHz

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

Channel	Frequency (MHz)	Tune-up Output Power (dBm)																								
		ANT3 / ANT4																								
		SISO														MIMO										
		b (SISO)	g (SISO) Low Rate	g (SISO) Mid Rate	g (SISO) High Rate	11n/11ac HT20 (SISO) Low Rate	11n/11ac HT20 (SISO) Mid Rate	11n/11ac HT20 (SISO) High Rate	11ax HE20 (SISO) Low Rate	11ax HE20 (SISO) Mid Rate	11ax HE20 (SISO) High Rate	11ax HE20 RU242 (SISO)	11ax HE20 RU106 (SISO)	11ax HE20 RU52 (SISO)	11ax HE20 RU26 (SISO)	11n/11ac HT20 (2Tx, nonTXBF) Low Rate	11n/11ac HT20 (2Tx, nonTXBF) Mid Rate	11n/11ac HT20 (2Tx, nonTXBF) High Rate	11ax HE20 (2Tx, nonTXBF) Low Rate	11ax HE20 (2Tx, nonTXBF) Mid Rate	11ax HE20 (2Tx, nonTXBF) High Rate	11ax HE20 RU242 (2Tx, nonTxBF)	11ax HE20 RU106 (2Tx, nonTxBF)	11ax HE20 RU52 (2Tx, nonTxBF)	11ax HE20 RU26 (2Tx, nonTxBF)
1	2412	**21.5**	17.5	17.0	16.5	17.5	17.0	16.5	17.0	16.5	16.0	16.0	16.0	15.0	12.0	17.0	16.5	16.0	16.0	15.5	15.0	15.0	15.0	15.0	12.0
2	2417	**21.5**	20.5	20.0	19.5	20.5	20.0	19.5	19.0	18.5	18.0	18.0	18.0	15.0	12.0	19.5	19.0	18.5	18.0	17.5	17.0	17.0	17.0	15.0	12.0
3	2422	**21.5**	21.5	21.5	21.0	21.5	21.5	21.0	21.0	20.5	20.0	20.0	18.0	15.0	12.0	21.0	20.5	20.0	20.0	19.5	19.0	19.0	18.0	15.0	12.0
4	2427	**21.5**	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	18.0	15.0	12.0	21.5	21.5	21.5	21.5	21.5	21.5	21.5	18.0	15.0	12.0
5	2432	**21.5**	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	18.0	15.0	12.0	21.5	21.5	21.5	21.5	21.5	21.5	21.5	18.0	15.0	12.0
6	2437	**21.5**	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	18.0	15.0	12.0	21.5	21.5	21.5	21.5	21.5	21.5	21.5	18.0	15.0	12.0
7	2442	**21.5**	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	18.0	15.0	12.0	21.5	21.5	21.5	21.5	21.5	21.5	21.5	18.0	15.0	12.0
8	2447	**21.5**	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	18.0	15.0	12.0	21.5	21.5	21.5	21.5	21.5	21.5	21.5	18.0	15.0	12.0
9	2452	**21.5**	21.5	21.0	20.5	21.5	21.0	20.5	21.0	20.5	20.0	20.0	18.0	15.0	12.0	20.5	20.0	19.5	19.5	19.0	18.5	18.5	18.0	15.0	12.0
10	2457	**21.5**	20.5	20.0	19.5	20.5	20.0	19.5	19.0	18.5	18.0	18.0	18.0	15.0	12.0	19.5	19.0	18.5	18.0	17.5	17.0	17.0	17.0	15.0	12.0
11	2462	**21.5**	18.5	18.0	17.5	18.5	18.0	17.5	17.0	16.5	16.0	16.0	16.0	15.0	12.0	17.5	17.0	16.5	16.0	15.5	15.0	15.0	15.0	15.0	12.0
12	2467	**21.5**	16.5	16.0	15.5	16.5	16.0	15.5	15.0	14.5	14.0	14.0	14.0	14.0	12.0	15.0	14.5	14.0	13.5	13.0	12.5	12.5	12.5	12.5	12.0
13	2472	**21.5**	15.0	15.0	15.0	15.0	15.0	15.0	10.0	10.0	10.0	10.0	7.0	4.0	1.0	14.5	14.5	14.5	9.0	9.0	9.0	9.0	6.0	3.0	0.0

Wi-Fi 2.4 GHz($P_{Cell\ OFF}$ and $P_{Cell\ ON}$)

For 2.4 GHz band, there are three use cases:

- $P_{Cell\ OFF}$: This will be used when only Wi-Fi radio is ON and WWAN (Sub-6 GHz) is OFF.
- $P_{Cell\ ON}$: This will be used when Wi-Fi radio and Sub 6GHz are ON and 5G FR2 is OFF.
- $P_{Cell\ ON\ (5G\ FR2\ ON)}$: This will be used when the Wi-Fi radio and only 5G FR2 are ON.[3]

Mode	Channel	Frequency (MHz)	Tune-up Output Power (dBm) $P_{Cell\ OFF}$				Tune-up Output Power (dBm) $P_{Cell\ ON}$				Tune-up Output Power (dBm) $P_{Cell\ ON\ (5G\ FR2\ ON)}$			
			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
802.11b DSSS (SISO)	1	2412	21.50	21.00	20.50	20.75	21.50	18.00	16.00	17.75	20.50	17.00	16.00	16.75
	2	2417	21.50	21.00	20.50	20.75	21.50	18.00	16.00	17.75	20.50	17.00	16.00	16.75
	3	2422	21.50	21.00	20.50	20.75	21.50	18.00	16.00	17.75	20.50	17.00	16.00	16.75
	4	2427	21.50	21.00	20.50	20.75	21.50	18.00	16.00	17.75	20.50	17.00	16.00	16.75
	5	2432	21.50	21.00	20.50	20.75	21.50	18.00	16.00	17.75	20.50	17.00	16.00	16.75
	6	2437	21.50	21.00	20.50	20.75	21.50	18.00	16.00	17.75	20.50	17.00	16.00	16.75
	7	2442	21.50	21.00	20.50	20.75	21.50	18.00	16.00	17.75	20.50	17.00	16.00	16.75
	8	2447	21.50	21.00	20.50	20.75	21.50	18.00	16.00	17.75	20.50	17.00	16.00	16.75
	9	2452	21.50	21.00	20.50	20.75	21.50	18.00	16.00	17.75	20.50	17.00	16.00	16.75
	10	2457	21.50	21.00	20.50	20.75	21.50	18.00	16.00	17.75	20.50	17.00	16.00	16.75
	11	2462	21.50	21.00	20.50	20.75	21.50	18.00	16.00	17.75	20.50	17.00	16.00	16.75
	12	2467	21.50	21.00	20.50	20.75	21.50	18.00	16.00	17.75	20.50	17.00	16.00	16.75
	13	2472	21.50	21.00	20.50	20.75	21.50	18.00	16.00	17.75	20.50	17.00	16.00	16.75

3 Refer to the accompanied Part 1 report for TER analysis. The SAR report will not include this power state for its Simultaneous Transmission scenario.

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 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)	Tune-up (dBm)	SAR Test (Yes/No)	Ch #	Freq. (MHz)	Meas Pwr (dBm)	Tune-up (dBm)	SAR Test (Yes/No)
P_{Cell_OFF}	ANT3	DSSS 802.11b	1	2412	19.96	21.50	Yes	1	2412	19.96	21.00	Yes
			6	2437	19.99	21.50		6	2437	19.99	21.00	
			11	2462	19.97	21.50		11	2462	19.97	21.00	
	ANT4	DSSS 802.11b	1	2412	19.11	20.50	Yes	1	2412	19.42	20.75	Yes
			6	2437	19.29	20.50		6	2437	19.49	20.75	
			11	2462	19.20	20.50		11	2462	19.38	20.75	
Power Mode	Antenna	Mode	Power Mode A					Power Mode B				
			Ch #	Freq. (MHz)	Meas Pwr (dBm)	Tune-up (dBm)	SAR Test (Yes/No)	Ch #	Freq. (MHz)	Meas Pwr (dBm)	Tune-up (dBm)	SAR Test (Yes/No)
P_{Cell_ON}	ANT3	DSSS 802.11b	1	2412	19.96	21.50	Yes	1	2412	16.74	18.00	Yes
			6	2437	19.99	21.50		6	2437	16.79	18.00	
			11	2462	19.97	21.50		11	2462	16.68	18.00	
	ANT4	DSSS 802.11b	1	2412	14.71	16.00	Yes	1	2412	16.30	17.75	Yes
			6	2437	14.77	16.00		6	2437	16.34	17.75	
			11	2462	14.70	16.00		11	2462	16.26	17.75	

Note(s):

1. SAR is not required for channel 12 and 13 because the tune-up limit 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.
2. $P_{Cell\ ON\ (5G\ FR2\ ON)}$ and $P_{Cell\ ON}$ share the same measured power. Power for both power modes were measured using the same setting. With power being within 2 dB of both tune-up limits, $P_{Cell\ ON}$ will experience greater scaling, thus representing a more conservative value.

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

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

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

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

Tune-up Output Power for Wi-Fi 5 GHz

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

Bandwidth	Band	Channel	Frequency (MHz)	Tune-up 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	FCC 11ax HE20 RU242 (SISO)	FCC 11ax HE20 RU106 (SISO)	FCC 11ax HE20 RU52 (SISO)	FCC 11ax HE20 RU26 (SISO)
20 MHz	U-NII-1	36	5180	19.0	19.0	19.0	19.0	19.0	19.0	18.0	18.0	18.0	18.0	17.5	14.5	12.0
		40	5200	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	17.5	14.5	12.0
		44	5220	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	17.5	14.5	12.0
		48	5240	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	17.5	14.5	12.0
	U-NII-2A	52	5260	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	17.5	14.5	12.0
		56	5280	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	17.5	14.5	12.0
		60	5300	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	17.5	14.5	12.0
		64	5320	19.0	19.0	19.0	19.0	19.0	19.0	18.0	18.0	18.0	18.0	17.5	14.5	12.0
	U-NII-2C	100	5500	19.5	19.5	19.0	19.5	19.5	19.0	19.0	18.5	18.0	18.0	17.5	14.5	12.0
		104	5520	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	17.5	14.5	12.0
		108	5540	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	17.5	14.5	12.0
		112	5560	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	17.5	14.5	12.0
		116	5580	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	17.5	14.5	12.0
		120	5600	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	17.5	14.5	12.0
		124	5620	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	17.5	14.5	12.0
		128	5640	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	17.5	14.5	12.0
		132	5660	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	17.5	14.5	12.0
		136	5680	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	17.5	14.5	12.0
		140	5700	17.0	16.5	16.0	17.0	16.5	16.0	16.5	16.0	15.5	15.5	15.5	14.5	12.0
		144	5720	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	17.5	14.5	12.0
	U-NII-3	149	5745	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	18.0	15.0	12.0
		153	5765	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	18.0	15.0	12.0
		157	5785	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	18.0	15.0	12.0
		161	5805	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	18.0	15.0	12.0
		165	5825	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	18.0	15.0	12.0
Bandwidth	Band	Channel	Frequency (MHz)				11n/11ac HT40 (SISO) Low Rate	11n/11ac HT40 (SISO) Mid Rate	11n/11ac HT40 (SISO) High Rate	11ax HE40 (SISO) Low Rate	11ax HE40 (SISO) Mid Rate	11ax HE40 (SISO) High Rate	FCC 11ax HE40 RU484 (SISO)	FCC 11ax HE40 RU106 (SISO)	FCC 11ax HE40 RU52 (SISO)	FCC 11ax HE40 RU26 (SISO)
40MHz	U-NII-1	38	5190				16.5	16.0	15.5	16.0	15.5	15.0	15.0	15.0	14.0	11.0
		46	5230				20.5	20.5	20.5	20.5	20.5	20.5	20.5	17.0	14.0	11.0
	U-NII-2A	54	5270				20.5	20.5	20.5	20.5	20.5	20.5	20.5	17.0	14.0	11.0
		62	5310				17.0	16.5	16.0	16.0	15.5	15.0	15.0	15.0	14.0	11.0
	U-NII-2C	102	5510				16.0	15.5	15.0	16.0	15.5	15.0	15.0	15.0	14.0	11.0
		110	5550				20.5	20.5	20.5	20.5	20.5	20.5	20.5	17.0	14.0	11.0
		118	5590				20.5	20.5	20.5	20.5	20.5	20.5	20.5	17.0	14.0	11.0
		126	5630				20.5	20.5	20.5	20.5	20.5	20.5	20.5	17.0	14.0	11.0
		134	5670				19.5	19.0	18.5	19.0	18.5	18.0	18.0	17.0	14.0	11.0
		142	5710				20.5	20.5	20.5	20.5	20.5	20.5	20.5	17.0	14.0	11.0
	U-NII-3	151	5755				20.5	20.5	20.5	20.5	20.5	20.5	20.5	17.0	14.0	11.0
		159	5795				20.5	20.5	20.5	20.5	20.5	20.5	20.5	17.0	14.0	11.0
Bandwidth	Band	Channel	Frequency (MHz)				11ac VHT80 (SISO) Low Rate	11ac VHT80 (SISO) Mid Rate	11ac VHT80 (SISO) High Rate	11ax HE80 (SISO) Low Rate	11ax HE80 (SISO) Mid Rate	11ax HE80 (SISO) High Rate	FCC 11ax HE80 RU996 (SISO)	FCC 11ax HE80 RU106 (SISO)	FCC 11ax HE80 RU52 (SISO)	FCC 11ax HE80 RU26 (SISO)
80MHz	U-NII-1	42	5210				16.5	16.0	15.5	16.5	16.0	15.5	15.5	15.5	14.0	11.0
	U-NII-2A	58	5290				17.0	16.5	16.0	17.0	16.5	16.0	16.0	16.0	14.0	11.0
	U-NII-2C	106	5530				17.0	16.5	16.0	16.0	15.5	15.0	15.0	15.0	14.0	11.0
		122	5610				20.5	20.5	20.5	20.5	20.5	20.5	20.5	17.0	14.0	11.0
		138	5690				20.5	20.5	20.5	20.5	20.5	20.5	20.5	17.0	14.0	11.0
	U-NII-3	155	5775				20.5	20.5	20.5	20.5	20.5	20.5	20.5	17.0	14.0	11.0

Bandwidth	Band	Channel	Frequency (MHz)	Tune-up Output Power (dBm)																			
				ANT5 / ANT6																			
				MIMO																			
				11n/11ac HT20 (2Tx, CDD, nonTXBF) Low Rate	11n/11ac HT20 (2Tx, CDD, nonTXBF) Mid Rate	11n/11ac HT20 (2Tx, CDD, nonTXBF) High Rate	11ax HE20 (2Tx, CDD, nonTxBF) Low Rate	11ax HE20 (2Tx, CDD, nonTxBF) Mid Rate	11ax HE20 (2Tx, CDD, nonTxBF) High Rate	11ax HE20 RU242 (2Tx, CDD, nonTxBF)	11ax HE20 RU106 (2Tx, CDD, nonTxBF)	11ax HE20 RU52 (2Tx, CDD, nonTxBF)	11ax HE20 RU26 (2Tx, CDD, nonTxBF)	11n/11ac HT20 (2Tx, SDM, nonTxBF) Low Rate	11n/11ac HT20 (2Tx, SDM, nonTxBF) Mid Rate	11n/11ac HT20 (2Tx, SDM, nonTxBF) High Rate	11ax HE20 (2Tx, SDM, nonTXBF) Low Rate	11ax HE20 (2Tx, SDM, nonTXBF) Mid Rate	11ax HE20 (2Tx, SDM, nonTXBF) High Rate	11ax HE20 RU242 (2Tx, SDM, nonTxBF)	11ax HE20 RU106 (2Tx, SDM, nonTxBF)	11ax HE20 RU52 (2Tx, SDM, nonTxBF)	11ax HE20 RU26 (2Tx, SDM, nonTxBF)
20 MHz	U-NII-1	36	5180	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	9.0	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	9.0
		40	5200	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	9.0	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	9.0
		44	5220	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	9.0	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	9.0
		48	5240	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	9.0	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	9.0
	U-NII-2A	52	5260	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	9.0	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	9.0
		56	5280	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	9.0	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	9.0
		60	5300	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	9.0	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	9.0
		64	5320	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	9.0	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	9.0
	U-NII-2C	100	5500	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	9.0	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	9.0
		104	5520	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	9.0	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	9.0
		108	5540	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	9.0	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	9.0
		112	5560	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	9.0	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	9.0
		116	5580	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	9.0	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	9.0
		120	5600	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	9.0	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	9.0
		124	5620	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	9.0	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	9.0
		128	5640	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	9.0	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	9.0
		132	5660	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	9.0	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	9.0
		136	5680	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	9.0	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	9.0
		140	5700	16.5	16.0	15.5	16.0	15.5	15.0	15.0	14.5	11.5	9.0	16.5	16.0	15.5	16.0	15.5	15.0	15.0	14.5	11.5	9.0
		144	5720	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	9.0	16.5	16.5	16.5	16.5	16.5	16.5	16.5	14.5	11.5	9.0
	U-NII-3	149	5745	21.5	21.5	21.5	21.5	21.5	21.5	21.5	18.0	15.0	12.0	21.5	21.5	21.5	21.5	21.5	21.5	21.5	18.0	15.0	12.0
		153	5765	21.5	21.5	21.5	21.5	21.5	21.5	21.5	18.0	15.0	12.0	21.5	21.5	21.5	21.5	21.5	21.5	21.5	18.0	15.0	12.0
		157	5785	21.5	21.5	21.5	21.5	21.5	21.5	21.5	18.0	15.0	12.0	21.5	21.5	21.5	21.5	21.5	21.5	21.5	18.0	15.0	12.0
		161	5805	21.5	21.5	21.5	21.5	21.5	21.5	21.5	18.0	15.0	12.0	21.5	21.5	21.5	21.5	21.5	21.5	21.5	18.0	15.0	12.0
		165	5825	21.5	21.5	21.5	21.5	21.5	21.5	21.5	18.0	15.0	12.0	21.5	21.5	21.5	21.5	21.5	21.5	21.5	18.0	15.0	12.0
Bandwidth	Band	Channel	Frequency (MHz)	11n/11ac HT40 (2Tx, CDD, nonTXBF) Low Rate	11n/11ac HT40 (2Tx, CDD, nonTXBF) Mid Rate	11n/11ac HT40 (2Tx, CDD, nonTXBF) High Rate	11ax HE40 (2Tx, CDD, nonTxBF) Low Rate	11ax HE40 (2Tx, CDD, nonTxBF) Mid Rate	11ax HE40 (2Tx, CDD, nonTxBF) High Rate	11ax HE40 RU484 (2Tx, CDD, nonTxBF)	11ax HE40 RU106 (2Tx, CDD, nonTxBF)	11ax HE40 RU52 (2Tx, CDD, nonTxBF)	11ax HE40 RU26 (2Tx, CDD, nonTxBF)	11n/11ac HT40 (2Tx, SDM, nonTxBF) Low Rate	11n/11ac HT40 (2Tx, SDM, nonTxBF) Mid Rate	11n/11ac HT40 (2Tx, SDM, nonTxBF) High Rate	11ax HE40 (2Tx, SDM, nonTXBF) Low Rate	11ax HE40 (2Tx, SDM, nonTXBF) Mid Rate	11ax HE40 (2Tx, SDM, nonTXBF) High Rate	11ax HE40 RU484 (2Tx, SDM, nonTxBF)	11ax HE40 RU106 (2Tx, SDM, nonTxBF)	11ax HE40 RU52 (2Tx, SDM, nonTxBF)	11ax HE40 RU26 (2Tx, SDM, nonTxBF)
40MHz	U-NII-1	38	5190	16.0	15.5	15.0	15.5	15.0	14.5	14.5	14.5	11.5	9.0	16.0	15.5	15.0	15.5	15.0	14.5	14.5	14.5	11.5	9.0
		46	5230	19.5	19.5	19.5	19.5	19.5	19.5	19.5	14.5	11.5	9.0	19.5	19.5	19.5	19.5	19.5	19.5	19.5	14.5	11.5	9.0
	U-NII-2A	54	5270	19.5	19.5	19.5	19.5	19.5	19.5	19.5	14.5	11.5	9.0	19.5	19.5	19.5	19.5	19.5	19.5	19.5	14.5	11.5	9.0
		62	5310	15.5	15.0	14.5	15.5	15.0	14.5	14.5	14.5	11.5	9.0	15.5	15.0	14.5	15.5	15.0	14.5	14.5	14.5	11.5	9.0
	U-NII-2C	102	5510	15.0	14.5	14.0	15.5	15.0	14.5	14.5	14.5	11.5	9.0	15.0	14.5	14.0	15.5	15.0	14.5	14.5	14.5	11.5	9.0
		110	5550	19.5	19.5	19.5	19.5	19.5	19.5	19.5	14.5	11.5	9.0	19.5	19.5	19.5	19.5	19.5	19.5	19.5	14.5	11.5	9.0
		118	5590	19.5	19.5	19.5	19.5	19.5	19.5	19.5	14.5	11.5	9.0	19.5	19.5	19.5	19.5	19.5	19.5	19.5	14.5	11.5	9.0
		126	5630	19.5	19.5	19.5	19.5	19.5	19.5	19.5	14.5	11.5	9.0	19.5	19.5	19.5	19.5	19.5	19.5	19.5	14.5	11.5	9.0
		134	5670	19.0	18.5	18.0	18.5	18.0	17.5	17.5	14.5	11.5	9.0	19.0	18.5	18.0	18.5	18.0	17.5	17.5	14.5	11.5	9.0
		142	5710	19.5	19.5	19.5	19.5	19.5	19.5	19.5	14.5	11.5	9.0	19.5	19.5	19.5	19.5	19.5	19.5	19.5	14.5	11.5	9.0
	U-NII-3	151	5755	20.5	20.5	20.5	20.5	20.5	20.5	20.5	17.0	14.0	11.0	20.5	20.5	20.5	20.5	20.5	20.5	20.5	17.0	14.0	11.0
		159	5795	20.5	20.5	20.5	20.5	20.5	20.5	20.5	17.0	14.0	11.0	20.5	20.5	20.5	20.5	20.5	20.5	20.5	17.0	14.0	11.0
Bandwidth	Band	Channel	Frequency (MHz)	11ac VHT80 (2Tx, CDD, nonTXBF) Low Rate	11ac VHT80 (2Tx, CDD, nonTXBF) Mid Rate	11ac VHT80 (2Tx, CDD, nonTXBF) High Rate	11ax HE80 (2Tx, CDD, nonTxBF) Low Rate	11ax HE80 (2Tx, CDD, nonTxBF) Mid Rate	11ax HE80 (2Tx, CDD, nonTxBF) High Rate	11ax HE80 RU996 (2Tx, CDD, nonTxBF)	11ax HE80 RU106 (2Tx, CDD, nonTxBF)	11ax HE80 RU52 (2Tx, CDD, nonTxBF)	11ax HE80 RU26 (2Tx, CDD, nonTxBF)	11n/11ac HT80 (2Tx, SDM, nonTxBF) Low Rate	11n/11ac HT80 (2Tx, SDM, nonTxBF) Mid Rate	11n/11ac HT80 (2Tx, SDM, nonTxBF) High Rate	11ax HE80 (2Tx, SDM, nonTXBF) Low Rate	11ax HE80 (2Tx, SDM, nonTXBF) Mid Rate	11ax HE80 (2Tx, SDM, nonTXBF) High Rate	11ax HE80 RU996 (2Tx, SDM, nonTxBF)	11ax HE80 RU106 (2Tx, SDM, nonTxBF)	11ax HE80 RU52 (2Tx, SDM, nonTxBF)	11ax HE80 RU26 (2Tx, SDM, nonTxBF)
80MHz	U-NII-1	42	5210	15.5	15.0	14.5	15.5	15.0	14.5	14.5	14.5	11.5	9.0	15.5	15.0	14.5	15.5	15.0	14.5	14.5	14.5	11.5	9.0
	U-NII-2A	58	5290	16.5	16.0	15.5	16.0	15.5	15.0	15.0	14.5	11.5	9.0	16.5	16.0	15.5	16.0	15.5	15.0	15.0	14.5	11.5	9.0
	U-NII-2C	106	5530	16.5	16.0	15.5	15.0	14.5	14.0	14.0	13.5	11.5	9.0	16.5	16.0	15.5	15.0	14.5	14.0	14.0	13.5	11.5	9.0
		122	5610	20.0	20.0	20.0	20.0	20.0	20.0	20.0	14.5	11.5	9.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	14.5	11.5	9.0
		138	5690	20.0	20.0	20.0	20.0	20.0	20.0	20.0	14.5	11.5	9.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	14.5	11.5	9.0
	U-NII-3	155	5775	20.5	20.5	20.0	20.0	20.0	20.0	20.0	17.0	14.0	11.0	20.5	20.5	20.0	20.0	20.0	20.0	20.0	17.0	14.0	11.0

Wi-Fi 5 GHz($P_{Cell\ OFF}$ and $P_{Cell\ ON}$)

For 5GHz band, there are three use cases:

- $P_{Cell\ OFF}$: This will be used when only Wi-Fi radio is ON and WWAN (Sub-6 GHz) is OFF.
- $P_{Cell\ ON}$: This will be used when Wi-Fi radio and Sub 6GHz are ON and 5G FR2 is OFF.
- $P_{Cell\ ON\ (5G\ FR2\ ON)}$: This will be used when the Wi-Fi radio and only 5G FR2 are ON.[4]

Mode	Bandwidth	Channel	Frequency	Tune-up Output Power (dBm) $P_{Cell\ OFF}$				Tune-up Output Power (dBm) $P_{Cell\ ON}$				Tune-up Output Power (dBm) $P_{Cell\ ON\ (5G\ FR2\ ON)}$			
				ANT5		ANT6		ANT5		ANT6		ANT5		ANT6	
				Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B
U-NII-1 5.2 GHz (SISO)	802.11a 20 MHz	36	5180	19.00	16.00	18.00	18.00	18.50	12.50	13.50	14.00	17.50	11.50	13.50	13.00
		40	5200	19.50	16.00	18.00	18.00	18.50	12.50	13.50	14.00	17.50	11.50	13.50	13.00
		44	5220	19.50	16.00	18.00	18.00	18.50	12.50	13.50	14.00	17.50	11.50	13.50	13.00
		48	5240	19.50	16.00	18.00	18.00	18.50	12.50	13.50	14.00	17.50	11.50	13.50	13.00
	802.11n/ac 40 MHz	38	5190	16.50	16.00	16.50	16.50	16.50	12.50	13.50	14.00	16.50	11.50	13.50	13.00
		46	5230	20.50	16.00	18.00	18.00	18.50	12.50	13.50	14.00	17.50	11.50	13.50	13.00
	802.11ac 80 MHz	42	5210	16.50	16.00	16.50	16.50	16.50	12.50	13.50	14.00	16.50	11.50	13.50	13.00
U-NII-2A 5.3 GHz (SISO)	802.11ax 20 MHz	52	5260	19.50	17.50	18.75	17.75	18.50	13.25	13.75	14.00	17.50	12.25	13.75	13.00
		56	5280	19.50	17.50	18.75	17.75	18.50	13.25	13.75	14.00	17.50	12.25	13.75	13.00
		60	5300	19.50	17.50	18.75	17.75	18.50	13.25	13.75	14.00	17.50	12.25	13.75	13.00
		64	5320	19.00	17.50	18.75	17.75	18.50	13.25	13.75	14.00	17.50	12.25	13.75	13.00
	802.11n/ac 40 MHz	54	5270	20.50	17.50	18.75	17.75	18.50	13.25	13.75	14.00	17.50	12.25	13.75	13.00
		62	5310	17.00	17.00	17.00	17.00	17.00	13.25	13.75	14.00	17.00	12.25	13.75	13.00
	802.11ac 80 MHz	58	5290	17.00	17.00	17.00	17.00	17.00	13.25	13.75	14.00	17.00	12.25	13.75	13.00

Mode	Bandwidth	Channel	Frequency	Tune-up Output Power (dBm) $P_{Cell\ OFF}$				Tune-up Output Power (dBm) $P_{Cell\ ON}$				Tune-up Output Power (dBm) $P_{Cell\ ON\ (5G\ FR2\ ON)}$			
				ANT5		ANT6		ANT5		ANT6		ANT5		ANT6	
				Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B
U-NII-2C 5.5 GHz (SISO)	802.11a 20 MHz	100	5500	19.50	17.50	19.25	17.00	18.00	13.00	14.25	12.75	17.00	12.00	14.25	11.75
		104	5520	19.50	17.50	19.25	17.00	18.00	13.00	14.25	12.75	17.00	12.00	14.25	11.75
		108	5540	19.50	17.50	19.25	17.00	18.00	13.00	14.25	12.75	17.00	12.00	14.25	11.75
		112	5560	19.50	17.50	19.25	17.00	18.00	13.00	14.25	12.75	17.00	12.00	14.25	11.75
		116	5580	19.50	17.50	19.25	17.00	18.00	13.00	14.25	12.75	17.00	12.00	14.25	11.75
		120	5600	19.50	17.50	19.25	17.00	18.00	13.00	14.25	12.75	17.00	12.00	14.25	11.75
		124	5620	19.50	17.50	19.25	17.00	18.00	13.00	14.25	12.75	17.00	12.00	14.25	11.75
		128	5640	19.50	17.50	19.25	17.00	18.00	13.00	14.25	12.75	17.00	12.00	14.25	11.75
		132	5660	19.50	17.50	19.25	17.00	18.00	13.00	14.25	12.75	17.00	12.00	14.25	11.75
		136	5680	19.50	17.50	19.25	17.00	18.00	13.00	14.25	12.75	17.00	12.00	14.25	11.75
		140	5700	17.00	17.00	17.00	17.00	17.00	13.00	14.25	12.75	17.00	12.00	14.25	11.75
		144	5720	19.50	17.50	19.25	17.00	18.00	13.00	14.25	12.75	17.00	12.00	14.25	11.75
	802.11n/ac 40 MHz	102	5510	16.00	16.00	16.00	16.00	16.00	13.00	14.25	12.75	16.00	12.00	14.25	11.75
		110	5550	20.50	17.50	19.25	17.00	18.00	13.00	14.25	12.75	17.00	12.00	14.25	11.75
		118	5590	20.50	17.50	19.25	17.00	18.00	13.00	14.25	12.75	17.00	12.00	14.25	11.75
		126	5630	20.50	17.50	19.25	17.00	18.00	13.00	14.25	12.75	17.00	12.00	14.25	11.75
		134	5670	19.50	17.50	19.25	17.00	18.00	13.00	14.25	12.75	17.00	12.00	14.25	11.75
		142	5710	20.50	17.50	19.25	17.00	18.00	13.00	14.25	12.75	17.00	12.00	14.25	11.75
	802.11ac 80 MHz	106	5530	17.00	17.00	17.00	17.00	17.00	13.00	14.25	12.75	17.00	12.00	14.25	11.75
		122	5610	20.50	17.50	19.25	17.00	18.00	13.00	14.25	12.75	17.00	12.00	14.25	11.75
		138	5690	20.50	17.50	19.25	17.00	18.00	13.00	14.25	12.75	17.00	12.00	14.25	11.75

Mode	Bandwidth	Channel	Frequency	Tune-up Output Power (dBm) $P_{Cell\ OFF}$				Tune-up Output Power (dBm) $P_{Cell\ ON}$				Tune-up Output Power (dBm) $P_{Cell\ ON\ (5G\ FR2\ ON)}$			
				ANT5		ANT6		ANT5		ANT6		ANT5		ANT6	
				Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B	Mode A	Mode B
U-NII-3 5.8 GHz (SISO)	802.11a/n/ac 20 MHz	149	5745	21.50	17.50	19.75	17.00	19.50	13.75	15.50	13.00	18.50	12.75	15.50	12.00
		153	5765	21.50	17.50	19.75	17.00	19.50	13.75	15.50	13.00	18.50	12.75	15.50	12.00
		157	5785	21.50	17.50	19.75	17.00	19.50	13.75	15.50	13.00	18.50	12.75	15.50	12.00
		161	5805	21.50	17.50	19.75	17.00	19.50	13.75	15.50	13.00	18.50	12.75	15.50	12.00
		165	5825	21.50	17.50	19.75	17.00	19.50	13.75	15.50	13.00	18.50	12.75	15.50	12.00
	802.11n/ac 40 MHz	151	5755	20.50	17.50	19.75	17.00	19.50	13.75	15.50	13.00	18.50	12.75	15.50	12.00
		159	5795	20.50	17.50	19.75	17.00	19.50	13.75	15.50	13.00	18.50	12.75	15.50	12.00
	802.11ac 80 MHz	155	5775	20.50	17.50	19.75	17.00	19.50	13.75	15.50	13.00	18.50	12.75	15.50	12.00

4 Refer to the accompanied Part 1 report for TER analysis. The SAR report will not include this power state for its Simultaneous Transmission scenario.

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 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)	Tune-up (dBm)	SAR Test (Yes/No)	Band	Mode	Ch #	Freq. (MHz)	Meas Pwr (dBm)	Tune-up (dBm)	SAR Test (Yes/No)
P_{Cell_OFF}	ANT5	U-NII-2A	802.11n HT40	54	5270	18.59	20.50	Yes	U-NII-2A	802.11n HT40	54	5270	16.28	17.50	Yes
				62	5310	15.14	17.00				62	5310	15.54	17.00	
		U-NII-2C	802.11ac VHT80	106	5530	15.41	17.00	Yes	U-NII-2C	802.11ac VHT80	106	5530	16.31	17.00	Yes
				122	5610	18.86	20.50				122	5610	16.45	17.50	
				138	5690	18.75	20.50				138	5690	16.23	17.50	
		U-NII-3	802.11a	149	5745	19.83	21.50	Yes	U-NII-3	802.11ac VHT80	155	5775	16.35	17.50	Yes
				157	5785	20.01	21.50								
				165	5825	19.95	21.50								
	ANT6	U-NII-2A	802.11n HT40	54	5270	17.63	18.75	Yes	U-NII-1	802.11n HT40	38	5190	14.92	16.50	Yes
				62	5310	15.53	17.00				46	5230	16.67	18.00	
		U-NII-2C	802.11ac VHT80	106	5530	15.64	17.00	Yes	U-NII-2C	802.11ac VHT80	106	5530	15.83	17.00	Yes
				122	5610	17.94	19.25				122	5610	15.88	17.00	
				138	5690	17.78	19.25				138	5690	15.74	17.00	
		U-NII-3	802.11ac VHT80	155	5775	18.66	19.75	Yes	U-NII-3	802.11ac VHT80	155	5775	15.89	17.00	Yes

Power Mode	Antenna	Power Mode A							Power Mode B						
		Band	Mode	Ch #	Freq. (MHz)	Meas Pwr (dBm)	Tune-up (dBm)	SAR Test (Yes/No)	Band	Mode	Ch #	Freq. (MHz)	Meas Pwr (dBm)	Tune-up (dBm)	SAR Test (Yes/No)
P_{Cell_ON}	ANT5	U-NII-2A	802.11n HT40	54	5270	18.09	18.50	Yes	U-NII-2A	802.11ac VHT80	58	5290	12.38	13.25	Yes
				62	5310	15.14	17.00								
		U-NII-2C	802.11ac VHT80	106	5530	15.41	17.00	Yes	U-NII-2C	802.11ac VHT80	106	5530	11.19	13.00	Yes
				122	5610	16.39	18.00				122	5610	11.49	13.00	
				138	5690	16.24	18.00				138	5690	11.28	13.00	
		U-NII-3	802.11ac VHT80	155	5775	18.45	19.50	Yes	U-NII-3	802.11ac VHT80	155	5775	12.72	13.75	Yes
	ANT6	U-NII-2A	802.11ac VHT80	58	5290	12.37	13.75	Yes	U-NII-2A	802.11ac VHT80	58	5290	12.75	14.00	Yes
		U-NII-2C	802.11ac VHT80	106	5530	13.39	14.25	Yes	U-NII-2C	802.11ac VHT80	106	5530	11.42	12.75	Yes
				122	5610	13.51	14.25				122	5610	11.50	12.75	
				138	5690	13.38	14.25				138	5690	11.37	12.75	
		U-NII-3	802.11ac VHT80	155	5775	14.51	15.50	Yes	U-NII-3	802.11ac VHT80	155	5775	11.68	13.00	Yes

Note(s):

1. $P_{Cell\ ON\ (5G\ FR2\ ON)}$ and $P_{Cell\ ON}$ share the same measured power. Power for both power modes were measured using the same setting. With power being within 2 dB of both tune-up limits, $P_{Cell\ ON}$ will experience greater scaling, thus representing a more conservative value.

9.9. Bluetooth

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

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

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

Tune-up Output Power for Bluetooth (P_{low}, P_{high}, and $P_{standalone}$)

For Bluetooth, there are three use cases:

- Bluetooth P_{low} is used with 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.
- Bluetooth $P_{standalone}$ is used with Wi-Fi and WWAN antennas are inactive.

Mode	Tune-up 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	12.75	11.00	9.50	10.50	18.75	16.75	15.50	16.50	20.00	20.00	20.00	20.00
EDR	12.75	11.00	9.50	10.50	16.50	16.50	16.50	16.50	16.50	16.50	16.50	16.50
LE1M	12.75	11.00	9.50	10.50	18.75	16.75	15.50	16.50	20.00	20.00	20.00	20.00
LE2M	12.75	11.00	9.50	10.50	18.75	16.75	15.50	16.50	20.00	20.00	20.00	20.00
HDR4	12.50	11.00	9.50	10.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50
HDR8	12.75	11.00	9.50	10.50	13.50	13.50	13.50	13.50	13.50	13.50	13.50	13.50

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

Bluetooth Measured Results

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

Power Mode	Antenna	Mode	Ch #	Freq. (MHz)	Power Mode A			Power Mode B		
					Meas Pwr	Tune-up	SAR Test (Yes/No)	Meas Pwr	Tune-up	SAR Test (Yes/No)
Bluetooth P_{low}	ANT3	GFSK	0	2402	11.41	12.75	Yes	9.61	11.00	Yes
			39	2441	11.52	12.75		9.95	11.00	
			78	2480	11.50	12.75		9.94	11.00	
	ANT4	GFSK	0	2402	8.10	9.50	Yes	9.10	10.50	Yes
			39	2441	8.12	9.50		9.12	10.50	
			78	2480	8.03	9.50		9.05	10.50	
Bluetooth P_{high}	ANT3	GFSK	0	2402	17.15	18.75	Yes	15.53	16.75	Yes
			39	2441	17.39	18.75		15.86	16.75	
			78	2480	17.19	18.75		15.56	16.75	
	ANT4	GFSK	0	2402	13.98	15.50	Yes	15.18	16.50	Yes
			39	2441	14.07	15.50		15.42	16.50	
			78	2480	14.00	15.50		15.31	16.50	
Bluetooth $P_{standalone}$	ANT3	GFSK	0	2402	19.96	20.00	Yes	19.96	20.00	Yes
			39	2441	19.99	20.00		19.99	20.00	
			78	2480	19.97	20.00		19.97	20.00	
	ANT4	GFSK	0	2402	19.11	20.00	Yes	19.42	20.00	Yes
			39	2441	19.29	20.00		19.49	20.00	
			78	2480	19.10	20.00		19.40	20.00	

Duty Factor Measured Results

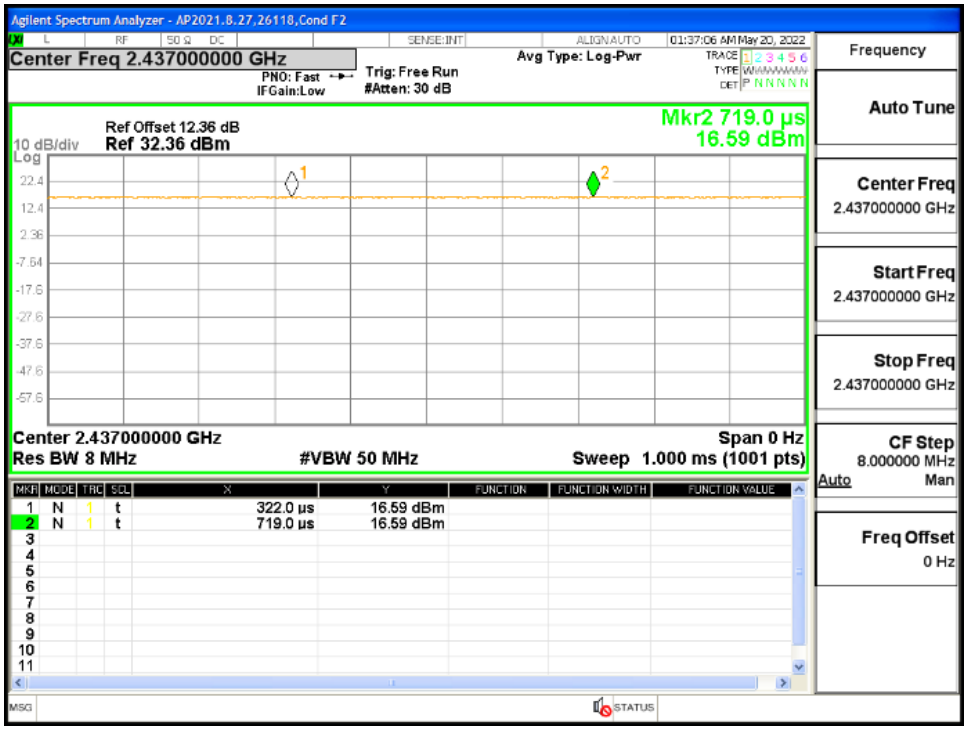
Mode	Type	T on (ms)	Period (ms)	Duty Cycle	Crest Factor (1/duty cycle)
GFSK	DH5	1	1	100.00%	1.00

Note(s):

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

Duty Cycle plots

GFSK



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.

Output Power for MSS

Antenna	Mode	Power Mode B				
		Channel	Freq. (MHz)	Meas Pwr (dBm)	Tune-up (dBm)	SAR Test (Yes/No)
ANT1	1-PRB SC-FDMA	262316	1610.1	19.8	21.0	Yes
		262391	1617.6	19.9	21.0	
		262466	1625.1	19.7	21.0	
ANT4	1-PRB SC-FDMA	262316	1610.1	21.0	22.0	Yes
		262391	1617.6	21.0	22.0	
		262466	1625.1	21.0	22.0	

10. Measured and Reported (Scaled) SAR Results

SAR Test Reduction criteria are as follows:

- Reported SAR(W/kg) for WWAN = Measured SAR *Tune-up Scaling Factor
- Reported SAR(W/kg) for Wi-Fi and Bluetooth = Measured SAR * Tune-up 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 941225 D01 SAR test for 3G devices:
When the maximum output power and tune-up tolerance specified for production units in a secondary mode is ≤ ¼ dB higher than the primary mode or when the highest reported SAR of the primary mode is scaled by the ratio of specified maximum output power and tune-up tolerance of secondary to primary mode and the adjusted SAR is ≤ 1.2 W/kg, SAR measurement is not required for the secondary mode.

KDB 941225 D05 SAR for LTE Devices:
SAR test reduction is applied using the following criteria:

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

KDB 248227 D01 SAR meas for 802.11:
SAR test reduction for 802.11 Wi-Fi transmission mode configurations are considered separately for DSSS and OFDM. An initial test position is determined to reduce the number of tests required for certain exposure configurations with multiple test positions. An initial test configuration is determined for each frequency band and aggregated band according to maximum output power, channel bandwidth, wireless mode configurations and other operating parameters to streamline the measurement requirements. For 2.4 GHz DSSS, either the initial test position or DSSS procedure is applied to reduce the number of SAR tests; these are mutually exclusive. For OFDM, an initial test position is only applicable to next to the ear, UMPC mini-tablet and hotspot mode configurations, which is tested using the initial test configuration to facilitate test reduction. For other exposure conditions with a fixed test position, SAR test reduction is determined using only the initial test configuration.

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

highest measured maximum output power channel in the required wireless mode test configuration(s). When the *reported* SAR for the *initial test position* is:

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

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

10.1. GSM850

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
								Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT1	Head	GPRS 2 Slots	Mode A	0	Left Touch	190	836.6	32.5	31.5	0.109	0.137	0.086	0.108	
					Left Tilt	190	836.6	32.5	31.5	0.064	0.081	0.051	0.064	
					Right Touch	190	836.6	32.5	31.5	0.184	0.232	0.138	0.174	1
					Right Tilt	190	836.6	32.5	31.5	0.087	0.110	0.067	0.084	
	Body & Hotspot	GPRS 2 Slots	Mode B	5	Rear	190	836.6	30.0	29.0	0.628	0.791	0.334	0.420	2
					Front	190	836.6	30.0	29.0	0.475	0.598	0.259	0.326	
	Hotspot	GPRS 2 Slots	Mode B	5	Edge 2	190	836.6	30.0	29.0	0.515	0.648	0.344	0.433	
					Edge 3	128	836.6	30.0	28.7	0.583	0.786	0.254	0.343	
					Edge 3	190	836.6	30.0	29.0	0.661	0.832	0.298	0.375	
					Edge 3	251	848.8	30.0	29.0	0.705	0.888	0.309	0.389	3
					Edge 4	190	836.6	30.0	29.0	0.133	0.167	0.088	0.111	
Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
								Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT2	Head	GPRS 2 Slots	Mode A	0	Left Touch	190	836.6	28.5	27.5	0.422	0.531	0.254	0.320	
					Left Tilt	190	836.6	28.5	27.5	0.314	0.395	0.163	0.205	
					Right Touch	128	836.6	28.5	27.5	0.575	0.724	0.340	0.428	
					Right Touch	190	836.6	28.5	27.5	0.653	0.822	0.380	0.478	4
					Right Touch	251	848.8	28.5	27.4	0.530	0.683	0.309	0.398	
					Right Tilt	190	836.6	28.5	27.5	0.460	0.579	0.233	0.293	
	Body & Hotspot	GPRS 2 Slots	Mode B	5	Rear	190	836.6	31.1	30.2	0.610	0.750	0.375	0.461	5
					Front	190	836.6	31.1	30.2	0.356	0.438	0.230	0.283	
	Hotspot	GPRS 2 Slots	Mode B	5	Edge 1	190	836.6	31.1	30.2	0.225	0.277	0.114	0.140	
					Edge 2	190	836.6	31.1	30.2	0.105	0.129	0.066	0.081	
					Edge 4	190	836.6	31.1	30.2	0.090	0.111	0.048	0.059	

10.2. GSM1900

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
								Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT1	Head	GPRS 2 Slots	Mode A	0	Left Touch	661	1880.0	31.0	30.0	0.067	0.084	0.043	0.054	
					Left Tilt	661	1880.0	31.0	30.0	0.040	0.051	0.025	0.032	
					Right Touch	661	1880.0	31.0	30.0	0.142	0.179	0.091	0.115	6
					Right Tilt	661	1880.0	31.0	30.0	0.044	0.055	0.029	0.036	
	Body & Hotspot	GPRS 2 Slots	Mode B	5	Rear	661	1880.0	27.5	26.7	0.572	0.688	0.303	0.364	7
					Front	661	1880.0	27.5	26.7	0.451	0.542	0.244	0.293	
	Hotspot	GPRS 2 Slots	Mode B	5	Edge 2	661	1880.0	27.5	26.7	0.452	0.543	0.224	0.269	
					Edge 3	661	1880.0	27.5	26.7	0.601	0.723	0.275	0.331	8
					Edge 4	661	1880.0	27.5	26.7	0.013	0.016	0.007	0.008	
Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
								Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT2	Head	GPRS 2 Slots	Mode A	0	Left Touch	661	1880.0	24.9	24.2	0.569	0.669	0.334	0.392	
					Left Tilt	661	1880.0	24.9	24.2	0.440	0.517	0.231	0.271	
					Right Touch	512	1850.2	24.9	24.1	0.706	0.849	0.409	0.492	
					Right Touch	661	1880.0	24.9	24.2	0.801	0.941	0.462	0.543	9
					Right Touch	810	1909.8	24.9	24.2	0.733	0.861	0.416	0.489	
					Right Tilt	661	1880.0	24.9	24.2	0.468	0.550	0.229	0.269	
	Body & Hotspot	GPRS 2 Slots	Mode B	5	Rear	661	1880.0	25.5	24.8	0.561	0.659	0.262	0.308	10
					Front	661	1880.0	25.5	24.8	0.346	0.407	0.182	0.214	
	Hotspot	GPRS 2 Slots	Mode B	5	Edge 1	661	1880.0	25.5	24.8	0.113	0.133	0.057	0.067	
					Edge 2	661	1880.0	25.5	24.8	0.015	0.017	0.006	0.007	
					Edge 4	661	1880.0	25.5	24.8	0.448	0.526	0.231	0.271	
Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
								Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT3	Head	GPRS 2 Slots	Mode A	0	Left Touch	661	1880.0	30.5	30.0	0.353	0.396	0.220	0.247	11
					Left Tilt	661	1880.0	30.5	30.0	0.138	0.155	0.082	0.092	
					Right Touch	661	1880.0	30.5	30.0	0.185	0.208	0.119	0.134	
					Right Tilt	661	1880.0	30.5	30.0	0.157	0.176	0.093	0.104	
	Body & Hotspot	GPRS 2 Slots	Mode B	5	Rear	661	1880.0	25.7	25.2	0.631	0.708	0.336	0.377	12
					Front	661	1880.0	25.7	25.2	0.413	0.463	0.214	0.240	
	Hotspot	GPRS 2 Slots	Mode B	5	Edge 3	661	1880.0	25.7	25.2	0.211	0.237	0.114	0.128	
					Edge 4	512	1850.2	25.7	25.2	0.823	0.923	0.396	0.444	13
					Edge 4	661	1880.0	25.7	25.2	0.772	0.866	0.377	0.423	
					Edge 4	810	1909.8	25.7	25.2	0.790	0.886	0.388	0.435	
Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
								Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT4	Head	GPRS 2 Slots	Mode A	0	Left Touch	512	1850.2	25.9	25.5	0.733	0.804	0.368	0.404	
					Left Touch	661	1880.0	25.9	25.5	0.745	0.817	0.368	0.404	14
					Left Touch	810	1909.8	25.9	25.4	0.720	0.808	0.354	0.397	
					Left Tilt	661	1880.0	25.9	25.5	0.308	0.338	0.170	0.186	
					Right Touch	661	1880.0	25.9	25.5	0.297	0.326	0.161	0.177	
					Right Tilt	661	1880.0	25.9	25.5	0.141	0.155	0.081	0.089	
	Body & Hotspot	GPRS 2 Slots	Mode B	5	Rear	661	1880.0	26.1	25.6	0.501	0.562	0.397	0.445	15
					Front	661	1880.0	26.1	25.6	0.397	0.445	0.194	0.218	
	Hotspot	GPRS 2 Slots	Mode B	5	Edge 1	661	1880.0	26.1	25.6	0.150	0.168	0.082	0.092	
					Edge 2	512	1850.2	26.1	25.6	0.762	0.855	0.370	0.415	
					Edge 2	661	1880.0	26.1	25.6	0.766	0.859	0.368	0.413	
					Edge 2	810	1909.8	26.1	25.5	0.758	0.870	0.361	0.414	16

10.3. W-CDMA Band 2

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
								Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT1	Head	Rel 99 RMC 12.2 kbps	Mode A	0	Left Touch	9400	1880.0	25.7	25.2	0.145	0.163	0.095	0.107	
					Left Tilt	9400	1880.0	25.7	25.2	0.096	0.108	0.061	0.068	
					Right Touch	9400	1880.0	25.7	25.2	0.306	0.343	0.198	0.222	17
					Right Tilt	9400	1880.0	25.7	25.2	0.111	0.125	0.072	0.081	
	Body & Hotspot	Rel 99 RMC 12.2 kbps	Mode B	5	Rear	9400	1880.0	21.5	21.3	0.670	0.702	0.354	0.371	18
					Front	9400	1880.0	21.5	21.3	0.399	0.418	0.216	0.226	
	Hotspot	Rel 99 RMC 12.2 kbps	Mode B	5	Edge 2	9400	1880.0	21.5	21.3	0.595	0.623	0.296	0.310	
					Edge 3	9400	1880.0	21.5	21.3	0.731	0.765	0.336	0.352	19
					Edge 4	9400	1880.0	21.5	21.3	0.014	0.015	0.006	0.006	
Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
								Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT2	Head	Rel 99 RMC 12.2 kbps	Mode A	0	Left Touch	9400	1880.0	18.9	18.5	0.331	0.360	0.197	0.215	
					Left Tilt	9400	1880.0	18.9	18.5	0.262	0.285	0.140	0.152	
					Right Touch	9262	1852.4	18.9	18.5	0.827	0.907	0.477	0.523	
					Right Touch	9400	1880.0	18.9	18.5	0.829	0.903	0.474	0.516	
					Right Touch	9538	1907.6	18.9	18.5	0.827	0.917	0.462	0.512	20
					Right Tilt	9400	1880.0	18.9	18.5	0.556	0.605	0.285	0.310	
	Body & Hotspot	Rel 99 RMC 12.2 kbps	Mode B	5	Rear	9262	1852.4	19.5	19.1	0.707	0.775	0.329	0.361	
					Rear	9400	1880.0	19.5	19.1	0.762	0.836	0.355	0.389	21
					Rear	9538	1907.6	19.5	19.1	0.752	0.825	0.351	0.385	
					Front	9400	1880.0	19.5	19.1	0.528	0.579	0.276	0.303	
	Hotspot	Rel 99 RMC 12.2 kbps	Mode B	5	Edge 1	9400	1880.0	19.5	19.1	0.231	0.253	0.106	0.116	
					Edge 2	9400	1880.0	19.5	19.1	0.018	0.020	0.009	0.010	
					Edge 4	9400	1880.0	19.5	19.1	0.482	0.529	0.247	0.271	
Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
								Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT3	Head	Rel 99 RMC 12.2 kbps	Mode A	0	Left Touch	9400	1880.0	25.1	24.9	0.374	0.392	0.234	0.245	22
					Left Tilt	9400	1880.0	25.1	24.9	0.145	0.152	0.088	0.092	
					Right Touch	9400	1880.0	25.1	24.9	0.214	0.224	0.140	0.147	
					Right Tilt	9400	1880.0	25.1	24.9	0.164	0.172	0.100	0.104	
	Body & Hotspot	Rel 99 RMC 12.2 kbps	Mode B	5	Rear	9400	1880.0	19.7	19.0	0.549	0.645	0.285	0.335	23
					Front	9400	1880.0	19.7	19.0	0.219	0.257	0.114	0.134	
	Hotspot	Rel 99 RMC 12.2 kbps	Mode B	5	Edge 3	9400	1880.0	19.7	19.0	0.146	0.172	0.080	0.094	
					Edge 4	9262	1852.4	19.7	19.0	0.705	0.828	0.342	0.402	
					Edge 4	9400	1880.0	19.7	19.0	0.691	0.812	0.332	0.390	
					Edge 4	9538	1907.6	19.7	19.0	0.711	0.835	0.337	0.396	24
Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
								Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT4	Head	Rel 99 RMC 12.2 kbps	Mode A	0	Left Touch	9262	1852.4	19.9	19.4	0.763	0.856	0.371	0.416	25
					Left Touch	9400	1880.0	19.9	19.4	0.755	0.847	0.364	0.408	
					Left Touch	9538	1907.6	19.9	19.3	0.713	0.819	0.341	0.392	
					Left Tilt	9400	1880.0	19.9	19.4	0.311	0.349	0.172	0.193	
					Right Touch	9400	1880.0	19.9	19.4	0.525	0.589	0.285	0.320	
					Right Tilt	9400	1880.0	19.9	19.4	0.309	0.347	0.178	0.200	
	Body & Hotspot	Rel 99 RMC 12.2 kbps	Mode B	5	Rear	9400	1880.0	20.1	19.6	0.556	0.624	0.268	0.301	
					Front	9400	1880.0	20.1	19.6	0.625	0.701	0.309	0.347	26
	Hotspot	Rel 99 RMC 12.2 kbps	Mode B	5	Edge 1	9400	1880.0	20.1	19.6	0.277	0.311	0.153	0.172	
					Edge 2	9262	1852.4	20.1	19.6	0.810	0.909	0.372	0.417	27
					Edge 2	9400	1880.0	20.1	19.6	0.772	0.866	0.350	0.393	
					Edge 2	9538	1907.6	20.1	19.5	0.785	0.901	0.356	0.409	

10.4. W-CDMA Band 4

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
								Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT1	Head	Rel 99 RMC 12.2 kbps	Mode A	0	Left Touch	1413	1732.6	25.2	25.1	0.035	0.035	0.024	0.024	
					Left Tilt	1413	1732.6	25.2	25.1	0.030	0.030	0.017	0.017	
					Right Touch	1413	1732.6	25.2	25.1	0.072	0.074	0.047	0.048	28
					Right Tilt	1413	1732.6	25.2	25.1	0.026	0.027	0.015	0.015	
	Body & Hotspot	Rel 99 RMC 12.2 kbps	Mode B	5	Rear	1413	1732.6	19.1	18.3	0.498	0.599	0.239	0.287	29
					Front	1413	1732.6	19.1	18.3	0.461	0.554	0.216	0.260	
	Hotspot	Rel 99 RMC 12.2 kbps	Mode B	5	Edge 2	1413	1732.6	19.1	18.3	0.056	0.067	0.032	0.038	
					Edge 3	1312	1712.4	19.1	18.3	0.680	0.818	0.312	0.375	
					Edge 3	1413	1732.6	19.1	18.3	0.737	0.886	0.337	0.405	
					Edge 3	1513	1752.6	19.1	18.3	0.746	0.897	0.343	0.412	30
					Edge 4	1413	1732.6	19.1	18.3	0.029	0.035	0.014	0.017	

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
								Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT2	Head	Rel 99 RMC 12.2 kbps	Mode A	0	Left Touch	1413	1732.6	19.2	18.6	0.266	0.305	0.168	0.193	
					Left Tilt	1413	1732.6	19.2	18.6	0.155	0.178	0.092	0.106	
					Right Touch	1312	1712.4	19.2	18.5	0.708	0.832	0.406	0.477	
					Right Touch	1413	1732.6	19.2	18.6	0.723	0.830	0.422	0.485	
					Right Touch	1513	1752.6	19.2	18.5	0.752	0.884	0.437	0.513	31
					Right Tilt	1413	1732.6	19.2	18.6	0.516	0.592	0.257	0.295	
	Body & Hotspot	Rel 99 RMC 12.2 kbps	Mode B	5	Rear	1312	1712.4	19.6	18.6	0.628	0.791	0.286	0.360	
					Rear	1413	1732.6	19.6	18.7	0.661	0.813	0.297	0.365	
					Rear	1513	1752.6	19.6	18.7	0.710	0.873	0.317	0.390	32
					Front	1413	1732.6	19.6	18.7	0.305	0.375	0.169	0.208	
	Hotspot	Rel 99 RMC 12.2 kbps	Mode B	5	Edge 1	1413	1732.6	19.6	18.7	0.339	0.417	0.145	0.178	
					Edge 2	1413	1732.6	19.6	18.7	0.019	0.023	0.009	0.011	
					Edge 4	1413	1732.6	19.6	18.7	0.492	0.605	0.264	0.325	

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
								Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT3	Head	Rel 99 RMC 12.2 kbps	Mode A	0	Left Touch	1413	1732.6	25.2	24.5	0.264	0.310	0.178	0.209	33
					Left Tilt	1413	1732.6	25.2	24.5	0.163	0.192	0.108	0.127	
					Right Touch	1413	1732.6	25.2	24.5	0.131	0.154	0.087	0.102	
					Right Tilt	1413	1732.6	25.2	24.5	0.159	0.187	0.099	0.116	
	Body & Hotspot	Rel 99 RMC 12.2 kbps	Mode B	5	Rear	1413	1732.6	20.7	20.0	0.588	0.691	0.320	0.376	34
					Front	1413	1732.6	20.7	20.0	0.474	0.557	0.250	0.294	
	Hotspot	Rel 99 RMC 12.2 kbps	Mode B	5	Edge 3	1413	1732.6	20.7	20.0	0.095	0.112	0.046	0.054	
					Edge 4	1312	1712.4	20.7	20.0	0.700	0.822	0.361	0.424	
					Edge 4	1413	1732.6	20.7	20.0	0.705	0.828	0.358	0.421	
					Edge 4	1513	1752.6	20.7	19.9	0.781	0.939	0.397	0.477	35

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
								Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT4	Head	Rel 99 RMC 12.2 kbps	Mode A	0	Left Touch	1312	1712.4	20.3	19.7	0.652	0.749	0.337	0.387	
					Left Touch	1413	1732.6	20.3	19.8	0.723	0.811	0.371	0.416	
					Left Touch	1513	1752.6	20.3	19.8	0.793	0.890	0.406	0.456	36
					Left Tilt	1413	1732.6	20.3	19.8	0.359	0.403	0.178	0.200	
					Right Touch	1413	1732.6	20.3	19.8	0.307	0.344	0.167	0.187	
					RighttTilt	1413	1732.6	20.3	19.8	0.172	0.193	0.098	0.110	
	Body & Hotspot	Rel 99 RMC 12.2 kbps	Mode B	5	Rear	1413	1732.6	20.4	20.0	0.372	0.408	0.191	0.209	37
					Front	1413	1732.6	20.4	20.0	0.302	0.331	0.157	0.172	
	Hotspot	Rel 99 RMC 12.2 kbps	Mode B	5	Edge 1	1413	1732.6	20.4	20.0	0.182	0.200	0.091	0.100	
					Edge 2	1312	1712.4	20.4	19.9	0.762	0.855	0.367	0.412	
					Edge 2	1413	1732.6	20.4	20.0	0.798	0.875	0.384	0.421	
					Edge 2	1513	1752.6	20.4	20.0	0.828	0.908	0.387	0.424	38

10.5. W-CDMA Band 5

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
								Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT1	Head	Rel 99 RMC 12.2 kbps	Mode A	0	Left Touch	4183	836.6	25.7	24.9	0.129	0.155	0.102	0.123	
					Left Tilt	4183	836.6	25.7	24.9	0.085	0.103	0.068	0.082	
					Right Touch	4183	836.6	25.7	24.9	0.155	0.186	0.119	0.143	39
					RighttTilt	4183	836.6	25.7	24.9	0.100	0.120	0.078	0.094	
	Body & Hotspot	Rel 99 RMC 12.2 kbps	Mode B	5	Rear	4132	826.4	24.0	23.5	0.826	0.927	0.444	0.498	
					Rear	4183	836.6	24.0	23.5	0.776	0.871	0.419	0.470	
					Rear	4233	846.6	24.0	23.5	0.836	0.938	0.447	0.502	40
					Front	4183	836.6	24.0	23.5	0.499	0.560	0.276	0.310	
	Hotspot	Rel 99 RMC 12.2 kbps	Mode B	5	Edge 2	4183	836.6	24.0	23.5	0.510	0.572	0.335	0.376	
					Edge 3	4132	826.4	24.0	23.5	0.748	0.839	0.333	0.374	
					Edge 3	4183	836.6	24.0	23.5	0.768	0.862	0.339	0.380	
					Edge 3	4233	846.6	24.0	23.5	0.791	0.888	0.353	0.396	
					Edge 4	4183	836.6	24.0	23.5	0.116	0.130	0.076	0.085	

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
								Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT2	Head	Rel 99 RMC 12.2 kbps	Mode A	0	Left Touch	4183	836.6	22.5	21.8	0.603	0.708	0.358	0.421	
					Left Tilt	4183	836.6	22.5	21.8	0.473	0.556	0.247	0.290	
					Right Touch	4132	826.4	22.5	21.8	0.791	0.929	0.508	0.597	41
					Right Touch	4183	836.6	22.5	21.8	0.784	0.921	0.502	0.590	
					Right Touch	4233	846.6	22.5	21.6	0.733	0.902	0.428	0.527	
					Right Tilt	4183	836.6	22.5	21.8	0.558	0.656	0.288	0.338	
	Body & Hotspot	Rel 99 RMC 12.2 kbps	Mode B	5	Rear	4183	836.6	24.7	23.9	0.644	0.774	0.398	0.479	42
					Front	4183	836.6	24.7	23.9	0.468	0.563	0.298	0.358	
	Hotspot	Rel 99 RMC 12.2 kbps	Mode B	5	Edge 1	4183	836.6	24.7	23.9	0.334	0.402	0.176	0.212	
					Edge 2	4183	836.6	24.7	23.9	0.161	0.194	0.105	0.126	
					Edge 4	4183	836.6	24.7	23.9	0.124	0.149	0.065	0.078	

10.6. LTE Band 5 (10MHz Bandwidth)

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT1	Head	QPSK	Mode A	0	Left Touch	20525	836.5	1	25	25.7	24.9	0.122	0.147	0.095	0.114	
								25	12	24.7	23.9	0.099	0.118	0.078	0.093	
					Left Tilt	20525	836.5	1	25	25.7	24.9	0.079	0.094	0.062	0.075	
								25	12	24.7	23.9	0.064	0.077	0.051	0.061	
					Right Touch	20525	836.5	1	25	25.7	24.9	0.185	0.222	0.140	0.168	43
								25	12	24.7	23.9	0.149	0.178	0.113	0.135	
					Right Tilt	20525	836.5	1	25	25.7	24.9	0.107	0.129	0.083	0.100	
								25	12	24.7	23.9	0.085	0.102	0.067	0.080	
	Body & Hotspot	QPSK	Mode B	5	Rear	20525	836.5	1	25	24.0	23.6	0.658	0.721	0.344	0.377	
								25	12	24.0	23.4	0.677	0.777	0.354	0.406	44
					Front	20525	836.5	1	25	24.0	23.6	0.421	0.462	0.227	0.249	
								25	12	24.0	23.4	0.430	0.494	0.231	0.265	
	Hotspot	QPSK	Mode B	5	Edge 2	20525	836.5	1	25	24.0	23.6	0.345	0.378	0.277	0.304	
								25	12	24.0	23.4	0.347	0.398	0.228	0.262	
					Edge 3	20525	836.5	1	25	24.0	23.6	0.501	0.549	0.222	0.243	
								25	12	24.0	23.4	0.485	0.557	0.214	0.246	
					Edge 4	20525	836.5	1	25	24.0	23.6	0.080	0.088	0.052	0.057	
								25	12	24.0	23.4	0.085	0.097	0.055	0.063	

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT2	Head	QPSK	Mode A	0	Left Touch	20525	836.5	1	25	22.5	22.0	0.421	0.472	0.290	0.325	
								25	12	22.5	22.0	0.443	0.497	0.300	0.337	
					Left Tilt	20525	836.5	1	25	22.5	22.0	0.403	0.452	0.215	0.241	
								25	12	22.5	22.0	0.415	0.466	0.220	0.247	
					Right Touch	20525	836.5	1	25	22.5	22.0	0.787	0.883	0.458	0.514	
								25	12	22.5	22.0	0.794	0.891	0.467	0.524	
								50	0	22.5	21.9	0.789	0.906	0.465	0.534	45
					Right Tilt	20525	836.5	1	25	22.5	22.0	0.601	0.674	0.300	0.337	
								25	12	22.5	22.0	0.642	0.720	0.311	0.349	
	Body & Hotspot	QPSK	Mode B	5	Rear	20525	836.5	1	25	24.7	24.4	0.798	0.855	0.489	0.524	46
								25	12	23.7	23.4	0.661	0.708	0.405	0.434	
					Front	20525	836.5	1	25	24.7	24.4	0.500	0.536	0.320	0.343	
								25	12	23.7	23.4	0.405	0.434	0.259	0.278	
	Hotspot	QPSK	Mode B	5	Edge 1	20525	836.5	1	25	24.7	24.4	0.402	0.431	0.198	0.212	
								25	12	23.7	23.4	0.307	0.329	0.152	0.163	
					Edge 2	20525	836.5	1	25	24.7	24.4	0.201	0.215	0.127	0.136	
								25	12	23.7	23.4	0.154	0.165	0.098	0.105	
					Edge 4	20525	836.5	1	25	24.7	24.4	0.161	0.173	0.085	0.091	
								25	12	23.7	23.4	0.133	0.143	0.070	0.075	

UL CA 5B

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	PCC UL				SCC UL				Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
						Ch #.	Freq. (MHz)	RB Allocation	RB offset	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Tune-up limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT 1	Head	QPSK	Mode A	0	Right Touch	20476	831.6	1	49	20575	841.5	1	0	25.7	24.7	0.080	0.101	0.061	0.077	
	Body & Hotspot	QPSK	Mode B	5	Rear	20476	831.6	1	49	20575	841.5	1	0	24.0	23.1	0.418	0.514	0.222	0.273	

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	PCC UL				SCC UL				Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
						Ch #.	Freq. (MHz)	RB Allocation	RB offset	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Tune-up limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT 2	Head	QPSK	Mode A	0	Right Touch	20476	831.6	1	49	20575	841.5	1	0	22.5	21.4	0.508	0.654	0.288	0.371	
	Body & Hotspot	QPSK	Mode B	5	Rear	20476	831.6	1	49	20575	841.5	1	0	24.7	23.3	0.355	0.490	0.219	0.302	

Note(s):

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

10.7. LTE Band 7 (20MHz Bandwidth)

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT1	Head	QPSK	Mode A	0	Left Touch	21100	2535.0	1	49	25.3	24.6	0.185	0.217	0.089	0.104	
								50	24	24.7	24.0	0.159	0.187	0.076	0.090	
					Left Tilt	21100	2535.0	1	49	25.3	24.6	0.195	0.229	0.102	0.120	
								50	24	24.7	24.0	0.175	0.206	0.092	0.108	
					Right Touch	21100	2535.0	1	49	25.3	24.6	0.316	0.371	0.171	0.201	47
								50	24	24.7	24.0	0.284	0.334	0.154	0.181	
					Right Tilt	21100	2535.0	1	49	25.3	24.6	0.119	0.140	0.064	0.075	
								50	24	24.7	24.0	0.104	0.122	0.056	0.066	
	Body & Hotspot	QPSK	Mode B	5	Rear	21100	2535.0	1	49	19.7	19.4	0.511	0.548	0.230	0.246	
								50	24	19.7	19.3	0.526	0.577	0.237	0.260	48
					Front	21100	2535.0	1	49	19.7	19.4	0.414	0.444	0.184	0.197	
								50	24	19.7	19.3	0.427	0.468	0.190	0.208	
	Hotspot	QPSK	Mode B	5	Edge 2	20850	2510.0	1	49	19.7	19.3	0.793	0.870	0.332	0.364	
								50	24	19.7	19.3	0.805	0.883	0.337	0.370	49
						21100	2535.0	1	49	19.7	19.4	0.760	0.814	0.322	0.345	
								50	24	19.7	19.3	0.776	0.851	0.326	0.357	
								100	0	19.7	19.3	0.772	0.846	0.324	0.355	
						21350	2560.0	1	49	19.7	19.3	0.677	0.742	0.284	0.311	
								50	24	19.7	19.3	0.697	0.764	0.290	0.318	
					Edge 3	21100	2535.0	1	49	19.7	19.4	0.470	0.504	0.177	0.190	
								50	24	19.7	19.3	0.476	0.522	0.179	0.196	
					Edge 4	21100	2535.0	1	49	19.7	19.4	0.087	0.093	0.038	0.041	
								50	24	19.7	19.3	0.089	0.098	0.039	0.043	

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT2	Head	QPSK	Mode A	0	Left Touch	20850	2510.0	1	49	16.9	16.5	0.722	0.792	0.274	0.300	
								50	24	16.9	16.6	0.739	0.792	0.283	0.303	
						21100	2535.0	1	49	16.9	16.5	0.733	0.804	0.282	0.309	
								50	24	16.9	16.6	0.749	0.803	0.287	0.308	
								100	0	16.9	16.5	0.737	0.808	0.283	0.310	
						21350	2560.0	1	49	16.9	16.5	0.848	0.930	0.324	0.355	
								50	24	16.9	16.6	0.877	0.940	0.336	0.360	50
					Left Tilt	21100	2535.0	1	49	16.9	16.5	0.597	0.655	0.224	0.246	
								50	24	16.9	16.6	0.610	0.654	0.230	0.246	
					Right Touch	20850	2510.0	1	49	16.9	16.5	0.643	0.705	0.243	0.266	
								50	24	16.9	16.6	0.663	0.710	0.249	0.267	
						21100	2535.0	1	49	16.9	16.5	0.758	0.831	0.286	0.314	
								50	24	16.9	16.6	0.765	0.820	0.288	0.309	
								100	0	16.9	16.5	0.726	0.796	0.273	0.299	
						21350	2560.0	1	49	16.9	16.5	0.779	0.854	0.294	0.322	
								50	24	16.9	16.6	0.801	0.858	0.301	0.323	
					Right Tilt	21100	2535.0	1	49	16.9	16.5	0.586	0.643	0.219	0.240	
								50	24	16.9	16.6	0.601	0.644	0.226	0.242	
	Body & Hotspot	QPSK	Mode B	5	Rear	21100	2535.0	1	49	18.1	17.5	0.622	0.714	0.241	0.277	
								50	24	18.1	17.5	0.633	0.727	0.246	0.282	51
					Front	21100	2535.0	1	49	18.1	17.5	0.507	0.582	0.192	0.220	
								50	24	18.1	17.5	0.524	0.602	0.198	0.227	
	Hotspot	QPSK	Mode B	5	Edge 1	20850	2510.0	1	49	18.1	17.5	0.648	0.744	0.235	0.270	
								50	24	18.1	17.5	0.658	0.755	0.239	0.274	
						21100	2535.0	1	49	18.1	17.5	0.705	0.809	0.257	0.295	
								50	24	18.1	17.5	0.715	0.821	0.261	0.300	
								100	0	18.1	17.5	0.708	0.813	0.258	0.296	
						21350	2560.0	1	49	18.1	17.5	0.729	0.837	0.267	0.307	
								50	24	18.1	17.5	0.758	0.870	0.278	0.319	52
					Edge 2	21100	2535.0	1	49	18.1	17.5	0.065	0.075	0.025	0.029	
								50	24	18.1	17.5	0.067	0.077	0.026	0.030	
					Edge 4	21100	2535.0	1	49	18.1	17.5	0.224	0.257	0.103	0.118	
								50	24	18.1	17.5	0.226	0.259	0.103	0.118	

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT3	Head	QPSK	Mode A	0	Left Touch	21100	2535.0	1	49	24.5	24.2	0.330	0.354	0.182	0.195	53
								50	24	24.0	23.2	0.264	0.317	0.145	0.174	
					Left Tilt	21100	2535.0	1	49	24.5	24.2	0.125	0.134	0.068	0.073	
								50	24	24.0	23.2	0.101	0.121	0.056	0.067	
					Right Touch	21100	2535.0	1	49	24.5	24.2	0.252	0.270	0.143	0.153	
								50	24	24.0	23.2	0.201	0.242	0.113	0.136	
					Right Tilt	21100	2535.0	1	49	24.5	24.2	0.258	0.276	0.134	0.144	
								50	24	24.0	23.2	0.207	0.249	0.107	0.129	
	Body & Hotspot	QPSK	Mode B	5	Rear	21100	2535.0	1	49	20.6	20.2	0.600	0.658	0.293	0.321	
								50	24	20.6	20.2	0.610	0.669	0.298	0.327	54
					Front	21100	2535.0	1	49	20.6	20.2	0.316	0.346	0.167	0.183	
								50	24	20.6	20.2	0.325	0.356	0.169	0.185	
	Hotspot	QPSK	Mode B	5	Edge 3	21100	2535.0	1	49	20.6	20.2	0.053	0.058	0.024	0.026	
								50	24	20.6	20.2	0.054	0.059	0.026	0.029	
					Edge 4	21100	2535.0	1	49	20.6	20.2	0.693	0.760	0.302	0.331	
								50	24	20.6	20.2	0.710	0.778	0.307	0.337	55

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT4	Head	QPSK	Mode A	0	Left Touch	20850	2510.0	1	49	19.1	18.6	0.683	0.766	0.317	0.356	
								50	24	19.1	18.6	0.649	0.728	0.319	0.358	
						21100	2535.0	1	49	19.1	18.7	0.734	0.805	0.328	0.360	
								50	24	19.1	18.6	0.747	0.838	0.334	0.375	
								100	0	19.1	18.6	0.744	0.835	0.335	0.376	
						21350	2560.0	1	49	19.1	18.7	0.804	0.882	0.352	0.386	
								50	24	19.1	18.6	0.821	0.921	0.358	0.402	56
					Left Tilt	21100	2535.0	1	49	19.1	18.7	0.166	0.182	0.083	0.091	
								50	24	19.1	18.6	0.169	0.190	0.084	0.094	
					Right Touch	21100	2535.0	1	49	19.1	18.7	0.186	0.204	0.096	0.105	
								50	24	19.1	18.6	0.192	0.215	0.099	0.111	
					Right Tilt	21100	2535.0	1	49	19.1	18.7	0.027	0.029	0.011	0.012	
								50	24	19.1	18.6	0.028	0.031	0.012	0.013	
	Body & Hotspot	QPSK	Mode B	5	Rear	21100	2535.0	1	49	18.8	18.3	0.417	0.473	0.183	0.208	
								50	24	18.8	18.3	0.422	0.473	0.185	0.208	57
					Front	21100	2535.0	1	49	18.8	18.3	0.258	0.293	0.115	0.131	
								50	24	18.8	18.3	0.264	0.296	0.118	0.132	
	Hotspot	QPSK	Mode B	5	Edge 1	21100	2535.0	1	49	18.8	18.3	0.028	0.032	0.010	0.011	
								50	24	18.8	18.3	0.030	0.034	0.010	0.011	
					Edge 2	20850	2510.0	1	49	18.8	18.0	0.648	0.779	0.268	0.322	
								50	24	18.8	18.1	0.644	0.757	0.267	0.314	
						21100	2535.0	1	49	18.8	18.3	0.705	0.800	0.286	0.325	
								50	24	18.8	18.3	0.726	0.815	0.293	0.329	
								100	0	18.8	18.2	0.722	0.829	0.292	0.335	
						21350	2560.0	1	49	18.8	18.3	0.814	0.913	0.321	0.360	
								50	24	18.8	18.3	0.837	0.939	0.330	0.370	58

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Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	PCC UL				SCC UL				Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
						Ch #.	Freq. (MHz)	RB Allocation	RB offest	Ch #.	Freq. (MHz)	RB Allocation	RB offest	Tune-up limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT 1	Head	QPSK	Mode A	0	Right Touch	21001	2525.1	1	99	21199	2544.9	1	0	25.3	24.3	0.166	0.209	0.088	0.111	
	Body	QPSK	Mode B	5	Rear	21001	2525.1	1	99	21199	2544.9	1	0	19.7	18.7	0.293	0.369	0.127	0.160	
	Hotspot	QPSK	Mode B	5	Edge 2	20850	2510.0	1	99	21048	2529.8	1	0	19.7	18.7	0.356	0.448	0.149	0.188	

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	PCC UL				SCC UL				Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
						Ch #.	Freq. (MHz)	RB Allocation	RB offest	Ch #.	Freq. (MHz)	RB Allocation	RB offest	Tune-up limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT 2	Head	QPSK	Mode A	0	Left Touch	21152	2540.2	1	99	21350	2560.0	1	0	16.9	15.7	0.415	0.547	0.150	0.198	
	Body	QPSK	Mode B	5	Rear	21001	2525.1	1	99	21199	2544.9	1	0	18.1	17.5	0.306	0.351	0.118	0.135	
	Hotspot	QPSK	Mode B	5	Edge 1	21152	2540.2	1	99	21350	2560.0	1	0	18.1	17.5	0.410	0.471	0.144	0.165	

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	PCC UL				SCC UL				Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
						Ch #.	Freq. (MHz)	RB Allocation	RB offest	Ch #.	Freq. (MHz)	RB Allocation	RB offest	Tune-up limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT 3	Head	QPSK	Mode A	0	Left Touch	21001	2525.1	1	99	21199	2544.9	1	0	24.5	23.4	0.127	0.164	0.069	0.089	
	Body	QPSK	Mode B	5	Rear	21001	2525.1	1	99	21199	2544.9	1	0	20.6	19.8	0.213	0.256	0.105	0.126	
	Hotspot	QPSK	Mode B	5	Edge 4	21001	2525.1	1	99	21199	2544.9	1	0	20.6	19.8	0.318	0.382	0.141	0.170	

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	PCC UL				SCC UL				Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
						Ch #.	Freq. (MHz)	RB Allocation	RB offest	Ch #.	Freq. (MHz)	RB Allocation	RB offest	Tune-up limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT 4	Head	QPSK	Mode A	0	Left Touch	21152	2540.2	1	99	21350	2560.0	1	0	19.1	18.5	0.493	0.566	0.209	0.240	
	Body	QPSK	Mode B	5	Rear	21001	2525.1	1	99	21199	2544.9	1	0	18.8	18.0	0.167	0.201	0.073	0.088	
	Hotspot	QPSK	Mode B	5	Edge 2	21152	2540.2	1	99	21350	2560.0	1	0	18.8	17.9	0.435	0.535	0.174	0.214	

Note(s):

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

10.8. LTE Band 12 (10MHz Bandwidth)

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT1	Head	QPSK	Mode A	0	Left Touch	23095	707.5	1	25	25.7	25.1	0.122	0.140	0.096	0.111	
								25	12	24.7	24.0	0.093	0.109	0.074	0.087	
					Left Tilt	23095	707.5	1	25	25.7	25.1	0.070	0.080	0.056	0.064	
								25	12	24.7	24.0	0.054	0.063	0.044	0.052	
					Right Touch	23095	707.5	1	25	25.7	25.1	0.140	0.161	0.108	0.124	59
								25	12	24.7	24.0	0.111	0.130	0.086	0.101	
					Right Tilt	23095	707.5	1	25	25.7	25.1	0.064	0.074	0.052	0.059	
								25	12	24.7	24.0	0.055	0.065	0.044	0.052	
	Body & Hotspot	QPSK	Mode B	5	Rear	23095	707.5	1	25	25.7	25.1	0.530	0.609	0.290	0.333	60
								25	12	24.7	24.0	0.416	0.489	0.216	0.254	
					Front	23095	707.5	1	25	25.7	25.1	0.350	0.402	0.200	0.230	
								25	12	24.7	24.0	0.274	0.322	0.161	0.189	
	Hotspot	QPSK	Mode B	5	Edge 2	23095	707.5	1	25	25.7	25.1	0.493	0.566	0.271	0.311	
								25	12	24.7	24.0	0.435	0.511	0.235	0.276	
					Edge 3	23095	707.5	1	25	25.7	25.1	0.334	0.383	0.138	0.158	
								25	12	24.7	24.0	0.270	0.317	0.113	0.133	
					Edge 4	23095	707.5	1	25	25.7	25.1	0.232	0.266	0.149	0.171	
								25	12	24.7	24.0	0.189	0.222	0.121	0.142	

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT2	Head	QPSK	Mode A	0	Left Touch	23095	707.5	1	25	23.0	22.5	0.550	0.617	0.321	0.360	
								25	12	23.0	22.5	0.627	0.704	0.355	0.398	
					Left Tilt	23095	707.5	1	25	23.0	22.5	0.539	0.605	0.290	0.325	
								25	12	23.0	22.5	0.559	0.627	0.293	0.329	
					Right Touch	23095	707.5	1	25	23.0	22.5	0.725	0.813	0.429	0.481	
								25	12	23.0	22.5	0.734	0.824	0.434	0.487	
								50	0	23.0	22.4	0.778	0.893	0.451	0.518	61
					Right Tilt	23095	707.5	1	25	23.0	22.5	0.572	0.642	0.299	0.335	
								25	12	23.0	22.5	0.584	0.655	0.306	0.343	
	Body & Hotspot	QPSK	Mode B	5	Rear	23095	707.5	1	25	24.7	24.4	0.504	0.540	0.306	0.328	62
								25	12	23.7	23.4	0.350	0.376	0.207	0.222	
					Front	23095	707.5	1	25	24.7	24.4	0.264	0.283	0.178	0.191	
								25	12	23.7	23.4	0.208	0.223	0.140	0.150	
	Hotspot	QPSK	Mode B	5	Edge 1	23095	707.5	1	25	24.7	24.4	0.205	0.220	0.100	0.107	
								25	12	23.7	23.4	0.161	0.173	0.079	0.084	
					Edge 2	23095	707.5	1	25	24.7	24.4	0.237	0.254	0.157	0.168	
								25	12	23.7	23.4	0.190	0.204	0.125	0.134	
					Edge 4	23095	707.5	1	25	24.7	24.4	0.312	0.334	0.207	0.222	
								25	12	23.7	23.4	0.252	0.271	0.166	0.178	

10.9. LTE Band 13 (10MHz Bandwidth)

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT1	Head	QPSK	Mode A	0	Left Touch	23230	782.0	1	25	25.7	25.2	0.130	0.146	0.103	0.116	
								25	12	24.7	24.1	0.100	0.115	0.079	0.091	
					Left Tilt	23230	782.0	1	25	25.7	25.2	0.085	0.095	0.067	0.076	
								25	12	24.7	24.1	0.068	0.078	0.054	0.062	
					Right Touch	23230	782.0	1	25	25.7	25.2	0.180	0.202	0.136	0.153	63
								25	12	24.7	24.1	0.148	0.170	0.107	0.123	
					Right Tilt	23230	782.0	1	25	25.7	25.2	0.115	0.129	0.088	0.099	
								25	12	24.7	24.1	0.086	0.098	0.067	0.077	
	Body & Hotspot	QPSK	Mode B	5	Rear	23230	782.0	1	25	25.4	24.8	0.702	0.806	0.370	0.425	64
								25	12	24.7	24.1	0.603	0.692	0.317	0.364	
					Front	23230	782.0	1	25	25.4	24.8	0.431	0.495	0.234	0.269	
								25	12	24.7	24.1	0.410	0.471	0.222	0.255	
	Hotspot	QPSK	Mode B	5	Edge 2	23230	782.0	1	25	25.4	24.8	0.487	0.559	0.253	0.290	
								25	12	24.7	24.1	0.425	0.488	0.223	0.256	
					Edge 3	23230	782.0	1	25	25.4	24.8	0.486	0.558	0.216	0.248	
								25	12	24.7	24.1	0.386	0.443	0.174	0.200	
					Edge 4	23230	782.0	1	25	25.4	24.8	0.179	0.206	0.116	0.133	
								25	12	24.7	24.1	0.162	0.186	0.104	0.119	

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT2	Head	QPSK	Mode A	0	Left Touch	23230	782.0	1	25	23.7	23.1	0.744	0.854	0.445	0.511	
								25	12	23.7	23.1	0.626	0.719	0.375	0.431	
					Left Tilt	23230	782.0	1	25	23.7	23.1	0.631	0.724	0.329	0.378	
								25	12	23.7	23.1	0.531	0.610	0.275	0.316	
					Right Touch	23230	782.0	1	25	23.7	23.1	0.786	0.902	0.462	0.530	65
								25	12	23.7	23.1	0.664	0.762	0.394	0.452	
					Right Tilt	23230	782.0	1	25	23.7	23.1	0.546	0.627	0.286	0.328	
								25	12	23.7	23.1	0.462	0.530	0.241	0.277	
	Body & Hotspot	QPSK	Mode B	5	Rear	23230	782.0	1	25	24.7	24.1	0.651	0.747	0.391	0.449	66
								25	12	23.7	23.1	0.512	0.588	0.308	0.354	
					Front	23230	782.0	1	25	24.7	24.1	0.351	0.403	0.227	0.261	
								25	12	23.7	23.1	0.282	0.324	0.182	0.209	
	Hotspot	QPSK	Mode B	5	Edge 1	23230	782.0	1	25	24.7	24.1	0.296	0.340	0.150	0.172	
								25	12	23.7	23.1	0.240	0.276	0.123	0.141	
					Edge 2	23230	782.0	1	25	24.7	24.1	0.239	0.274	0.155	0.178	
								25	12	23.7	23.1	0.193	0.222	0.126	0.145	
					Edge 4	23230	782.0	1	25	24.7	24.1	0.175	0.201	0.114	0.131	
								25	12	23.7	23.1	0.142	0.163	0.093	0.107	

10.10. LTE Band 14 (10MHz Bandwidth)

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT1	Head	QPSK	Mode A	0	Left Touch	23330	793.0	1	25	25.7	25.2	0.112	0.126	0.088	0.099	
								25	12	24.7	24.1	0.094	0.109	0.074	0.086	
					Left Tilt	23330	793.0	1	25	25.7	25.2	0.078	0.087	0.061	0.069	
								25	12	24.7	24.1	0.070	0.081	0.055	0.064	
					Right Touch	23330	793.0	1	25	25.7	25.2	0.191	0.214	0.137	0.154	67
								25	12	24.7	24.1	0.149	0.173	0.110	0.128	
					Right Tilt	23330	793.0	1	25	25.7	25.2	0.106	0.119	0.080	0.090	
								25	12	24.7	24.1	0.079	0.092	0.062	0.072	
	Body & Hotspot	QPSK	Mode B	5	Rear	23330	793.0	1	25	25.4	24.8	0.679	0.780	0.357	0.410	68
								25	12	24.7	24.1	0.569	0.661	0.300	0.348	
					Front	23330	793.0	1	25	25.4	24.8	0.453	0.520	0.247	0.284	
								25	12	24.7	24.1	0.402	0.467	0.215	0.250	
	Hotspot	QPSK	Mode B	5	Edge 2	23330	793.0	1	25	25.4	24.8	0.472	0.542	0.231	0.265	
								25	12	24.7	24.1	0.413	0.480	0.203	0.236	
					Edge 3	23330	793.0	1	25	25.4	24.8	0.501	0.575	0.218	0.250	
								25	12	24.7	24.1	0.435	0.505	0.189	0.220	
					Edge 4	23330	793.0	1	25	25.4	24.8	0.160	0.184	0.102	0.117	
								25	12	24.7	24.1	0.142	0.165	0.092	0.107	

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT2	Head	QPSK	Mode A	0	Left Touch	23330	793.0	1	25	23.7	23.1	0.504	0.579	0.304	0.349	
								25	12	23.7	23.0	0.516	0.606	0.308	0.362	
					Left Tilt	23330	793.0	1	25	23.7	23.1	0.440	0.505	0.226	0.259	
								25	12	23.7	23.0	0.454	0.533	0.231	0.271	
					Right Touch	23330	793.0	1	25	23.7	23.1	0.538	0.618	0.307	0.352	
								25	12	23.7	23.0	0.573	0.673	0.344	0.404	69
					Right Tilt	23330	793.0	1	25	23.7	23.1	0.353	0.405	0.183	0.210	
								25	12	23.7	23.0	0.368	0.432	0.193	0.227	
	Body & Hotspot	QPSK	Mode B	5	Rear	23330	793.0	1	25	24.7	24.1	0.564	0.648	0.339	0.389	70
								25	12	23.7	23.1	0.493	0.566	0.292	0.335	
					Front	23330	793.0	1	25	24.7	24.1	0.375	0.431	0.227	0.261	
								25	12	23.7	23.1	0.301	0.346	0.182	0.209	
	Hotspot	QPSK	Mode B	5	Edge 1	23330	793.0	1	25	24.7	24.1	0.322	0.370	0.159	0.183	
								25	12	23.7	23.1	0.231	0.265	0.115	0.132	
					Edge 2	23330	793.0	1	25	24.7	24.1	0.151	0.173	0.099	0.114	
								25	12	23.7	23.1	0.121	0.139	0.079	0.091	
					Edge 4	23330	793.0	1	25	24.7	24.1	0.093	0.107	0.046	0.053	
								25	12	23.7	23.1	0.077	0.088	0.038	0.044	

10.11. LTE Band 25 (20MHz Bandwidth)

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT1	Head	QPSK	Mode A	0	Left Touch	26365	1882.5	1	49	25.7	25.4	0.148	0.159	0.097	0.103	
								50	24	24.7	24.4	0.116	0.124	0.076	0.081	
					Left Tilt	26365	1882.5	1	49	25.7	25.4	0.093	0.099	0.059	0.063	
								50	24	24.7	24.4	0.073	0.078	0.046	0.050	
					Right Touch	26365	1882.5	1	49	25.7	25.4	0.347	0.372	0.223	0.239	71
								50	24	24.7	24.4	0.277	0.297	0.179	0.192	
					Right Tilt	26365	1882.5	1	49	25.7	25.4	0.124	0.133	0.083	0.089	
								50	24	24.7	24.4	0.098	0.105	0.064	0.069	
	Body & Hotspot	QPSK	Mode B	5	Rear	26365	1882.5	1	49	21.5	21.1	0.663	0.727	0.349	0.383	
								50	24	21.5	21.1	0.679	0.745	0.356	0.390	72
					Front	26365	1882.5	1	49	21.5	21.1	0.485	0.532	0.264	0.289	
								50	24	21.5	21.1	0.495	0.543	0.268	0.294	
	Hotspot	QPSK	Mode B	5	Edge 2	26365	1882.5	1	49	21.5	21.1	0.620	0.680	0.318	0.349	
								50	24	21.5	21.1	0.654	0.717	0.334	0.366	
					Edge 3	26365	1882.5	1	49	21.5	21.1	0.691	0.758	0.317	0.348	
								50	24	21.5	21.1	0.700	0.768	0.320	0.351	73
					Edge 4	26365	1882.5	1	49	21.5	21.1	0.023	0.026	0.013	0.014	
								50	24	21.5	21.1	0.024	0.026	0.013	0.014	

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT2	Head	QPSK	Mode A	0	Left Touch	26365	1882.5	1	49	18.9	18.3	0.231	0.265	0.128	0.147	
								50	24	18.9	18.2	0.235	0.276	0.130	0.153	
					Left Tilt	26365	1882.5	1	49	18.9	18.3	0.169	0.194	0.091	0.104	
								50	24	18.9	18.2	0.168	0.197	0.091	0.106	
					Right Touch	26140	1860.0	1	49	18.9	18.2	0.688	0.808	0.390	0.458	
								50	24	18.9	18.1	0.697	0.838	0.392	0.471	
						26365	1882.5	1	49	18.9	18.3	0.701	0.805	0.390	0.448	
								50	24	18.9	18.2	0.702	0.825	0.391	0.459	
								100	0	18.9	18.1	0.699	0.840	0.387	0.465	
						26590	1905.0	1	49	18.9	18.3	0.757	0.869	0.429	0.493	
								50	24	18.9	18.1	0.752	0.904	0.427	0.513	74
					Right Tilt	26365	1882.5	1	49	18.9	18.3	0.556	0.638	0.259	0.297	
								50	24	18.9	18.2	0.540	0.634	0.254	0.298	
	Body & Hotspot	QPSK	Mode B	5	Rear	26140	1860.0	1	49	19.5	18.8	0.727	0.854	0.336	0.395	
								50	24	19.5	18.7	0.744	0.894	0.342	0.411	
						26365	1882.5	1	49	19.5	18.9	0.774	0.889	0.357	0.410	
								50	24	19.5	18.8	0.775	0.911	0.358	0.421	
								100	0	19.5	18.7	0.767	0.922	0.354	0.426	75
						26590	1905.0	1	49	19.5	18.9	0.753	0.865	0.352	0.404	
								50	24	19.5	18.7	0.755	0.908	0.353	0.424	
					Front	26365	1882.5	1	49	19.5	18.9	0.406	0.466	0.218	0.250	
								50	24	19.5	18.8	0.430	0.505	0.233	0.274	
	Hotspot	QPSK	Mode B	5	Edge 1	26365	1882.5	1	49	19.5	18.9	0.267	0.307	0.099	0.113	
								50	24	19.5	18.8	0.261	0.307	0.098	0.115	
					Edge 2	26365	1882.5	1	49	19.5	18.9	0.014	0.016	0.005	0.006	
								50	24	19.5	18.8	0.013	0.016	0.005	0.006	
					Edge 4	26365	1882.5	1	49	19.5	18.9	0.551	0.633	0.288	0.331	
								50	24	19.5	18.8	0.553	0.650	0.288	0.338	

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT3	Head	QPSK	Mode A	0	Left Touch	26365	1882.5	1	49	25.1	25.1	0.492	0.492	0.309	0.309	76
								50	24	24.2	24.2	0.392	0.392	0.245	0.245	
					Left Tilt	26365	1882.5	1	49	25.1	25.1	0.163	0.163	0.102	0.102	
								50	24	24.2	24.2	0.125	0.125	0.078	0.078	
					Right Touch	26365	1882.5	1	49	25.1	25.1	0.238	0.238	0.157	0.157	
								50	24	24.2	24.2	0.218	0.218	0.142	0.142	
					Right Tilt	26365	1882.5	1	49	25.1	25.1	0.167	0.167	0.099	0.099	
								50	24	24.2	24.2	0.130	0.130	0.076	0.076	
	Body & Hotspot	QPSK	Mode B	5	Rear	26365	1882.5	1	49	19.7	19.2	0.503	0.564	0.265	0.297	
								50	24	19.7	19.2	0.510	0.572	0.269	0.302	77
					Front	26365	1882.5	1	49	19.7	19.2	0.468	0.525	0.240	0.269	
								50	24	19.7	19.2	0.428	0.480	0.216	0.242	
	Hotspot	QPSK	Mode B	5	Edge 3	26365	1882.5	1	49	19.7	19.2	0.194	0.218	0.103	0.116	
								50	24	19.7	19.2	0.187	0.210	0.100	0.112	
					Edge 4	26140	1860.0	1	49	19.7	19.1	0.688	0.790	0.332	0.381	
								50	24	19.7	19.1	0.711	0.816	0.341	0.392	
						26365	1882.5	1	49	19.7	19.2	0.748	0.839	0.356	0.399	
								50	24	19.7	19.2	0.754	0.846	0.358	0.402	
								100	0	19.7	19.2	0.747	0.838	0.358	0.402	
						26590	1905.0	1	49	19.7	19.2	0.809	0.908	0.390	0.438	78
								50	24	19.7	19.2	0.808	0.907	0.389	0.436	

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT4	Head	QPSK	Mode A	0	Left Touch	26140	1860.0	1	49	19.9	19.5	0.800	0.877	0.373	0.409	
								50	24	19.9	19.4	0.811	0.910	0.379	0.425	79
						26365	1882.5	1	49	19.9	19.6	0.765	0.820	0.352	0.377	
								50	24	19.9	19.6	0.780	0.836	0.358	0.384	
								100	0	19.9	19.4	0.769	0.863	0.354	0.397	
						26590	1905.0	1	49	19.9	19.6	0.824	0.883	0.372	0.399	
								50	24	19.9	19.6	0.849	0.910	0.381	0.408	
					Left Tilt	26365	1882.5	1	49	19.9	19.6	0.322	0.345	0.173	0.185	
								50	24	19.9	19.6	0.326	0.349	0.175	0.188	
					Right Touch	26365	1882.5	1	49	19.9	19.6	0.318	0.341	0.168	0.180	
								50	24	19.9	19.6	0.324	0.347	0.171	0.183	
					Right Tilt	26365	1882.5	1	49	19.9	19.6	0.146	0.156	0.082	0.088	
								50	24	19.9	19.6	0.149	0.160	0.083	0.089	
	Body & Hotspot	QPSK	Mode B	5	Rear	26365	1882.5	1	49	20.1	19.6	0.505	0.567	0.247	0.277	
								50	24	20.1	19.6	0.521	0.585	0.256	0.287	80
					Front	26365	1882.5	1	49	20.1	19.6	0.410	0.460	0.204	0.229	
								50	24	20.1	19.6	0.404	0.453	0.201	0.226	
	Hotspot	QPSK	Mode B	5	Edge 1	26365	1882.5	1	49	20.1	19.6	0.121	0.136	0.066	0.074	
								50	24	20.1	19.6	0.122	0.137	0.067	0.075	
					Edge 2	26140	1860.0	1	49	20.1	19.5	0.684	0.785	0.311	0.357	
								50	24	20.1	19.4	0.691	0.812	0.315	0.370	
						26365	1882.5	1	49	20.1	19.6	0.758	0.850	0.347	0.389	
								50	24	20.1	19.6	0.771	0.865	0.354	0.397	
								100	0	20.1	19.4	0.771	0.906	0.352	0.414	81
						26590	1905.0	1	49	20.1	19.6	0.715	0.802	0.326	0.366	
								50	24	20.1	19.6	0.722	0.810	0.329	0.369	

10.12. LTE Band 26 (10MHz Bandwidth)

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT1	Head	QPSK	Mode A	0	Left Touch	26865	831.5	1	25	25.7	25.3	0.136	0.149	0.106	0.116	
								25	12	24.7	24.2	0.106	0.119	0.082	0.092	
					Left Tilt	26865	831.5	1	25	25.7	25.3	0.095	0.104	0.075	0.082	
								25	12	24.7	24.2	0.076	0.085	0.059	0.067	
					Right Touch	26865	831.5	1	25	25.7	25.3	0.181	0.198	0.137	0.150	82
								25	12	24.7	24.2	0.146	0.164	0.111	0.125	
					Right Tilt	26865	831.5	1	25	25.7	25.3	0.106	0.116	0.082	0.090	
								25	12	24.7	24.2	0.086	0.096	0.066	0.074	
	Body & Hotspot	QPSK	Mode B	5	Rear	26865	831.5	1	25	24.0	23.6	0.644	0.706	0.335	0.367	
								25	12	24.0	23.6	0.709	0.777	0.362	0.397	83
					Front	26865	831.5	1	25	24.0	23.6	0.391	0.429	0.214	0.235	
								25	12	24.0	23.6	0.398	0.436	0.217	0.238	
	Hotspot	QPSK	Mode B	5	Edge 2	26865	831.5	1	25	24.0	23.6	0.336	0.368	0.222	0.243	
								25	12	24.0	23.6	0.345	0.378	0.228	0.250	
					Edge 3	26865	831.5	1	25	24.0	23.6	0.477	0.523	0.213	0.234	
								25	12	24.0	23.6	0.468	0.513	0.211	0.231	
					Edge 4	26865	831.5	1	25	24.0	23.6	0.082	0.090	0.054	0.059	
								25	12	24.0	23.6	0.085	0.093	0.055	0.061	

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT2	Head	QPSK	Mode A	0	Left Touch	26865	831.5	1	25	22.5	21.9	0.534	0.613	0.355	0.408	
								25	12	22.5	21.8	0.551	0.647	0.363	0.426	
					Left Tilt	26865	831.5	1	25	22.5	21.9	0.480	0.551	0.258	0.296	
								25	12	22.5	21.8	0.485	0.570	0.262	0.308	
					Right Touch	26740	819.0	1	25	22.5	21.7	0.675	0.812	0.419	0.504	
								25	12	22.5	21.7	0.707	0.850	0.425	0.511	
						26865	831.5	1	25	22.5	21.9	0.773	0.888	0.462	0.530	84
								25	12	22.5	21.8	0.720	0.846	0.445	0.523	
								50	0	22.5	21.8	0.719	0.845	0.435	0.511	
						26990	844.0	1	25	22.5	21.9	0.709	0.814	0.435	0.499	
								25	12	22.5	21.8	0.699	0.821	0.416	0.489	
					Right Tilt	26865	831.5	1	25	22.5	21.9	0.577	0.662	0.304	0.349	
								25	12	22.5	21.8	0.594	0.698	0.311	0.365	
	Body & Hotspot	QPSK	Mode B	5	Rear	26740	819.0	1	25	24.7	23.9	0.554	0.666	0.348	0.418	
						26865	831.5	1	25	24.7	24.0	0.696	0.818	0.437	0.513	85
								25	12	23.7	23.0	0.626	0.735	0.386	0.454	
						26990	844.0	1	25	24.7	24.0	0.655	0.770	0.404	0.475	
					Front	26865	831.5	1	25	24.7	24.0	0.502	0.590	0.322	0.378	
								25	12	23.7	23.0	0.407	0.478	0.261	0.307	
	Hotspot	QPSK	Mode B	5	Edge 1	26865	831.5	1	25	24.7	24.0	0.329	0.387	0.176	0.207	
								25	12	23.7	23.0	0.241	0.283	0.130	0.153	
					Edge 2	26865	831.5	1	25	24.7	24.0	0.175	0.206	0.113	0.133	
								25	12	23.7	23.0	0.140	0.164	0.090	0.106	
					Edge 4	26865	831.5	1	25	24.7	24.0	0.111	0.130	0.062	0.073	
								25	12	23.7	23.0	0.081	0.095	0.045	0.053	

10.13. LTE Band 30 (10MHz Bandwidth)

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT1	Head	QPSK	Mode A	0	Left Touch	27710	2310.0	1	25	25.7	25.2	0.187	0.210	0.105	0.118	
								25	12	24.7	24.1	0.149	0.171	0.085	0.098	
					Left Tilt	27710	2310.0	1	25	25.7	25.2	0.140	0.157	0.077	0.087	
								25	12	24.7	24.1	0.114	0.131	0.062	0.071	
					Right Touch	27710	2310.0	1	25	25.7	25.2	0.421	0.472	0.238	0.267	86
								25	12	24.7	24.1	0.337	0.387	0.190	0.218	
					Right Tilt	27710	2310.0	1	25	25.7	25.2	0.104	0.117	0.059	0.066	
								25	12	24.7	24.1	0.079	0.090	0.045	0.052	
	Body & Hotspot	QPSK	Mode B	5	Rear	27710	2310.0	1	25	21.4	20.7	0.691	0.812	0.304	0.357	
								25	12	21.4	20.7	0.699	0.821	0.306	0.360	87
								50	0	21.4	20.6	0.678	0.815	0.297	0.357	
					Front	27710	2310.0	1	25	21.4	20.7	0.522	0.613	0.254	0.298	
								25	12	21.4	20.7	0.525	0.617	0.255	0.300	
	Hotspot	QPSK	Mode B	5	Edge 2	27710	2310.0	1	25	21.4	20.7	0.493	0.579	0.231	0.271	
								25	12	21.4	20.7	0.544	0.639	0.254	0.298	
					Edge 3	27710	2310.0	1	25	21.4	20.7	0.775	0.911	0.309	0.363	
								25	12	21.4	20.7	0.777	0.913	0.311	0.365	
								50	0	21.4	20.6	0.777	0.934	0.310	0.373	88
					Edge 4	27710	2310.0	1	25	21.4	20.7	0.076	0.089	0.038	0.045	
								25	12	21.4	20.7	0.077	0.090	0.039	0.046	

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT2	Head	QPSK	Mode A	0	Left Touch	27710	2310.0	1	25	19.4	19.2	0.816	0.854	0.341	0.357	
								25	12	19.4	19.1	0.819	0.878	0.342	0.366	
								50	0	19.4	19.1	0.807	0.865	0.337	0.361	
					Left Tilt	27710	2310.0	1	25	19.4	19.2	0.856	0.896	0.346	0.362	
								25	12	19.4	19.1	0.863	0.925	0.348	0.373	89
								50	0	19.4	19.1	0.846	0.907	0.341	0.365	
					Right Touch	27710	2310.0	1	25	19.4	19.2	0.766	0.802	0.305	0.319	
								25	12	19.4	19.1	0.778	0.834	0.309	0.331	
								50	0	19.4	19.1	0.755	0.809	0.298	0.319	
					Right Tilt	27710	2310.0	1	25	19.4	19.2	0.773	0.809	0.313	0.328	
								25	12	19.4	19.1	0.782	0.838	0.316	0.339	
								50	0	19.4	19.1	0.780	0.836	0.315	0.338	
	Body & Hotspot	QPSK	Mode B	5	Rear	27710	2310.0	1	25	20.3	19.7	0.798	0.916	0.334	0.383	
								25	12	20.3	19.6	0.798	0.938	0.333	0.391	90
								50	0	20.3	19.6	0.794	0.933	0.332	0.390	
					Front	27710	2310.0	1	25	20.3	19.7	0.512	0.588	0.217	0.249	
								25	12	20.3	19.6	0.512	0.602	0.216	0.254	
	Hotspot	QPSK	Mode B	5	Edge 1	27710	2310.0	1	25	20.3	19.7	0.740	0.850	0.293	0.336	
								25	12	20.3	19.6	0.748	0.879	0.295	0.347	
								50	0	20.3	19.6	0.778	0.914	0.302	0.355	
					Edge 2	27710	2310.0	1	25	20.3	19.7	0.024	0.027	0.010	0.012	
								25	12	20.3	19.6	0.024	0.029	0.011	0.013	
					Edge 4	27710	2310.0	1	25	20.3	19.7	0.260	0.299	0.132	0.152	
								25	12	20.3	19.6	0.231	0.271	0.119	0.140	

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT3	Head	QPSK	Mode A	0	Left Touch	27710	2310.0	1	25	23.6	23.0	0.377	0.433	0.213	0.245	
								25	12	23.6	22.9	0.382	0.449	0.216	0.254	91
					Left Tilt	27710	2310.0	1	25	23.6	23.0	0.100	0.115	0.055	0.063	
								25	12	23.6	22.9	0.096	0.113	0.052	0.061	
					Right Touch	27710	2310.0	1	25	23.6	23.0	0.140	0.161	0.083	0.095	
								25	12	23.6	22.9	0.141	0.166	0.083	0.098	
					Right Tilt	27710	2310.0	1	25	23.6	23.0	0.210	0.241	0.117	0.134	
								25	12	23.6	22.9	0.209	0.246	0.117	0.137	
	Body & Hotspot	QPSK	Mode B	5	Rear	27710	2310.0	1	25	20.4	20.1	0.714	0.765	0.378	0.405	
								25	12	20.4	20.1	0.726	0.778	0.384	0.411	92
					Front	27710	2310.0	1	25	20.4	20.1	0.508	0.544	0.273	0.293	
								25	12	20.4	20.1	0.424	0.454	0.230	0.246	
	Hotspot	QPSK	Mode B	5	Edge 3	27710	2310.0	1	25	20.4	20.1	0.120	0.129	0.059	0.063	
								25	12	20.4	20.1	0.144	0.154	0.070	0.075	
					Edge 4	27710	2310.0	1	25	20.4	20.1	0.814	0.872	0.378	0.405	
								25	12	20.4	20.1	0.830	0.889	0.383	0.410	
								50	0	20.4	20.0	0.817	0.896	0.375	0.411	93

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT4	Head	QPSK	Mode A	0	Left Touch	27710	2310.0	1	25	18.2	17.6	0.778	0.893	0.652	0.749	
								25	12	18.2	17.5	0.787	0.925	0.346	0.407	94
								50	0	18.2	17.4	0.753	0.905	0.334	0.402	
					Left Tilt	27710	2310.0	1	25	18.2	17.6	0.231	0.265	0.119	0.137	
								25	12	18.2	17.5	0.208	0.244	0.106	0.125	
					Right Touch	27710	2310.0	1	25	18.2	17.6	0.344	0.395	0.175	0.201	
								25	12	18.2	17.5	0.340	0.399	0.172	0.202	
					Right Tilt	27710	2310.0	1	25	18.2	17.6	0.080	0.092	0.043	0.049	
								25	12	18.2	17.5	0.080	0.094	0.044	0.052	
	Body & Hotspot	QPSK	Mode B	5	Rear	27710	2310.0	1	25	19.7	19.1	0.722	0.829	0.320	0.367	
								25	12	19.7	19.0	0.723	0.849	0.320	0.376	95
								50	0	19.7	19.0	0.714	0.839	0.317	0.372	
					Front	27710	2310.0	1	25	19.7	19.1	0.524	0.602	0.237	0.272	
								25	12	19.7	19.0	0.531	0.624	0.238	0.280	
	Hotspot	QPSK	Mode B	5	Edge 1	27710	2310.0	1	25	19.7	19.1	0.092	0.106	0.041	0.048	
								25	12	19.7	19.0	0.092	0.108	0.039	0.046	
					Edge 2	27710	2310.0	1	25	19.7	19.1	0.767	0.881	0.342	0.393	
								25	12	19.7	19.0	0.755	0.887	0.337	0.396	96
								50	0	19.7	19.0	0.742	0.872	0.330	0.388	

10.14. LTE Band 41 Power Class 3 (20MHz Bandwidth)

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT1	Head	QPSK	Mode A	0	Left Touch	40620	2593.0	1	49	25.7	25.1	0.074	0.085	0.036	0.041	
								50	24	24.7	24.1	0.054	0.062	0.027	0.031	
					Left Tilt	40620	2593.0	1	49	25.7	25.1	0.089	0.102	0.045	0.052	
								50	24	24.7	24.1	0.063	0.072	0.032	0.037	
					Right Touch	40620	2593.0	1	49	25.7	25.1	0.145	0.166	0.078	0.090	97
								50	24	24.7	24.1	0.117	0.134	0.063	0.072	
					Right Tilt	40620	2593.0	1	49	25.7	25.1	0.031	0.036	0.010	0.011	
								50	24	24.7	24.1	0.042	0.048	0.020	0.023	
	Body & Hotspot	QPSK	Mode B	5	Rear	40620	2593.0	1	49	22.2	21.4	0.537	0.646	0.234	0.281	
								50	24	22.2	21.4	0.551	0.662	0.240	0.289	98
					Front	40620	2593.0	1	49	22.2	21.4	0.252	0.303	0.117	0.141	
								50	24	22.2	21.4	0.259	0.311	0.121	0.145	
	Hotspot	QPSK	Mode B	5	Edge 2	39750	2506.0	1	49	22.2	21.4	0.700	0.842	0.292	0.351	
								50	24	22.2	21.4	0.717	0.862	0.299	0.359	
						40185	2549.5	1	49	22.2	21.2	0.741	0.933	0.308	0.388	
								50	24	22.2	21.2	0.751	0.945	0.311	0.392	99
						40620	2593.0	1	49	22.2	21.4	0.668	0.803	0.277	0.333	
								50	24	22.2	21.4	0.686	0.825	0.285	0.343	
								100	0	22.2	21.1	0.671	0.864	0.278	0.358	
						41055	2636.5	1	49	22.2	21.1	0.621	0.800	0.252	0.325	
								50	24	22.2	21.0	0.650	0.857	0.266	0.351	
						41490	2680.0	1	49	22.2	20.9	0.520	0.701	0.210	0.283	
								50	24	22.2	20.8	0.527	0.727	0.213	0.294	
					Edge 3	40620	2593.0	1	49	22.2	21.4	0.418	0.503	0.160	0.192	
								50	24	22.2	21.4	0.429	0.516	0.165	0.198	
					Edge 4	40620	2593.0	1	49	22.2	21.4	0.046	0.055	0.021	0.025	
								50	24	22.2	21.4	0.048	0.058	0.022	0.026	

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT2	Head	QPSK	Mode A	0	Left Touch	39750	2506.0	1	49	18.6	17.9	0.618	0.726	0.232	0.273	
								50	24	18.6	18.0	0.633	0.727	0.238	0.273	
						40185	2549.5	1	49	18.6	18.1	0.718	0.807	0.268	0.301	
								50	24	18.6	18.1	0.726	0.815	0.270	0.303	
						40620	2593.0	1	49	18.6	18.1	0.758	0.850	0.279	0.313	
								50	24	18.6	18.1	0.785	0.881	0.291	0.327	
								100	0	18.6	18.0	0.778	0.893	0.287	0.330	
						41055	2636.5	1	49	18.6	18.0	0.728	0.836	0.273	0.313	
								50	24	18.6	18.1	0.745	0.836	0.279	0.313	
						41490	2680.0	1	49	18.6	17.7	0.732	0.901	0.265	0.326	
								50	24	18.6	17.7	0.751	0.924	0.271	0.333	100
					Left Tilt	40620	2593.0	1	49	18.6	18.1	0.636	0.714	0.257	0.288	
								50	24	18.6	18.1	0.671	0.753	0.250	0.281	
					Right Touch	39750	2506.0	1	49	18.6	17.9	0.614	0.721	0.231	0.271	
								50	24	18.6	18.0	0.626	0.719	0.235	0.270	
						40185	2549.5	1	49	18.6	18.1	0.644	0.724	0.244	0.274	
								50	24	18.6	18.1	0.649	0.728	0.246	0.276	
						40620	2593.0	1	49	18.6	18.1	0.724	0.812	0.273	0.306	
								50	24	18.6	18.1	0.743	0.834	0.280	0.314	
								100	0	18.6	18.0	0.648	0.744	0.248	0.285	
						41055	2636.5	1	49	18.6	18.0	0.753	0.865	0.281	0.323	
								50	24	18.6	18.1	0.769	0.863	0.286	0.321	
						41490	2680.0	1	49	18.6	17.7	0.693	0.853	0.254	0.312	
								50	24	18.6	17.7	0.707	0.870	0.259	0.319	
					Right Tilt	40620	2593.0	1	49	18.6	18.1	0.618	0.693	0.231	0.259	
								50	24	18.6	18.1	0.664	0.745	0.243	0.273	
	Body & Hotspot	QPSK	Mode B	5	Rear	40620	2593.0	1	49	20.1	19.5	0.485	0.557	0.196	0.225	
								50	24	20.1	19.5	0.491	0.564	0.200	0.230	
					Front	40620	2593.0	1	49	20.1	19.5	0.600	0.689	0.232	0.266	
								50	24	20.1	19.5	0.611	0.702	0.239	0.274	101
	Hotspot	QPSK	Mode B	5	Edge 1	39750	2506.0	1	49	20.1	19.4	0.573	0.673	0.207	0.243	
								50	24	20.1	19.4	0.574	0.674	0.208	0.244	
						40185	2549.5	1	49	20.1	19.5	0.631	0.728	0.229	0.264	
								50	24	20.1	19.5	0.630	0.723	0.228	0.262	
						40620	2593.0	1	49	20.1	19.5	0.705	0.809	0.254	0.292	
								50	24	20.1	19.5	0.724	0.831	0.260	0.299	
								100	0	20.1	19.5	0.717	0.823	0.258	0.296	
						41055	2636.5	1	49	20.1	19.5	0.807	0.927	0.291	0.334	
								50	24	20.1	19.5	0.824	0.946	0.295	0.339	102
						41490	2680.0	1	49	20.1	19.5	0.797	0.915	0.284	0.326	
								50	24	20.1	19.5	0.820	0.941	0.293	0.336	
					Edge 2	40620	2593.0	1	49	20.1	19.5	0.036	0.041	0.013	0.015	
								50	24	20.1	19.5	0.037	0.042	0.014	0.016	
					Edge 4	40620	2593.0	1	49	20.1	19.5	0.143	0.164	0.059	0.068	
								50	24	20.1	19.5	0.147	0.169	0.061	0.070	

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT3	Head	QPSK	Mode A	0	Left Touch	40620	2593.0	1	49	25.7	25.5	0.307	0.321	0.167	0.175	103
								50	24	24.7	24.6	0.246	0.252	0.135	0.138	
					Left Tilt	40620	2593.0	1	49	25.7	25.5	0.125	0.131	0.066	0.069	
								50	24	24.7	24.6	0.100	0.102	0.053	0.054	
					Right Touch	40620	2593.0	1	49	25.7	25.5	0.153	0.160	0.085	0.089	
								50	24	24.7	24.6	0.121	0.124	0.067	0.068	
					Right Tilt	40620	2593.0	1	49	25.7	25.5	0.184	0.193	0.091	0.095	
								50	24	24.7	24.6	0.145	0.148	0.071	0.073	
	Body & Hotspot	QPSK	Mode B	5	Rear	40620	2593.0	1	49	21.2	20.1	0.409	0.527	0.194	0.250	
								50	24	21.2	20.1	0.421	0.542	0.200	0.258	104
					Front	40620	2593.0	1	49	21.2	20.1	0.266	0.343	0.136	0.175	
								50	24	21.2	20.1	0.254	0.327	0.130	0.167	
	Hotspot	QPSK	Mode B	5	Edge 3	40620	2593.0	1	49	21.2	20.1	0.066	0.085	0.031	0.040	
								50	24	21.2	20.1	0.066	0.085	0.031	0.040	
					Edge 4	39750	2506.0	1	49	21.2	20.0	0.403	0.531	0.177	0.233	
								50	24	21.2	20.0	0.398	0.525	0.176	0.232	
						40185	2549.5	1	49	21.2	20.0	0.556	0.733	0.243	0.320	
								50	24	21.2	20.0	0.567	0.747	0.247	0.326	
						40620	2593.0	1	49	21.2	20.1	0.621	0.800	0.269	0.347	
								50	24	21.2	20.1	0.635	0.818	0.274	0.353	
								100	0	21.2	20.0	0.630	0.831	0.272	0.359	
						41055	2636.5	1	49	21.2	20.1	0.693	0.893	0.300	0.386	
								50	24	21.2	20.1	0.719	0.926	0.309	0.398	105
						41490	2680.0	1	49	21.2	20.1	0.703	0.906	0.303	0.390	
								50	24	21.2	20.1	0.718	0.925	0.308	0.397	

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT4	Head	QPSK	Mode A	0	Left Touch	39750	2506.0	1	49	21.5	21.2	0.593	0.635	0.258	0.276	
								50	24	21.5	21.2	0.602	0.645	0.263	0.282	
						40185	2549.5	1	49	21.5	21.2	0.753	0.807	0.343	0.368	
								50	24	21.5	21.2	0.772	0.827	0.350	0.375	
						40620	2593.0	1	49	21.5	21.3	0.772	0.808	0.333	0.349	
								50	24	21.5	21.3	0.790	0.827	0.338	0.354	
								100	0	21.5	21.2	0.791	0.848	0.337	0.361	
						41055	2636.5	1	49	21.5	21.3	0.852	0.892	0.352	0.369	
								50	24	21.5	21.3	0.838	0.877	0.342	0.358	
						41490	2680.0	1	49	21.5	21.3	0.856	0.896	0.349	0.365	
								50	24	21.5	21.2	0.875	0.938	0.349	0.374	106
					Left Tilt	40620	2593.0	1	49	21.5	21.3	0.195	0.204	0.100	0.105	
								50	24	21.5	21.3	0.199	0.208	0.102	0.107	
					Right Touch	40620	2593.0	1	49	21.5	21.3	0.208	0.218	0.106	0.111	
								50	24	21.5	21.3	0.211	0.221	0.107	0.112	
					Right Tilt	40620	2593.0	1	49	21.5	21.3	0.058	0.061	0.030	0.031	
								50	24	21.5	21.3	0.058	0.061	0.030	0.031	
	Body & Hotspot	QPSK	Mode B	5	Rear	40620	2593.0	1	49	20.9	20.4	0.634	0.711	0.268	0.301	
								50	24	20.9	20.4	0.648	0.727	0.273	0.306	107
					Front	40620	2593.0	1	49	20.9	20.4	0.362	0.406	0.162	0.182	
								50	24	20.9	20.4	0.367	0.412	0.163	0.183	
	Hotspot	QPSK	Mode B	5	Edge 1	40620	2593.0	1	49	20.9	20.4	0.033	0.037	0.018	0.020	
								50	24	20.9	20.4	0.036	0.040	0.020	0.022	
					Edge 2	39750	2506.0	1	49	20.9	20.3	0.610	0.700	0.263	0.302	
								50	24	20.9	20.3	0.621	0.713	0.267	0.307	
						40185	2549.5	1	49	20.9	20.3	0.736	0.845	0.296	0.340	
								50	24	20.9	20.3	0.759	0.871	0.304	0.349	
						40620	2593.0	1	49	20.9	20.4	0.772	0.866	0.308	0.346	
								50	24	20.9	20.4	0.785	0.881	0.312	0.350	
								100	0	20.9	20.3	0.780	0.896	0.309	0.355	
						41055	2636.5	1	49	20.9	20.4	0.775	0.870	0.307	0.344	
								50	24	20.9	20.4	0.788	0.884	0.311	0.349	
						41490	2680.0	1	49	20.9	20.4	0.801	0.899	0.317	0.356	
								50	24	20.9	20.3	0.798	0.916	0.314	0.361	108

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Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	PCC UL				SCC UL				Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
						Ch #.	Freq. (MHz)	RB Allocation	RB offest	Ch #.	Freq. (MHz)	RB Allocation	RB offest	Tune-up limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT 1	Head	QPSK	Mode A	0	Right Touch	40521	2583.1	1	99	40719	2602.9	1	0	25.7	24.5	0.096	0.126	0.049	0.065	
	Body	QPSK	Mode B	5	Rear	40521	2583.1	1	99	40719	2602.9	1	0	22.2	21.0	0.289	0.381	0.127	0.167	
	Hotspot	QPSK	Mode B	5	Edge 2	40521	2583.1	1	99	40719	2602.9	1	0	22.2	21.0	0.401	0.529	0.162	0.214	
Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	PCC UL				SCC UL				Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
						Ch #.	Freq. (MHz)	RB Allocation	RB offest	Ch #.	Freq. (MHz)	RB Allocation	RB offest	Tune-up limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT 2	Head	QPSK	Mode A	0	Left Touch	41292	2660.2	1	99	41490	2680.0	1	0	18.6	17.6	0.479	0.603	0.176	0.222	
	Body	QPSK	Mode B	5	Front	40521	2583.1	1	99	40719	2602.9	1	0	20.1	19.0	0.342	0.441	0.131	0.169	
	Hotspot	QPSK	Mode B	5	Edge 1	41292	2660.2	1	99	41490	2680.0	1	0	20.1	19.0	0.461	0.594	0.166	0.214	
Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	PCC UL				SCC UL				Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
						Ch #.	Freq. (MHz)	RB Allocation	RB offest	Ch #.	Freq. (MHz)	RB Allocation	RB offest	Tune-up limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT 3	Head	QPSK	Mode A	0	Left Touch	40521	2583.1	1	99	40719	2602.9	1	0	25.7	24.8	0.167	0.205	0.091	0.112	
	Body	QPSK	Mode B	5	Rear	40521	2583.1	1	99	40719	2602.9	1	0	21.2	20.0	0.201	0.265	0.097	0.128	
	Hotspot	QPSK	Mode B	5	Edge 4	41292	2660.2	1	99	41490	2680.0	1	0	21.2	20.0	0.300	0.395	0.130	0.171	
Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	PCC UL				SCC UL				Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
						Ch #.	Freq. (MHz)	RB Allocation	RB offest	Ch #.	Freq. (MHz)	RB Allocation	RB offest	Tune-up limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT 4	Head	QPSK	Mode A	0	Left Touch	41292	2660.2	1	99	41490	2680.0	1	0	21.5	20.4	0.459	0.591	0.182	0.234	
	Body	QPSK	Mode B	5	Rear	40521	2583.1	1	99	40719	2602.9	1	0	20.9	20.1	0.284	0.341	0.120	0.144	
	Hotspot	QPSK	Mode B	5	Edge 2	41292	2660.2	1	99	41490	2680.0	1	0	20.9	20.1	0.414	0.498	0.163	0.196	

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 Power Class 2 (20MHz Bandwidth)

According to Section 9.4, SAR evaluation for PC2 is only required when its Maximum output power (Tune-up Limit) is higher from PC3.

From May 2017 TCB Workshop, SAR tested were performed using Power Class 3. SAR test for Power Class 2 is tested using the highest SAR test configuration in Power Class 3 for each LTE configuration and exposure condition combination. According to the highest time averaged power for UL-DL configurations, configuration # 1 with duty cycle 43.3% is used for Power Class 2 SAR test.

Additional SAR testing for Power Class 2 is not required when:

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

Reported SAR vs. Output Power linearly scaled

Antenna	RF Exposure Conditions	Power Class 2			Power Class 3				PC2 linearly scaled Reported SAR (W/kg)	Linearly scaled (<10%)
		Duty Cycle	Tune-up Power (dBm)	Frame Avg. Power (mW)	Duty Cycle	Tune-up Power (dBm)	Frame Avg. Power (mW)	Reported 1-g SAR (W/kg)		
ANT1	Head	43.3%	28.70	320.99	63.3%	25.70	235.18	0.302	0.412	36.48%
ANT1	Body & Hotspot	43.3%	23.80	103.87	63.3%	22.20	105.05	0.938	0.927	-1.13%
ANT2	Head	43.3%	20.20	45.34	63.3%	18.60	45.86	0.876	0.866	-1.13%
ANT2	Body & Hotspot	43.3%	21.70	64.05	63.3%	20.10	64.77	0.915	0.905	-1.13%
ANT3	Head	43.3%	28.00	273.20	63.3%	25.70	235.18	0.657	0.763	16.17%
ANT3	Body & Hotspot	43.3%	22.80	82.51	63.3%	21.20	83.45	0.942	0.931	-1.13%
ANT4	Head	43.3%	23.10	88.41	63.3%	21.50	89.41	0.698	0.690	-1.13%
ANT4	Body & Hotspot	43.3%	22.50	77.00	63.3%	20.90	77.88	0.927	0.917	-1.13%

Conclusion:

ANT1 & ANT3 Head SAR test for Power Class 2 is required based on the reported SAR vs. output power linearly scaled >10%. Additional SAR testing for Power Class 2 is required.

Additional SAR testing for Power Class 2

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT1	Head	QPSK	Mode A (PC2)	0	Left Touch	40620	2593.0	1	49	28.7	28.0	0.134	0.157	0.074	0.087	
								50	24	27.7	27.0	0.106	0.125	0.060	0.070	
					Left Tilt	40620	2593.0	1	49	28.7	28.0	0.132	0.155	0.067	0.079	
								50	24	27.7	27.0	0.105	0.123	0.052	0.061	
					Right Touch	40620	2593.0	1	49	28.7	28.0	0.255	0.300	0.135	0.159	325
								50	24	27.7	27.0	0.200	0.235	0.106	0.125	
					Right Tilt	40620	2593.0	1	49	28.7	28.0	0.057	0.067	0.027	0.032	
								50	24	27.7	27.0	0.045	0.053	0.020	0.023	
Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT3	Head	QPSK	Mode A (PC2)	0	Left Touch	40620	2593.0	1	49	28.0	27.6	0.420	0.461	0.236	0.259	326
								50	24	27.0	26.6	0.338	0.371	0.189	0.207	
					Left Tilt	40620	2593.0	1	49	28.0	27.6	0.177	0.194	0.076	0.083	
								50	24	27.0	26.6	0.142	0.156	0.072	0.079	
					Right Touch	40620	2593.0	1	49	28.0	27.6	0.226	0.248	0.125	0.137	
								50	24	27.0	26.6	0.183	0.201	0.101	0.111	
					Right Tilt	40620	2593.0	1	49	28.0	27.6	0.257	0.282	0.131	0.144	
								50	24	27.0	26.6	0.204	0.224	0.103	0.113	

UL CA 41C Power class 2

Antenna	RF Exposure Conditions	Power Class 2			Power Class 3				PC2 linearly scaled Reported SAR (W/kg)	Linearly scaled (<10%)
		Duty Cycle	Tune-up Power (dBm)	Frame Avg. Power (mW)	Duty Cycle	Tune-up Power (dBm)	Frame Avg. Power (mW)	Reported 1-g SAR (W/kg)		
ANT1	Head	43.3%	28.70	320.99	63.3%	25.70	235.18	0.126	0.172	36.48%
ANT1	Body & Hotspot	43.3%	23.80	103.87	63.3%	22.20	105.05	0.529	0.523	-1.13%
ANT2	Head	43.3%	20.20	45.34	63.3%	18.60	45.86	0.603	0.596	-1.13%
ANT2	Body & Hotspot	43.3%	21.70	64.05	63.3%	20.10	64.77	0.594	0.587	-1.13%
ANT3	Head	43.3%	28.00	273.20	63.3%	25.70	235.18	0.205	0.238	16.17%
ANT3	Body & Hotspot	43.3%	22.80	82.51	63.3%	21.20	83.45	0.395	0.391	-1.13%
ANT4	Head	43.3%	23.10	88.41	63.3%	21.50	89.41	0.591	0.584	-1.13%
ANT4	Body & Hotspot	43.3%	22.50	77.00	63.3%	20.90	77.88	0.498	0.492	-1.13%

Conclusion:

ANT1 & ANT3 Head SAR test for Power Class 2 is required based on the reported SAR vs. output power linearly scaled >10%. Additional SAR testing for Power Class 2 is required.

Additional SAR testing for UL CA 41C Power Class 2

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	PCC UL				SCC UL				Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
						Ch #.	Freq. (MHz)	RB Allocation	RB offest	Ch #.	Freq. (MHz)	RB Allocation	RB offest	Tune-up limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT 1	Head	QPSK	Mode A	0	Right Touch	40521	2583.1	1	99	40719	2602.9	1	0	28.7	27.6	0.190	0.245	0.101	0.130	
Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	PCC UL				SCC UL				Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
						Ch #.	Freq. (MHz)	RB Allocation	RB offest	Ch #.	Freq. (MHz)	RB Allocation	RB offest	Tune-up limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT 3	Head	QPSK	Mode A	0	Left Touch	40521	2583.1	1	99	40719	2602.9	1	0	28.0	27.3	0.165	0.194	0.089	0.105	

10.16. LTE Band 48 (20MHz Bandwidth)

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT7	Head	QPSK	Mode A	0	Left Touch	56207	3646.7	1	49	23.9	23.5	0.139	0.152	0.068	0.074	
								50	24	23.9	23.5	0.106	0.116	0.052	0.057	
					Left Tilt	56207	3646.7	1	49	23.9	23.5	0.095	0.105	0.039	0.043	
								50	24	23.9	23.5	0.076	0.084	0.030	0.033	
					Right Touch	56207	3646.7	1	49	23.9	23.5	0.183	0.201	0.083	0.091	109
								50	24	23.9	23.5	0.148	0.162	0.066	0.072	
					Right Tilt	56207	3646.7	1	49	23.9	23.5	0.084	0.092	0.038	0.042	
								50	24	23.9	23.5	0.067	0.073	0.030	0.033	
	Body & Hotspot	QPSK	Mode B	5	Rear	56207	3646.7	1	49	21.6	20.6	0.479	0.603	0.179	0.225	
								50	24	21.6	20.6	0.486	0.612	0.180	0.227	110
					Front	56207	3646.7	1	49	21.6	20.6	0.289	0.364	0.117	0.147	
								50	24	21.6	20.6	0.285	0.359	0.115	0.145	
	Hotspot	QPSK	Mode B	5	Edge 2	56207	3646.7	1	49	21.6	20.6	0.614	0.773	0.230	0.290	111
								50	24	21.6	20.6	0.609	0.767	0.229	0.288	
					Edge 3	56207	3646.7	1	49	21.6	20.6	0.242	0.305	0.074	0.094	
								50	24	21.6	20.6	0.236	0.297	0.072	0.091	

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT8	Head	QPSK	Mode A	0	Left Touch	56207	3646.7	1	49	21.5	20.6	0.172	0.212	0.061	0.075	
								50	24	21.5	20.5	0.176	0.222	0.062	0.078	
					Left Tilt	56207	3646.7	1	49	21.5	20.6	0.213	0.262	0.080	0.098	
								50	24	21.5	20.5	0.213	0.268	0.080	0.101	
					Right Touch	55340	3560.0	1	49	21.5	20.6	0.552	0.679	0.207	0.255	
								50	24	21.5	20.5	0.578	0.728	0.213	0.268	
						55773	3603.3	1	49	21.5	20.5	0.629	0.792	0.222	0.279	
								50	24	21.5	20.5	0.638	0.803	0.225	0.283	
						56207	3646.7	1	49	21.5	20.6	0.663	0.816	0.239	0.294	
								50	24	21.5	20.5	0.666	0.838	0.235	0.296	
								100	0	21.5	20.5	0.659	0.830	0.243	0.306	
						56640	3690.0	1	49	21.5	20.5	0.685	0.862	0.245	0.308	
								50	24	21.5	20.4	0.687	0.885	0.247	0.318	112
					Right Tilt	56207	3646.7	1	49	21.5	20.6	0.637	0.784	0.230	0.283	
								50	24	21.5	20.5	0.629	0.792	0.226	0.285	
	Body & Hotspot	QPSK	Mode B	5	Rear	55340	3560.0	1	49	20.9	20.2	0.720	0.846	0.231	0.271	
								50	24	20.9	20.1	0.743	0.893	0.237	0.285	
						55773	3603.3	1	49	20.9	20.1	0.707	0.850	0.229	0.275	
								50	24	20.9	20.1	0.716	0.861	0.233	0.280	
						56207	3646.7	1	49	20.9	20.2	0.738	0.867	0.250	0.294	
								50	24	20.9	20.1	0.739	0.888	0.249	0.299	
								100	0	20.9	20.1	0.734	0.882	0.248	0.298	
						56640	3690.0	1	49	20.9	20.1	0.722	0.868	0.254	0.305	
								50	24	20.9	20.0	0.730	0.898	0.256	0.315	113
					Front	56207	3646.7	1	49	20.9	20.2	0.247	0.290	0.087	0.102	
								50	24	20.9	20.1	0.248	0.298	0.087	0.104	
	Hotspot	QPSK	Mode B	5	Edge 1	56207	3646.7	1	49	20.9	20.2	0.191	0.224	0.068	0.080	
								50	24	20.9	20.1	0.194	0.233	0.069	0.083	
					Edge 4	56207	3646.7	1	49	20.9	20.2	0.328	0.385	0.118	0.139	
								50	24	20.9	20.1	0.327	0.393	0.119	0.143	

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT9	Head	QPSK	Mode A	0	Left Touch	56207	3646.7	1	49	21.3	20.7	0.164	0.188	0.075	0.086	
								50	24	21.3	20.7	0.170	0.195	0.078	0.089	114
					Left Tilt	56207	3646.7	1	49	21.3	20.7	0.070	0.081	0.031	0.036	
								50	24	21.3	20.7	0.073	0.084	0.032	0.036	
					Right Touch	56207	3646.7	1	49	21.3	20.7	0.075	0.086	0.038	0.044	
								50	24	21.3	20.7	0.072	0.083	0.036	0.042	
					Right Tilt	56207	3646.7	1	49	21.3	20.7	0.136	0.156	0.055	0.063	
								50	24	21.3	20.7	0.140	0.161	0.056	0.064	
	Body & Hotspot	QPSK	Mode B	5	Rear	56207	3646.7	1	49	19.6	18.8	0.544	0.654	0.207	0.249	
								50	24	19.6	18.7	0.543	0.668	0.208	0.256	115
					Front	56207	3646.7	1	49	19.6	18.8	0.324	0.390	0.126	0.151	
								50	24	19.6	18.7	0.324	0.399	0.124	0.153	
	Hotspot	QPSK	Mode B	5	Edge 3	56207	3646.7	1	49	19.6	18.8	0.205	0.246	0.087	0.104	
								50	24	19.6	18.7	0.204	0.251	0.087	0.107	
					Edge 4	55340	3560.0	1	49	19.6	18.8	0.735	0.884	0.280	0.337	
								50	24	19.6	18.7	0.749	0.921	0.286	0.352	
						55773	3603.3	1	49	19.6	18.7	0.721	0.887	0.275	0.338	
								50	24	19.6	18.6	0.738	0.929	0.281	0.354	116
						56207	3646.7	1	49	19.6	18.8	0.748	0.899	0.285	0.343	
								50	24	19.6	18.7	0.743	0.914	0.284	0.349	
								100	0	19.6	18.7	0.739	0.909	0.282	0.347	
						56640	3690.0	1	49	19.6	18.7	0.714	0.878	0.274	0.337	
								50	24	19.6	18.6	0.727	0.915	0.279	0.351	

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT4	Head	QPSK	Mode A	0	Left Touch	55340	3560.0	1	49	21.0	20.2	0.617	0.742	0.233	0.280	
								50	24	21.0	20.1	0.625	0.769	0.235	0.289	
						55773	3603.3	1	49	21.0	20.1	0.603	0.742	0.226	0.278	
								50	24	21.0	20.0	0.618	0.778	0.231	0.291	
						56207	3646.7	1	49	21.0	20.2	0.678	0.815	0.255	0.307	
								50	24	21.0	20.1	0.699	0.860	0.261	0.321	
								100	0	21.0	20.1	0.694	0.854	0.260	0.320	
						56640	3690.0	1	49	21.0	20.0	0.736	0.927	0.275	0.346	
								50	24	21.0	20.0	0.744	0.937	0.277	0.349	117
					Left Tilt	56207	3646.7	1	49	21.0	20.2	0.279	0.335	0.109	0.131	
								50	24	21.0	20.1	0.280	0.344	0.110	0.135	
					Right Touch	56207	3646.7	1	49	21.0	20.2	0.164	0.197	0.078	0.094	
								50	24	21.0	20.1	0.168	0.207	0.080	0.098	
					Right Tilt	56207	3646.7	1	49	21.0	20.2	0.126	0.151	0.054	0.065	
								50	24	21.0	20.1	0.124	0.153	0.053	0.065	
	Body & Hotspot	QPSK	Mode B	5	Rear	56207	3646.7	1	49	22.0	21.5	0.689	0.773	0.266	0.298	
								50	24	22.0	21.5	0.699	0.784	0.270	0.303	118
					Front	56207	3646.7	1	49	22.0	21.5	0.411	0.461	0.158	0.177	
								50	24	22.0	21.5	0.419	0.470	0.159	0.178	
	Hotspot	QPSK	Mode B	5	Edge 1	56207	3646.7	1	49	22.0	21.5	0.144	0.162	0.063	0.071	
								50	24	22.0	21.5	0.149	0.167	0.064	0.072	
					Edge 2	55340	3560.0	1	49	22.0	21.5	0.620	0.696	0.233	0.261	
								50	24	22.0	21.5	0.639	0.717	0.239	0.268	
						55773	3603.3	1	49	22.0	21.4	0.628	0.721	0.235	0.270	
								50	24	22.0	21.4	0.643	0.738	0.239	0.274	
						56207	3646.7	1	49	22.0	21.5	0.748	0.839	0.278	0.312	
								50	24	22.0	21.5	0.768	0.862	0.283	0.318	
								100	0	22.0	21.4	0.763	0.876	0.282	0.324	
						56640	3690.0	1	49	22.0	21.5	0.800	0.898	0.293	0.329	
								50	24	22.0	21.5	0.810	0.909	0.296	0.332	119

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Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	PCC UL				SCC UL				Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
						Ch #.	Freq. (MHz)	RB Allocation	RB offest	Ch #.	Freq. (MHz)	RB Allocation	RB offest	Tune-up limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT 7	Head	QPSK	Mode A	0	Right Touch	55891	3615.1	1	99	56089	3634.9	1	0	23.9	23.0	0.112	0.138	0.050	0.062	
	Body	QPSK	Mode B	5	Rear	55891	3615.1	1	99	56089	3634.9	1	0	21.6	20.3	0.235	0.317	0.089	0.120	
	Hotspot	QPSK	Mode B	5	Edge 2	55891	3615.1	1	99	56089	3634.9	1	0	21.6	20.3	0.371	0.500	0.138	0.186	

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	PCC UL				SCC UL				Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
						Ch #.	Freq. (MHz)	RB Allocation	RB offest	Ch #.	Freq. (MHz)	RB Allocation	RB offest	Tune-up limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT 8	Head	QPSK	Mode A	0	Right Touch	56442	3670.2	1	99	56640	3690.0	1	0	21.5	21.0	0.333	0.374	0.114	0.128	
	Body & Hotspot	QPSK	Mode B	5	Rear	56442	3670.2	1	99	56640	3690.0	1	0	20.9	20.0	0.430	0.529	0.144	0.177	

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	PCC UL				SCC UL				Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
						Ch #.	Freq. (MHz)	RB Allocation	RB offest	Ch #.	Freq. (MHz)	RB Allocation	RB offest	Tune-up limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT 9	Head	QPSK	Mode A	0	Left Touch	55891	3615.1	1	99	56089	3634.9	1	0	21.3	20.5	0.079	0.095	0.031	0.037	
	Body	QPSK	Mode B	5	Rear	55891	3615.1	1	99	56089	3634.9	1	0	19.6	18.9	0.270	0.317	0.110	0.129	
	Hotspot	QPSK	Mode B	5	Edge 4	55891	3615.1	1	99	56089	3634.9	1	0	19.6	18.9	0.359	0.422	0.139	0.163	

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	PCC UL				SCC UL				Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
						Ch #.	Freq. (MHz)	RB Allocation	RB offest	Ch #.	Freq. (MHz)	RB Allocation	RB offest	Tune-up limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT 4	Head	QPSK	Mode A	0	Left Touch	56442	3670.2	1	99	56640	3690.0	1	0	21.0	20.3	0.352	0.414	0.130	0.153	
	Body	QPSK	Mode B	5	Rear	55891	3615.1	1	99	56089	3634.9	1	0	22.0	21.0	0.360	0.453	0.140	0.176	
	Hotspot	QPSK	Mode B	5	Edge 2	56442	3670.2	1	99	56640	3690.0	1	0	22.0	20.8	0.448	0.591	0.165	0.218	

Note(s):

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

10.17. LTE Band 53 (10MHz Bandwidth)

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT1	Head	QPSK	Mode A	0	Left Touch	60197	2489.2	1	25	20.7	20.3	0.040	0.044	0.024	0.026	
								25	12	20.7	20.3	0.040	0.044	0.022	0.024	
					Left Tilt	60197	2489.2	1	25	20.7	20.3	0.035	0.038	0.020	0.022	
								25	12	20.7	20.3	0.035	0.038	0.020	0.022	
					Right Touch	60197	2489.2	1	25	20.7	20.3	0.070	0.077	0.039	0.043	
								25	12	20.7	20.3	0.071	0.078	0.039	0.043	120
					Right Tilt	60197	2489.2	1	25	20.7	20.3	0.024	0.026	0.012	0.013	
								25	12	20.7	20.3	0.023	0.025	0.013	0.014	
	Body & Hotspot	QPSK	Mode B	5	Rear	60197	2489.2	1	25	20.7	20.3	0.388	0.425	0.166	0.182	
								25	12	20.7	20.3	0.392	0.430	0.171	0.187	121
					Front	60197	2489.2	1	25	20.7	20.3	0.255	0.280	0.116	0.127	
								25	12	20.7	20.3	0.260	0.285	0.118	0.129	
	Hotspot	QPSK	Mode B	5	Edge 2	60197	2489.2	1	25	20.7	20.3	0.352	0.386	0.150	0.164	
								25	12	20.7	20.3	0.376	0.412	0.158	0.173	
					Edge 3	60197	2489.2	1	25	20.7	20.3	0.373	0.409	0.141	0.155	
								25	12	20.7	20.3	0.406	0.445	0.154	0.169	122
					Edge 4	60197	2489.2	1	25	20.7	20.3	0.049	0.054	0.024	0.026	
								25	12	20.7	20.3	0.050	0.055	0.025	0.027	

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT2	Head	QPSK	Mode A	0	Left Touch	60197	2489.2	1	25	18.6	18.2	0.822	0.912	0.329	0.365	123
								25	12	18.6	18.2	0.826	0.906	0.330	0.362	
								50	0	18.6	18.2	0.818	0.897	0.327	0.359	
					Left Tilt	60197	2489.2	1	25	18.6	18.2	0.747	0.829	0.293	0.325	
								25	12	18.6	18.2	0.743	0.815	0.291	0.319	
								50	0	18.6	18.2	0.737	0.808	0.290	0.318	
					Right Touch	60197	2489.2	1	25	18.6	18.2	0.798	0.885	0.328	0.364	
								25	12	18.6	18.2	0.805	0.883	0.328	0.360	
								50	0	18.6	18.2	0.795	0.872	0.323	0.354	
					Right Tilt	60197	2489.2	1	25	18.6	18.2	0.676	0.750	0.272	0.302	
								25	12	18.6	18.2	0.677	0.742	0.273	0.299	
	Body & Hotspot	QPSK	Mode B	5	Rear	60197	2489.2	1	25	20.1	19.5	0.386	0.443	0.159	0.183	
								25	12	20.1	19.4	0.396	0.465	0.163	0.192	
					Front	60197	2489.2	1	25	20.1	19.5	0.705	0.809	0.288	0.331	
								25	12	20.1	19.4	0.726	0.853	0.296	0.348	124
								50	0	20.1	19.4	0.717	0.842	0.291	0.342	
	Hotspot	QPSK	Mode B	5	Edge 1	60197	2489.2	1	25	20.1	19.5	0.392	0.450	0.143	0.164	
								25	12	20.1	19.4	0.452	0.531	0.164	0.193	
					Edge 2	60197	2489.2	1	25	20.1	19.5	0.046	0.053	0.020	0.023	
								25	12	20.1	19.4	0.047	0.055	0.020	0.023	
					Edge 4	60197	2489.2	1	25	20.1	19.5	0.271	0.311	0.130	0.149	
								25	12	20.1	19.4	0.258	0.303	0.125	0.147	

10.18. LTE Band 66 (20MHz Bandwidth)

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT1	Head	QPSK	Mode A	0	Left Touch	132322	1745.0	1	49	25.2	25.2	0.036	0.036	0.023	0.023	
								50	24	24.7	24.2	0.019	0.021	0.008	0.010	
					Left Tilt	132322	1745.0	1	49	25.2	25.2	0.041	0.041	0.024	0.024	
								50	24	24.7	24.2	0.026	0.029	0.014	0.016	
					Right Touch	132322	1745.0	1	49	25.2	25.2	0.111	0.111	0.071	0.071	125
								50	24	24.7	24.2	0.078	0.088	0.052	0.058	
					Right Tilt	132322	1745.0	1	49	25.2	25.2	0.051	0.051	0.028	0.028	
								50	24	24.7	24.2	0.045	0.050	0.026	0.029	
	Body & Hotspot	QPSK	Mode B	5	Rear	132322	1745.0	1	49	19.1	18.5	0.520	0.597	0.248	0.285	126
								50	24	19.1	18.3	0.487	0.586	0.230	0.277	
					Front	132322	1745.0	1	49	19.1	18.5	0.335	0.385	0.166	0.191	
								50	24	19.1	18.3	0.334	0.402	0.165	0.198	
	Hotspot	QPSK	Mode B	5	Edge 2	132322	1745.0	1	49	19.1	18.5	0.116	0.133	0.065	0.075	
								50	24	19.1	18.3	0.113	0.136	0.063	0.076	
					Edge 3	132072	1720.0	1	49	19.1	18.5	0.663	0.761	0.300	0.344	
								50	24	19.1	18.2	0.661	0.813	0.299	0.368	
						132322	1745.0	1	49	19.1	18.5	0.723	0.830	0.329	0.378	
								50	24	19.1	18.3	0.726	0.873	0.330	0.397	
								100	0	19.1	18.4	0.723	0.849	0.328	0.385	
						132572	1770.0	1	49	19.1	18.4	0.726	0.853	0.333	0.391	
								50	24	19.1	18.2	0.714	0.878	0.326	0.401	127
					Edge 4	132322	1745.0	1	49	19.1	18.5	0.036	0.042	0.018	0.020	
								50	24	19.1	18.3	0.036	0.043	0.017	0.020	

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT2	Head	QPSK	Mode A	0	Left Touch	132322	1745.0	1	49	19.2	18.8	0.363	0.398	0.227	0.249	
								50	24	19.2	18.7	0.363	0.407	0.216	0.242	
					Left Tilt	132322	1745.0	1	49	19.2	18.8	0.215	0.236	0.126	0.138	
								50	24	19.2	18.7	0.214	0.240	0.126	0.141	
					Right Touch	132072	1720.0	1	49	19.2	18.8	0.598	0.656	0.337	0.370	
								50	24	19.2	18.7	0.597	0.670	0.337	0.378	
						132322	1745.0	1	49	19.2	18.8	0.760	0.833	0.456	0.500	
								50	24	19.2	18.7	0.764	0.857	0.460	0.516	
								100	0	19.2	18.7	0.772	0.866	0.467	0.524	128
						132572	1770.0	1	49	19.2	18.8	0.701	0.769	0.405	0.444	
								50	24	19.2	18.7	0.706	0.792	0.397	0.445	
					Right Tilt	132322	1745.0	1	49	19.2	18.8	0.493	0.541	0.259	0.284	
								50	24	19.2	18.7	0.511	0.573	0.264	0.296	
	Body & Hotspot	QPSK	Mode B	5	Rear	132322	1745.0	1	49	19.6	18.9	0.632	0.743	0.293	0.344	
						132322	1745.0	1	49	19.6	18.9	0.684	0.804	0.313	0.368	
								50	24	19.6	18.9	0.647	0.760	0.289	0.340	
						132572	1770.0	1	49	19.6	18.8	0.775	0.932	0.362	0.435	129
					Front	132322	1745.0	1	49	19.6	18.9	0.400	0.470	0.216	0.254	
								50	24	19.6	18.9	0.402	0.472	0.218	0.256	
	Hotspot	QPSK	Mode B	5	Edge 1	132322	1745.0	1	49	19.6	18.9	0.364	0.428	0.158	0.186	
								50	24	19.6	18.9	0.458	0.538	0.194	0.228	
					Edge 2	132322	1745.0	1	49	19.6	18.9	0.021	0.024	0.011	0.013	
								50	24	19.6	18.9	0.020	0.023	0.010	0.012	
					Edge 4	132322	1745.0	1	49	19.6	18.9	0.484	0.569	0.268	0.315	
								50	24	19.6	18.9	0.485	0.570	0.267	0.314	

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT3	Head	QPSK	Mode A	0	Left Touch	132322	1745.0	1	49	25.2	24.9	0.414	0.447	0.272	0.293	130
								50	24	24.2	23.9	0.328	0.352	0.214	0.230	
					Left Tilt	132322	1745.0	1	49	25.2	24.9	0.112	0.121	0.074	0.080	
								50	24	24.2	23.9	0.142	0.153	0.094	0.101	
					Right Touch	132322	1745.0	1	49	25.2	24.9	0.196	0.211	0.128	0.138	
								50	24	24.2	23.9	0.152	0.163	0.086	0.092	
					Right Tilt	132322	1745.0	1	49	25.2	24.9	0.157	0.169	0.101	0.109	
								50	24	24.2	23.9	0.137	0.147	0.086	0.092	
	Body & Hotspot	QPSK	Mode B	5	Rear	132322	1745.0	1	49	20.7	20.2	0.489	0.549	0.273	0.306	
								50	24	20.7	20.1	0.494	0.567	0.280	0.321	131
					Front	132322	1745.0	1	49	20.7	20.2	0.346	0.388	0.189	0.212	
								50	24	20.7	20.1	0.334	0.383	0.183	0.210	
	Hotspot	QPSK	Mode B	5	Edge 3	132322	1745.0	1	49	20.7	20.2	0.109	0.122	0.053	0.060	
								50	24	20.7	20.1	0.110	0.126	0.054	0.062	
					Edge 4	132072	1720.0	1	49	20.7	20.1	0.727	0.835	0.372	0.427	
								50	24	20.7	20.1	0.731	0.839	0.373	0.428	
						132322	1745.0	1	49	20.7	20.2	0.722	0.810	0.366	0.411	
								50	24	20.7	20.1	0.723	0.830	0.367	0.421	
								100	0	20.7	20.0	0.718	0.844	0.365	0.429	
						132572	1770.0	1	49	20.7	20.1	0.767	0.881	0.386	0.443	132
								50	24	20.7	20.1	0.752	0.863	0.378	0.434	

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT4	Head	QPSK	Mode A	0	Left Touch	132072	1720.0	1	49	20.3	19.8	0.796	0.893	0.407	0.457	
								50	24	20.3	19.8	0.830	0.931	0.411	0.461	133
						132322	1745.0	1	49	20.3	19.8	0.785	0.883	0.393	0.442	
								50	24	20.3	19.8	0.794	0.891	0.394	0.442	
								100	0	20.3	19.6	0.740	0.869	0.377	0.443	
						132572	1770.0	1	49	20.3	19.8	0.798	0.895	0.408	0.458	
								50	24	20.3	19.6	0.780	0.916	0.399	0.469	
					Left Tilt	132322	1745.0	1	49	20.3	19.8	0.266	0.299	0.139	0.156	
								50	24	20.3	19.8	0.272	0.305	0.141	0.158	
					Right Touch	132322	1745.0	1	49	20.3	19.8	0.300	0.337	0.169	0.190	
								50	24	20.3	19.8	0.299	0.335	0.169	0.190	
					Right Tilt	132322	1745.0	1	49	20.3	19.8	0.178	0.200	0.101	0.114	
								50	24	20.3	19.8	0.178	0.200	0.102	0.114	
	Body & Hotspot	QPSK	Mode B	5	Rear	132322	1745.0	1	49	20.4	19.8	0.574	0.661	0.277	0.319	134
								50	24	20.4	19.8	0.563	0.646	0.271	0.311	
					Front	132322	1745.0	1	49	20.4	19.8	0.351	0.404	0.182	0.209	
								50	24	20.4	19.8	0.348	0.400	0.180	0.207	
	Hotspot	QPSK	Mode B	5	Edge 1	132322	1745.0	1	49	20.4	19.8	0.153	0.176	0.081	0.093	
								50	24	20.4	19.8	0.153	0.176	0.080	0.092	
					Edge 2	132072	1720.0	1	49	20.4	19.8	0.683	0.784	0.330	0.379	
								50	24	20.4	19.8	0.691	0.793	0.332	0.381	
						132322	1745.0	1	49	20.4	19.8	0.695	0.800	0.333	0.383	
								50	24	20.4	19.8	0.698	0.801	0.333	0.382	
								100	0	20.4	19.6	0.691	0.831	0.330	0.397	
						132572	1770.0	1	49	20.4	19.8	0.777	0.892	0.368	0.423	
								50	24	20.4	19.6	0.767	0.922	0.362	0.435	135

10.19. LTE Band 71 (20MHz Bandwidth)

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT1	Head	QPSK	Mode A	0	Left Touch	133297	680.5	1	49	25.7	25.3	0.111	0.122	0.087	0.095	
								50	24	24.7	24.2	0.080	0.090	0.063	0.071	
					Left Tilt	133297	680.5	1	49	25.7	25.3	0.044	0.048	0.035	0.038	
								50	24	24.7	24.2	0.033	0.037	0.026	0.029	
					Right Touch	133297	680.5	1	49	25.7	25.3	0.133	0.146	0.097	0.106	136
								50	24	24.7	24.2	0.103	0.116	0.076	0.085	
					Right Tilt	133297	680.5	1	49	25.7	25.3	0.045	0.049	0.035	0.038	
								50	24	24.7	24.2	0.034	0.038	0.026	0.029	
	Body & Hotspot	QPSK	Mode B	5	Rear	133297	680.5	1	49	25.7	25.3	0.463	0.508	0.244	0.268	137
								50	24	24.7	24.2	0.372	0.417	0.195	0.219	
					Front	133297	680.5	1	49	25.7	25.3	0.271	0.297	0.155	0.170	
								50	24	24.7	24.2	0.218	0.245	0.124	0.139	
	Hotspot	QPSK	Mode B	5	Edge 2	133297	680.5	1	49	25.7	25.3	0.417	0.457	0.242	0.265	
								50	24	24.7	24.2	0.338	0.379	0.197	0.221	
					Edge 3	133297	680.5	1	49	25.7	25.3	0.319	0.350	0.133	0.146	
								50	24	24.7	24.2	0.254	0.285	0.105	0.118	
					Edge 4	133297	680.5	1	49	25.7	25.3	0.153	0.168	0.099	0.109	
								50	24	24.7	24.2	0.125	0.140	0.081	0.091	

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT2	Head	QPSK	Mode A	0	Left Touch	133297	680.5	1	49	23.1	22.3	0.704	0.846	0.386	0.464	138
								50	24	23.1	22.3	0.688	0.827	0.378	0.454	
								100	0	23.1	22.2	0.502	0.618	0.294	0.362	
					Left Tilt	133297	680.5	1	49	23.1	22.3	0.597	0.718	0.299	0.359	
								50	24	23.1	22.3	0.579	0.696	0.288	0.346	
					Right Touch	133297	680.5	1	49	23.1	22.3	0.689	0.828	0.414	0.498	
								50	24	23.1	22.3	0.664	0.798	0.399	0.480	
					Right Tilt	133297	680.5	1	49	23.1	22.3	0.566	0.680	0.296	0.356	
								50	24	23.1	22.3	0.533	0.641	0.279	0.335	
	Body & Hotspot	QPSK	Mode B	5	Rear	133297	680.5	1	49	24.7	24.2	0.460	0.516	0.270	0.303	139
								50	24	23.7	23.3	0.356	0.390	0.208	0.228	
					Front	133297	680.5	1	49	24.7	24.2	0.242	0.272	0.154	0.173	
								50	24	23.7	23.3	0.187	0.205	0.119	0.130	
	Hotspot	QPSK	Mode B	5	Edge 1	133297	680.5	1	49	24.7	24.2	0.191	0.214	0.092	0.103	
								50	24	23.7	23.3	0.161	0.177	0.077	0.084	
					Edge 2	133297	680.5	1	49	24.7	24.2	0.138	0.155	0.091	0.102	
								50	24	23.7	23.3	0.112	0.123	0.073	0.080	
					Edge 4	133297	680.5	1	49	24.7	24.2	0.244	0.274	0.162	0.182	
								50	24	23.7	23.3	0.196	0.215	0.130	0.143	

SAR Testing for 5G Bands was performed in one of two ways:

1.) If the 5G Band has a LTE equivalent Band, such as LTE Band 5 for 5G Band n5; then spot-checks were performed on the worst-case position per Exposure Condition per Antenna. If the Reported SAR Result for the 5G spot-check is ≤ the Reported SAR result of the LTE equivalent Band, then no further testing is required. If the value is more than 10% greater than the LTE equivalent Band, full testing is required.

2.) If there is no LTE equivalent Band supported on this device, then full testing is required for that band.

10.20. 5G NR Band n5 (20MHz Bandwidth)

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Touch	167300	836.5	1	52	25.7	25.2	0.119	0.134	0.089	0.099	
								50	25	25.7	25.2	0.068	0.077	0.051	0.058	
					Left Tilt	167300	836.5	1	52	25.7	25.2	0.077	0.086	0.057	0.064	
								50	25	25.7	25.2	0.036	0.040	0.027	0.031	
					Right Touch	167300	836.5	1	52	25.7	25.2	0.181	0.203	0.133	0.149	193
								50	25	25.7	25.2	0.096	0.107	0.069	0.077	
					Right Tilt	167300	836.5	1	52	25.7	25.2	0.091	0.103	0.068	0.076	
								50	25	25.7	25.2	0.046	0.052	0.034	0.038	
	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Rear	167300	836.5	1	52	24.0	23.4	0.631	0.724	0.325	0.373	194
								50	25	24.0	23.5	0.510	0.572	0.272	0.305	
					Front	167300	836.5	1	52	24.0	23.4	0.399	0.458	0.213	0.245	
								50	25	24.0	23.5	0.325	0.365	0.176	0.197	
	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge 2	167300	836.5	1	52	24.0	23.4	0.242	0.278	0.121	0.139	
								50	25	24.0	23.5	0.227	0.255	0.115	0.129	
					Edge 3	167300	836.5	1	52	24.0	23.4	0.491	0.564	0.220	0.253	
								50	25	24.0	23.5	0.418	0.469	0.185	0.208	
					Edge 4	167300	836.5	1	52	24.0	23.4	0.070	0.080	0.045	0.052	
								50	25	24.0	23.5	0.063	0.071	0.041	0.046	

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Touch	167300	836.5	1	52	22.5	21.8	0.507	0.596	0.325	0.382	
								50	25	22.5	21.8	0.434	0.510	0.285	0.335	
					Left Tilt	167300	836.5	1	52	22.5	21.8	0.379	0.445	0.211	0.248	
								50	25	22.5	21.8	0.360	0.423	0.202	0.237	
					Right Touch	167300	836.5	1	52	22.5	21.8	0.565	0.664	0.346	0.407	195
								50	25	22.5	21.8	0.514	0.604	0.321	0.377	
					Right Tilt	167300	836.5	1	52	22.5	21.8	0.350	0.411	0.195	0.229	
								50	25	22.5	21.8	0.316	0.371	0.175	0.206	
	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Rear	167300	836.5	1	52	24.7	24.3	0.795	0.872	0.482	0.529	196
								50	25	24.7	24.3	0.366	0.401	0.225	0.247	
					Front	167300	836.5	1	52	24.7	24.3	0.441	0.484	0.279	0.306	
								50	25	24.7	24.3	0.234	0.257	0.149	0.163	
	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge 1	167300	836.5	1	52	24.7	24.3	0.304	0.333	0.158	0.173	
								50	25	24.7	24.3	0.167	0.183	0.087	0.095	
					Edge 2	167300	836.5	1	52	24.7	24.3	0.191	0.209	0.124	0.136	
								50	25	24.7	24.3	0.093	0.102	0.060	0.066	
					Edge 4	167300	836.5	1	52	24.7	24.3	0.123	0.135	0.066	0.073	
								50	25	24.7	24.3	0.063	0.069	0.033	0.036	

10.21. 5G NR Band n7 (40MHz Bandwidth)

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Touch	507000	2535.0	1	107	25.3	25.1	0.131	0.137	0.063	0.066	
								108	54	25.3	25.1	0.139	0.146	0.067	0.070	
					Left Tilt	507000	2535.0	1	107	25.3	25.1	0.166	0.174	0.087	0.091	
								108	54	25.3	25.1	0.161	0.169	0.085	0.089	
					Right Touch	507000	2535.0	1	107	25.3	25.1	0.264	0.276	0.141	0.148	197
								108	54	25.3	25.1	0.239	0.250	0.129	0.135	
					Right Tilt	507000	2535.0	1	107	25.3	25.1	0.100	0.104	0.051	0.054	
								108	54	25.3	25.1	0.095	0.099	0.047	0.050	
	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Rear	507000	2535.0	1	107	19.7	19.7	0.555	0.555	0.244	0.244	198
								108	54	19.7	19.6	0.515	0.527	0.228	0.233	
					Front	507000	2535.0	1	107	19.7	19.7	0.367	0.367	0.139	0.139	
								108	54	19.7	19.6	0.341	0.349	0.153	0.157	
	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge 2	507000	2535.0	1	107	19.7	19.7	0.743	0.743	0.304	0.304	
								108	54	19.7	19.6	0.735	0.752	0.302	0.309	199
					Edge 3	507000	2535.0	1	107	19.7	19.7	0.498	0.498	0.183	0.183	
								108	54	19.7	19.6	0.485	0.496	0.179	0.183	
					Edge 4	507000	2535.0	1	107	19.7	19.7	0.077	0.077	0.034	0.034	
								108	54	19.7	19.6	0.077	0.078	0.034	0.034	
Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Touch	507000	2535.0	1	107	16.9	16.4	0.813	0.912	0.310	0.348	
								108	54	16.9	16.4	0.826	0.927	0.314	0.352	200
					Left Tilt	507000	2535.0	1	107	16.9	16.4	0.755	0.847	0.281	0.315	
								108	54	16.9	16.4	0.750	0.842	0.276	0.310	
					Right Touch	507000	2535.0	1	107	16.9	16.4	0.810	0.909	0.311	0.349	
								108	54	16.9	16.4	0.798	0.895	0.303	0.340	
					Right Tilt	507000	2535.0	1	107	16.9	16.4	0.618	0.693	0.231	0.259	
								108	54	16.9	16.4	0.645	0.724	0.237	0.266	
	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Rear	507000	2535.0	1	107	18.1	17.5	0.508	0.583	0.194	0.223	
								108	54	18.1	17.5	0.521	0.598	0.199	0.228	
					Front	507000	2535.0	1	107	18.1	17.5	0.613	0.704	0.231	0.265	201
								108	54	18.1	17.5	0.576	0.661	0.217	0.249	
	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge 1	507000	2535.0	1	107	18.1	17.5	0.774	0.889	0.276	0.317	202
								108	54	18.1	17.5	0.702	0.806	0.252	0.289	
					Edge 2	507000	2535.0	1	107	18.1	17.5	0.059	0.067	0.022	0.025	
								108	54	18.1	17.5	0.056	0.064	0.021	0.024	
					Edge 4	507000	2535.0	1	107	18.1	17.5	0.187	0.215	0.085	0.098	
								108	54	18.1	17.5	0.183	0.210	0.083	0.095	
Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Touch	507000	2535.0	1	107	24.5	24.3	0.296	0.310	0.168	0.176	
								108	54	24.5	24.3	0.354	0.371	0.201	0.210	203
					Left Tilt	507000	2535.0	1	107	24.5	24.3	0.133	0.139	0.068	0.071	
								108	54	24.5	24.3	0.165	0.173	0.086	0.090	
					Right Touch	507000	2535.0	1	107	24.5	24.3	0.199	0.208	0.086	0.090	
								108	54	24.5	24.3	0.189	0.198	0.104	0.109	
					Right Tilt	507000	2535.0	1	107	24.5	24.3	0.299	0.313	0.149	0.156	
								108	54	24.5	24.3	0.264	0.276	0.133	0.139	
	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Rear	507000	2535.0	1	107	20.6	20.5	0.592	0.606	0.288	0.295	204
								108	54	20.6	20.4	0.562	0.588	0.270	0.283	
					Front	507000	2535.0	1	107	20.6	20.5	0.400	0.409	0.205	0.210	
								108	54	20.6	20.4	0.401	0.420	0.204	0.214	
	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge 3	507000	2535.0	1	107	20.6	20.5	0.066	0.068	0.030	0.031	
								108	54	20.6	20.4	0.082	0.086	0.039	0.041	
					Edge 4	507000	2535.0	1	107	20.6	20.5	0.829	0.848	0.360	0.368	
								108	54	20.6	20.4	0.828	0.867	0.358	0.375	205
Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Touch	507000	2535.0	1	107	19.1	18.5	0.724	0.831	0.332	0.381	206
								108	54	19.1	18.5	0.660	0.758	0.304	0.349	
					Left Tilt	507000	2535.0	1	107	19.1	18.5	0.139	0.160	0.067	0.077	
								108	54	19.1	18.5	0.134	0.154	0.064	0.074	
					Right Touch	507000	2535.0	1	107	19.1	18.5	0.237	0.272	0.118	0.135	
								108	54	19.1	18.5	0.225	0.258	0.112	0.129	
					Right Tilt	507000	2535.0	1	107	19.1	18.5	0.058	0.067	0.030	0.035	
								108	54	19.1	18.5	0.038	0.044	0.017	0.020	
	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Rear	507000	2535.0	1	107	18.8	18.5	0.542	0.581	0.228	0.244	207
								108	54	18.8	18.5	0.462	0.495	0.197	0.211	
					Front	507000	2535.0	1	107	18.8	18.5	0.423	0.453	0.179	0.192	
								108	54	18.8	18.5	0.347	0.372	0.150	0.161	
	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge 1	507000	2535.0	1	107	18.8	18.5	0.033	0.035	0.012	0.012	
								108	54	18.8	18.5	0.034	0.037	0.012	0.013	
					Edge 2	507000	2535.0	1	107	18.8	18.5	0.828	0.887	0.324	0.347	
								108	54	18.8	18.5	0.846	0.907	0.329	0.353	208

10.22. 5G NR Band n12 (15MHz Bandwidth)

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Touch	141500	707.5	1	39	25.7	25.2	0.144	0.162	0.113	0.127	
								36	18	25.7	25.0	0.123	0.145	0.098	0.115	
					Left Tilt	141500	707.5	1	39	25.7	25.2	0.078	0.088	0.064	0.072	
								36	18	25.7	25.0	0.064	0.075	0.052	0.061	
					Right Touch	141500	707.5	1	39	25.7	25.2	0.136	0.153	0.107	0.120	
								36	18	25.7	25.0	0.142	0.167	0.110	0.129	209
					Right Tilt	141500	707.5	1	39	25.7	25.2	0.068	0.077	0.054	0.061	
								36	18	25.7	25.0	0.069	0.082	0.056	0.065	
	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Rear	141500	707.5	1	39	25.7	25.2	0.516	0.579	0.270	0.303	
								36	18	25.7	25.0	0.613	0.720	0.309	0.363	210
					Front	141500	707.5	1	39	25.7	25.2	0.300	0.337	0.174	0.195	
								36	18	25.7	25.0	0.291	0.342	0.171	0.201	
	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge 2	141500	707.5	1	39	25.7	25.2	0.463	0.519	0.264	0.296	
								36	18	25.7	25.0	0.407	0.478	0.234	0.275	
					Edge 3	141500	707.5	1	39	25.7	25.2	0.390	0.438	0.159	0.178	
								36	18	25.7	25.0	0.383	0.450	0.156	0.183	
					Edge 4	141500	707.5	1	39	25.7	25.2	0.250	0.281	0.162	0.182	
								36	18	25.7	25.0	0.217	0.255	0.142	0.167	

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Touch	141500	707.5	1	39	23.0	22.3	0.456	0.536	0.278	0.327	
								36	18	23.0	22.3	0.590	0.693	0.332	0.390	
					Left Tilt	141500	707.5	1	39	23.0	22.3	0.490	0.576	0.254	0.298	
								36	18	23.0	22.3	0.495	0.582	0.252	0.296	
					Right Touch	141500	707.5	1	39	23.0	22.3	0.618	0.726	0.376	0.442	211
								36	18	23.0	22.3	0.449	0.528	0.283	0.332	
					Right Tilt	141500	707.5	1	39	23.0	22.3	0.411	0.483	0.224	0.263	
								36	18	23.0	22.3	0.417	0.490	0.223	0.262	
	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Rear	141500	707.5	1	39	24.7	24.3	0.449	0.492	0.268	0.294	212
								36	18	24.7	24.2	0.425	0.477	0.255	0.286	
					Front	141500	707.5	1	39	24.7	24.3	0.299	0.328	0.195	0.214	
								36	18	24.7	24.2	0.275	0.309	0.180	0.202	
	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge 1	141500	707.5	1	39	24.7	24.3	0.237	0.260	0.117	0.128	
								36	18	24.7	24.2	0.226	0.254	0.111	0.125	
					Edge 2	141500	707.5	1	39	24.7	24.3	0.191	0.209	0.126	0.138	
								36	18	24.7	24.2	0.181	0.203	0.120	0.135	
					Edge 4	141500	707.5	1	39	24.7	24.3	0.268	0.294	0.176	0.193	
								36	18	24.7	24.2	0.246	0.276	0.162	0.182	

10.23. 5G NR Band n14 (10MHz Bandwidth)

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Touch	158600	793.0	1	25	25.7	24.9	0.131	0.157	0.103	0.124	
								25	12	25.7	24.8	0.123	0.151	0.098	0.121	
					Left Tilt	158600	793.0	1	25	25.7	24.9	0.084	0.101	0.066	0.080	
								25	12	25.7	24.8	0.090	0.111	0.071	0.087	
					Right Touch	158600	793.0	1	25	25.7	24.9	0.167	0.201	0.129	0.155	213
								25	12	25.7	24.8	0.160	0.197	0.125	0.154	
					Right Tilt	158600	793.0	1	25	25.7	24.9	0.094	0.113	0.074	0.089	
								25	12	25.7	24.8	0.091	0.112	0.073	0.090	
	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Rear	158600	793.0	1	25	25.4	24.9	0.656	0.736	0.339	0.380	214
								25	12	25.4	24.8	0.638	0.733	0.332	0.381	
					Front	158600	793.0	1	25	25.4	24.9	0.446	0.500	0.239	0.268	
								25	12	25.4	24.8	0.383	0.440	0.208	0.239	
	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge 2	158600	793.0	1	25	25.4	24.9	0.413	0.463	0.200	0.224	
								25	12	25.4	24.8	0.457	0.525	0.295	0.339	
					Edge 3	158600	793.0	1	25	25.4	24.9	0.615	0.690	0.259	0.291	
								25	12	25.4	24.8	0.633	0.727	0.264	0.303	
					Edge 4	158600	793.0	1	25	25.4	24.9	0.137	0.154	0.088	0.099	
								25	12	25.4	24.8	0.132	0.152	0.085	0.098	

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Touch	158600	793.0	1	25	23.7	23.1	0.626	0.719	0.365	0.419	
								25	12	23.7	23.0	0.717	0.842	0.407	0.478	215
					Left Tilt	158600	793.0	1	25	23.7	23.1	0.502	0.576	0.260	0.299	
								25	12	23.7	23.0	0.515	0.605	0.267	0.314	
					Right Touch	158600	793.0	1	25	23.7	23.1	0.619	0.711	0.359	0.412	
								25	12	23.7	23.0	0.639	0.751	0.375	0.441	
					Right Tilt	158600	793.0	1	25	23.7	23.1	0.428	0.491	0.224	0.257	
								25	12	23.7	23.0	0.459	0.539	0.240	0.282	
	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Rear	158600	793.0	1	25	24.7	24.0	0.470	0.552	0.285	0.335	
								25	12	24.7	24.0	0.585	0.687	0.350	0.411	216
					Front	158600	793.0	1	25	24.7	24.0	0.428	0.503	0.257	0.302	
								25	12	24.7	24.0	0.403	0.473	0.241	0.283	
	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge 1	158600	793.0	1	25	24.7	24.0	0.280	0.329	0.136	0.160	
								25	12	24.7	24.0	0.264	0.310	0.128	0.150	
					Edge 2	158600	793.0	1	25	24.7	24.0	0.169	0.199	0.111	0.130	
								25	12	24.7	24.0	0.183	0.215	0.118	0.139	
					Edge 4	158600	793.0	1	25	24.7	24.0	0.109	0.128	0.070	0.082	
								25	12	24.7	24.0	0.098	0.115	0.045	0.053	

10.24. 5G NR Band n25 (40MHz Bandwidth)

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Touch	376500	1882.5	1	107	25.7	25.2	0.170	0.191	0.109	0.122	
								108	54	25.7	25.2	0.168	0.188	0.108	0.121	
					Left Tilt	376500	1882.5	1	107	25.7	25.2	0.121	0.136	0.077	0.086	
								108	54	25.7	25.2	0.116	0.130	0.073	0.082	
					Right Touch	376500	1882.5	1	107	25.7	25.2	0.371	0.416	0.231	0.259	217
								108	54	25.7	25.2	0.347	0.389	0.216	0.242	
					Right Tilt	376500	1882.5	1	107	25.7	25.2	0.116	0.130	0.073	0.082	
								108	54	25.7	25.2	0.111	0.125	0.071	0.080	
	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Rear	376500	1882.5	1	107	21.5	21.5	0.783	0.783	0.408	0.408	218
								108	54	21.5	21.5	0.682	0.682	0.357	0.357	
					Front	376500	1882.5	1	107	21.5	21.5	0.496	0.496	0.269	0.269	
								108	54	21.5	21.5	0.552	0.552	0.296	0.296	
	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge 2	376500	1882.5	1	107	21.5	21.5	0.712	0.712	0.365	0.365	
								108	54	21.5	21.5	0.718	0.718	0.366	0.366	
					Edge 3	376500	1882.5	1	107	21.5	21.5	0.782	0.782	0.344	0.344	
								108	54	21.5	21.5	0.789	0.789	0.342	0.342	219
					Edge 4	376500	1882.5	1	107	21.5	21.5	0.032	0.032	0.017	0.017	
								108	54	21.5	21.5	0.023	0.023	0.011	0.011	
Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Touch	376500	1882.5	1	107	18.9	18.6	0.310	0.332	0.165	0.177	
								108	54	18.9	18.5	0.321	0.352	0.178	0.195	
					Left Tilt	376500	1882.5	1	107	18.9	18.6	0.283	0.303	0.144	0.154	
								108	54	18.9	18.5	0.277	0.304	0.140	0.154	
					Right Touch	376500	1882.5	1	107	18.9	18.6	0.780	0.836	0.440	0.471	
								108	54	18.9	18.5	0.797	0.874	0.442	0.485	220
					Right Tilt	376500	1882.5	1	107	18.9	18.6	0.618	0.662	0.297	0.318	
								108	54	18.9	18.5	0.590	0.647	0.282	0.309	
	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Rear	376500	1882.5	1	107	19.5	19.2	0.734	0.786	0.339	0.363	
								108	54	19.5	19.1	0.754	0.827	0.346	0.379	221
					Front	376500	1882.5	1	107	19.5	19.2	0.441	0.473	0.244	0.261	
								108	54	19.5	19.1	0.425	0.466	0.230	0.252	
	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge 1	376500	1882.5	1	107	19.5	19.2	0.240	0.257	0.088	0.094	
								108	54	19.5	19.1	0.227	0.249	0.085	0.093	
					Edge 2	376500	1882.5	1	107	19.5	19.2	0.020	0.022	0.011	0.012	
								108	54	19.5	19.1	0.014	0.015	0.007	0.008	
					Edge 4	376500	1882.5	1	107	19.5	19.2	0.533	0.571	0.284	0.304	
								108	54	19.5	19.1	0.514	0.564	0.273	0.299	
Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Touch	376500	1882.5	1	107	25.1	24.7	0.376	0.412	0.235	0.258	222
								108	54	25.1	24.7	0.371	0.407	0.227	0.249	
					Left Tilt	376500	1882.5	1	107	25.1	24.7	0.156	0.171	0.094	0.103	
								108	54	25.1	24.7	0.136	0.149	0.081	0.089	
					Right Touch	376500	1882.5	1	107	25.1	24.7	0.185	0.203	0.119	0.130	
								108	54	25.1	24.7	0.172	0.189	0.111	0.122	
					Right Tilt	376500	1882.5	1	107	25.1	24.7	0.149	0.163	0.088	0.096	
								108	54	25.1	24.7	0.146	0.160	0.085	0.093	
	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Rear	376500	1882.5	1	107	19.7	19.3	0.506	0.555	0.269	0.295	
								108	54	19.7	19.3	0.520	0.570	0.275	0.302	223
					Front	376500	1882.5	1	107	19.7	19.3	0.418	0.458	0.211	0.231	
								108	54	19.7	19.3	0.303	0.332	0.156	0.171	
	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge 3	376500	1882.5	1	107	19.7	19.3	0.187	0.205	0.101	0.111	
								108	54	19.7	19.3	0.182	0.200	0.099	0.109	
					Edge 4	376500	1882.5	1	107	19.7	19.3	0.756	0.829	0.371	0.407	
								108	54	19.7	19.3	0.844	0.925	0.404	0.443	224
Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Touch	376500	1882.5	1	107	19.9	19.6	0.722	0.774	0.340	0.364	
								108	54	19.9	19.5	0.808	0.886	0.367	0.402	225
					Left Tilt	376500	1882.5	1	107	19.9	19.6	0.289	0.310	0.159	0.170	
								108	54	19.9	19.5	0.294	0.322	0.163	0.179	
					Right Touch	376500	1882.5	1	107	19.9	19.6	0.294	0.315	0.156	0.167	
								108	54	19.9	19.5	0.375	0.411	0.192	0.211	
					Right Tilt	376500	1882.5	1	107	19.9	19.6	0.129	0.138	0.075	0.080	
								108	54	19.9	19.5	0.117	0.128	0.068	0.075	
	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Rear	376500	1882.5	1	107	20.1	19.9	0.508	0.532	0.243	0.254	
								108	54	20.1	19.9	0.524	0.549	0.253	0.265	226
					Front	376500	1882.5	1	107	20.1	19.9	0.523	0.548	0.247	0.259	
								108	54	20.1	19.9	0.517	0.541	0.243	0.254	
	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge 1	376500	1882.5	1	107	20.1	19.9	0.140	0.147	0.077	0.081	
								108	54	20.1	19.9	0.130	0.136	0.071	0.075	
					Edge 2	376500	1882.5	1	107	20.1	19.9	0.752	0.787	0.347	0.363	227
								108	54	20.1	19.9	0.743	0.778	0.339	0.355	

10.25. 5G NR Band n26 (20MHz Bandwidth)

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Touch	166300	831.5	1	25	25.7	25.1	0.125	0.144	0.096	0.110	
								25	12	25.7	25.1	0.125	0.144	0.094	0.108	
					Left Tilt	166300	831.5	1	25	25.7	25.1	0.088	0.101	0.066	0.076	
								25	12	25.7	25.1	0.079	0.091	0.060	0.069	
					Right Touch	166300	831.5	1	25	25.7	25.1	0.201	0.231	0.145	0.166	228
								25	12	25.7	25.1	0.190	0.218	0.140	0.161	
					Right Tilt	166300	831.5	1	25	25.7	25.1	0.098	0.113	0.074	0.085	
								25	12	25.7	25.1	0.089	0.102	0.067	0.077	
	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Rear	166300	831.5	1	25	24.0	23.5	0.632	0.709	0.328	0.368	229
								25	12	24.0	23.5	0.533	0.598	0.282	0.316	
					Front	166300	831.5	1	25	24.0	23.5	0.375	0.421	0.202	0.227	
								25	12	24.0	23.5	0.384	0.431	0.204	0.229	
	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge 2	166300	831.5	1	25	24.0	23.5	0.371	0.416	0.243	0.273	
								25	12	24.0	23.5	0.341	0.383	0.225	0.252	
					Edge 3	166300	831.5	1	25	24.0	23.5	0.499	0.560	0.220	0.247	
								25	12	24.0	23.5	0.494	0.554	0.218	0.245	
					Edge 4	166300	831.5	1	25	24.0	23.5	0.093	0.104	0.060	0.068	
								25	12	24.0	23.5	0.084	0.094	0.054	0.061	

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Touch	166300	831.5	1	25	22.5	21.9	0.580	0.666	0.362	0.416	
								25	12	22.5	21.7	0.474	0.570	0.314	0.378	
					Left Tilt	166300	831.5	1	25	22.5	21.9	0.454	0.521	0.241	0.277	
								25	12	22.5	21.7	0.404	0.486	0.213	0.256	
					Right Touch	166300	831.5	1	25	22.5	21.9	0.693	0.796	0.423	0.486	230
								25	12	22.5	21.7	0.561	0.674	0.352	0.423	
					Right Tilt	166300	831.5	1	25	22.5	21.9	0.405	0.465	0.230	0.264	
								25	12	22.5	21.7	0.391	0.470	0.217	0.261	
	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Rear	166300	831.5	1	25	24.7	24.2	0.546	0.613	0.336	0.377	
								25	12	24.7	23.9	0.696	0.837	0.431	0.518	231
					Front	166300	831.5	1	25	24.7	24.2	0.408	0.458	0.263	0.295	
								25	12	24.7	23.9	0.422	0.507	0.271	0.326	
	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge 1	166300	831.5	1	25	24.7	24.2	0.281	0.315	0.151	0.169	
								25	12	24.7	23.9	0.287	0.345	0.153	0.184	
					Edge 2	166300	831.5	1	25	24.7	24.2	0.167	0.187	0.108	0.121	
								25	12	24.7	23.9	0.164	0.197	0.106	0.127	
					Edge 4	166300	831.5	1	25	24.7	24.2	0.110	0.123	0.061	0.069	
								25	12	24.7	23.9	0.113	0.136	0.062	0.074	

10.26. 5G NR Band n30 (10MHz Bandwidth)

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Touch	462000	2310.0	1	25	25.7	25.1	0.223	0.256	0.128	0.147	
								25	12	25.7	25.0	0.226	0.266	0.131	0.154	
					Left Tilt	462000	2310.0	1	25	25.7	25.1	0.176	0.202	0.096	0.110	
								25	12	25.7	25.0	0.131	0.154	0.072	0.085	
					Right Touch	462000	2310.0	1	25	25.7	25.1	0.389	0.447	0.222	0.255	232
								25	12	25.7	25.0	0.375	0.441	0.214	0.251	
					Right Tilt	462000	2310.0	1	25	25.7	25.1	0.137	0.157	0.077	0.088	
								25	12	25.7	25.0	0.133	0.156	0.074	0.087	
	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Rear	462000	2310.0	1	25	21.4	20.6	0.717	0.862	0.304	0.365	233
								25	12	21.4	20.5	0.696	0.856	0.295	0.363	
					Front	462000	2310.0	1	25	21.4	20.6	0.506	0.608	0.245	0.295	
								25	12	21.4	20.5	0.494	0.608	0.239	0.294	
	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge 2	462000	2310.0	1	25	21.4	20.6	0.780	0.938	0.349	0.420	234
								25	12	21.4	20.5	0.694	0.854	0.316	0.389	
					Edge 3	462000	2310.0	1	25	21.4	20.6	0.772	0.928	0.304	0.365	
								25	12	21.4	20.5	0.758	0.933	0.295	0.363	
					Edge 4	462000	2310.0	1	25	21.4	20.6	0.070	0.085	0.034	0.041	
								25	12	21.4	20.5	0.068	0.084	0.034	0.042	

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Touch	462000	2310.0	1	25	19.4	19.2	0.720	0.754	0.301	0.315	
								25	12	19.4	19.2	0.803	0.841	0.329	0.345	
					Left Tilt	462000	2310.0	1	25	19.4	19.2	0.904	0.947	0.375	0.393	235
								25	12	19.4	19.2	0.864	0.905	0.357	0.374	
					Right Touch	462000	2310.0	1	25	19.4	19.2	0.701	0.734	0.281	0.294	
								25	12	19.4	19.2	0.795	0.832	0.311	0.326	
					Right Tilt	462000	2310.0	1	25	19.4	19.2	0.796	0.834	0.322	0.337	
								25	12	19.4	19.2	0.777	0.814	0.318	0.333	
	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Rear	462000	2310.0	1	25	20.3	20.0	0.862	0.924	0.353	0.378	236
								25	12	20.3	19.9	0.826	0.906	0.339	0.372	
					Front	462000	2310.0	1	25	20.3	20.0	0.483	0.518	0.203	0.218	
								25	12	20.3	19.9	0.435	0.477	0.184	0.202	
	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge 1	462000	2310.0	1	25	20.3	20.0	0.791	0.848	0.304	0.326	
								25	12	20.3	19.9	0.784	0.860	0.300	0.329	
					Edge 2	462000	2310.0	1	25	20.3	20.0	0.017	0.018	0.008	0.009	
								25	12	20.3	19.9	0.006	0.007	0.003	0.003	
					Edge 4	462000	2310.0	1	25	20.3	20.0	0.241	0.258	0.121	0.130	
								25	12	20.3	19.9	0.228	0.250	0.115	0.126	

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Touch	462000	2310.0	1	25	23.6	22.9	0.308	0.362	0.172	0.202	237
								25	12	23.6	23.0	0.188	0.216	0.106	0.122	
					Left Tilt	462000	2310.0	1	25	23.6	22.9	0.138	0.162	0.076	0.089	
								25	12	23.6	23.0	0.145	0.166	0.079	0.091	
					Right Touch	462000	2310.0	1	25	23.6	22.9	0.184	0.216	0.108	0.127	
								25	12	23.6	23.0	0.115	0.132	0.066	0.076	
					Right Tilt	462000	2310.0	1	25	23.6	22.9	0.228	0.268	0.125	0.147	
								25	12	23.6	23.0	0.224	0.257	0.124	0.142	
	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Rear	462000	2310.0	1	25	20.4	20.3	0.791	0.809	0.410	0.420	238
								25	12	20.4	20.3	0.761	0.779	0.393	0.402	
					Front	462000	2310.0	1	25	20.4	20.3	0.509	0.521	0.271	0.277	
								25	12	20.4	20.3	0.534	0.546	0.284	0.291	
	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge 3	462000	2310.0	1	25	20.4	20.3	0.129	0.132	0.065	0.066	
								25	12	20.4	20.3	0.106	0.108	0.054	0.055	
					Edge 4	462000	2310.0	1	25	20.4	20.3	0.821	0.840	0.375	0.384	
								25	12	20.4	20.3	0.855	0.875	0.399	0.408	239

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Touch	462000	2310.0	1	25	18.2	17.8	0.766	0.840	0.332	0.364	240
								25	12	18.2	17.8	0.712	0.781	0.311	0.341	
					Left Tilt	462000	2310.0	1	25	18.2	17.8	0.221	0.242	0.110	0.121	
								25	12	18.2	17.8	0.212	0.232	0.105	0.115	
					Right Touch	462000	2310.0	1	25	18.2	17.8	0.267	0.293	0.135	0.148	
								25	12	18.2	17.8	0.257	0.282	0.130	0.143	
					Right Tilt	462000	2310.0	1	25	18.2	17.8	0.057	0.063	0.031	0.034	
								25	12	18.2	17.8	0.056	0.062	0.030	0.033	
	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Rear	462000	2310.0	1	25	19.7	19.1	0.591	0.679	0.272	0.312	
								25	12	19.7	19.0	0.667	0.784	0.305	0.358	241
					Front	462000	2310.0	1	25	19.7	19.1	0.640	0.735	0.288	0.331	
								25	12	19.7	19.0	0.618	0.726	0.277	0.325	
	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge 1	462000	2310.0	1	25	19.7	19.1	0.110	0.126	0.048	0.055	
								25	12	19.7	19.0	0.095	0.112	0.042	0.049	
					Edge 2	462000	2310.0	1	25	19.7	19.1	0.797	0.915	0.357	0.410	
								25	12	19.7	19.0	0.787	0.925	0.351	0.412	242

10.27. 5G NR Band n41 (100MHz Bandwidth)

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Touch	518598	2593.0	1	136	25.5	25.0	0.063	0.070	0.032	0.036	
								135	67	25.5	24.9	0.095	0.109	0.050	0.057	
					Left Tilt	518598	2593.0	1	136	25.5	25.0	0.053	0.060	0.019	0.022	
								135	67	25.5	24.9	0.060	0.069	0.019	0.022	
					Right Touch	518598	2593.0	1	136	25.5	25.0	0.193	0.217	0.103	0.116	
								135	67	25.5	24.9	0.192	0.220	0.100	0.115	243
					Right Tilt	518598	2593.0	1	136	25.5	25.0	0.029	0.033	0.010	0.011	
								135	67	25.5	24.9	0.033	0.038	0.014	0.016	
	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Rear	518598	2593.0	1	136	20.2	19.6	0.545	0.626	0.236	0.271	244
								135	67	20.2	19.6	0.513	0.589	0.220	0.253	
					Front	518598	2593.0	1	136	20.2	19.6	0.267	0.307	0.109	0.125	
								135	67	20.2	19.6	0.224	0.257	0.101	0.116	
	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge 2	518598	2593.0	1	136	20.2	19.6	0.644	0.739	0.251	0.288	245
								135	67	20.2	19.6	0.642	0.737	0.252	0.289	
					Edge 3	518598	2593.0	1	136	20.2	19.6	0.399	0.458	0.144	0.165	
								135	67	20.2	19.6	0.372	0.427	0.137	0.157	
					Edge 4	518598	2593.0	1	136	20.2	19.6	0.075	0.086	0.032	0.037	
								135	67	20.2	19.6	0.070	0.081	0.030	0.035	

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Touch	518598	2593.0	1	136	16.6	16.5	0.911	0.932	0.347	0.355	
								135	67	16.6	16.5	0.880	0.900	0.333	0.341	
					Left Tilt	518598	2593.0	1	136	16.6	16.5	0.880	0.900	0.322	0.330	
								135	67	16.6	16.5	0.926	0.948	0.334	0.342	246
					Right Touch	518598	2593.0	1	136	16.6	16.5	0.839	0.859	0.325	0.333	
								135	67	16.6	16.5	0.859	0.879	0.330	0.338	
					Right Tilt	518598	2593.0	1	136	16.6	16.5	0.706	0.722	0.263	0.269	
								135	67	16.6	16.5	0.620	0.634	0.238	0.244	
	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Rear	518598	2593.0	1	136	18.1	17.9	0.574	0.601	0.220	0.230	
								135	67	18.1	17.9	0.557	0.583	0.215	0.225	
					Front	518598	2593.0	1	136	18.1	17.9	0.747	0.782	0.276	0.289	
								135	67	18.1	17.9	0.757	0.793	0.278	0.291	247
	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge 1	518598	2593.0	1	136	18.1	17.9	0.799	0.837	0.284	0.297	
								135	67	18.1	17.9	0.809	0.847	0.288	0.302	248
					Edge 2	518598	2593.0	1	136	18.1	17.9	0.025	0.026	0.011	0.012	
								135	67	18.1	17.9	0.024	0.025	0.011	0.012	
					Edge 4	518598	2593.0	1	136	18.1	17.9	0.148	0.155	0.059	0.062	
								135	67	18.1	17.9	0.149	0.156	0.059	0.062	

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Touch	518598	2593.0	1	136	24.6	24.2	0.480	0.526	0.269	0.295	
								135	67	24.6	24.0	0.528	0.606	0.288	0.331	249
					Left Tilt	518598	2593.0	1	136	24.6	24.2	0.153	0.168	0.080	0.088	
								135	67	24.6	24.0	0.194	0.223	0.106	0.122	
					Right Touch	518598	2593.0	1	136	24.6	24.2	0.271	0.297	0.151	0.166	
								135	67	24.6	24.0	0.276	0.317	0.153	0.176	
					Right Tilt	518598	2593.0	1	136	24.6	24.2	0.323	0.354	0.164	0.180	
								135	67	24.6	24.0	0.313	0.359	0.159	0.183	
	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Rear	518598	2593.0	1	136	19.2	18.2	0.493	0.621	0.228	0.287	250
								135	67	19.2	18.1	0.422	0.544	0.197	0.254	
					Front	518598	2593.0	1	136	19.2	18.2	0.340	0.428	0.164	0.206	
								135	67	19.2	18.1	0.329	0.424	0.160	0.206	
	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge 3	518598	2593.0	1	136	19.2	18.2	0.079	0.100	0.038	0.048	
								135	67	19.2	18.1	0.075	0.096	0.036	0.046	
					Edge 4	518598	2593.0	1	136	19.2	18.2	0.630	0.793	0.269	0.339	
								135	67	19.2	18.1	0.659	0.849	0.280	0.361	251

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Touch	518598	2593.0	1	136	19.5	18.9	0.758	0.870	0.319	0.366	
								135	67	19.5	18.8	0.765	0.899	0.324	0.381	252
					Left Tilt	518598	2593.0	1	136	19.5	18.9	0.212	0.243	0.108	0.124	
								135	67	19.5	18.8	0.206	0.242	0.105	0.123	
					Right Touch	518598	2593.0	1	136	19.5	18.9	0.267	0.307	0.134	0.154	
								135	67	19.5	18.8	0.291	0.342	0.144	0.169	
					Right Tilt	518598	2593.0	1	136	19.5	18.9	0.066	0.076	0.035	0.040	
								135	67	19.5	18.8	0.067	0.079	0.035	0.041	
	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Rear	518598	2593.0	1	136	18.9	18.2	0.646	0.759	0.264	0.310	253
								135	67	18.9	18.2	0.576	0.677	0.238	0.280	
					Front	518598	2593.0	1	136	18.9	18.2	0.386	0.454	0.163	0.192	
								135	67	18.9	18.2	0.349	0.410	0.147	0.173	
	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge 1	518598	2593.0	1	136	18.9	18.2	0.037	0.043	0.019	0.022	
								135	67	18.9	18.2	0.034	0.040	0.014	0.016	
					Edge 2	518598	2593.0	1	136	18.9	18.2	0.752	0.884	0.291	0.342	254
								135	67	18.9	18.2	0.703	0.826	0.273	0.321	

10.28. 5G NR Band n53 (10MHz Bandwidth)

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Touch	497860	2489.3	1	11	20.7	20.4	0.057	0.061	0.033	0.035	
								12	6	20.7	20.2	0.063	0.071	0.036	0.040	
					Left Tilt	497860	2489.3	1	11	20.7	20.4	0.073	0.078	0.039	0.042	
								12	6	20.7	20.2	0.063	0.071	0.034	0.038	
					Right Touch	497860	2489.3	1	11	20.7	20.4	0.133	0.143	0.074	0.079	
								12	6	20.7	20.2	0.133	0.149	0.072	0.081	255
					Right Tilt	497860	2489.3	1	11	20.7	20.4	0.040	0.043	0.021	0.023	
								12	6	20.7	20.2	0.037	0.042	0.020	0.022	
	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Rear	497860	2489.3	1	11	20.2	19.5	0.579	0.680	0.252	0.296	256
								12	6	20.2	19.5	0.525	0.617	0.235	0.276	
					Front	497860	2489.3	1	11	20.2	19.5	0.431	0.506	0.196	0.230	
								12	6	20.2	19.5	0.463	0.544	0.204	0.240	
	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge 2	497860	2489.3	1	11	20.2	19.5	0.790	0.928	0.329	0.387	257
								12	6	20.2	19.5	0.759	0.892	0.319	0.375	
					Edge 3	497860	2489.3	1	11	20.2	19.5	0.496	0.583	0.188	0.221	
								12	6	20.2	19.5	0.490	0.576	0.185	0.217	
					Edge 4	497860	2489.3	1	11	20.2	19.5	0.054	0.064	0.028	0.033	
								12	6	20.2	19.5	0.064	0.076	0.033	0.038	

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Touch	497860	2489.3	1	11	16.6	16.1	0.799	0.896	0.310	0.348	
								12	6	16.6	16.0	0.786	0.902	0.309	0.355	
					Left Tilt	497860	2489.3	1	11	16.6	16.1	0.765	0.858	0.291	0.327	
								12	6	16.6	16.0	0.790	0.907	0.302	0.347	258
					Right Touch	497860	2489.3	1	11	16.6	16.1	0.787	0.883	0.305	0.342	
								12	6	16.6	16.0	0.736	0.845	0.298	0.342	
					Right Tilt	497860	2489.3	1	11	16.6	16.1	0.685	0.769	0.258	0.289	
								12	6	16.6	16.0	0.690	0.792	0.270	0.310	
	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Rear	497860	2489.3	1	11	18.1	17.7	0.627	0.687	0.260	0.285	
								12	6	18.1	17.6	0.579	0.650	0.232	0.260	
					Front	497860	2489.3	1	11	18.1	17.7	0.743	0.815	0.300	0.329	259
								12	6	18.1	17.6	0.702	0.788	0.281	0.315	
	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge 1	497860	2489.3	1	11	18.1	17.7	0.689	0.755	0.245	0.269	
								12	6	18.1	17.6	0.671	0.753	0.242	0.272	
					Edge 2	497860	2489.3	1	11	18.1	17.7	0.043	0.047	0.019	0.021	
								12	6	18.1	17.6	0.046	0.052	0.020	0.022	
					Edge 4	497860	2489.3	1	11	18.1	17.7	0.248	0.272	0.116	0.127	
								12	6	18.1	17.6	0.282	0.316	0.134	0.150	

10.29. 5G NR Band n66 (40MHz Bandwidth)

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Touch	349000	1745.0	1	107	25.2	24.7	0.052	0.058	0.034	0.038	
								108	54	25.2	24.6	0.064	0.073	0.042	0.048	
					Left Tilt	349000	1745.0	1	107	25.2	24.7	0.065	0.073	0.041	0.046	
								108	54	25.2	24.6	0.061	0.070	0.037	0.042	
					Right Touch	349000	1745.0	1	107	25.2	24.7	0.178	0.200	0.110	0.123	260
								108	54	25.2	24.6	0.174	0.200	0.107	0.123	
					Right Tilt	349000	1745.0	1	107	25.2	24.7	0.060	0.067	0.037	0.042	
								108	54	25.2	24.6	0.047	0.054	0.028	0.032	
	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Rear	349000	1745.0	1	107	19.1	18.6	0.406	0.456	0.216	0.242	
								108	54	19.1	18.5	0.403	0.463	0.203	0.233	
					Front	349000	1745.0	1	107	19.1	18.6	0.448	0.503	0.212	0.238	261
								108	54	19.1	18.5	0.418	0.480	0.197	0.226	
	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge 2	349000	1745.0	1	107	19.1	18.6	0.134	0.150	0.073	0.082	
								108	54	19.1	18.5	0.104	0.119	0.059	0.068	
					Edge 3	349000	1745.0	1	107	19.1	18.6	0.705	0.791	0.321	0.360	
								108	54	19.1	18.5	0.709	0.814	0.322	0.370	262
					Edge 4	349000	1745.0	1	107	19.1	18.6	0.032	0.036	0.015	0.017	
								108	54	19.1	18.5	0.023	0.026	0.010	0.011	

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Touch	349000	1745.0	1	107	19.2	18.8	0.286	0.314	0.180	0.197	
								108	54	19.2	18.7	0.268	0.301	0.168	0.188	
					Left Tilt	349000	1745.0	1	107	19.2	18.8	0.184	0.202	0.109	0.120	
								108	54	19.2	18.7	0.181	0.203	0.107	0.120	
					Right Touch	349000	1745.0	1	107	19.2	18.8	0.834	0.914	0.489	0.536	263
								108	54	19.2	18.7	0.731	0.820	0.436	0.489	
					Right Tilt	349000	1745.0	1	107	19.2	18.8	0.641	0.703	0.319	0.350	
								108	54	19.2	18.7	0.630	0.707	0.301	0.338	
	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Rear	349000	1745.0	1	107	19.6	19.2	0.824	0.903	0.382	0.419	264
								108	54	19.6	19.0	0.784	0.900	0.364	0.418	
					Front	349000	1745.0	1	107	19.6	19.2	0.339	0.372	0.197	0.216	
								108	54	19.6	19.0	0.374	0.429	0.209	0.240	
	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge 1	349000	1745.0	1	107	19.6	19.2	0.338	0.371	0.142	0.156	
								108	54	19.6	19.0	0.369	0.424	0.154	0.177	
					Edge 2	349000	1745.0	1	107	19.6	19.2	0.022	0.024	0.012	0.013	
								108	54	19.6	19.0	0.021	0.024	0.011	0.013	
					Edge 4	349000	1745.0	1	107	19.6	19.2	0.546	0.599	0.294	0.322	
								108	54	19.6	19.0	0.469	0.538	0.257	0.295	

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Touch	349000	1745.0	1	107	25.2	24.6	0.381	0.437	0.242	0.278	265
								108	54	25.2	24.5	0.361	0.424	0.233	0.274	
					Left Tilt	349000	1745.0	1	107	25.2	24.6	0.183	0.210	0.119	0.137	
								108	54	25.2	24.5	0.185	0.217	0.120	0.141	
					Right Touch	349000	1745.0	1	107	25.2	24.6	0.172	0.197	0.112	0.129	
								108	54	25.2	24.5	0.163	0.192	0.107	0.126	
					Right Tilt	349000	1745.0	1	107	25.2	24.6	0.142	0.163	0.092	0.106	
								108	54	25.2	24.5	0.142	0.167	0.091	0.107	
	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Rear	349000	1745.0	1	107	20.7	20.1	0.524	0.602	0.284	0.326	
								108	54	20.7	20.0	0.549	0.645	0.298	0.350	266
					Front	349000	1745.0	1	107	20.7	20.1	0.415	0.476	0.221	0.254	
								108	54	20.7	20.0	0.440	0.517	0.231	0.271	
	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge 3	349000	1745.0	1	107	20.7	20.1	0.139	0.160	0.075	0.086	
								108	54	20.7	20.0	0.136	0.160	0.075	0.088	
					Edge 4	349000	1745.0	1	107	20.7	20.1	0.783	0.899	0.393	0.451	267
								108	54	20.7	20.0	0.739	0.868	0.369	0.434	

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Touch	349000	1745.0	1	107	20.3	19.9	0.704	0.772	0.350	0.384	268
								108	54	20.3	19.9	0.616	0.675	0.312	0.342	
					Left Tilt	349000	1745.0	1	107	20.3	19.9	0.359	0.394	0.189	0.207	
								108	54	20.3	19.9	0.380	0.417	0.197	0.216	
					Right Touch	349000	1745.0	1	107	20.3	19.9	0.321	0.352	0.179	0.196	
								108	54	20.3	19.9	0.321	0.352	0.177	0.194	
					Right Tilt	349000	1745.0	1	107	20.3	19.9	0.157	0.172	0.089	0.098	
								108	54	20.3	19.9	0.151	0.166	0.086	0.094	
	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Rear	349000	1745.0	1	107	20.4	19.9	0.469	0.526	0.236	0.265	
								108	54	20.4	19.9	0.500	0.561	0.251	0.282	269
					Front	349000	1745.0	1	107	20.4	19.9	0.327	0.367	0.170	0.191	
								108	54	20.4	19.9	0.335	0.376	0.174	0.195	
	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge 1	349000	1745.0	1	107	20.4	19.9	0.185	0.208	0.098	0.110	
								108	54	20.4	19.9	0.186	0.209	0.099	0.111	
					Edge 2	349000	1745.0	1	107	20.4	19.9	0.841	0.944	0.393	0.441	270
								108	54	20.4	19.9	0.809	0.908	0.377	0.423	

10.30. 5G NR Band n70 (15MHz Bandwidth)

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Touch	340500	1702.5	1	39	25.2	24.6	0.014	0.016	0.007	0.009	
								36	18	25.2	24.5	0.020	0.024	0.013	0.015	
					Left Tilt	340500	1702.5	1	39	25.2	24.6	0.010	0.012	0.005	0.006	
								36	18	25.2	24.5	0.010	0.012	0.004	0.005	
					Right Touch	340500	1702.5	1	39	25.2	24.6	0.048	0.055	0.030	0.034	
								36	18	25.2	24.5	0.048	0.056	0.030	0.035	271
					Right Tilt	340500	1702.5	1	39	25.2	24.6	0.018	0.021	0.011	0.012	
								36	18	25.2	24.5	0.017	0.020	0.010	0.012	
	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Rear	340500	1702.5	1	39	19.1	18.5	0.609	0.699	0.292	0.335	272
								36	18	19.1	18.4	0.454	0.533	0.222	0.261	
					Front	340500	1702.5	1	39	19.1	18.5	0.430	0.494	0.205	0.235	
								36	18	19.1	18.4	0.366	0.430	0.176	0.207	
	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge 2	340500	1702.5	1	39	19.1	18.5	0.047	0.054	0.019	0.021	
								36	18	19.1	18.4	0.033	0.038	0.018	0.022	
					Edge 3	340500	1702.5	1	39	19.1	18.5	0.680	0.781	0.315	0.362	
								36	18	19.1	18.4	0.706	0.829	0.328	0.385	273
					Edge 4	340500	1702.5	1	39	19.1	18.5	0.031	0.036	0.014	0.017	
								36	18	19.1	18.4	0.023	0.027	0.011	0.012	
Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Touch	340500	1702.5	1	39	19.2	18.9	0.240	0.257	0.151	0.162	
								36	18	19.2	18.8	0.241	0.264	0.151	0.166	
					Left Tilt	340500	1702.5	1	39	19.2	18.9	0.150	0.161	0.082	0.088	
								36	18	19.2	18.8	0.151	0.166	0.089	0.098	
					Right Touch	340500	1702.5	1	39	19.2	18.9	0.616	0.660	0.358	0.384	274
								36	18	19.2	18.8	0.598	0.656	0.356	0.390	
					Right Tilt	340500	1702.5	1	39	19.2	18.9	0.513	0.550	0.240	0.257	
								36	18	19.2	18.8	0.433	0.475	0.213	0.234	
	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Rear	340500	1702.5	1	39	19.6	19.1	0.679	0.762	0.305	0.342	275
								36	18	19.6	18.9	0.585	0.687	0.269	0.316	
					Front	340500	1702.5	1	39	19.6	19.1	0.337	0.378	0.178	0.200	
								36	18	19.6	18.9	0.346	0.407	0.186	0.219	
	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge 1	340500	1702.5	1	39	19.6	19.1	0.339	0.380	0.147	0.165	
								36	18	19.6	18.9	0.315	0.370	0.137	0.161	
					Edge 2	340500	1702.5	1	39	19.6	19.1	0.021	0.023	0.011	0.013	
								36	18	19.6	18.9	0.017	0.020	0.010	0.011	
					Edge 4	340500	1702.5	1	39	19.6	19.1	0.463	0.519	0.243	0.273	
								36	18	19.6	18.9	0.460	0.540	0.247	0.290	
Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT3	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Touch	340500	1702.5	1	39	25.2	24.7	0.360	0.404	0.234	0.263	
								36	18	25.2	24.6	0.360	0.413	0.232	0.266	276
					Left Tilt	340500	1702.5	1	39	25.2	24.7	0.154	0.173	0.097	0.109	
								36	18	25.2	24.6	0.149	0.171	0.094	0.108	
					Right Touch	340500	1702.5	1	39	25.2	24.7	0.153	0.172	0.104	0.117	
								36	18	25.2	24.6	0.139	0.160	0.095	0.109	
					Right Tilt	340500	1702.5	1	39	25.2	24.7	0.122	0.137	0.079	0.088	
								36	18	25.2	24.6	0.122	0.140	0.078	0.089	
	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Rear	340500	1702.5	1	39	20.7	20.2	0.552	0.619	0.308	0.346	
								36	18	20.7	20.1	0.579	0.665	0.322	0.370	277
					Front	340500	1702.5	1	39	20.7	20.2	0.402	0.451	0.225	0.252	
								36	18	20.7	20.1	0.465	0.534	0.259	0.297	
	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge 3	340500	1702.5	1	39	20.7	20.2	0.075	0.084	0.034	0.038	
								36	18	20.7	20.1	0.075	0.086	0.034	0.039	
					Edge 4	340500	1702.5	1	39	20.7	20.2	0.671	0.753	0.341	0.383	
								36	18	20.7	20.1	0.689	0.791	0.346	0.397	278
Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Touch	340500	1702.5	1	39	20.3	20.0	0.707	0.758	0.355	0.380	
								36	18	20.3	19.9	0.756	0.829	0.377	0.413	279
					Left Tilt	340500	1702.5	1	39	20.3	20.0	0.300	0.321	0.155	0.166	
								36	18	20.3	19.9	0.696	0.763	0.331	0.363	
					Right Touch	340500	1702.5	1	39	20.3	20.0	0.252	0.270	0.144	0.154	
								36	18	20.3	19.9	0.251	0.275	0.143	0.157	
					Right Tilt	340500	1702.5	1	39	20.3	20.0	0.117	0.125	0.100	0.107	
								36	18	20.3	19.9	0.151	0.166	0.086	0.094	
	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Rear	340500	1702.5	1	39	20.4	20.0	0.496	0.544	0.245	0.269	280
								36	18	20.4	19.9	0.484	0.543	0.241	0.270	
					Front	340500	1702.5	1	39	20.4	20.0	0.316	0.346	0.162	0.178	
								36	18	20.4	19.9	0.330	0.370	0.170	0.191	
	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge 1	340500	1702.5	1	39	20.4	20.0	0.165	0.181	0.084	0.092	
								36	18	20.4	19.9	0.138	0.155	0.070	0.078	
					Edge 2	340500	1702.5	1	39	20.4	20.0	0.693	0.760	0.331	0.363	
								36	18	20.4	19.9	0.728	0.817	0.346	0.388	281

10.31. 5G NR Band n71 (20MHz Bandwidth)

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT1	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Touch	136100	680.5	1	52	25.7	25.3	0.107	0.117	0.085	0.093	
								50	25	25.7	25.3	0.102	0.112	0.081	0.089	
					Left Tilt	136100	680.5	1	52	25.7	25.3	0.049	0.054	0.040	0.044	
								50	25	25.7	25.3	0.046	0.050	0.037	0.041	
					Right Touch	136100	680.5	1	52	25.7	25.3	0.120	0.132	0.094	0.103	282
								50	25	25.7	25.3	0.120	0.132	0.093	0.102	
					Right Tilt	136100	680.5	1	52	25.7	25.3	0.053	0.058	0.042	0.046	
								50	25	25.7	25.3	0.049	0.054	0.040	0.044	
	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Rear	136100	680.5	1	52	25.7	25.3	0.435	0.477	0.230	0.252	
								50	25	25.7	25.3	0.522	0.572	0.270	0.296	283
					Front	136100	680.5	1	52	25.7	25.3	0.304	0.333	0.174	0.191	
								50	25	25.7	25.3	0.272	0.298	0.157	0.172	
	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge 2	136100	680.5	1	52	25.7	25.3	0.530	0.581	0.353	0.387	284
								50	25	25.7	25.3	0.528	0.579	0.349	0.383	
					Edge 3	136100	680.5	1	52	25.7	25.3	0.302	0.331	0.131	0.144	
								50	25	25.7	25.3	0.301	0.330	0.129	0.141	
					Edge 4	136100	680.5	1	52	25.7	25.3	0.226	0.248	0.149	0.163	
								50	25	25.7	25.3	0.214	0.235	0.139	0.152	

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT2	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Touch	136100	680.5	1	52	23.1	22.7	0.617	0.677	0.337	0.370	
								50	25	23.1	22.7	0.688	0.754	0.371	0.407	285
					Left Tilt	136100	680.5	1	52	23.1	22.7	0.578	0.634	0.279	0.306	
								50	25	23.1	22.7	0.553	0.606	0.264	0.289	
					Right Touch	136100	680.5	1	52	23.1	22.7	0.539	0.591	0.330	0.362	
								50	25	23.1	22.7	0.566	0.621	0.338	0.371	
					Right Tilt	136100	680.5	1	52	23.1	22.7	0.533	0.584	0.275	0.302	
								50	25	23.1	22.7	0.515	0.565	0.264	0.289	
	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Rear	136100	680.5	1	52	24.7	24.4	0.443	0.475	0.260	0.279	
								50	25	24.7	24.3	0.470	0.515	0.276	0.303	286
					Front	136100	680.5	1	52	24.7	24.4	0.315	0.338	0.198	0.212	
								50	25	24.7	24.3	0.331	0.363	0.210	0.230	
	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge 1	136100	680.5	1	52	24.7	24.4	0.285	0.305	0.134	0.144	
								50	25	24.7	24.3	0.288	0.316	0.131	0.144	
					Edge 2	136100	680.5	1	52	24.7	24.4	0.167	0.179	0.109	0.117	
								50	25	24.7	24.3	0.165	0.181	0.107	0.117	
					Edge 4	136100	680.5	1	52	24.7	24.4	0.273	0.293	0.179	0.192	
								50	25	24.7	24.3	0.268	0.294	0.176	0.193	

10.32. 5G NR Band n77 (Block A)(100MHz Bandwidth)

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Touch	633332	3500.0	1	136	22.6	21.5	0.077	0.099	0.035	0.045	
								135	67	22.6	21.4	0.087	0.114	0.038	0.050	
					Left Tilt	633332	3500.0	1	136	22.6	21.5	0.062	0.079	0.020	0.026	
								135	67	22.6	21.4	0.055	0.072	0.019	0.025	
					Right Touch	633332	3500.0	1	136	22.6	21.5	0.125	0.161	0.059	0.075	
								135	67	22.6	21.4	0.131	0.173	0.060	0.079	287
					Right Tilt	633332	3500.0	1	136	22.6	21.5	0.042	0.054	0.016	0.020	
								135	67	22.6	21.4	0.045	0.059	0.017	0.022	
	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Rear	633332	3500.0	1	136	18.7	17.9	0.462	0.555	0.172	0.207	
								135	67	18.7	17.8	0.512	0.630	0.186	0.229	288
					Front	633332	3500.0	1	136	18.7	17.9	0.272	0.327	0.094	0.113	
								135	67	18.7	17.8	0.272	0.335	0.095	0.117	
	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge 2	633332	3500.0	1	136	18.7	17.9	0.575	0.691	0.212	0.255	
								135	67	18.7	17.8	0.592	0.728	0.218	0.268	289
					Edge 3	633332	3500.0	1	136	18.7	17.9	0.185	0.222	0.054	0.065	
								135	67	18.7	17.8	0.182	0.224	0.051	0.063	

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Touch	633332	3500.0	1	136	20.0	19.4	0.113	0.130	0.037	0.042	
								135	67	20.0	19.4	0.126	0.145	0.042	0.048	
					Left Tilt	633332	3500.0	1	136	20.0	19.4	0.106	0.122	0.036	0.041	
								135	67	20.0	19.4	0.133	0.153	0.046	0.053	
					Right Touch	633332	3500.0	1	136	20.0	19.4	0.787	0.904	0.295	0.339	290
								135	67	20.0	19.4	0.759	0.871	0.285	0.327	
					Right Tilt	633332	3500.0	1	136	20.0	19.4	0.644	0.739	0.252	0.289	
								135	67	20.0	19.4	0.708	0.813	0.275	0.316	
	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Rear	633332	3500.0	1	136	18.7	18.2	0.764	0.857	0.249	0.279	291
								135	67	18.7	18.1	0.742	0.852	0.242	0.278	
					Front	633332	3500.0	1	136	18.7	18.2	0.159	0.178	0.063	0.070	
								135	67	18.7	18.1	0.161	0.185	0.064	0.074	
	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge 1	633332	3500.0	1	136	18.7	18.2	0.178	0.200	0.055	0.062	
								135	67	18.7	18.1	0.154	0.177	0.053	0.061	
					Edge 4	633332	3500.0	1	136	18.7	18.2	0.227	0.255	0.082	0.092	
								135	67	18.7	18.1	0.220	0.253	0.081	0.093	

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Touch	633332	3500.0	1	136	22.5	21.8	0.262	0.308	0.126	0.148	292
								135	67	22.5	21.8	0.233	0.274	0.112	0.132	
					Left Tilt	633332	3500.0	1	136	22.5	21.8	0.118	0.139	0.046	0.054	
								135	67	22.5	21.8	0.111	0.130	0.043	0.051	
					Right Touch	633332	3500.0	1	136	22.5	21.8	0.170	0.200	0.078	0.092	
								135	67	22.5	21.8	0.151	0.177	0.065	0.076	
					Right Tilt	633332	3500.0	1	136	22.5	21.8	0.226	0.266	0.084	0.099	
								135	67	22.5	21.8	0.221	0.260	0.082	0.096	
	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Rear	633332	3500.0	1	136	17.5	17.3	0.631	0.661	0.234	0.245	
								135	67	17.5	17.3	0.639	0.669	0.238	0.249	293
					Front	633332	3500.0	1	136	17.5	17.3	0.280	0.293	0.108	0.113	
								135	67	17.5	17.3	0.332	0.348	0.215	0.225	
	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge 3	633332	3500.0	1	136	17.5	17.3	0.302	0.316	0.121	0.127	
								135	67	17.5	17.3	0.268	0.281	0.108	0.113	
					Edge 4	633332	3500.0	1	136	17.5	17.3	0.789	0.826	0.300	0.314	294
								135	67	17.5	17.3	0.783	0.820	0.298	0.312	

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Touch	633332	3500.0	1	136	19.7	19.5	0.861	0.902	0.308	0.323	
								135	67	19.7	19.5	0.898	0.940	0.324	0.339	295
					Left Tilt	633332	3500.0	1	136	19.7	19.5	0.295	0.309	0.114	0.119	
								135	67	19.7	19.5	0.285	0.298	0.110	0.115	
					Right Touch	633332	3500.0	1	136	19.7	19.5	0.105	0.110	0.040	0.042	
								135	67	19.7	19.5	0.185	0.194	0.086	0.090	
					Right Tilt	633332	3500.0	1	136	19.7	19.5	0.115	0.120	0.042	0.044	
								135	67	19.7	19.5	0.108	0.113	0.041	0.043	
	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Rear	633332	3500.0	1	136	19.5	19.5	0.574	0.574	0.222	0.222	296
								135	67	19.5	19.5	0.523	0.523	0.204	0.204	
					Front	633332	3500.0	1	136	19.5	19.5	0.320	0.320	0.115	0.115	
								135	67	19.5	19.5	0.331	0.331	0.116	0.116	
	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge 1	633332	3500.0	1	136	19.5	19.5	0.140	0.140	0.057	0.057	
								135	67	19.5	19.5	0.111	0.111	0.045	0.045	
					Edge 2	633332	3500.0	1	136	19.5	19.5	0.665	0.665	0.246	0.246	297
								135	67	19.5	19.5	0.614	0.614	0.224	0.224	

10.33. 5G NR Band n77 (Block C)(100MHz Bandwidth)

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT7	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Touch	656000	3840.0	1	136	22.6	21.2	0.019	0.027	0.007	0.009	
								135	67	22.6	21.1	0.010	0.014	0.003	0.004	
					Left Tilt	656000	3840.0	1	136	22.6	21.2	0.019	0.027	0.004	0.006	
								135	67	22.6	21.1	0.016	0.022	0.004	0.005	
					Right Touch	656000	3840.0	1	136	22.6	21.2	0.069	0.095	0.028	0.039	
								135	67	22.6	21.1	0.073	0.103	0.028	0.039	298
					Right Tilt	656000	3840.0	1	136	22.6	21.2	0.018	0.024	0.004	0.006	
								135	67	22.6	21.1	0.020	0.028	0.004	0.006	
	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Rear	656000	3840.0	1	136	18.7	17.3	0.240	0.331	0.096	0.132	
								135	67	18.7	17.3	0.244	0.337	0.095	0.132	299
					Front	656000	3840.0	1	136	18.7	17.3	0.165	0.228	0.058	0.081	
								135	67	18.7	17.3	0.154	0.213	0.054	0.074	
	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge 2	656000	3840.0	1	136	18.7	17.3	0.260	0.359	0.087	0.121	
								135	67	18.7	17.3	0.288	0.398	0.100	0.137	300
					Edge 3	656000	3840.0	1	136	18.7	17.3	0.052	0.072	0.009	0.012	
								135	67	18.7	17.3	0.042	0.058	0.007	0.010	
Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT8	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Touch	656000	3840.0	1	136	20.0	19.0	0.188	0.237	0.056	0.070	
								135	67	20.0	18.9	0.153	0.197	0.046	0.059	
					Left Tilt	656000	3840.0	1	136	20.0	19.0	0.174	0.219	0.051	0.064	
								135	67	20.0	18.9	0.190	0.245	0.059	0.076	
					Right Touch	656000	3840.0	1	136	20.0	19.0	0.715	0.900	0.241	0.303	301
								135	67	20.0	18.9	0.675	0.870	0.227	0.292	
					Right Tilt	656000	3840.0	1	136	20.0	19.0	0.644	0.811	0.216	0.272	
								135	67	20.0	18.9	0.579	0.746	0.182	0.234	
	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Rear	656000	3840.0	1	136	18.7	18.2	0.507	0.569	0.172	0.193	302
								135	67	18.7	18.2	0.469	0.526	0.167	0.187	
					Front	656000	3840.0	1	136	18.7	18.2	0.201	0.226	0.075	0.084	
								135	67	18.7	18.2	0.196	0.220	0.073	0.082	
	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge 1	656000	3840.0	1	136	18.7	18.2	0.197	0.221	0.067	0.075	
								135	67	18.7	18.2	0.191	0.214	0.064	0.072	
					Edge 4	656000	3840.0	1	136	18.7	18.2	0.494	0.554	0.184	0.206	
								135	67	18.7	18.2	0.534	0.599	0.195	0.219	303
Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT9	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Touch	656000	3840.0	1	136	22.5	21.8	0.030	0.035	0.011	0.013	
								135	67	22.5	21.7	0.023	0.028	0.007	0.008	
					Left Tilt	656000	3840.0	1	136	22.5	21.8	0.009	0.011	0.001	0.001	
								135	67	22.5	21.7	0.013	0.016	0.002	0.003	
					Right Touch	656000	3840.0	1	136	22.5	21.8	0.023	0.027	0.007	0.008	
								135	67	22.5	21.7	0.017	0.020	0.004	0.005	
					Right Tilt	656000	3840.0	1	136	22.5	21.8	0.040	0.047	0.009	0.010	304
								135	67	22.5	21.7	0.035	0.042	0.006	0.007	
	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Rear	656000	3840.0	1	136	17.5	17.3	0.545	0.571	0.166	0.174	305
								135	67	17.5	17.3	0.528	0.553	0.161	0.169	
					Front	656000	3840.0	1	136	17.5	17.3	0.248	0.260	0.073	0.077	
								135	67	17.5	17.3	0.252	0.264	0.071	0.074	
	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge 3	656000	3840.0	1	136	17.5	17.3	0.168	0.176	0.062	0.065	
								135	67	17.5	17.3	0.171	0.179	0.056	0.059	
					Edge 4	656000	3840.0	1	136	17.5	17.3	0.577	0.604	0.177	0.185	306
								135	67	17.5	17.3	0.498	0.521	0.155	0.162	
Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	RB Allocation	RB offset	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
										Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT4	Head	DFT-s-OFDM π/2 BPSK	Mode A	0	Left Touch	656000	3840.0	1	136	19.7	19.5	0.851	0.891	0.309	0.324	307
								135	67	19.7	19.5	0.851	0.891	0.300	0.314	
					Left Tilt	656000	3840.0	1	136	19.7	19.5	0.304	0.318	0.110	0.115	
								135	67	19.7	19.5	0.328	0.343	0.120	0.126	
					Right Touch	656000	3840.0	1	136	19.7	19.5	0.207	0.217	0.086	0.090	
								135	67	19.7	19.5	0.199	0.208	0.082	0.086	
					Right Tilt	656000	3840.0	1	136	19.7	19.5	0.158	0.165	0.058	0.061	
								135	67	19.7	19.5	0.126	0.132	0.043	0.045	
	Body & Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Rear	656000	3840.0	1	136	19.5	19.5	0.641	0.641	0.241	0.241	
								135	67	19.5	19.5	0.665	0.665	0.245	0.245	308
					Front	656000	3840.0	1	136	19.5	19.5	0.344	0.344	0.127	0.127	
								135	67	19.5	19.5	0.350	0.350	0.129	0.129	
	Hotspot	DFT-s-OFDM π/2 BPSK	Mode B	5	Edge 1	656000	3840.0	1	136	19.5	19.5	0.116	0.116	0.046	0.046	
								135	67	19.5	19.5	0.112	0.112	0.042	0.042	
					Edge 2	656000	3840.0	1	136	19.5	19.5	0.783	0.783	0.276	0.276	
								135	67	19.5	19.5	0.787	0.787	0.275	0.275	309

10.34. Wi-Fi (DTS Band)

When the 802.11b reported SAR of the highest measured maximum output power channel is ≤ 0.8 W/kg, no further SAR testing is required. If SAR is > 0.8 W/kg and ≤ 1.2 W/kg, SAR is required for the next highest measured output power channel. Finally, if SAR is > 1.2 W/kg, SAR is required for the third channel.

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

ANT3 Power Mode A the P_{Cell_ON} is same as P_{Cell_OFF}

Antenna	WWAN Power	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	Area Scan Max. SAR (W/kg)	Duty Cycle	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
											Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT3	Cell OFF	Head	802.11b	Mode A	0	Left Touch	6	2437	0.210	100.0%	21.50	19.99	0.158	0.224	0.091	0.129	140
						Left Tilt	6	2437	0.117	100.0%	21.50	19.99					
						Right Touch	6	2437	0.142	100.0%	21.50	19.99					
						Right Tilt	6	2437	0.165	100.0%	21.50	19.99					
		Body & Hotspot	802.11b	Mobe B	5	Rear	6	2437	1.050	100.0%	21.00	19.99	0.631	0.796	0.330	0.416	141
						Front	6	2437	0.862	100.0%	21.00	19.99					
		Hotspot	802.11b	Mode B	5	Edge 3	6	2437	0.157	100.0%	21.00	19.99					
						Edge 4	1	2412	1.090	100.0%	21.00	19.96	0.734	0.933	0.334	0.424	
						Edge 4	6	2437	1.230	100.0%	21.00	19.99	0.864	1.090	0.380	0.479	142
						Edge 4	11	2462	1.120	100.0%	21.00	19.97	0.852	1.080	0.385	0.488	
Antenna	WWAN Power	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	Area Scan Max. SAR (W/kg)	Duty Cycle	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
											Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT4	Cell OFF	Head	802.11b	Mode A	0	Left Touch	1	2412	1.270	100.0%	20.50	19.11	0.775	1.067	0.332	0.457	
						Left Touch	6	2437	1.440	100.0%	20.50	19.29	0.816	1.078	0.355	0.469	143
						Left Touch	11	2462	1.140	100.0%	20.50	19.20	0.633	0.854	0.274	0.370	
						Left Tilt	6	2437	0.383	100.0%	20.50	19.29	0.254	0.336	0.121	0.160	
						Right Touch	6	2437	0.295	100.0%	20.50	19.29					
						Right Tilt	6	2437	0.130	100.0%	20.50	19.29					
		Body & Hotspot	802.11b	Mode B	5	Rear	6	2437	0.755	100.0%	20.75	19.49	0.429	0.573	0.192	0.257	144
						Front	6	2437	0.568	100.0%	20.75	19.49					
		Hotspot	802.11b	Mode B	5	Edge 1	6	2437	0.244	100.0%	20.75	19.49					
						Edge 2	1	2412	1.140	100.0%	20.75	19.42	0.681	0.925	0.302	0.410	
						Edge 2	6	2437	1.220	100.0%	20.75	19.49	0.744	0.994	0.332	0.444	145
						Edge 2	11	2462	0.965	100.0%	20.75	19.38	0.590	0.809	0.264	0.362	
Antenna	WWAN Power	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	Area Scan Max. SAR (W/kg)	Duty Cycle	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
											Tune-up	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT3	Cell ON	Body & Hotspot	802.11b	Mode B	5	Rear	6	2437	0.498	100.0%	18.00	16.79	0.262	0.346	0.138	0.182	146
						Front	6	2437	0.492	100.0%	18.00	16.79					
		Hotspot	802.11b	Mode B	5	Edge 3	6	2437	0.075	100.0%	18.00	16.79					
						Edge 4	6	2437	0.553	100.0%	18.00	16.79	0.391	0.517	0.174	0.230	147
Antenna	WWAN Power	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	Area Scan Max. SAR (W/kg)	Duty Cycle	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
											Tune-up	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT4	Cell ON	Head	802.11b	Mode A	0	Left Touch	6	2437	0.507	100.0%	16.00	14.77	0.320	0.425	0.137	0.182	148
						Left Tilt	6	2437	0.146	100.0%	16.00	14.77	0.101	0.134	0.048	0.064	
						Right Touch	6	2437	0.114	100.0%	16.00	14.77					
						Right Tilt	6	2437	0.045	100.0%	16.00	14.77					
		Body & Hotspot	802.11b	Mode B	5	Rear	6	2437	0.449	100.0%	17.75	16.34	0.253	0.350	0.112	0.155	149
						Front	6	2437	0.209	100.0%	17.75	16.34					
		Hotspot	802.11b	Mode B	5	Edge 1	6	2437	0.112	100.0%	17.75	16.34					
						Edge 2	6	2437	0.582	100.0%	17.75	16.34	0.387	0.535	0.166	0.230	150

10.35. Wi-Fi (U-NII Band)

Antenna	WWAN Power	Band	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	Area Scan Max. SAR (W/kg)	Duty Cycle	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
												Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT5	Cell OFF	U-NII-2A	Head	802.11n (HT40)	Mode A	0	Left Touch	54	5270	0.084	96.1%	20.50	18.59					
							Left Tilt	54	5270	0.064	96.1%	20.50	18.59					
							Right Touch	54	5270	0.060	96.1%	20.50	18.59					
							Right Tilt	54	5270	0.107	96.1%	20.50	18.59	0.035	0.057	0.008	0.013	151
			Body & Airplay	802.11n (HT40)	Mode B	5	Rear	54	5270	2.120	96.1%	17.50	16.27	0.831	1.148	0.257	0.355	152
							Rear	62	5310	1.740	96.1%	17.00	15.54	0.666	0.970	0.191	0.278	
							Front	54	5270	0.662	96.1%	17.50	16.27					
			Airplay	802.11n (HT40)	Mode B	5	Edge 3	54	5270	0.661	96.1%	17.50	16.27					
							Edge 4	54	5270	1.280	96.1%	17.50	16.27	0.539	0.744	0.180	0.249	
Antenna	WWAN Power	Band	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	Area Scan Max. SAR (W/kg)	Duty Cycle	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
												Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT5	Cell OFF	U-NII-2C	Head	802.11ac (VHT80)	Mode A	0	Left Touch	122	5610	0.068	91.2%	20.50	18.86	0.017	0.027	0.004	0.006	153
							Left Tilt	122	5610	0.041	91.2%	20.50	18.86					
							Right Touch	122	5610	0.030	91.2%	20.50	18.86					
							Right Tilt	122	5610	0.041	91.2%	20.50	18.86					
			Body & Airplay	802.11ac (VHT80)	Mode B	5	Rear	106	5530	1.500	91.2%	17.00	16.31	0.767	0.986	0.211	0.271	
							Rear	122	5610	1.550	91.2%	17.50	16.45	0.733	1.023	0.208	0.290	
							Rear	138	5690	1.230	91.2%	17.50	16.23	0.769	1.129	0.209	0.307	154
							Front	122	5610	0.293	91.2%	17.50	16.45					
			Airplay	802.11ac (VHT80)	Mode B	5	Edge 3	122	5610	0.603	91.2%	17.50	16.45	0.342	0.477	0.103	0.144	
							Edge 4	122	5610	0.407	91.2%	17.50	16.45					
Antenna	WWAN Power	Band	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	Area Scan Max. SAR (W/kg)	Duty Cycle	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
												Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT5	Cell OFF	U-NII-3	Head	802.11a	Mode A	0	Left Touch	157	5785	0.049	97.7%	21.50	20.01	0.000	0.000	0.000	0.000	155
							Left Tilt	157	5785	0.025	97.7%	21.50	20.01					
							Right Touch	157	5785	0.029	97.7%	21.50	20.01					
							Right Tilt	157	5785	0.034	97.7%	21.50	20.01					
			Body & Airplay	802.11ac (VHT80)	Mode B	5	Rear	155	5775	2.010	91.2%	17.50	16.35	0.797	1.139	0.223	0.319	156
							Front	155	5775	0.524	91.2%	17.50	16.35					
			Airplay	802.11ac (VHT80)	Mode B	5	Edge 3	155	5775	0.618	91.2%	17.50	16.35					
							Edge 4	155	5775	0.720	91.2%	17.50	16.35	0.306	0.437	0.103	0.147	
Antenna	WWAN Power	Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	Area Scan Max. SAR (W/kg)	Duty Cycle	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
												Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT6	Cell OFF	U-NII-2A	Head	802.11n (HT40)	Mode A	0	Left Touch	54	5270	0.473	96.1%	18.75	17.63					
							Left Tilt	54	5270	0.597	96.1%	18.75	17.63					
							Right Touch	54	5270	1.950	96.1%	18.75	17.63	0.845	1.138	0.297	0.400	157
							Right Touch	62	5310	1.440	96.1%	17.00	15.53	0.600	0.876	0.216	0.315	
							Right Tilt	54	5270	0.682	96.1%	18.75	17.63	0.582	0.784	0.197	0.265	
		U-NII-1	Body & Airplay	802.11n (HT40)	Mode B	5	Rear	38	5190	1.170	96.1%	16.50	14.92	0.485	0.726	0.128	0.192	
							Rear	46	5230	1.730	96.1%	18.00	16.67	0.810	1.145	0.207	0.293	158
							Front	46	5230	0.518	96.1%	18.00	16.67					
			Airplay	802.11n (HT40)	Mode B	5	Edge 1	46	5230	0.263	96.1%	18.00	16.67					
							Edge 4	46	5230	1.070	96.1%	18.00	16.67	0.489	0.691	0.162	0.229	
Antenna	WWAN Power	Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	Area Scan Max. SAR (W/kg)	Duty Cycle	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
												Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT6	Cell OFF	U-NII-2C	Head	802.11ac (VHT80)	Mode A	0	Left Touch	122	5610	0.488	91.2%	19.25	17.94					
							Left Tilt	122	5610	0.421	91.2%	19.25	17.94					
							Right Touch	106	5530	1.010	91.2%	17.00	15.64	0.452	0.678	0.175	0.262	
							Right Touch	122	5610	1.470	91.2%	19.25	17.94	0.743	1.101	0.291	0.431	
							Right Touch	138	5690	1.580	91.2%	19.25	17.78	0.732	1.126	0.269	0.414	159
							Right Tilt	122	5610	0.957	91.2%	19.25	17.94	0.424	0.628	0.149	0.221	
			Body & Airplay	802.11ac (VHT80)	Mode B	5	Rear	106	5530	2.280	91.2%	17.00	15.83	0.793	1.138	0.198	0.284	160
							Rear	122	5610	2.520	91.2%	17.00	15.88	0.782	1.109	0.211	0.299	
							Rear	138	5690	1.310	91.2%	17.00	15.74	0.744	1.090	0.194	0.284	
							Front	122	5610	0.289	91.2%	17.00	15.88					
			Airplay	802.11ac (VHT80)	Mode B	5	Edge 1	122	5610	0.007	91.2%	17.00	15.88					
							Edge 4	106	5530	1.060	91.2%	17.00	15.83	0.489	0.702	0.145	0.208	
							Edge 4	122	5610	1.520	91.2%	17.00	15.88	0.626	0.888	0.190	0.270	
							Edge 4	138	5690	1.280	91.2%	17.00	15.74	0.563	0.825	0.164	0.240	
Antenna	WWAN Power	Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	Area Scan Max. SAR (W/kg)	Duty Cycle	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
												Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT6	Cell OFF	U-NII-3	Head	802.11ac (VHT80)	Mode A	0	Left Touch	155	5775	0.494	91.2%	19.75	18.66					
							Left Tilt	155	5775	0.334	91.2%	19.75	18.66					
							Right Touch	155	5775	1.830	91.2%	19.75	18.66	0.806	1.136	0.256	0.361	161
							Right Tilt	155	5775	0.906	91.2%	19.75	18.66	0.451	0.635	0.156	0.220	
			Body & Airplay	802.11ac (VHT80)	Mode B	5	Rear	155	5775	1.810	91.2%	17.00	15.89	0.803	1.137	0.196	0.277	162
							Front	155	5775	0.356	91.2%	17.00	15.89					
			Airplay	802.11ac (VHT80)	Mode B	5	Edge 1	155	5775	0.173	91.2%	17.00	15.89					
							Edge 4	155	5775	1.240	91.2%	17.00	15.89	0.477	0.675	0.134	0.190	

Antenna	WWAN Power	Band	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	Area Scan Max. SAR (W/kg)	Duty Cycle	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
												Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT5	Cell ON	U-NII-2A	Head	802.11n (HT40)	Mode A	0	Left Touch	54	5270	0.084	96.1%	18.50	18.09					
							Left Tilt	54	5270	0.064	96.1%	18.50	18.09					
							Right Touch	54	5270	0.060	96.1%	18.50	18.09					
							Right Tilt	54	5270	0.107	96.1%	18.50	18.09	0.035	0.040	0.008	0.010	163
			Body & Airplay	802.11ac (VHT80)	Mode B	5	Rear	58	5290	0.585	91.2%	13.25	12.38	0.343	0.459	0.101	0.135	164
							Front	58	5290	0.202	91.2%	13.25	12.38					
			Airplay	802.11ac (VHT80)	Mode B	5	Edge 3	58	5290	0.210	91.2%	13.25	12.38					
							Edge 4	58	5290	0.372	91.2%	13.25	12.38	0.187	0.250	0.058	0.078	
Antenna	WWAN Power	Band	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	Area Scan Max. SAR (W/kg)	Duty Cycle	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
												Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT5	Cell ON	U-NII-2C	Head	802.11ac (VHT80)	Mode A	0	Left Touch	122	5610	0.014	91.2%	18.00	16.39	0.000	0.000	0.000	0.000	165
							Left Tilt	122	5610	0.009	91.2%	18.00	16.39					
							Right Touch	122	5610	0.006	91.2%	18.00	16.39					
							Right Tilt	122	5610	0.006	91.2%	18.00	16.39					
			Body & Airplay	802.11ac (VHT80)	Mode B	5	Rear	122	5610	0.486	91.2%	13.00	11.49	0.290	0.450	0.073	0.113	166
							Front	122	5610	0.139	91.2%	13.00	11.49					
			Airplay	802.11ac (VHT80)	Mode B	5	Edge 3	122	5610	0.204	91.2%	13.00	11.49					
							Edge 4	122	5610	0.263	91.2%	13.00	11.49	0.111	0.172	0.036	0.055	
Antenna	WWAN Power	Band	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	Area Scan Max. SAR (W/kg)	Duty Cycle	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
												Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT5	Cell ON	U-NII-3	Head	802.11ac (VHT80)	Mode A	0	Left Touch	155	5775	0.033	91.2%	19.50	18.45	0.000	0.000	0.000	0.000	167
							Left Tilt	155	5775	0.017	91.2%	19.50	18.45					
							Right Touch	155	5775	0.023	91.2%	19.50	18.45					
							Right Tilt	155	5775	0.026	91.2%	19.50	18.45					
			Body & Airplay	802.11ac (VHT80)	Mode B	5	Rear	155	5775	0.498	91.2%	13.75	12.72	0.324	0.450	0.082	0.114	168
							Front	155	5775	0.161	91.2%	13.75	12.72					
			Airplay	802.11ac (VHT80)	Mode B	5	Edge 3	155	5775	0.278	91.2%	13.75	12.72					
							Edge 4	155	5775	0.258	91.2%	13.75	12.72	0.124	0.172	0.035	0.049	
Antenna	WWAN Power	Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	Area Scan Max. SAR (W/kg)	Duty Cycle	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
												Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT6	Cell ON	U-NII-2A	Head	802.11ac (VHT80)	Mode A	0	Left Touch	58	5290	0.165	91.2%	13.75	12.37					
							Left Tilt	58	5290	0.182	91.2%	13.75	12.37					
							Right Touch	58	5290	0.522	91.2%	13.75	12.37	0.233	0.351	0.085	0.128	169
							Right Tilt	58	5290	0.269	91.2%	13.75	12.37					
			Body & Airplay	802.11ac (VHT80)	Mode B	5	Rear	58	5290	0.507	91.2%	14.00	12.75	0.307	0.449	0.075	0.110	170
							Front	58	5290	0.151	91.2%	14.00	12.75					
			Airplay	802.11ac (VHT80)	Mode B	5	Edge 1	58	5290	0.091	91.2%	14.00	12.75					
							Edge 4	58	5290	0.342	91.2%	14.00	12.75	0.162	0.237	0.052	0.076	
Antenna	WWAN Power	Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	Area Scan Max. SAR (W/kg)	Duty Cycle	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
												Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT6	Cell ON	U-NII-2C	Head	802.11ac (VHT80)	Mode A	0	Left Touch	122	5610	0.102	91.2%	14.25	13.51					
							Left Tilt	122	5610	0.114	91.2%	14.25	13.51					
							Right Touch	122	5610	0.587	91.2%	14.25	13.51	0.276	0.359	0.100	0.130	171
							Right Tilt	122	5610	0.314	91.2%	14.25	13.51					
			Body & Airplay	802.11ac (VHT80)	Mode B	5	Rear	122	5610	0.584	91.2%	12.75	11.50	0.303	0.443	0.064	0.094	172
							Front	122	5610	0.062	91.2%	12.75	11.50					
			Airplay	802.11ac (VHT80)	Mode B	5	Edge 1	122	5610	0.058	91.2%	12.75	11.50					
							Edge 4	122	5610	0.369	91.2%	12.75	11.50	0.170	0.249	0.046	0.067	
Antenna	WWAN Power	Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	Area Scan Max. SAR (W/kg)	Duty Cycle	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
												Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT6	Cell ON	U-NII-3	Head	802.11ac (VHT80)	Mode A	0	Left Touch	155	5775	0.116	91.2%	15.50	14.51					
							Left Tilt	155	5775	0.125	91.2%	15.50	14.51					
							Right Touch	155	5775	0.807	91.2%	15.50	14.51	0.259	0.357	0.079	0.109	173
							Right Tilt	155	5775	0.360	91.2%	15.50	14.51					
			Body & Airplay	802.11ac (VHT80)	Mode B	5	Rear	155	5775	0.357	91.2%	13.00	11.68	0.309	0.459	0.068	0.101	174
							Front	155	5775	0.131	91.2%	13.00	11.68					
			Airplay	802.11ac (VHT80)	Mode B	5	Edge 1	155	5775	0.068	91.2%	13.00	11.68					
							Edge 4	155	5775	0.627	91.2%	13.00	11.68	0.238	0.354	0.064	0.096	

10.36. Bluetooth

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	Duty Cycle	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
									Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT3 P_{low}	Head	GFSK	Mode A	0	Left Touch	39	2441	100.0%	12.75	11.52	0.017	0.023	0.010	0.013	175
					Left Tilt	39	2441	100.0%	12.75	11.52	0.009	0.012	0.004	0.005	
					Right Touch	39	2441	100.0%	12.75	11.52	0.007	0.009	0.002	0.003	
					Right Tilt	39	2441	100.0%	12.75	11.52	0.011	0.015	0.004	0.005	
	Body & Hotspot	GFSK	Mode B	5	Rear	39	2441	100.0%	11.00	9.95	0.048	0.061	0.024	0.031	176
					Front	39	2441	100.0%	11.00	9.95	0.048	0.061	0.024	0.031	
	Hotspot	GFSK	Mode B	5	Edge 3	39	2441	100.0%	11.00	9.95	0.007	0.009	0.002	0.003	
					Edge 4	39	2441	100.0%	11.00	9.95	0.070	0.089	0.021	0.027	177
Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	Duty Cycle	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
									Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT3 P_{high}	Head	GFSK	Mode A	0	Left Touch	39	2441	100.0%	18.75	17.39	0.083	0.114	0.046	0.063	178
					Left Tilt	39	2441	100.0%	18.75	17.39	0.044	0.061	0.025	0.034	
					Right Touch	39	2441	100.0%	18.75	17.39	0.057	0.078	0.033	0.045	
					Right Tilt	39	2441	100.0%	18.75	17.39	0.065	0.089	0.035	0.048	
	Body & Hotspot	GFSK	Mode B	5	Rear	39	2441	100.0%	16.75	15.86	0.215	0.264	0.109	0.134	179
					Front	39	2441	100.0%	16.75	15.86	0.178	0.218	0.090	0.110	
	Hotspot	GFSK	Mode B	5	Edge 3	39	2441	100.0%	16.75	15.86	0.042	0.052	0.021	0.026	
					Edge 4	39	2441	100.0%	16.75	15.86	0.291	0.358	0.130	0.160	180
Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	Duty Cycle	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
									Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT3 $P_{standlone}$	Head	GFSK	Mode A	0	Left Touch	39	2441	100.0%	20.00	19.99	0.154	0.154	0.089	0.089	181
					Left Tilt	39	2441	100.0%	20.00	19.99	0.092	0.092	0.049	0.049	
					Right Touch	39	2441	100.0%	20.00	19.99	0.091	0.091	0.051	0.051	
					Right Tilt	39	2441	100.0%	20.00	19.99	0.121	0.121	0.063	0.063	
	Body & Hotspot	GFSK	Mode B	5	Rear	39	2441	100.0%	20.00	19.99	0.564	0.565	0.292	0.293	182
					Front	39	2441	100.0%	20.00	19.99	0.494	0.495	0.256	0.257	
	Hotspot	GFSK	Mode B	5	Edge 3	39	2441	100.0%	20.00	19.99	0.097	0.098	0.049	0.049	
					Edge 4	0	2402	100.0%	20.00	19.96	0.814	0.822	0.355	0.358	
					Edge 4	39	2441	100.0%	20.00	19.99	0.839	0.841	0.371	0.372	183
					Edge 4	78	2480	100.0%	20.00	19.97	0.809	0.815	0.356	0.358	
Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	Duty Cycle	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
									Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT4 P_{low}	Head	GFSK	Mode A	0	Left Touch	39	2441	100.0%	9.50	8.12	0.041	0.056	0.017	0.023	184
					Left Tilt	39	2441	100.0%	9.50	8.12	0.012	0.016	0.004	0.006	
					Right Touch	39	2441	100.0%	9.50	8.12	0.013	0.018	0.007	0.009	
					Right Tilt	39	2441	100.0%	9.50	8.12	0.003	0.004	0.001	0.001	
	Body & Hotspot	GFSK	Mode B	5	Rear	39	2441	100.0%	10.50	9.12	0.058	0.080	0.024	0.033	185
					Front	39	2441	100.0%	10.50	9.12	0.027	0.037	0.012	0.016	
	Hotspot	GFSK	Mode B	5	Edge 1	39	2441	100.0%	10.50	9.12	0.011	0.015	0.003	0.004	
					Edge 2	39	2441	100.0%	10.50	9.12	0.061	0.084	0.023	0.032	186
Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	Duty Cycle	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
									Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT4 P_{high}	Head	GFSK	Mode A	0	Left Touch	39	2441	100.0%	15.50	14.07	0.210	0.292	0.094	0.131	187
					Left Tilt	39	2441	100.0%	15.50	14.07	0.060	0.083	0.025	0.035	
					Right Touch	39	2441	100.0%	15.50	14.07	0.042	0.058	0.020	0.028	
					Right Tilt	39	2441	100.0%	15.50	14.07	0.022	0.031	0.009	0.013	
	Body & Hotspot	GFSK	Mode B	5	Rear	39	2441	100.0%	16.50	15.42	0.185	0.237	0.092	0.118	188
					Front	39	2441	100.0%	16.50	15.42	0.100	0.128	0.043	0.055	
	Hotspot	GFSK	Mode B	5	Edge 1	39	2441	100.0%	16.50	15.42	0.034	0.044	0.014	0.018	
					Edge 2	39	2441	100.0%	16.50	15.42	0.280	0.359	0.112	0.144	189
Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	Duty Cycle	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
									Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT4 $P_{standlone}$	Head	GFSK	Mode A	0	Left Touch	0	2402	100.0%	20.00	19.11	0.655	0.804	0.281	0.345	
					Left Touch	39	2441	100.0%	20.00	19.29	0.700	0.824	0.317	0.373	190
					Left Touch	78	2480	100.0%	20.00	19.10	0.582	0.716	0.251	0.309	
					Left Tilt	39	2441	100.0%	20.00	19.29	0.362	0.426	0.165	0.194	
					Right Touch	39	2441	100.0%	20.00	19.29	0.297	0.350	0.154	0.181	
					Right Tilt	39	2441	100.0%	20.00	19.29	0.120	0.141	0.062	0.073	
	Body & Hotspot	GFSK	Mode B	5	Rear	39	2441	100.0%	20.00	19.49	0.486	0.547	0.226	0.254	191
					Front	39	2441	100.0%	20.00	19.49	0.303	0.341	0.116	0.130	
	Hotspot	GFSK	Mode B	5	Edge 1	39	2441	100.0%	20.00	19.49	0.140	0.157	0.056	0.063	
					Edge 2	0	2402	100.0%	20.00	19.42	0.716	0.818	0.308	0.352	
					Edge 2	39	2441	100.0%	20.00	19.49	0.810	0.911	0.347	0.390	192
					Edge 2	78	2480	100.0%	20.00	19.40	0.570	0.654	0.248	0.285	

10.37. MSS (Mobile Satellite Service)

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
								Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT1	Body & Hotspot	1-PRB SC-FDMA	Mode B	5	Rear	262391	1617.6	21.0	19.9	0.525	0.676	0.285	0.367	321
					Front	262391	1617.6	21.0	19.9	0.365	0.470	0.201	0.259	
	Hotspot	1-PRB SC-FDMA	Mode B	5	Edge 2	262391	1617.6	21.0	19.9	0.422	0.544	0.204	0.263	
					Edge 3	262316	1610.1	21.0	19.8	0.644	0.849	0.322	0.424	
					Edge 3	262391	1617.6	21.0	19.9	0.726	0.935	0.356	0.459	322
					Edge 3	262466	1625.1	21.0	19.7	0.661	0.892	0.330	0.445	
					Edge 4	262391	1617.6	21.0	19.9	0.007	0.008	0.002	0.002	

Antenna	RF Exposure Conditions	Mode	Power Mode	Dist. (mm)	Test Position	Ch #.	Freq. (MHz)	Power (dBm)		1-g SAR (W/kg)		10-g SAR (W/kg)		Plot No.
								Tune-up Limit	Meas.	Meas.	Scaled	Meas.	Scaled	
ANT4	Body & Hotspot	1-PRB SC-FDMA	Mode B	5	Rear	262391	1617.6	22.0	21.0	0.559	0.704	0.290	0.365	323
					Front	262391	1617.6	22.0	21.0	0.476	0.599	0.253	0.319	
	Hotspot	1-PRB SC-FDMA	Mode B	5	Edge 1	262391	1617.6	22.0	21.0	0.307	0.386	0.152	0.191	
					Edge 2	262316	1610.1	22.0	21.0	0.816	1.027	0.405	0.510	
					Edge 2	262391	1617.6	22.0	21.0	0.808	1.017	0.401	0.505	
					Edge 2	262466	1625.1	22.0	21.0	0.828	1.042	0.410	0.516	324
					Edge 4	262391	1617.6	22.0	21.0	0.040	0.051	0.022	0.028	

Note(s):

Although hotspot mode is not supported for MSS, the MSS was assessed for the hotspot exposure condition to conservatively address both close to body and interactive (extremity) use conditions.

11. SAR Measurement Variability

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

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

Frequency Band (MHz)	Air Interface	RF Exposure Conditions	Test Position	Repeated SAR (Yes/No)	Highest Measured SAR (W/kg)	First Repeated	
						Measured SAR (W/kg)	Largest to Smallest SAR Ratio
850	WCDMA Band V	Body & Hotspot	Rear	Yes	0.836	0.761	1.10
1700	WCDMA Band IV	Hotspot	Edge 2	No	0.828	N/A	N/A
	LTE Band 66	Head	Left Touch	No	0.830	N/A	N/A
	FR1 n66	Hotspot	Edge 2	Yes	0.841	0.807	1.04
1900	GSM 1900	Hotspot	Edge 4	No	0.823	N/A	N/A
	WCDMA Band II	Head	Right Touch	No	0.829	N/A	N/A
	LTE Band 25	Head	Left Touch	Yes	0.849	0.839	1.01
	FR1 n25	Hotspot	Edge 4	No	0.844	N/A	N/A
2300	LTE Band 30	Head	Left Tilt	No	0.863	N/A	N/A
	FR1 n30	Head	Left Tilt	Yes	0.904	0.887	1.02
2400	Wi-Fi 802.11b/g/n	Hotspot	Edge 4	Yes	0.864	0.860	1.00
	BT	Hotspot	Edge 4	No	0.839	N/A	N/A
	LTE Band 53	Head	Left Touch	No	0.826	0.818	1.01
2500	LTE Band 7	Head	Left Touch	Yes	0.877	0.816	1.07
	FR1 n7	Hotspot	Edge 2	No	0.846	N/A	N/A
2600	LTE Band 41	Head	Left Touch	No	0.875	N/A	N/A
	FR1 n41	Head	Left Tilt	Yes	0.926	0.856	1.08
3600	LTE Band 48	Hotspot	Edge 2	No	0.810	N/A	N/A
	FR1 n77 (Block A)	Head	Left Touch	Yes	0.898	0.842	1.07
	FR1 n77 (Block C)	Head	Left Touch	No	0.851	N/A	N/A
5200	Wi-Fi 802.11a/n/ac	Body & Hotspot	Rear	Yes	0.810	0.778	1.04
5300	Wi-Fi 802.11a/n/ac	Head	Right Touch	Yes	0.845	0.838	1.01
5800	Wi-Fi 802.11a/n/ac	Body & Hotspot	Rear	Yes	0.806	0.770	1.05

Note(s):

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

12. Simultaneous Transmission Conditions

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

Sum of SAR

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

SAR to Peak Location Ratio (SPLSR)

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

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

Where:

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

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

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

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

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

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

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

Simultaneous transmission SAR measurement

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

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

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

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

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

Power Scaling Factor is used to allow the volume scans to be scaled by a value other than "1", this is important when the results need to be scaled to different maximum power levels. The Power Scaling Factor is applied to each individual point of the scan. When power scaling is used in multi-band combinations the scaling factor is applied to each individual point of the first scan, the second factor is then applied to each individual point of the second scan and so on. The scans are then combined.

Simultaneous transmission SAR Exclusion

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

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

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

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

RF Exposure Condition	Item	Capable Transmit Configurations		
Head Body Worn Accessory Hotspot	1	WWAN & 5G OFF (CELLULAR ANTENNAS OFF)	+ (ANT5) Wi-Fi 5 GHz SISO	+ (ANT3) Bluetooth (P_{High})
	2		+ (ANT6) Wi-Fi 5 GHz SISO	+ (ANT3) Bluetooth (P_{High})
	3		+ Wi-Fi 5 GHz MIMO	+ (ANT3) Bluetooth (P_{High})
	4		+ (ANT5) Wi-Fi 5 GHz SISO	+ (ANT4) Bluetooth (P_{High})
	5		+ (ANT6) Wi-Fi 5 GHz SISO	+ (ANT4) Bluetooth (P_{High})
	6		+ Wi-Fi 5 GHz MIMO	+ (ANT4) Bluetooth (P_{High})
	7	WWAN & 5G ON (CELLULAR ANTENNAS ON)	+ (ANT3) Wi-Fi 2.4 GHz SISO	
	8		+ (ANT4) Wi-Fi 2.4 GHz SISO	
	9		+ Wi-Fi 2.4 GHz MIMO	
	10			+ (ANT3) Bluetooth (P_{High})
	11			+ (ANT4) Bluetooth (P_{High})
	12		+ (ANT5) Wi-Fi 5 GHz SISO	
	13		+ (ANT6) Wi-Fi 5 GHz SISO	
	14		+ Wi-Fi 5 GHz MIMO	
	15		+ (ANT5) Wi-Fi 5 GHz SISO	+ (ANT3) Bluetooth (P_{low})
	16		+ (ANT6) Wi-Fi 5 GHz SISO	+ (ANT3) Bluetooth (P_{low})
	17		+ Wi-Fi 5 GHz MIMO	+ (ANT3) Bluetooth (P_{low})
	18		+ (ANT5) Wi-Fi 5 GHz SISO	+ (ANT4) Bluetooth (P_{low})
	19		+ (ANT6) Wi-Fi 5 GHz SISO	+ (ANT4) Bluetooth (P_{low})
	20		+ Wi-Fi 5 GHz MIMO	+ (ANT4) Bluetooth (P_{low})

Note(s):

1. Wi-Fi 2.4GHz & Bluetooth cannot transmit simultaneously.
2. Wi-Fi 2.4GHz & Wi-Fi 5GHz cannot transmit simultaneously.
3. WWAN cannot transmit simultaneously.
4. Bluetooth P_{low} is used with Wi-Fi and WWAN antennas are active.
5. 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.
6. Bluetooth $P_{standalone}$ is used with Wi-Fi and WWAN antennas are inactive.
7. 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.
8. 5G NR only supported NSA mode.
9. For EN-DC mode, Qualcomm Smart Transmit algorithm in WWAN adds directly the time-averaged RF exposure from 4G(LTE) and time-averaged RF exposure from 5G NR. Smart Transmit algorithm controls the total RF exposure from both 4G and 5G NR to not exceed FCC limit. Therefore, simultaneous transmission compliance between 4G+5G NR operation is demonstrated in the Part 2 Report during algorithm validation. In Part 1 Report, simultaneous transmission compliance was evaluated individually with other Radios (WLAN or BT) using one of 4G or 5G NR.

12.1. Sum of the SAR for WWAN Cell-off & Wi-Fi & BT results

RF Exposure conditions	Test Position	Standalone SAR (W/kg)				∑ 1-g SAR (W/kg)			
		1	2	3	4				
		Wi-Fi 5G $P_{cell\ OFF}$ ANT5	Wi-Fi 5G $P_{cell\ OFF}$ ANT6	BT(P_{high}) ANT3	BT(P_{high}) ANT4	1+3	1+4	2+3	2+4
Head	Left Touch	0.027	0.784	0.114	0.292	0.141	0.319	0.898	1.076
	Left Tilt	0.027	0.784	0.061	0.083	0.088	0.111	0.844	0.867
	Right Touch	0.027	1.138	0.078	0.058	0.105	0.086	1.216	1.196
	Right Tilt	0.057	0.784	0.089	0.031	0.145	0.087	0.873	0.814
Body-worn & Hotspot	Rear	1.148	1.145	0.264	0.237	1.411	1.385	1.409	1.382
	Front	1.148	1.145	0.218	0.128	1.366	1.276	1.363	1.273
Hotspot	Edge 1		0.888		0.044		0.044	0.888	0.932
	Edge 2				0.359		0.359		0.359
	Edge 3	0.477		0.052		0.529	0.477	0.052	
	Edge 4	0.744	0.888	0.358		1.102	0.744	1.246	0.888

12.2. Sum of the SAR for WWAN(TNE) Cell-on ANT1 & Wi-Fi & BT results

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 1-g SAR (W/kg)			
		1	2	3	6	7				
		WWAN (TNE) ANT1	Wi-Fi 2.4G $P_{cell\ ON}$ ANT3	Wi-Fi 2.4G $P_{cell\ ON}$ ANT4	BT(P_{high}) ANT3	BT(P_{high}) ANT4	1+2	1+3	1+6	1+7
Head	Left Touch	0.071	0.224	0.425	0.114	0.292	0.294	0.495	0.185	0.363
	Left Tilt	0.078	0.224	0.134	0.061	0.083	0.301	0.212	0.139	0.161
	Right Touch	0.149	0.224	0.134	0.078	0.058	0.373	0.283	0.227	0.208
	Right Tilt	0.043	0.224	0.134	0.089	0.031	0.267	0.177	0.132	0.073
Body-worn & Hptspot	Rear	0.680	0.346	0.350	0.264	0.237	1.026	1.030	0.944	0.917
	Front	0.544	0.346	0.350	0.218	0.128	0.890	0.894	0.762	0.672
Hotspot	Edge 1			0.350		0.044		0.350		0.044
	Edge 2	0.928		0.535		0.359	0.928	1.464	0.928	1.287
	Edge 3	0.892	0.346		0.052		1.238	0.892	0.943	0.892
	Edge 4	0.076	0.517		0.358		0.592	0.076	0.433	0.076

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 1-g SAR (W/kg)			
		1	4	5	8	9				
		WWAN (TNE) ANT1	Wi-Fi 5G $P_{cell\ ON}$ ANT5	Wi-Fi 5G $P_{cell\ ON}$ ANT6	BT(P_{Low}) ANT3	BT(P_{Low}) ANT4	1+4+8	1+4+9	1+5+8	1+5+9
Head	Left Touch	0.071	0.040	0.359	0.023	0.056	0.133	0.167	0.452	0.486
	Left Tilt	0.078	0.040	0.359	0.012	0.016	0.130	0.134	0.449	0.453
	Right Touch	0.149	0.040	0.359	0.009	0.018	0.199	0.207	0.517	0.526
	Right Tilt	0.043	0.040	0.359	0.015	0.004	0.097	0.087	0.416	0.406
Body-worn & Hptspot	Rear	0.680	0.459	0.459	0.061	0.080	1.201	1.219	1.200	1.219
	Front	0.544	0.459	0.459	0.061	0.037	1.065	1.040	1.064	1.040
Hotspot	Edge 1			0.354		0.015		0.015	0.354	0.369
	Edge 2	0.928				0.084	0.928	1.012	0.928	1.012
	Edge 3	0.892	0.250		0.009		1.152	1.142	0.901	0.892
	Edge 4	0.076	0.250	0.354	0.089		0.415	0.326	0.518	0.429

12.3. Sum of the SAR for WWAN(TNE) Cell-on ANT2 & Wi-Fi & BT results

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 1-g SAR (W/kg)			
		1	2	3	6	7	1+2	1+3	1+6	1+7
		WWAN (TNE) ANT2	Wi-Fi 2.4G $P_{cell\ ON}$ ANT3	Wi-Fi 2.4G $P_{cell\ ON}$ ANT4	BT(P_{High}) ANT3	BT(P_{High}) ANT4				
Head	Left Touch	0.912	0.224	0.425	0.114	0.292	1.135	1.337	1.026	1.204
	Left Tilt	0.907	0.224	0.134	0.061	0.083	1.131	1.041	0.968	0.990
	Right Touch	0.885	0.224	0.134	0.078	0.058	1.109	1.019	0.963	0.943
	Right Tilt	0.792	0.224	0.134	0.089	0.031	1.016	0.926	0.881	0.823
Body-worn & Hptspot	Rear	0.687	0.346	0.350	0.264	0.237	1.034	1.038	0.951	0.925
	Front	0.853	0.346	0.350	0.218	0.128	1.199	1.203	1.071	0.981
Hotspot	Edge 1	0.755		0.350		0.044	0.755	1.106	0.755	0.799
	Edge 2	0.055		0.535		0.359	0.055	0.591	0.055	0.414
	Edge 3		0.346		0.052		0.346		0.052	
	Edge 4	0.316	0.517		0.358		0.833	0.316	0.674	0.316

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 1-g SAR (W/kg)			
		1	4	5	8	9	1+4+8	1+4+9	1+5+8	1+5+9
		WWAN (TNE) ANT2	Wi-Fi 5G $P_{cell\ ON}$ ANT5	Wi-Fi 5G $P_{cell\ ON}$ ANT6	BT(P_{Low}) ANT3	BT(P_{Low}) ANT4				
Head	Left Touch	0.912	0.040	0.359	0.023	0.056	0.974	1.008	1.293	1.327
	Left Tilt	0.907	0.040	0.359	0.012	0.016	0.959	0.964	1.278	1.282
	Right Touch	0.885	0.040	0.359	0.009	0.018	0.934	0.943	1.253	1.262
	Right Tilt	0.792	0.040	0.359	0.015	0.004	0.847	0.836	1.166	1.155
Body-worn & Hptspot	Rear	0.687	0.459	0.459	0.061	0.080	1.208	1.227	1.208	1.226
	Front	0.853	0.459	0.459	0.061	0.037	1.374	1.349	1.373	1.349
Hotspot	Edge 1	0.755		0.354		0.015	0.755	0.771	1.109	1.124
	Edge 2	0.055				0.084	0.055	0.139	0.055	0.139
	Edge 3		0.250		0.009		0.260	0.250	0.009	
	Edge 4	0.316	0.250	0.354	0.089		0.656	0.567	0.759	0.670

12.4. Sum of the SAR for WWAN(TNE) Cell-on ANT4 & Wi-Fi & BT results

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 1-g SAR (W/kg)			
		1	2	3	6	7	1+2	1+3	1+6	1+7
		WWAN (TNE) ANT4	Wi-Fi 2.4G $P_{cell\ ON}$ ANT3	Wi-Fi 2.4G $P_{cell\ ON}$ ANT4	BT(P_{High}) ANT3	BT(P_{High}) ANT4				
Body-worn & Hptspot	Rear	0.000	0.346	0.350	0.264	0.237	0.346	0.350	0.264	0.237
	Front	0.599	0.346	0.350	0.218	0.128	0.945	0.949	0.818	0.727
Hotspot	Edge 1	0.386		0.350		0.044	0.386	0.737	0.386	0.430
	Edge 2	1.042		0.535		0.359	1.042	1.578	1.042	1.401
	Edge 3		0.346		0.052		0.346		0.052	
	Edge 4		0.517		0.358		0.517		0.358	

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 1-g SAR (W/kg)			
		1	4	5	8	9	1+4+8	1+4+9	1+5+8	1+5+9
		WWAN (TNE) ANT4	Wi-Fi 5G $P_{cell\ ON}$ ANT5	Wi-Fi 5G $P_{cell\ ON}$ ANT6	BT(P_{Low}) ANT3	BT(P_{Low}) ANT4				
Body-worn & Hptspot	Rear	0.000	0.459	0.459	0.061	0.080	0.521	0.539	0.520	0.539
	Front	0.599	0.459	0.459	0.061	0.037	1.120	1.096	1.119	1.095
Hotspot	Edge 1	0.386		0.354		0.015	0.386	0.402	0.740	0.755
	Edge 2	1.042				0.084	1.042	1.126	1.042	1.126
	Edge 3		0.250		0.009		0.260	0.250	0.009	
	Edge 4		0.250	0.354	0.089		0.340	0.250	0.443	0.354

12.5. Sum of the SAR for WWAN(PCE) Cell-on ANT1 & Wi-Fi & BT results

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 1-g SAR (W/kg)			
		1	2	3	6	7	1+2	1+3	1+6	1+7
		WWAN (PCE) ANT1	Wi-Fi 2.4G $P_{cell\ ON}$ ANT3	Wi-Fi 2.4G $P_{cell\ ON}$ ANT4	BT(P_{High}) ANT3	BT(P_{High}) ANT4				
Head	Left Touch	0.266	0.224	0.425	0.114	0.292	0.489	0.690	0.379	0.557
	Left Tilt	0.229	0.224	0.134	0.061	0.083	0.453	0.363	0.290	0.313
	Right Touch	0.472	0.224	0.134	0.078	0.058	0.696	0.606	0.550	0.531
	Right Tilt	0.157	0.224	0.134	0.089	0.031	0.381	0.291	0.246	0.188
Body-worn & Hptspot	Rear	0.938	0.346	0.350	0.264	0.237	1.284	1.288	1.202	1.175
	Front	0.617	0.346	0.350	0.218	0.128	0.963	0.967	0.835	0.745
Hotspot	Edge 1			0.350		0.044		0.350		0.044
	Edge 2	0.945		0.535		0.359	0.945	1.481	0.945	1.305
	Edge 3	0.934	0.346		0.052		1.280	0.934	0.986	0.934
	Edge 4	0.281	0.517		0.358		0.797	0.281	0.638	0.281

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 1-g SAR (W/kg)			
		1	4	5	8	9	1+4+8	1+4+9	1+5+8	1+5+9
		WWAN (PCE) ANT1	Wi-Fi 5G $P_{cell\ ON}$ ANT5	Wi-Fi 5G $P_{cell\ ON}$ ANT6	BT(P_{Low}) ANT3	BT(P_{Low}) ANT4				
Head	Left Touch	0.266	0.040	0.359	0.023	0.056	0.328	0.362	0.647	0.681
	Left Tilt	0.229	0.040	0.359	0.012	0.016	0.281	0.286	0.600	0.604
	Right Touch	0.472	0.040	0.359	0.009	0.018	0.522	0.530	0.840	0.849
	Right Tilt	0.157	0.040	0.359	0.015	0.004	0.212	0.202	0.531	0.520
Body-worn & Hptspot	Rear	0.938	0.459	0.459	0.061	0.080	1.459	1.477	1.458	1.477
	Front	0.617	0.459	0.459	0.061	0.037	1.137	1.113	1.137	1.113
Hotspot	Edge 1			0.354		0.015		0.015	0.354	0.369
	Edge 2	0.945				0.084	0.945	1.029	0.945	1.029
	Edge 3	0.934	0.250		0.009		1.194	1.185	0.944	0.934
	Edge 4	0.281	0.250	0.354	0.089		0.620	0.531	0.723	0.634

12.6. Sum of the SAR for WWAN(PCE) Cell-on ANT2 & Wi-Fi & BT results

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 1-g SAR (W/kg)			
		1	2	3	6	7	1+2	1+3	1+6	1+7
		WWAN (PCE) ANT2	Wi-Fi 2.4G $P_{cell\ ON}$ ANT3	Wi-Fi 2.4G $P_{cell\ ON}$ ANT4	BT(P_{High}) ANT3	BT(P_{High}) ANT4				
Head	Left Touch	0.940	0.224	0.425	0.114	0.292	1.163	1.364	1.054	1.232
	Left Tilt	0.948	0.224	0.134	0.061	0.083	1.171	1.082	1.008	1.031
	Right Touch	0.941	0.224	0.134	0.078	0.058	1.165	1.075	1.019	0.999
	Right Tilt	0.838	0.224	0.134	0.089	0.031	1.062	0.972	0.927	0.869
Body-worn & Hptspot	Rear	0.938	0.346	0.350	0.264	0.237	1.284	1.288	1.201	1.175
	Front	0.793	0.346	0.350	0.218	0.128	1.139	1.143	1.011	0.921
Hotspot	Edge 1	0.946		0.350		0.044	0.946	1.296	0.946	0.990
	Edge 2	0.274		0.535		0.359	0.274	0.810	0.274	0.633
	Edge 3		0.346		0.052		0.346		0.052	
	Edge 4	0.650	0.517		0.358		1.166	0.650	1.007	0.650

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 1-g SAR (W/kg)			
		1	4	5	8	9	1+4+8	1+4+9	1+5+8	1+5+9
		WWAN (PCE) ANT2	Wi-Fi 5G $P_{cell\ ON}$ ANT5	Wi-Fi 5G $P_{cell\ ON}$ ANT6	BT(P_{Low}) ANT3	BT(P_{Low}) ANT4				
Head	Left Touch	0.940	0.040	0.359	0.023	0.056	1.002	1.036	1.321	1.355
	Left Tilt	0.948	0.040	0.359	0.012	0.016	1.000	1.004	1.318	1.323
	Right Touch	0.941	0.040	0.359	0.009	0.018	0.990	0.999	1.309	1.318
	Right Tilt	0.838	0.040	0.359	0.015	0.004	0.893	0.882	1.211	1.201
Body-worn & Hptspot	Rear	0.938	0.459	0.459	0.061	0.080	1.458	1.477	1.458	1.476
	Front	0.793	0.459	0.459	0.061	0.037	1.313	1.289	1.313	1.289
Hotspot	Edge 1	0.946		0.354		0.015	0.946	0.961	1.300	1.315
	Edge 2	0.274				0.084	0.274	0.358	0.274	0.358
	Edge 3		0.250		0.009		0.260	0.250	0.009	
	Edge 4	0.650	0.250	0.354	0.089		0.989	0.900	1.092	1.003

12.7. Sum of the SAR for WWAN(PCE) Cell-on ANT3 & Wi-Fi & BT results

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 1-g SAR (W/kg)			
		1	2	3	6	7	1+2	1+3	1+6	1+7
		WWAN (PCE) ANT3	Wi-Fi 2.4G $P_{cell\ ON}$ ANT3	Wi-Fi 2.4G $P_{cell\ ON}$ ANT4	BT(P_{High}) ANT3	BT(P_{High}) ANT4				
Head	Left Touch	0.606	0.224	0.425	0.114	0.292	0.830	1.031	0.720	0.898
	Left Tilt	0.223	0.224	0.134	0.061	0.083	0.446	0.357	0.283	0.306
	Right Touch	0.317	0.224	0.134	0.078	0.058	0.541	0.451	0.395	0.375
	Right Tilt	0.359	0.224	0.134	0.089	0.031	0.583	0.493	0.448	0.390
Body-worn & Hptspot	Rear	0.809	0.346	0.350	0.264	0.237	1.156	1.159	1.073	1.047
	Front	0.557	0.346	0.350	0.218	0.128	0.903	0.907	0.775	0.685
Hotspot	Edge 1			0.350		0.044		0.350		0.044
	Edge 2			0.535		0.359		0.535		0.359
	Edge 3	0.237	0.346		0.052		0.583	0.237	0.288	0.237
	Edge 4	0.939	0.517		0.358		1.456	0.939	1.297	0.939

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 1-g SAR (W/kg)			
		1	4	5	8	9	1+4+8	1+4+9	1+5+8	1+5+9
		WWAN (PCE) ANT3	Wi-Fi 5G $P_{cell\ ON}$ ANT5	Wi-Fi 5G $P_{cell\ ON}$ ANT6	BT(P_{Low}) ANT3	BT(P_{Low}) ANT4				
Head	Left Touch	0.606	0.040	0.359	0.023	0.056	0.669	0.703	0.988	1.021
	Left Tilt	0.223	0.040	0.359	0.012	0.016	0.275	0.279	0.593	0.598
	Right Touch	0.317	0.040	0.359	0.009	0.018	0.366	0.375	0.685	0.694
	Right Tilt	0.359	0.040	0.359	0.015	0.004	0.414	0.404	0.733	0.722
Body-worn & Hptspot	Rear	0.809	0.459	0.459	0.061	0.080	1.330	1.349	1.330	1.348
	Front	0.557	0.459	0.459	0.061	0.037	1.077	1.053	1.077	1.053
Hotspot	Edge 1			0.354		0.015		0.015	0.354	0.369
	Edge 2					0.084		0.084		0.084
	Edge 3	0.237	0.250		0.009		0.497	0.487	0.246	0.237
	Edge 4	0.939	0.250	0.354	0.089		1.279	1.189	1.382	1.293

12.8. Sum of the SAR for WWAN(PCE) Cell-on ANT4 & Wi-Fi & BT results

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 1-g SAR (W/kg)			
		1	2	3	6	7	1+2	1+3	1+6	1+7
		WWAN (PCE) ANT4	Wi-Fi 2.4G $P_{cell\ ON}$ ANT3	Wi-Fi 2.4G $P_{cell\ ON}$ ANT4	BT(P_{High}) ANT3	BT(P_{High}) ANT4				
Head	Left Touch	0.940	0.224	0.425	0.114	0.292	1.164	1.365	1.054	1.232
	Left Tilt	0.763	0.224	0.134	0.061	0.083	0.987	0.897	0.824	0.847
	Right Touch	0.589	0.224	0.134	0.078	0.058	0.813	0.723	0.667	0.647
	Right Tilt	0.347	0.224	0.134	0.089	0.031	0.570	0.481	0.436	0.377
Body-worn & Hptspot	Rear	0.849	0.346	0.350	0.264	0.237	1.196	1.199	1.113	1.087
	Front	0.735	0.346	0.350	0.218	0.128	1.081	1.085	0.953	0.863
Hotspot	Edge 1	0.386		0.350		0.044	0.386	0.737	0.386	0.430
	Edge 2	1.042		0.535		0.359	1.042	1.578	1.042	1.401
	Edge 3		0.346		0.052		0.346		0.052	
	Edge 4		0.517		0.358		0.517		0.358	

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 1-g SAR (W/kg)			
		1	4	5	8	9	1+4+8	1+4+9	1+5+8	1+5+9
		WWAN (PCE) ANT4	Wi-Fi 5G $P_{cell\ ON}$ ANT5	Wi-Fi 5G $P_{cell\ ON}$ ANT6	BT(P_{Low}) ANT3	BT(P_{Low}) ANT4				
Head	Left Touch	0.940	0.040	0.359	0.023	0.056	1.003	1.037	1.322	1.355
	Left Tilt	0.763	0.040	0.359	0.012	0.016	0.815	0.820	1.134	1.138
	Right Touch	0.589	0.040	0.359	0.009	0.018	0.638	0.647	0.957	0.966
	Right Tilt	0.347	0.040	0.359	0.015	0.004	0.401	0.391	0.720	0.710
Body-worn & Hptspot	Rear	0.849	0.459	0.459	0.061	0.080	1.370	1.389	1.370	1.388
	Front	0.735	0.459	0.459	0.061	0.037	1.255	1.231	1.255	1.231
Hotspot	Edge 1	0.386		0.354		0.015	0.386	0.402	0.740	0.755
	Edge 2	1.042				0.084	1.042	1.126	1.042	1.126
	Edge 3		0.250		0.009		0.260	0.250	0.009	
	Edge 4		0.250	0.354	0.089		0.340	0.250	0.443	0.354

12.9. Sum of the SAR for WWAN(PCE) Cell-on ANT7 & Wi-Fi & BT results

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 1-g SAR (W/kg)			
		1	2	3	6	7	1+2	1+3	1+6	1+7
		WWAN (PCE) ANT7	Wi-Fi 2.4G $P_{cell\ ON}$ ANT3	Wi-Fi 2.4G $P_{cell\ ON}$ ANT4	BT(P_{High}) ANT3	BT(P_{High}) ANT4				
Head	Left Touch	0.114	0.224	0.425	0.114	0.292	0.338	0.539	0.228	0.406
	Left Tilt	0.079	0.224	0.134	0.061	0.083	0.303	0.214	0.140	0.163
	Right Touch	0.173	0.224	0.134	0.078	0.058	0.396	0.307	0.251	0.231
	Right Tilt	0.059	0.224	0.134	0.089	0.031	0.283	0.193	0.148	0.090
Body-worn & Hptspot	Rear	0.630	0.346	0.350	0.264	0.237	0.976	0.980	0.894	0.867
	Front	0.335	0.346	0.350	0.218	0.128	0.681	0.685	0.553	0.463
Hotspot	Edge 1			0.350		0.044		0.350		0.044
	Edge 2	0.728		0.535		0.359	0.728	1.264	0.728	1.087
	Edge 3	0.224	0.346		0.052		0.570	0.224	0.275	0.224
	Edge 4		0.517		0.358		0.517		0.358	

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 1-g SAR (W/kg)			
		1	4	5	8	9	1+4+8	1+4+9	1+5+8	1+5+9
		WWAN (PCE) ANT7	Wi-Fi 5G $P_{cell\ ON}$ ANT5	Wi-Fi 5G $P_{cell\ ON}$ ANT6	BT(P_{Low}) ANT3	BT(P_{Low}) ANT4				
Head	Left Touch	0.114	0.040	0.359	0.023	0.056	0.177	0.211	0.496	0.530
	Left Tilt	0.079	0.040	0.359	0.012	0.016	0.131	0.136	0.450	0.455
	Right Touch	0.173	0.040	0.359	0.009	0.018	0.222	0.231	0.541	0.549
	Right Tilt	0.059	0.040	0.359	0.015	0.004	0.114	0.103	0.432	0.422
Body-worn & Hptspot	Rear	0.630	0.459	0.459	0.061	0.080	1.150	1.169	1.150	1.169
	Front	0.335	0.459	0.459	0.061	0.037	0.855	0.831	0.855	0.831
Hotspot	Edge 1			0.354		0.015		0.015	0.354	0.369
	Edge 2	0.728				0.084	0.728	0.812	0.728	0.812
	Edge 3	0.224	0.250		0.009		0.484	0.474	0.233	0.224
	Edge 4		0.250	0.354	0.089		0.340	0.250	0.443	0.354

12.10. Sum of the SAR for WWAN(PCE) Cell-on ANT8 & Wi-Fi & BT results

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 1-g SAR (W/kg)			
		1	2	3	6	7	1+2	1+3	1+6	1+7
		WWAN (PCE) ANT8	Wi-Fi 2.4G $P_{cell\ ON}$ ANT3	Wi-Fi 2.4G $P_{cell\ ON}$ ANT4	BT(P_{High}) ANT3	BT(P_{High}) ANT4				
Head	Left Touch	0.237	0.224	0.425	0.114	0.292	0.460	0.661	0.351	0.529
	Left Tilt	0.245	0.224	0.134	0.061	0.083	0.468	0.379	0.305	0.328
	Right Touch	0.904	0.224	0.134	0.078	0.058	1.127	1.038	0.982	0.962
	Right Tilt	0.813	0.224	0.134	0.089	0.031	1.037	0.947	0.902	0.843
Body-worn & Hptspot	Rear	0.857	0.346	0.350	0.264	0.237	1.203	1.207	1.121	1.094
	Front	0.226	0.346	0.350	0.218	0.128	0.572	0.576	0.444	0.354
Hotspot	Edge 1	0.221		0.350		0.044	0.221	0.571	0.221	0.265
	Edge 2			0.535		0.359		0.535		0.359
	Edge 3		0.346		0.052		0.346		0.052	
	Edge 4	0.599	0.517		0.358		1.116	0.599	0.957	0.599

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 1-g SAR (W/kg)			
		1	4	5	8	9	1+4+8	1+4+9	1+5+8	1+5+9
		WWAN (PCE) ANT8	Wi-Fi 5G $P_{cell\ ON}$ ANT5	Wi-Fi 5G $P_{cell\ ON}$ ANT6	BT(P_{Low}) ANT3	BT(P_{Low}) ANT4				
Head	Left Touch	0.237	0.040	0.359	0.023	0.056	0.299	0.333	0.618	0.652
	Left Tilt	0.245	0.040	0.359	0.012	0.016	0.297	0.301	0.615	0.620
	Right Touch	0.904	0.040	0.359	0.009	0.018	0.953	0.961	1.272	1.280
	Right Tilt	0.813	0.040	0.359	0.015	0.004	0.868	0.857	1.186	1.176
Body-worn & Hptspot	Rear	0.857	0.459	0.459	0.061	0.080	1.378	1.396	1.377	1.396
	Front	0.226	0.459	0.459	0.061	0.037	0.746	0.722	0.746	0.722
Hotspot	Edge 1	0.221		0.354		0.015	0.221	0.236	0.575	0.590
	Edge 2					0.084		0.084		0.084
	Edge 3		0.250		0.009		0.260	0.250	0.009	
	Edge 4	0.599	0.250	0.354	0.089		0.939	0.850	1.042	0.953

12.11. Sum of the SAR for WWAN(PCE) Cell-on ANT9 & Wi-Fi & BT results

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 1-g SAR (W/kg)			
		1	2	3	6	7	1+2	1+3	1+6	1+7
		WWAN (PCE) ANT9	Wi-Fi 2.4G $P_{cell\ ON}$ ANT3	Wi-Fi 2.4G $P_{cell\ ON}$ ANT4	BT(P_{High}) ANT3	BT(P_{High}) ANT4				
Head	Left Touch	0.308	0.224	0.425	0.114	0.292	0.532	0.733	0.422	0.600
	Left Tilt	0.139	0.224	0.134	0.061	0.083	0.362	0.273	0.199	0.222
	Right Touch	0.200	0.224	0.134	0.078	0.058	0.423	0.334	0.278	0.258
	Right Tilt	0.266	0.224	0.134	0.089	0.031	0.489	0.400	0.354	0.296
Body-worn & Hptspot	Rear	0.669	0.346	0.350	0.264	0.237	1.015	1.019	0.933	0.906
	Front	0.348	0.346	0.350	0.218	0.128	0.694	0.698	0.566	0.476
Hotspot	Edge 1			0.350		0.044		0.350		0.044
	Edge 2			0.535		0.359		0.535		0.359
	Edge 3	0.316	0.346		0.052		0.662	0.316	0.368	0.316
	Edge 4	0.826	0.517		0.358		1.343	0.826	1.184	0.826

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 1-g SAR (W/kg)			
		1	4	5	8	9	1+4+8	1+4+9	1+5+8	1+5+9
		WWAN (PCE) ANT9	Wi-Fi 5G $P_{cell\ ON}$ ANT5	Wi-Fi 5G $P_{cell\ ON}$ ANT6	BT(P_{Low}) ANT3	BT(P_{Low}) ANT4				
Head	Left Touch	0.308	0.040	0.359	0.023	0.056	0.370	0.404	0.689	0.723
	Left Tilt	0.139	0.040	0.359	0.012	0.016	0.191	0.195	0.509	0.514
	Right Touch	0.200	0.040	0.359	0.009	0.018	0.249	0.258	0.568	0.576
	Right Tilt	0.266	0.040	0.359	0.015	0.004	0.320	0.310	0.639	0.628
Body-worn & Hptspot	Rear	0.669	0.459	0.459	0.061	0.080	1.190	1.208	1.189	1.208
	Front	0.348	0.459	0.459	0.061	0.037	0.868	0.844	0.868	0.844
Hotspot	Edge 1			0.354		0.015		0.015	0.354	0.369
	Edge 2					0.084		0.084		0.084
	Edge 3	0.316	0.250		0.009		0.576	0.567	0.326	0.316
	Edge 4	0.826	0.250	0.354	0.089		1.166	1.077	1.269	1.180

12.12. Sum of the SAR for WWAN(CBE) Cell-on ANT4 & Wi-Fi & BT results

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 1-g SAR (W/kg)			
		1	2	3	6	7	1+2	1+3	1+6	1+7
		WWAN (CBE) ANT4	Wi-Fi 2.4G $P_{cell\ ON}$ ANT3	Wi-Fi 2.4G $P_{cell\ ON}$ ANT4	BT(P_{High}) ANT3	BT(P_{High}) ANT4				
Head	Left Touch	0.937	0.224	0.425	0.114	0.292	1.160	0.648	0.539	0.406
	Left Tilt	0.344	0.224	0.134	0.061	0.083	0.568	0.358	0.195	0.144
	Right Touch	0.207	0.224	0.134	0.078	0.058	0.430	0.358	0.212	0.136
	Right Tilt	0.153	0.224	0.134	0.089	0.031	0.376	0.358	0.223	0.119
Body-worn & Hptspot	Rear	0.784	0.346	0.350	0.264	0.237	1.130	0.696	0.614	0.501
	Front	0.470	0.346	0.350	0.218	0.128	0.816	0.696	0.569	0.347
Hotspot	Edge 1	0.167		0.350		0.044	0.167	0.350	0.350	0.044
	Edge 2	0.909		0.535		0.359	0.909	0.535	0.535	0.359
	Edge 3		0.346		0.052		0.346	0.346	0.052	0.052
	Edge 4		0.517		0.358		0.517	0.517	0.358	0.358

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 1-g SAR (W/kg)			
		1	4	5	8	9	1+4+8	1+4+9	1+5+8	1+5+9
		WWAN (CBE) ANT4	Wi-Fi 5G $P_{cell\ ON}$ ANT5	Wi-Fi 5G $P_{cell\ ON}$ ANT6	BT(P_{Low}) ANT3	BT(P_{Low}) ANT4				
Head	Left Touch	0.937	0.040	0.359	0.023	0.056	0.999	1.033	1.318	1.352
	Left Tilt	0.344	0.040	0.359	0.012	0.016	0.396	0.401	0.715	0.720
	Right Touch	0.207	0.040	0.359	0.009	0.018	0.256	0.265	0.575	0.583
	Right Tilt	0.153	0.040	0.359	0.015	0.004	0.207	0.197	0.526	0.516
Body-worn & Hptspot	Rear	0.784	0.459	0.459	0.061	0.080	1.305	1.323	1.304	1.323
	Front	0.470	0.459	0.459	0.061	0.037	0.991	0.967	0.990	0.966
Hotspot	Edge 1	0.167		0.354		0.015	0.167	0.182	0.521	0.536
	Edge 2	0.909				0.084	0.909	0.993	0.909	0.993
	Edge 3		0.250		0.009		0.260	0.250	0.009	
	Edge 4		0.250	0.354	0.089		0.340	0.250	0.443	0.354

12.13. Sum of the SAR for WWAN(CBE) Cell-on ANT7 & Wi-Fi & BT results

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 1-g SAR (W/kg)			
		1	2	3	6	7	1+2	1+3	1+6	1+7
		WWAN (CBE) ANT7	Wi-Fi 2.4G $P_{cell\ ON}$ ANT3	Wi-Fi 2.4G $P_{cell\ ON}$ ANT4	BT(P_{High}) ANT3	BT(P_{High}) ANT4				
Head	Left Touch	0.152	0.224	0.425	0.114	0.292	0.376	0.577	0.266	0.444
	Left Tilt	0.105	0.224	0.134	0.061	0.083	0.328	0.239	0.165	0.188
	Right Touch	0.201	0.224	0.134	0.078	0.058	0.424	0.335	0.279	0.259
	Right Tilt	0.092	0.224	0.134	0.089	0.031	0.315	0.226	0.180	0.122
Body-worn & Hptspot	Rear	0.612	0.346	0.350	0.264	0.237	0.958	0.962	0.876	0.849
	Front	0.364	0.346	0.350	0.218	0.128	0.710	0.714	0.582	0.492
Hotspot	Edge 1			0.350		0.044		0.350		0.044
	Edge 2	0.773		0.535		0.359	0.773	1.308	0.773	1.132
	Edge 3	0.305	0.346		0.052		0.651	0.305	0.356	0.305
	Edge 4		0.517		0.358		0.517		0.358	

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 1-g SAR (W/kg)			
		1	4	5	8	9	1+4+8	1+4+9	1+5+8	1+5+9
		WWAN (CBE) ANT7	Wi-Fi 5G $P_{cell\ ON}$ ANT5	Wi-Fi 5G $P_{cell\ ON}$ ANT6	BT(P_{Low}) ANT3	BT(P_{Low}) ANT4				
Head	Left Touch	0.152	0.040	0.359	0.023	0.056	0.215	0.249	0.534	0.568
	Left Tilt	0.105	0.040	0.359	0.012	0.016	0.157	0.161	0.475	0.480
	Right Touch	0.201	0.040	0.359	0.009	0.018	0.250	0.259	0.569	0.577
	Right Tilt	0.092	0.040	0.359	0.015	0.004	0.146	0.136	0.465	0.455
Body-worn & Hptspot	Rear	0.612	0.459	0.459	0.061	0.080	1.132	1.151	1.132	1.151
	Front	0.364	0.459	0.459	0.061	0.037	0.884	0.860	0.884	0.860
Hotspot	Edge 1			0.354		0.015		0.015	0.354	0.369
	Edge 2	0.773				0.084	0.773	0.857	0.773	0.857
	Edge 3	0.305	0.250		0.009		0.565	0.555	0.314	0.305
	Edge 4		0.250	0.354	0.089		0.340	0.250	0.443	0.354

12.14. Sum of the SAR for WWAN(CBE) Cell-on ANT8 & Wi-Fi & BT results

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 1-g SAR (W/kg)			
		1	2	3	6	7	1+2	1+3	1+6	1+7
		WWAN (CBE) ANT8	Wi-Fi 2.4G $P_{cell\ ON}$ ANT3	Wi-Fi 2.4G $P_{cell\ ON}$ ANT4	BT(P_{High}) ANT3	BT(P_{High}) ANT4				
Head	Left Touch	0.222	0.224	0.425	0.114	0.292	0.445	0.646	0.336	0.513
	Left Tilt	0.268	0.224	0.134	0.061	0.083	0.492	0.402	0.329	0.352
	Right Touch	0.885	0.224	0.134	0.078	0.058	1.109	1.019	0.963	0.943
	Right Tilt	0.792	0.224	0.134	0.089	0.031	1.016	0.926	0.881	0.822
Body-worn & Hptspot	Rear	0.898	0.346	0.350	0.264	0.237	1.244	1.248	1.162	1.135
	Front	0.298	0.346	0.350	0.218	0.128	0.644	0.648	0.517	0.426
Hotspot	Edge 1	0.233		0.350		0.044	0.233	0.583	0.233	0.277
	Edge 2			0.535		0.359		0.535		0.359
	Edge 3		0.346		0.052		0.346		0.052	
	Edge 4	0.393	0.517		0.358		0.910	0.393	0.751	0.393

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 1-g SAR (W/kg)			
		1	4	5	8	9	1+4+8	1+4+9	1+5+8	1+5+9
		WWAN (CBE) ANT8	Wi-Fi 5G $P_{cell\ ON}$ ANT5	Wi-Fi 5G $P_{cell\ ON}$ ANT6	BT(P_{Low}) ANT3	BT(P_{Low}) ANT4				
Head	Left Touch	0.222	0.040	0.359	0.023	0.056	0.284	0.318	0.603	0.637
	Left Tilt	0.268	0.040	0.359	0.012	0.016	0.320	0.325	0.639	0.643
	Right Touch	0.885	0.040	0.359	0.009	0.018	0.934	0.943	1.253	1.262
	Right Tilt	0.792	0.040	0.359	0.015	0.004	0.846	0.836	1.165	1.155
Body-worn & Hptspot	Rear	0.898	0.459	0.459	0.061	0.080	1.419	1.437	1.418	1.437
	Front	0.298	0.459	0.459	0.061	0.037	0.819	0.795	0.818	0.794
Hotspot	Edge 1	0.233		0.354		0.015	0.233	0.248	0.587	0.602
	Edge 2					0.084		0.084		0.084
	Edge 3		0.250		0.009		0.260	0.250	0.009	
	Edge 4	0.393	0.250	0.354	0.089		0.733	0.644	0.836	0.747

12.15. Sum of the SAR for WWAN(CBE) Cell-on ANT9 & Wi-Fi & BT results

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 1-g SAR (W/kg)			
		1	2	3	6	7	1+2	1+3	1+6	1+7
		WWAN (CBE) ANT9	Wi-Fi 2.4G $P_{cell\ ON}$ ANT3	Wi-Fi 2.4G $P_{cell\ ON}$ ANT4	BT(P_{High}) ANT3	BT(P_{High}) ANT4				
Head	Left Touch	0.195	0.224	0.425	0.114	0.292	0.419	0.620	0.309	0.487
	Left Tilt	0.084	0.224	0.134	0.061	0.083	0.308	0.218	0.145	0.168
	Right Touch	0.086	0.224	0.134	0.078	0.058	0.310	0.220	0.164	0.144
	Right Tilt	0.161	0.224	0.134	0.089	0.031	0.384	0.295	0.250	0.191
Body-worn & Hptspot	Rear	0.668	0.346	0.350	0.264	0.237	1.014	1.018	0.932	0.905
	Front	0.399	0.346	0.350	0.218	0.128	0.745	0.749	0.617	0.527
Hotspot	Edge 1			0.350		0.044		0.350		0.044
	Edge 2			0.535		0.359		0.535		0.359
	Edge 3	0.251	0.346		0.052		0.597	0.251	0.303	0.251
	Edge 4	0.929	0.517		0.358		1.446	0.929	1.287	0.929

RF Exposure conditions	Test Position	Standalone SAR (W/kg)					∑ 1-g SAR (W/kg)			
		1	4	5	8	9	1+4+8	1+4+9	1+5+8	1+5+9
		WWAN (CBE) ANT9	Wi-Fi 5G $P_{cell\ ON}$ ANT5	Wi-Fi 5G $P_{cell\ ON}$ ANT6	BT(P_{Low}) ANT3	BT(P_{Low}) ANT4				
Head	Left Touch	0.195	0.040	0.359	0.023	0.056	0.258	0.292	0.577	0.610
	Left Tilt	0.084	0.040	0.359	0.012	0.016	0.136	0.141	0.455	0.459
	Right Touch	0.086	0.040	0.359	0.009	0.018	0.135	0.144	0.454	0.463
	Right Tilt	0.161	0.040	0.359	0.015	0.004	0.215	0.205	0.534	0.524
Body-worn & Hptspot	Rear	0.668	0.459	0.459	0.061	0.080	1.189	1.207	1.188	1.207
	Front	0.399	0.459	0.459	0.061	0.037	0.919	0.895	0.919	0.895
Hotspot	Edge 1			0.354		0.015		0.015	0.354	0.369
	Edge 2					0.084		0.084		0.084
	Edge 3	0.251	0.250		0.009		0.511	0.501	0.260	0.251
	Edge 4	0.929	0.250	0.354	0.089		1.269	1.180	1.372	1.283

Note(s):

As the sum of the SAR for any simultaneous transmission condition never exceeded 1.6 W/kg no further evaluation was required.

Appendixes

Refer to separated files for the following appendixes.

Appendix A: SAR Setup Photos

Appendix B: SAR System Check Plots

Appendix C: SAR Highest Test Plots

Appendix D: SAR Tissue Ingredients

Appendix E: SAR Probe Certificates

Appendix F: SAR Dipole Certificates

Appendix G: LTE Down-Link Carrier Aggregation

Appendix H: Body Detect Validation

Appendix I: Wi-Fi Time-Averaged SAR(TAS)

Appendix J: MSS Time Averaged SAR

END OF REPORT