FCC 47 CFR § 2.1093
IEEE Std 1528-2013

SAR EVALUATION REPORT
(Part 0 : SAR Characterization and
Part 1 : Test in Static Transmission Condition)

FOR

GSM/WCDMA/LTE/5G NR Phone + BT/BLE, DTS/UNII a/b/g/n/ac/ax and NFC

MODEL NUMBER: SM-A366U, SM-A366U1, SM-S366V

FCC ID: A3LSMA366U

REPORT NUMBER: S-4791547056-S1V3

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Prepared for
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TL-637

Revision History

Rev.	Date	Revisions	Revised By
V1	2024-12-31	Initial Issue	--
V2	2025-01-08	Revised Equipment table in Sec.4.3 Revised Table 6.4.4 in Sec.6.4.3 Revised Table in Sec. 9.5 Revised Typo in Sec.10.7 Revised Table & Note in Sec.10.26 Revised Plimit for WCDMA B2/LTE Band 7 &38 & 41/NR Bn41 - Revised Sec.1.1 - Revised Sec.6.5 - Revised Sec.8.1&Sec.8.2 - Revised Sec.9.2 & Sec.9.3 & Sec.9.4 - Revised Sec.10.3 & Sec.10.14 & Sec.10.15 & Sec.10.23 - Revised Sec.11 - Revised Sec.12.2 - Revised Appendix B & C	Sunghoon Kim
V3	2025-01-13	Revised Cover page Revised Table in Sec.1 Revised Table in Sec. 6.5 Revised Table in Sec. 8.1 & 8.2 Revised Table in Sec. 9.5 Revised Appendix C	Sunghoon Kim

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1. Attestation of Test Results

Applicant Name		SAMSUNG ELECTRONICS CO.,LTD.					
FCC ID		A3LSMA366U					
Model Number		SM-A366U, SM-A366U1, SM-S366V					
Applicable Standards		FCC 47 CFR § 2.1093 IEEE Std 1528-2013 Published RF exposure KDB procedures					
Exposure Category		SAR Limits (W/Kg)					
		1g SAR			10g SAR		
General population / Uncontrolled exposure		1.6			4.0		
RF Exposure Conditions		Equipment Class - The Highest Reported SAR (W/kg)					
		PCE	CBE	DTS	NII	DSS	DXX
Phablet	Head	0.70	0.63	0.43	0.44	0.18	N/A
	Body-worn (at 5mm)	1.24	0.82	0.78	0.52	0.32	N/A
	Hotspot (at 5mm)	1.24	0.82	0.78	0.58	0.32	N/A
	Near Body (at 5mm)				0.49		< 0.10
Simultaneous TX	Head (at 5mm)	1.59	1.59	1.59	1.59	1.59	N/A
	Body-worn (at 5mm)	1.59	1.59	1.59	1.59	1.59	1.59
	Hotspot (at 5mm)	1.59	1.59	1.59	1.59	1.59	N/A
	Near Body (at 5mm)				1.59		1.59
Date Tested		2024-11-14 to 2024-01-07					
Test Results		Pass					

UL Korea, Ltd. tested the above equipment in accordance with the requirements set forth in the above standards. All indications of Pass/Fail in this report are opinions expressed by UL Korea, Ltd. based on interpretations and/or observations of test results. Measurement Uncertainties were not taken into account and are published for informational purposes only. The test results show that the equipment tested is capable of demonstrating compliance with the requirements as documented in this report.

Note: The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein. This document may not be altered or revised in any way unless done so by UL Korea, Ltd. and all revisions are duly noted in the revisions section. Any alteration of this document not carried out by UL Korea, Ltd. will constitute fraud and shall nullify the document. This report must not be used by the client to claim product certification, approval, or endorsement by IAS, any agency of the Federal Government, or any agency of any government.

Approved & Released By:	Prepared By:
	
Justin Park Operations Leader UL Korea, Ltd. Suwon Laboratory	Sunghoon Kim Senior Laboratory Engineer UL Korea, Ltd. Suwon Laboratory

1.1. The Highest Reported SAR for RF exposure conditions for each bands

Equipment Class	Band	Antenna	The Highest Reported SAR (W/kg)			
			1g of tissue			
			Head Exposure Condition	Body-worn Exposure Condition	Hotspot Exposure Condition	Near Body Exposure Condition
PCE	GSM 850	Main1	0.280	0.623	0.623	
	GSM 1900	Main2	0.096	0.573	0.573	
	WCDMA Band II	Main2	0.089	1.066	1.066	
	WCDMA Band IV	Main2	0.135	1.096	1.096	
	WCDMA Band V	Main1	0.271	1.236	1.236	
	LTE Band 71	Main1	0.144	0.409	0.451	
	LTE Band 12	Main1	0.176	0.374	0.382	
	LTE Band 13	Main1	0.199	0.528	0.537	
	LTE Band 14	Main1	0.242	0.742	0.742	
	LTE Band 26(5)	Main1	0.117	1.171	1.194	
	LTE Band 66(4)	Main2	0.125	0.852	0.852	
	LTE Band 66(4)	Sub.2	0.591	0.634	0.710	
	LTE Band 25(2)	Main2	0.106	0.578	0.578	
	LTE Band 25(2)	Sub.2	0.535	0.578	0.708	
	LTE Band 30	Main2	0.205	1.156	1.156	
	LTE Band 7	Main2	0.221	1.150	1.150	
	LTE Band 7	Sub.2	0.410	0.637	0.637	
	LTE Band 41(38)	Main2	0.094	1.178	1.178	
	LTE Band 41(38)	Sub.2	0.326	0.284	0.284	
	NR Band n71	Main1	0.224	0.783	0.783	
	NR Band n5	Main1	0.249	1.050	1.050	
	NR Band n70	Main2	0.108	0.591	0.591	
	NR Band n70	Sub.2	0.702	0.667	0.749	
	NR Band n66	Main2	0.081	0.639	0.639	
	NR Band n66	Sub.2	0.559	0.555	0.555	
	NR Band n25(2)	Main2	0.146	0.763	0.763	
	NR Band n25(2)	Sub.2	0.535	0.646	0.646	
	NR Band n30	Main2	0.175	1.057	1.057	
	NR Band n41	Main2	0.096	0.730	0.730	
	NR Band n41	Sub.2	0.308	0.276	0.283	
	NR Band n77(78)-SRS1	Sub.3	0.615	0.466	0.560	
	NR Band n77(78)-SRS2	Main2	0.037	1.059	1.059	
	NR Band n77(78)-SRS3	Sub.7	0.072	0.664	0.664	
	NR Band n77(78)-SRS4	Sub.8	0.333	0.326	0.326	
CBE	LTE Band 48	Sub.3	0.626	0.325	0.656	
	NR Band n48-SRS1	Sub.3	0.593	0.527	0.553	
	NR Band n48-SRS2	Main2	0.003	0.815	0.815	
	NR Band n48-SRS3	Sub.7	0.100	0.348	0.348	
	NR Band n48-SRS4	Sub.8	0.095	0.294	0.294	
DTS	2.4GHz WLAN		0.431	0.778	0.778	
NII	5GHz WLAN		0.441	0.521	0.487	0.581
DSS	Bluetooth		0.183	0.323	0.323	
DXX	NFC		N/A	N/A	N/A	0.028

Note(s):

1. The Highest Reported SAR Results were listed for each RF exposure conditions for each supported bands based on SAR test results of Section.10.

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, ANSI C63.26-2015 the following FCC Published RF exposure KDB procedures:

- 248227 D01 802.11 Wi-Fi SAR v02r02
- 447498 D04 Interim General RF Exposure Guidance v01
- 648474 D04 Handset SAR v01r03
- 690783 D01 SAR Listings on Grants 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
- 941225 D07 UMPC Mini Tablet v01r02
- 971168 D01 Power Meas License Digital System v03r01

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

- TCB workshop October, 2014; RF Exposure Procedures Update (Overlapping LTE Bands)
- TCB workshop October, 2014; RF Exposure Procedures Update (Other LTE Considerations)
- TCB workshop October, 2016; RF Exposure Procedures (DUT Holder Perturbations)
- TCB workshop May, 2017; RF Exposure Procedures (LTE Test Conditions)
- TCB workshop November, 2017; RF Exposure Procedures (LTE UL Carrier Aggregation SAR)
- TCB workshop April, 2019; RF Exposure Procedures (Tissue Simulating Liquids (TSL))
- TCB workshop October, 2020; 5G RFX Policies (Intra-band and Inter-band NSA-EN-DC evaluation)
- TCB workshop April, 2022; RF Exposure Procedures (5G NR FR1 Measurement)
- TCB workshop April, 2022; RF Exposure Procedures (Sum-Peak Location Separation Ratio)
- TCB workshop October, 2022; RF Exposure Policies & Procedures (SAR test frequencies in multi-rule)
- TCB workshop October, 2024; CA and Simultaneous Transmissions (CA-DL Test Reductions)

3. Facilities and Accreditation

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

Suwon	
SAR 1 Room	SAR 6 Room
SAR 2 Room	SAR 7 Room
SAR 3 Room	SAR 8 Room
SAR 4 Room	SAR 9 Room
SAR 5 Room	

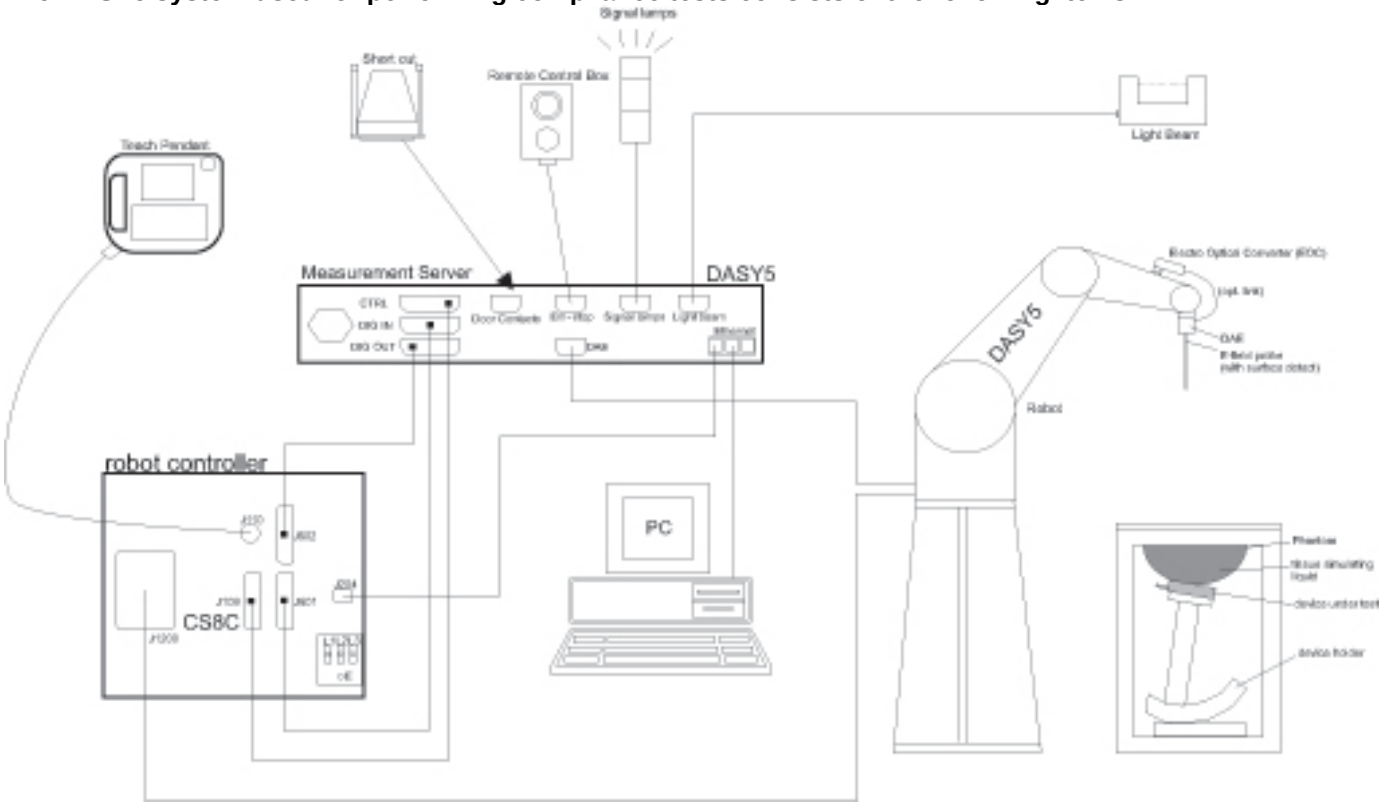
UL Korea, Ltd. is accredited by IAS, Laboratory Code TL-637.
The full scope of accreditation can be viewed at;

https://www.iasonline.org/wp-content/uploads/2017/05/TL-637-cert-New.pdf.

4. SAR Measurement System & Test Equipment

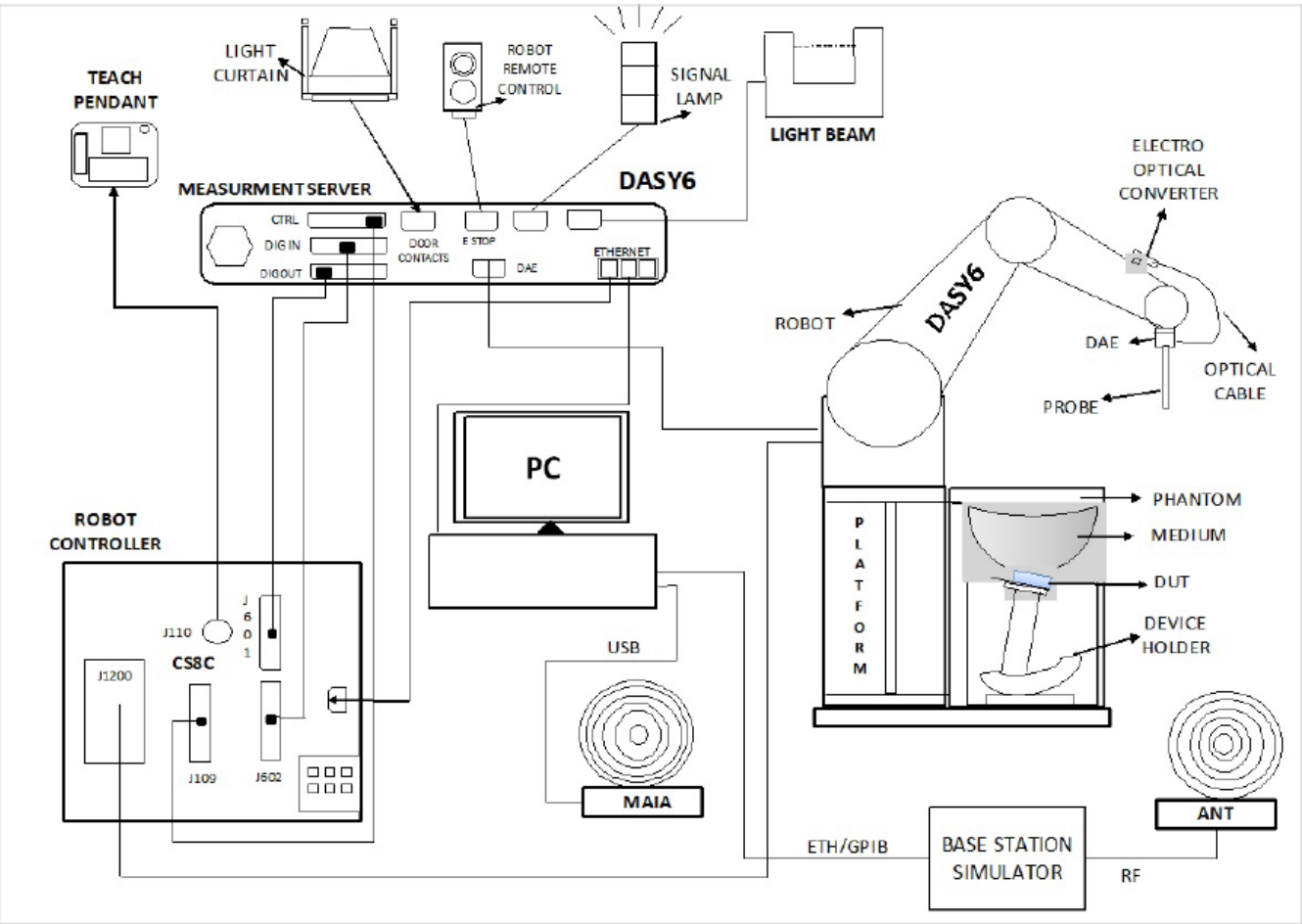
4.1. SAR Measurement System

The DASY5 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 Win11 and the DASY5 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.

The DASY6 & 8 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 Win11 and the DASY6 or 8 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.

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 1.4 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 IEEE Standard 1528 and IEC 62209 standards, whereby 3 dB is a requirement when compliance is assessed in accordance with the ARIB standard (Japan). If only one Zoom Scan follows the Area Scan, then only the absolute maximum will be taken as reference. For cases where multiple maximums are detected, the number of Zoom Scans has to be increased accordingly.

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

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

Step 3: Zoom Scan

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

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

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

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

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

Step 4: Power drift measurement

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

4.3. Test Equipment

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

Dielectric Property Measurements

Name of Equipment	Manufacturer	Type/Model	Serial No.	Cal. Due Date
Network Analyzer	Agilent	E5071C	MY46522054	2025-07-24
Network Analyzer	ROHDE & SCHWARZ	ZNB 20	102256	2025-07-22
Dielectric Assessment Kit	SPEAG	DAK-12	1158	2025-10-21
Dielectric Assessment Kit	SPEAG	DAK-3.5	1133	2025-03-12
Dielectric Assessment Kit	SPEAG	DAK-3.5	1196	2025-06-10
Vector Network Analyzer	SPEAG	DAKS_VNA R140	SN0060221	2025-03-21
Shorting block	SPEAG	DAK-3.5 Short	SM DAK 200 BA	N/A
Shorting block	SPEAG	DAK-12 Short	SM DAK 220 AD	N/A
Thermometer	LKM	DTM3000	3851	2025-07-23
Thermometer	LKM	DTM3000	3862	2025-07-23

System Check

Name of Equipment	Manufacturer	Type/Model	Serial No.	Cal. Due Date
MXG Analog Signal Generator	Aglient	N5181A	MY50145882	2025-07-22
MXG Analog Signal Generator	Keysight	N5181B	MY59100587	2025-07-25
MXG Analog Signal Generator	Keysight	N5173B	MY59101083	2025-07-23
Power Sensor	KEYSIGHT	U2000A	MY60490008	2025-07-23
Power Sensor	KEYSIGHT	U2000A	MY60160004	2025-07-23
Power Sensor	KEYSIGHT	U2000A	MY61010006	2025-07-23
Power Sensor	KEYSIGHT	U2000A	MY54260007	2025-07-25
Power Sensor	KEYSIGHT	U2004A USB Sensor	MY61200006	**2025-01-03**
Power Sensor	KEYSIGHT	U2004A USB Sensor	MY61280010	**2025-01-03**
Power Amplifier	EXODUS	AMP2027	1410025-AMP2027-10003	2025-02-14
Power Amplifier	MINI-CIRCUITS	TVA-R5-13A+	2111006	**2025-01-03**
Power Amplifier	EXODUS	AMP2027ADB	10002	**2025-01-05**
Power Amplifier	Sambo	BA00T60W2D	S3010-0001	2025-02-21
Directional Coupler	Aglient	772D	MY52180193	2025-07-25
Directional Coupler	H.P	778D	16133	2025-07-25
Directional Coupler	KRYTAR	100318010	215541	**2025-01-04**
Low Pass Filter	FILTRON	L14012FL	1410003S	2025-07-24
Low Pass Filter	MICROLAB	LA-60N	3942	2025-07-24
Low Pass Filter	MINI-CIRCUITS	VLF-6000+	S0142	2025-07-24
Low Pass Filter	MINI-CIRCUITS	VLF-3000+	S0143	2025-07-24
Low Pass Filter	MINI-CIRCUITS	NLP-1200+	VUU19301915	**2025-01-04**
Low Pass Filter	KRYTAR	WLKX10-11000-13640-21000-60TS	1	2025-07-23
Low Pass Filter	MINI-CIRCUITS	VLF-1500+	32333	2025-03-01
Attenuator	KEYSIGHT	BW-N10W5+	N/A	2025-07-23
Attenuator	KEYSIGHT	BW-N20W5+	N/A	2025-07-23
Attenuator	KEYSIGHT	BW-S3W10+	N/A	**2025-01-04**
Attenuator	KEYSIGHT	8491B/003	VE2017A0283	2025-07-24
Attenuator	KEYSIGHT	8491B/010	MY39271981	2025-07-24
Attenuator	KEYSIGHT	8491B/010	MY39272011	2025-07-24
Attenuator	KEYSIGHT	8491B/020	MY39272302	2025-07-24
Attenuator	KEYSIGHT	8491B/020	MY39271973	2025-07-24
Thermometer	Lutron	MHB-382SD	AH.50215	**2025-01-04**
Thermometer	Lutron	MHB-382SD	AH.50213	**2025-01-04**
Thermometer	Lutron	MHB-382SD	AH.91463	**2025-01-04**
Thermometer	Lutron	MHB-382SD	AJ.45903	**2024-01-09**
Thermometer	Lutron	MHB-382SD	AJ.42446	2025-07-24
Thermometer	Lutron	MHB-382SD	AK.12102	2025-07-24
Thermometer	Lutron	MHB-382SD	AK.12103	2025-07-24
Thermometer	Lutron	MHB-382SD	AK.12123	**2025-01-04**
Thermometer	Lutron	MHB-382SD	AK.18789	2025-07-24
Thermometer	Lutron	MHB-382SD	AJ.45903	**2025-01-04**

Note(s):

1. All equipments were used until Cal.Due data.

Test Equipment (Continued)

E-Field Probe	SPEAG	EX3DV4	7545	2025-09-03
E-Field Probe	SPEAG	EX3DV4	7314	2025-05-23
E-Field Probe	SPEAG	EX3DV4	7330	2025-01-22
E-Field Probe	SPEAG	EX3DV4	7376	2025-07-17
E-Field Probe	SPEAG	EX3DV4	7313	2025-02-21
E-Field Probe	SPEAG	EX3DV4	7652	2025-04-22
E-Field Probe	SPEAG	EX3DV4	7645	2025-09-23
E-field Probe	SPEAG	EX3DV4	3871	2025-09-04
E-field Probe	SPEAG	EX3DV4	7646	2025-03-15
Data Acquisition Electronics	SPEAG	DAE 4	1671	2025-04-18
Data Acquisition Electronics	SPEAG	DAE 4	1668	2025-05-23
Data Acquisition Electronics	SPEAG	DAE4	1591	2025-02-16
Data Acquisition Electronics	SPEAG	DAE4	1343	2025-07-12
Data Acquisition Electronics	SPEAG	DAE4	1447	2025-03-13
Data Acquisition Electronics	SPEAG	DAE4	1667	2025-04-14
Data Acquisition Electronics	SPEAG	DAE4	1494	2025-07-15
Data Acquisition Eletronics	SPEAG	DAE4	1468	2025-08-15
Data Acquisition Eletronics	SPEAG	DAE4	1670	2025-03-15
System Validation Dipole	SPEAG	D750V3	1205	2025-04-18
System Validation Dipole	SPEAG	D750V3	1122	2025-02-22
System Validation Dipole	SPEAG	D835V2	4d174	2025-09-16
System Validation Dipole	SPEAG	D835V2	4d194	2025-03-11
System Validation Dipole	SPEAG	D1750V2	1180	2025-10-15
System Validation Dipole	SPEAG	D1900V2	5d199	2025-03-13
System Validation Dipole	SPEAG	D2300V2	1115	2025-04-25
System Validation Dipole	SPEAG	D2450V2	960	2025-03-14
System Validation Dipole	SPEAG	D2450V2	939	2025-07-10
System Validation Dipole	SPEAG	D2600V2	1178	2025-04-25
System Validation Dipole	SPEAG	D2600V2	1097	2025-09-13
System Validation Dipole	SPEAG	D3500V2	1075	2025-05-19
System Validation Dipole	SPEAG	D3700V2	1036	2025-05-19
System Validation Dipole	SPEAG	D3900V2	1069	2025-04-21
System Validation Dipole	SPEAG	D5GHzV2	1325	2025-04-21
System Validation Dipole	SPEAG	CLA-13	1015	2025-08-22

Others

Name of Equipment	Manufacturer	Type/Model	Serial No.	Cal. Due Date
Base Station Simulator	R & S	CMW500	150313	2025-07-24
Base Station Simulator	R & S	CMW500	150314	2025-07-24
Base Station Simulator	R & S	CMW500	162790	2025-07-25
Base Station Simulator	R & S	CMW500	169803	2025-03-25
Base Station Simulator	R & S	CMW500	169801	2025-01-03
Base Station Simulator	R & S	CMW500	169802	2025-01-03
Base Station Simulator	R & S	CMW500	169799	2025-07-25
Base Station Simulator	R & S	CMW500	169800	2025-07-24
UXM 5G Wireless Test Platform	KEYSIGHT	E7515B	MY57510596	2025-07-30
UXM 5G Wireless Test Platform	KEYSIGHT	E7515B	MY59150850	2025-01-03
UXM 5G Wireless Test Platform	KEYSIGHT	E7515B	MY58120110	2025-01-03
Radio Communication Test Station	Anritsu	MT8000A	6272466165	2025-08-20
Radio Communication Analyzer	Anritsu	MT8821C	6161094351	2025-08-20

Note(s):

1. For System Validation Dipole, Calibration interval applied every 2 years according to referencing KDB 865664 guidance.
2. Refer to Appendix F that mentioned about justification for Extended SAR Dipole Calibrations. (for blue box items)
3. All equipments were used until Cal.Due data.

5. Measurement Uncertainty

Measurement Uncertainty of 100MHz to 6GHz

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.

Measurement Uncertainty of 9MHz to 19MHz

Measurement uncertainty for 9 MHz to 19 MHz

(According to IEEE 62209-1528)

a	b	c		d	e f(d,k)	f	g	h = *c×f/e*	I = *c×g/e*	k
Uncertainty component	Reference	Tol. 1 g (±%)	Tol. 10 g (±%)	Prob. Dist.	Div.	*ci* (1 g)	*ci* (10 g)	1 g *ui* (± %)	10 g *ui* (± %)	vi
Measurement System Errors										
Probe Calibration	8.4.1.1	13.3		Normal	2	1	1	6.7	6.7	∞
Probe Calibration Drift	8.4.1.2	1.7		Rectangular	1.732	1	1	1.0	1.0	∞
Probe Linearity	8.4.1.3	4.7		Rectangular	1.732	1	1	2.7	2.7	∞
Broadband Signal	8.4.1.4	0.8		Rectangular	1.732	1	1	0.5	0.5	∞
Probe Isotropy	8.4.1.5	7.6		Rectangular	1.732	1	1	4.4	4.4	∞
Data Acquisition	8.4.1.6	0.3		Normal	1	1	1	0.3	0.3	∞
RF Ambient	8.4.1.7	1.8		Normal	1	1	1	1.8	1.8	∞
Probe Positioning	8.4.1.8	0.006		Normal	1	0.14	0.14	0.10	0.10	∞
Data Processing	8.4.1.9	1.2		Normal	1	1	1	1.2	1.2	∞
Phantom and Device Errors										
Conductivity (meas.)DAK	8.4.2.1	2.5		Normal	1	0.78	0.71	2.0	1.8	∞
Conductivity (temp.)BB	8.4.2.2	5.4		Rectangular	1.732	0.78	0.71	2.4	2.2	∞
Phantom Permittivity	8.4.2.3	14.0		Rectangular	1.732	0	0	0.0	0.0	∞
Distance DUT -TSL	8.4.2.4	2.0		Normal	1	2	2	4.0	4.0	∞
Device Positioning	8.4.2.5	1.0	2.3	Normal	1	1	1	1.0	2.3	40
Device Holder	8.4.2.6	3.6		Normal	1	1	1	3.6	3.6	∞
DUT Modulation	8.4.2.7	2.4		Rectangular	1.732	1	1	1.4	1.4	∞
Time-average SAR	8.4.2.8	1.7		Rectangular	1.732	1	1	1.0	1.0	∞
DUT drift	8.4.2.9	5.0		Normal	1	1	1	5.0	5.0	∞
Correction to the SAR results										
Deviation to Target	8.4.3.1	1.9		Normal	1	1	0.84	1.9	1.6	∞
Combined Standard Uncertainty Uc(y) =				RSS				12.16	12.23	
Expanded Uncertainty U, Coverage Factor = 2, > 95 % Confidence =								**24.33**	**24.47**	

5.1. DECISION RULE

Measurement Uncertainty is not applied when providing statements of conformity in accordance with IEC Guide 115:2023, 4.3.3.

6. Device Under Test (DUT) Information

6.1. DUT Description

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

Test Sample Information

No.	S/N	Notes	No.	S/N	Notes
1	R3CXA0QJDFY	Main Conduction	18	R3CXA0QK8RH	WLAN Radiation
2	R3CXA0QJLLH	Main Conduction	19	R3CXA0QK80J	WLAN Radiation
3	R3CXA0QK8FK	Main Conduction			
4	R3CXA0QJLBA	Main Conducted			
5	R3CXA0QJD7L	Main Conducted			
6	R3CXA0QJLRN	Main Conducted			
7	R3CXA0QK92F	Main Conducted			
8	R3CXA0QK7PW	WLAN Conducted			
9	R3CXA0QJD4N	Main Radiation			
10	R3CXA0QJDHE	Main Radiation			
11	R3CX30KWS3R	Main Radiation			
12	R3CXA0QJDGD	Main Radiation			
13	R3CXA0QJG1F	Main Radiation			
14	R3CXB078F5J	Main Radiation			
15	R3CXA0QJL1H	Main Radiation			
16	R3CXA0QK7ZA	Main Radiation			
17	R3CXA0QK85E	WLAN Radiation			

6.2. Wireless Technologies

Wireless technologies	Frequency bands	Operating mode		Duty Cycle used for SAR testing
GSM	850 1900	Voice (GMSK) GPRS (GMSK) EGPRS (8PSK)	GPRS Multi-Slot Class: ☐ Class 8 - 1 Up, 4 Down ☐ Class 10 - 2 Up, 4 Down ☒ Class 12 - 4 Up, 4 Down ☐ Class 33 - 4 Up, 5 Down	GSM Voice: 12.5% (E)GPRS: 1 Slot: 12.5% 2 Slots: 25% 3 Slots: 37.5% 4 Slots: 50%
	Does this device support DTM (Dual Transfer Mode)? ☐ Yes ☒ No			
W-CDMA (UMTS)	Band II Band IV Band V	UMTS Rel. 99 (Voice & Data) HSDPA & DC-HSDPA (Category 24) HSUPA (Category 6) & HSPA+ (DL only)		100%
LTE	**FDD Bands** 71/ 12/ 13/ 14/ 26/ 5/ 66/ 4/ 25/ 2/ 29(DL)/ 30/ 7 **TDD Bands** 41/ 38/ 48	QPSK 16QAM 64QAM 256QAM Rel. 17 Carrier Aggregation (2 Uplink and 4 Downlinks) **UL CA intraband-contiguous (2CC)** 48C		100% (FDD) 63.3% (TDD) Power Class 3
	Does this device support SV-LTE (1xRTT-LTE)? ☐ Yes ☒ No			
NR (Sub6)	**FDD Bands** n25/ n2/ n5/ n29(DL)/ n30/ n66/ n70/ n71 **TDD Bands** n41[2]/ n48/ n77[2]/ n78[2]	DFT-s-ODFM: ■ π/2 BPSK, QPSK, 16QAM, 64QAM, 256QAM CP-ODFM: ■QPSK, 16QAM, 64QAM, 256QAM **UL CA intraband-contiguous (2CC)** Refer to the operational description for list of all inter-CA bands supported.		100%
Wi-Fi	2.4 GHz	802.11b / 802.11g / 802.11n (HT20) 802.11ac (VHT20) / 802.11ax (HE20)		98.92% (802.11b) 96.35% (802.11g)
	5 GHz	802.11a / 802.11n (HT20) & (HT40) 802.11ac (VHT20) & (VHT40) & (VHT80) 802.11ax (HE20) & (HE40) & (HE80)		94.63% (802.11ac (VHT80)
	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	Version 5.4+LE		76.99% (BDR)
NFC	13.56 MHz	Type A/B/F/V		100%

Notes:

1. Wi-Fi & Bluetooth were tested SAR using highest duty cycle. Measured duty cycle plots are in Section.9.
2. This device supports Power Class 2(HPUE) and Power Class 3 for NR Band n41, n77 and n78.
3. NR TDD Band n48 & n77 & n78 has support SRS(1,2,3,4) modes.
4. In addition to EN-DC modes 5GNR also supports inter-band uplink carrier aggregation. As this is not intra-band CA simultaneous transmission assessment is evaluated using the TAS, sum-SAR and SPLSR methods to combine the stand-alone SAR values for each individual band.
5. This device has support to DLCA (Down link carrier aggregation) in LTE and NR techs. But Uplink output power is not affected even if DLCA configurations are added. So DLCA cases do not need to be considered separately.

6.3. Time-Averaging feature

The equipment under test (EUT) contains the Qualcomm modems supporting 2G/3G/4G/5G technologies. these modems are enabled with Qualcomm Smart Transmit feature to control and manage transmitting power in real time and to ensure at all times the time-averaged RF exposure is in compliance with the FCC requirement.

But WLAN/BT/NFC does not support Qualcomm Smart Transmit feature. This technologies defines ER(External Ratio).

The Smart Transmit algorithm maintains the time-averaged transmit power, in turn, time-averaged RF exposure of *SAR_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}.

The maximum time-averaged output power (dBm) for any 2G/3G/4G/5G technology bands, and DSI = minimum of " P_{Limit} EFS" and "Maximum tune up output power P_{max}" + 1 dB device uncertainty. SAR values in this report were scaled to this maximum time-averaged output power to determine compliance per KDB 447498 D04.

Table 6.4.5 shows P_{Limit} NV settings and maximum tune up output power P_{max} configured for this EUT for various transmit conditions (DSI=Device State Index) in Sec.6.4.3.

Demonstrating compliance of EUT enabled with Qualcomm Smart Transmit is completed in three parts:

Part.0 : The SAR Characterization, denoted as SAR Char, determines the power limit that meets FCC exposure requirement after accounting for device design related uncertainties for each supported radio configuration and RF exposure usage scenario. The determined power limits will be loaded and stored in the EUT via the Embedded File System (EFS), and then used as inputs for Smart Transmit to operate.

Part.1 : Part 1 test is to demonstrate that EUT meets FCC SAR when the Tx power is at pre-determined maximum time-averaged power level for Radios of Supported TAS bands. The SAR measurement in Part 1 is under static transmission condition. The compliance for ER(External Ratio : Non Supported TAS bands) radio is demonstrated at a fixed power level (fixed = maximum RF tune-up level or power-back off level). The exposure from the simultaneous transmission of ER is evaluated in Part 1 report.

Part.2 : In Part 2 test, the compliance is assessed in Tx varying transmission condition to validate the Qualcomm Smart Transmit algorithm. The test results reported in Part 2 demonstrates that EUT complies with FCC RF exposure requirement under Tx varying transmission scenarios, thereby validity of Qualcomm Smart Transmit algorithm for FCC equipment authorization of EUT.

Notes:

This report is a combination of Part.0 and Part.1. and Part.2 provided as a separated report.

6.4. Part.0 Plimit Characterization

This section shows SAR characterization of WWAN radios. Characterization is achieved by determining *Plimit* for WWAN radios that correspond to the *SAR_design_target* after accounting for all device design related uncertainty.

6.4.1. Nomenclature for SAR Characterization

Table 6.4.1 Definitions for TAS algorithm

Term	Descroption
P limit	Pow er level that corresponds to the exposure design target (SAR_design_target) after accounting for all device design related uncertainties
P max	Maximum tune up output pow er
SAR_design_target	Target SAR level < FCC SAR limit after accounting for all device design related uncertainties
SAR Char	Table containing Plimit for all technologies and bands

6.4.2. SAR Characterization

SAR_Design_target is determined by ensuring that it is less than FCC SAR limit after accounting for total device designed related uncertainties specified by the manufacturer.

Table 6.4.2 : Definitions of uncertainty and design target

SAR_design_target			
$SAR\_design\_target < SAR\_regulatory\_limit \times 10^{\frac{-Total\ Uncertainty}{10}}$			
1g SAR (W/kg)		10g SAR (W/kg)	
Total Uncertainty	1.0 dB	Total Uncertainty	1.0 dB
SAR_regulatory_limit	1.6 W/kg	*SAR_regulatory_limit*	4.0 W/kg
SAR_design_target	1.0 W/kg	*SAR_design_target*	2.5 W/kg

6.4.3. DSI and Plimit Determination

This device uses different Device State Index (DSI) to configure different time averaged power levels based on certain exposure scenarios. Depending on the detection scheme implemented in the Tablet, the worst-case SAR was determined by measurements for the relevant exposure conditions for that DSI. Detailed descriptions of the detection mechanisms are included in the operational description.

The device state index (DSI) conditions used in below table represent different exposure scenarios.

Table 6.4.3 : DSI and Corresponding Exposure Scenarios

RF exposure Scenarios	DSI No.	Descroption	KDB guide For SAR test
Head	3	1. Device positioned next to ear. 2. Receiver Active.	KDB 648474 D04
Body-worn	0, 5	1. Device being used with a body-worn accessory. 2. Ear jack insert into phone.	KDB 648474 D04
Hotspot	4	1. Device transmit in hotspot mode near body. 2. Hotspot mode Active.	KDB 941225 D06
Phablet-10g	0, 5	1. Device are used near body with hand-held. 2. Ear jack insert into phone.	KDB 648474 D04 KDB 941225 D07

Note(s):

DSI Scenarios priority: DSI 3 → DSI 4….

SAR results corresponding to P_{max} for each antenna/technology/band/DSI can be found in Section.10. P_{limit} is calculated by linearly scaling with the measured SAR at the P_{max} to correspond to *the SAR_ design_target*. P_{limit} determination for each exposure scenario corresponding to *SAR_design_target* are shown in table.

Table 6.4.4 : P_{Limit} Determination

Device State Index (DSI)	Plimit Determination Scenarios
DSI = 0, 5	Plimit calculated based on Body-worn 1g SAR at 5 mm. >> test positions : Rear/Front Plimit calculated based on Near body 1g SAR at 5 mm. >> test positions : Rear/Front & Side edges with transmitting antenna located within 25mm from edge
DSI = 3	Plimit calculated based on Head 1g SAR SAR at SAM phantom. >> test positions : Right Touch/Tilt & Left Touch/Tilt
DSI = 4	Plimit calculated based on Hotspot 1g SAR at 5 mm. >> test positions : Rear/Front & Side edges with transmitting antenna located within 25mm from edge

Notes:

Body conditions (Body-worn / near Body & Hotspot) tested to 1g SAR at 5mm test distance. So Phablet 10-g SAR test is not considered for determining Plimit in DSI=0,5.

Table 6.4.5 : P_{Limit} result according to technologies and bands in Each DSIs

Exposure condition			Head (RCV)	Body-worn & Near Body	Hotspot	Pmax (Maximum tune-up Power) (dBm)
Spatial-average			1g	1g	1g	
Test distance (mm)			0	5	5	
DSI :			3	0 & 5	4	
RF Air Interface	Antenna	Antenna Group	Plimit corresponding to 1.0 W/kg (SAR_design_target) (1g) / 2.5 W/kg (SAR_design_target) (10g)			
GSM 850	Main1	AG 0	27.8	20.8	20.8	25.3
GSM 1900	Main2	AG 0	30.0	18.8	18.8	21.6
WCDMA 2	Main2	AG 0	20.5	19.0	19.0	23.0
WCDMA 4	Main2	AG 0	21.0	21.0	21.0	23.0
WCDMA 5	Main1	AG 0	25.1	23.5	23.5	23.5
LTE Band 71	Main1	AG 0	28.9	28.3	28.3	24.5
LTE Band 12	Main1	AG 0	27.2	22.5	22.5	24.5
LTE Band 13	Main1	AG 0	26.6	22.5	22.5	24.5
LTE Band 14	Main1	AG 0	26.6	26.1	26.1	24.5
LTE Band 26(5)	Main1	AG 0	30.3	23.0	23.0	24.5
LTE Band 66(4)	Main2	AG 0	29.2	18.0	18.0	24.0
LTE Band 66(4)	Sub.2	AG 1	17.5	17.0	17.0	24.0
LTE Band 25(2)	Main2	AG 0	30.8	19.0	19.0	24.0
LTE Band 25(2)	Sub.2	AG 1	18.5	18.5	18.5	23.5
LTE Band 30	Main2	AG 0	28.0	18.5	18.5	23.0
LTE Band 7	Main2	AG 0	28.7	17.0	17.0	24.0
LTE Band 7	Sub.2	AG 1	18.5	18.0	18.0	24.0
LTE Band 41(38) PC3	Main2	AG 0	29.1	16.5	16.5	22.0 (21.0)
LTE Band 41(38) PC3	Sub.2	AG 1	17 (16)	16.0	16.0	22.0 (21.0)
LTE Band 48	Sub.3	AG 1	16.0	14.5	14.5	20.0
NR Band n71	Main1	AG 0	27.0	26.5	26.5	24.5
NR Band n5	Main1	AG 0	26.5	23.0	23.0	24.5
NR Band n70	Main2	AG 0	32.6	19.0	19.0	24.0
NR Band n70	Sub.2	AG 1	19.0	18.0	18.0	24.0
NR Band n66	Main2	AG 0	31.5	19.0	19.0	24.0
NR Band n66	Sub.2	AG 1	18.5	17.5	17.5	24.0
NR Band n25(2)	Main2	AG 0	29.3	19.0	19.0	24.0
NR Band n25(2)	Sub.2	AG 1	18.5	19.0	19.0	24.0
NR Band n30	Main2	AG 0	28.8	19.0	19.0	23.0
NR Band n41 PC3	Main2	AG 0	22.5	16.5	16.5	23.5
NR Band n41 PC3	Sub.2	AG 1	17.5	17.0	17.0	23.5
NR Band n41 PC2	Main2	AG 0	22.5	16.5	16.5	25.5
NR Band n41 PC2	Sub.2	AG 1	17.5	17.0	17.0	26.0
NR Band n48 -Main-	Sub.3	AG 1	15.5	14.5	14.5	22.5
NR Band n48 -SRS2-	Main2	AG 0	40.2	20.4	20.4	18.5
NR Band n48 -SRS3-	Sub.7	AG 1	15.5	13.5	13.5	20.0
NR Band n48 -SRS4-	Sub.8	AG 1	28.2	23.1	23.1	18.0
NR Band n77(78) PC3 -Main-	Sub.3	AG 1	16.0	13.5	13.5	24.0 (23.5)
NR Band n77(78) PC3 -SRS2-	Main2	AG 0	30.3	19.7	19.7	19.0
NR Band n77(78) PC3 -SRS3-	Sub.7	AG 1	14.5	14.5	14.5	20.5 (20.0)
NR Band n77(78) PC3 -SRS4-	Sub.8	AG 1	22.6	23.6	23.6	18.5
NR Band n77(78) PC2 -Main-	Sub.3	AG 1	16.0	13.5	13.5	26.5
NR Band n77(78) PC2 -SRS2-	Main2	AG 0	19.0	19.0	19.0	22.0 (21.5)
NR Band n77(78) PC2 -SRS3-	Sub.7	AG 1	14.5	14.5	14.5	23.5 (23.0)
NR Band n77(78) PC2 -SRS4-	Sub.8	AG 1	18.5	18.5	18.5	21.5 (21.0)

Notes:

1. If *Plimit* is higher than *Pmax* for some modes / bands, The modes/bands will operate at a power level up to *Pmax*.
2. *Pmax* (Maximum tune-up power) is specified in tune-up document. The maximum allowed power is equal to maximum tune up power + 1 dB device design uncertainty.
3. All *Plimit* EFS and maximum tune up output *Pmax* levels entered in above Table correspond to average power levels after accounting for duty cycle in the case of TDD modulation schemes (e.g GSM and LTE TDD).
4. PLimit value listed above table is referenced from Sec.10. Some bands (inc. Orange&Bule boxes) were determined more conservative Plimit instead of calculation Plimit Sec.10.

6.5. Maximum Allowed Output power

WWAN Bands maximum allowed output power

Maximum allowed output power means that Pmax or PLimit + 1.0dB device uncertainty for each DSI.

GSM Bands

RF Air interface	Antenna	Mode	Time Slots	Maximum allowed output power (dBm)									
				Pmax		Plimit							
						DSI = 0 (Free)		DSI = 3 (RCV)		DSI = 4 (Hotspot)		DSI = 5 (Earjack)	
				Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr
GSM850	Main1	Voice	1	**33.50**	**24.47**	**31.00**	**21.97**	**33.50**	**24.47**	**31.00**	**21.97**	**31.00**	**21.97**
		GPRS	1	**33.50**	**24.47**	**31.00**	**21.97**	**33.50**	**24.47**	**31.00**	**21.97**	**31.00**	**21.97**
		GPRS	2	**32.50**	**26.48**	**27.50**	**21.48**	**32.50**	**26.48**	**27.50**	**21.48**	**27.50**	**21.48**
		GPRS	3	**30.50**	**26.24**	**26.00**	**21.74**	**30.50**	**26.24**	**26.00**	**21.74**	**26.00**	**21.74**
		GPRS	4	**28.50**	**25.49**	**24.50**	**21.49**	**28.50**	**25.49**	**24.50**	**21.49**	**24.50**	**21.49**
		EGPRS	1	**28.00**	**18.97**	**27.00**	**17.97**	**28.00**	**18.97**	**27.00**	**17.97**	**27.00**	**17.97**
		EGPRS	2	**26.00**	**19.98**	**26.00**	**19.98**	**26.00**	**19.98**	**26.00**	**19.98**	**26.00**	**19.98**
		EGPRS	3	**24.00**	**19.74**	**23.00**	**18.74**	**24.00**	**19.74**	**23.00**	**18.74**	**23.00**	**18.74**
		EGPRS	4	**22.50**	**19.49**	**22.50**	**19.49**	**22.50**	**19.49**	**22.50**	**19.49**	**22.50**	**19.49**
GSM1900	Main2	Voice	1	**30.50**	**21.47**	**29.00**	**19.97**	**30.50**	**21.47**	**29.00**	**19.97**	**29.00**	**19.97**
		GPRS	1	**30.50**	**21.47**	**29.00**	**19.97**	**30.50**	**21.47**	**29.00**	**19.97**	**29.00**	**19.97**
		GPRS	2	**28.50**	**22.48**	**26.00**	**19.98**	**28.50**	**22.48**	**26.00**	**19.98**	**26.00**	**19.98**
		GPRS	3	**27.00**	**22.74**	**24.00**	**19.74**	**27.00**	**22.74**	**24.00**	**19.74**	**24.00**	**19.74**
		GPRS	4	**25.00**	**21.99**	**23.00**	**19.99**	**25.00**	**21.99**	**23.00**	**19.99**	**23.00**	**19.99**
		EGPRS	1	**26.50**	**17.47**	**25.50**	**16.47**	**26.50**	**17.47**	**25.50**	**16.47**	**25.50**	**16.47**
		EGPRS	2	**24.50**	**18.48**	**24.50**	**18.48**	**24.50**	**18.48**	**24.50**	**18.48**	**24.50**	**18.48**
		EGPRS	3	**22.50**	**18.24**	**22.00**	**17.74**	**22.50**	**18.24**	**22.00**	**17.74**	**22.00**	**17.74**
		EGPRS	4	**21.50**	**18.49**	**21.00**	**17.99**	**21.50**	**18.49**	**21.00**	**17.99**	**21.00**	**17.99**

WCDMA Bands

RF Air interface	Antenna	Mode	Maximum allowed output power (dBm)				
			Pmax	Plimit			
				DSI = 0 (Free)	DSI = 3 (RCV)	DSI = 4 (Hotspot)	DSI = 5 (Earjack)
W-CDMA Band V	Main1	R99	**24.50**	**24.50**	**24.50**	**24.50**	**24.50**
		HSDPA	**24.00**	**24.00**	**24.00**	**24.00**	**24.00**
		HSUPA	**23.50**	**23.50**	**23.50**	**23.50**	**23.50**
		DC-HSDPA	**24.00**	**24.00**	**24.00**	**24.00**	**24.00**
W-CDMA Band IV	Main2	R99	**24.00**	**22.00**	**22.00**	**22.00**	**22.00**
		HSDPA	**23.00**	**21.00**	**21.00**	**21.00**	**21.00**
		HSUPA	**23.00**	**21.00**	**21.00**	**21.00**	**21.00**
		DC-HSDPA	**23.00**	**21.00**	**21.00**	**21.00**	**21.00**
W-CDMA Band II	Main2	R99	**24.00**	**20.00**	**21.50**	**20.00**	**20.00**
		HSDPA	**23.00**	**19.00**	**20.50**	**19.00**	**19.00**
		HSUPA	**23.00**	**19.00**	**20.50**	**19.00**	**19.00**
		DC-HSDPA	**23.00**	**19.00**	**20.50**	**19.00**	**19.00**

Note(s):

1. Detail of DSI (Device State Index) conditions, please refer to Sec.6.4.3.

Maximum allowed output power means that Pmax or PLimit + 1.0dB device uncertainty for each DSI.

LTE Bands

RF Air interface	Antenna	Mode	Maximum allowed output power (dBm)				
			Pmax	Plimit			
				DSI = 0 (Free)	DSI = 3 (RCV)	DSI = 4 (Hotspot)	DSI = 5 (Earjack)
LTE FDD Band 71	Main1	QPSK	**25.50**	**25.50**	**25.50**	**25.50**	**25.50**
LTE FDD Band 12	Main1	QPSK	**25.50**	**23.50**	**25.50**	**23.50**	**23.50**
LTE FDD Band 13	Main1	QPSK	**25.50**	**23.50**	**25.50**	**23.50**	**23.50**
LTE FDD Band 14	Main1	QPSK	**25.50**	**25.50**	**25.50**	**25.50**	**25.50**
LTE FDD Band 26	Main1	QPSK	**25.50**	**24.00**	**25.50**	**24.00**	**24.00**
LTE FDD Band 5	Main1	QPSK	**25.50**	**24.00**	**25.50**	**24.00**	**24.00**
LTE FDD Band 66	Main2	QPSK	**25.00**	**19.00**	**25.00**	**19.00**	**19.00**
LTE FDD Band 66	Sub.2	QPSK	**25.00**	**18.00**	**18.50**	**18.00**	**18.00**
LTE FDD Band 4	Main2	QPSK	**25.00**	**19.00**	**25.00**	**19.00**	**19.00**
LTE FDD Band 4	Sub.2	QPSK	**25.00**	**18.00**	**18.50**	**18.00**	**18.00**
LTE FDD Band 25	Main2	QPSK	**25.00**	**20.00**	**25.00**	**20.00**	**20.00**
LTE FDD Band 25	Sub.2	QPSK	**24.50**	**19.50**	**19.50**	**19.50**	**19.50**
LTE FDD Band 2	Main2	QPSK	**25.00**	**20.00**	**25.00**	**20.00**	**20.00**
LTE FDD Band 2	Sub.2	QPSK	**24.50**	**19.50**	**19.50**	**19.50**	**19.50**
LTE FDD Band 30	Main2	QPSK	**24.00**	**19.50**	**24.00**	**19.50**	**19.50**
LTE FDD Band 7	Main2	QPSK	**25.00**	**18.00**	**25.00**	**18.00**	**18.00**
LTE FDD Band 7	Sub.2	QPSK	**25.00**	**19.00**	**19.50**	**19.00**	**19.00**
LTE TDD Band 41 (PC3)	Main2	QPSK	**25.00**	**19.50**	**25.00**	**19.50**	**19.50**
LTE TDD Band 41 (PC3)	Sub.2	QPSK	**25.00**	**19.00**	**20.00**	**19.00**	**19.00**
LTE TDD Band 38	Main2	QPSK	**24.00**	**19.50**	**24.00**	**19.50**	**19.50**
LTE TDD Band 38	Sub.2	QPSK	**24.00**	**19.00**	**19.00**	**19.00**	**19.00**
LTE TDD Band 48	Sub.3	QPSK	**23.00**	**17.50**	**19.00**	**17.50**	**17.50**
LTE TDD Band 48 ULCA	Sub.3	QPSK	**23.00**	**17.50**	**19.00**	**17.50**	**17.50**

Note(s):

1. Detail of DSI (Device State Index) please refer to Sec.6.4.3.
2. For LTE Band 48, There supports ULCA intraband-contiguous as same target power of standalone LTE.

Maximum allowed output power means that Pmax or PLimit + 1.0dB device uncertainty for each DSI.

NR-Sub6 Bands

RF Air interface	Antenna	Mode	Maximum allowed output power (dBm)				
			Pmax	Plimit			
				DSI = 0 (Free)	DSI = 3 (RCV)	DSI = 4 (Hotspot)	DSI = 5 (Earjack)
NR Band n71	Main1	DFT-s-OFDM QPSK	25.50	25.50	25.50	25.50	25.50
NR Band n5	Main1	DFT-s-OFDM QPSK	25.50	24.00	25.50	24.00	24.00
NR Band n70	Main2	DFT-s-OFDM QPSK	25.00	20.00	25.00	20.00	20.00
NR Band n70	Sub.2	DFT-s-OFDM QPSK	25.00	19.00	20.00	19.00	19.00
NR Band n66	Main2	DFT-s-OFDM QPSK	25.00	20.00	25.00	20.00	20.00
NR Band n66	Sub.2	DFT-s-OFDM QPSK	25.00	18.50	19.50	18.50	18.50
NR Band n25	Main2	DFT-s-OFDM QPSK	25.00	20.00	25.00	20.00	20.00
NR Band n25	Sub.2	DFT-s-OFDM QPSK	25.00	20.00	19.50	20.00	20.00
NR Band n2	Main2	DFT-s-OFDM QPSK	25.00	20.00	25.00	20.00	20.00
NR Band n2	Sub.2	DFT-s-OFDM QPSK	25.00	20.00	19.50	20.00	20.00
NR Band n30	Main2	DFT-s-OFDM QPSK	24.00	20.00	24.00	20.00	20.00
NR Band n41 (PC3)	Main2	DFT-s-OFDM QPSK	24.50	17.50	23.50	17.50	17.50
NR Band n41 (PC3)	Sub.2	DFT-s-OFDM QPSK	24.50	18.00	18.50	18.00	18.00
NR Band n41 (PC2)	Main2	DFT-s-OFDM QPSK	26.50	17.50	23.50	17.50	17.50
NR Band n41 (PC2)	Sub.2	DFT-s-OFDM QPSK	27.00	18.00	18.50	18.00	18.00
NR Band n48 (Voice/Data/SRS#1)	Sub.3	DFT-s-OFDM QPSK	23.50	15.50	16.50	15.50	15.50
NR Band n48 SRS#2	Main2	SRS CW	19.50	19.50	19.50	19.50	19.50
NR Band n48 SRS#3	Sub.7	SRS CW	21.00	14.50	16.50	14.50	14.50
NR Band n48 SRS#4	Sub.8	SRS CW	19.00	19.00	19.00	19.00	19.00
NR Band n78 (PC3) (Voice/Data/SRS#1)	Sub.3	DFT-s-OFDM QPSK	24.50	14.50	17.00	14.50	14.50
NR Band n78 (PC3) SRS#2	Main2	SRS CW	20.00	20.00	20.00	20.00	20.00
NR Band n78 (PC3) SRS#3	Sub.7	SRS CW	21.00	15.50	15.50	15.50	15.50
NR Band n78 (PC3) SRS#4	Sub.8	SRS CW	19.50	19.50	19.50	19.50	19.50
NR Band n78 (PC2) (Voice/Data/SRS#1)	Sub.3	DFT-s-OFDM QPSK	27.50	14.50	17.00	14.50	14.50
NR Band n78 (PC2) SRS#2	Main2	SRS CW	22.50	20.00	20.00	20.00	20.00
NR Band n78 (PC2) SRS#3	Sub.7	SRS CW	24.00	15.50	15.50	15.50	15.50
NR Band n78 (PC2) SRS#4	Sub.8	SRS CW	22.00	19.50	19.50	19.50	19.50
NR Band n77 (PC3) (Voice/Data/SRS#1)	Sub.3	DFT-s-OFDM QPSK	25.00	14.50	17.00	14.50	14.50
NR Band n77 (PC3) SRS#2	Main2	SRS CW	20.00	20.00	20.00	20.00	20.00
NR Band n77 (PC3) SRS#3	Sub.7	SRS CW	21.50	15.50	15.50	15.50	15.50
NR Band n77 (PC3) SRS#4	Sub.8	SRS CW	19.50	19.50	19.50	19.50	19.50
NR Band n77 (PC2) (Voice/Data/SRS#1)	Sub.3	DFT-s-OFDM QPSK	27.50	14.50	17.00	14.50	14.50
NR Band n77 (PC2) SRS#2	Main2	SRS CW	23.00	20.00	20.00	20.00	20.00
NR Band n77 (PC2) SRS#3	Sub.7	SRS CW	24.50	15.50	15.50	15.50	15.50
NR Band n77 (PC2) SRS#4	Sub.8	SRS CW	22.50	19.50	19.50	19.50	19.50

Note(s):

1. Detail of DSI (Device State Index) please refer to Sec.6.4.3.
2. NR Band n41, n48, n77 and n78 (including SRS1/2/3/4) applied test case reduction due to same Plimit for PC2&PC3. Detail of test results refer to section.10 in report.

WLAN Bands maximum allowed output power

Maximum allowed output power means that target power + 1.0dB device uncertainty

WLAN output power (Maximum power - Body)

RF Air interface	Band		Maximum allowed output power (dBm) - Maximum power																	
			802.11 mode																	
			2.4GHz SISO (Sub.4) / 5GHz SISO (Sub.3)						2.4GHz SISO (Sub.2) / 5GHz SISO (Sub.5)						2.4GHz MIMO (Sub.2+4) / 5GHz MIMO (Sub.3+5)					
			a	b	g	n	ac	ax(SU)	a	b	g	n	ac	ax(SU)	a	b	g	n	ac	ax(SU)
WiFi 2.4 GHz	DTS	Ch 1		15	14.5	14.5	14.5	13		18	17.5	17.5	17	16			19.3	19.3	18.9	17.8
		Ch 2 - 10		15	15	15	15	15		18	18	18	17	17			19.7	19.7	19.1	19.1
		Ch 11		15	15	15	15	12.5		18	18	18	17	14.5			19.7	19.7	19.1	16.6
WiFi 5 GHz (BW : 20MHz)	UNII-1		12.0			12.0	12.0	12.0	13.0			13.0	13.0	13.0	15.5			15.5	15.5	15.5
	UNII-2A		12.0			12.0	12.0	12.0	13.0			13.0	13.0	13.0	15.5			15.5	15.5	15.5
	UNII-2C		12.0			12.0	12.0	12.0	13.0			13.0	13.0	13.0	15.5			15.5	15.5	15.5
	UNII-3		12.0			12.0	12.0	12.0	13.0			13.0	13.0	13.0	15.5			15.5	15.5	15.5
WiFi 5 GHz (BW : 40MHz)	UNII-1					12.0	12.0	12.0				13.0	13.0	13.0				15.5	15.5	15.5
	UNII-2A					12.0	12.0	12.0				13.0	13.0	13.0				15.5	15.5	15.5
	UNII-2C					12.0	12.0	12.0				13.0	13.0	13.0				15.5	15.5	15.5
	UNII-3					12.0	12.0	12.0				13.0	13.0	13.0				15.5	15.5	15.5
WiFi 5 GHz (BW : 80MHz)	UNII-1						12.0	12.0					13.0	13.0					15.5	15.5
	UNII-2A						12.0	12.0					13.0	13.0					15.5	15.5
	UNII-2C						12.0	12.0					13.0	13.0					15.5	15.5
	UNII-3						12.0	12.0					13.0	13.0					15.5	15.5

WLAN output power (Reduced - Head)

RF Air interface	Band	Maximum allowed output power (dBm) - Reduced Power																	
		802.11 mode																	
		2.4GHz SISO (Sub.4) / 5GHz SISO (Sub.3)						2.4GHz SISO (Sub.2) / 5GHz SISO (Sub.5)						2.4GHz MIMO (Sub.2+4) / 5GHz MIMO (Sub.3+5)					
		a	b	g	n	ac	ax(SU)	a	b	g	n	ac	ax(SU)	a	b	g	n	ac	ax(SU)
WiFi 2.4 GHz	DTS		13	13	13	13	13		13	13	13	13	13			16	16	16	16
WiFi 5 GHz (BW : 20MHz)	UNII-1	11.0			11.0	11.0	11.0	12.0			12.0	12.0	12.0	14.5			14.5	14.5	14.5
	UNII-2A	11.0			11.0	11.0	11.0	12.0			12.0	12.0	12.0	14.5			14.5	14.5	14.5
	UNII-2C	11.0			11.0	11.0	11.0	12.0			12.0	12.0	12.0	14.5			14.5	14.5	14.5
	UNII-3	11.0			11.0	11.0	11.0	12.0			12.0	12.0	12.0	14.5			14.5	14.5	14.5
WiFi 5 GHz (BW : 40MHz)	UNII-1				11.0	11.0	11.0				12.0	12.0	12.0				14.5	14.5	14.5
	UNII-2A				11.0	11.0	11.0				12.0	12.0	12.0				14.5	14.5	14.5
	UNII-2C				11.0	11.0	11.0				12.0	12.0	12.0				14.5	14.5	14.5
	UNII-3				11.0	11.0	11.0				12.0	12.0	12.0				14.5	14.5	14.5
WiFi 5 GHz (BW : 80MHz)	UNII-1					11.0	11.0					12.0	12.0					14.5	14.5
	UNII-2A					11.0	11.0					12.0	12.0					14.5	14.5
	UNII-2C					11.0	11.0					12.0	12.0					14.5	14.5
	UNII-3					11.0	11.0					12.0	12.0					14.5	14.5

Notes:

1. DTS supports SISO & MIMO mode. & UNII only supports MIMO mode.
2. WLAN (DTS & UNII) has support to reduced power during RCV active.

Bluetooth & Bluetooth LE maximum allowed output power

Maximum allowed output power means that target power + 1.0dB device uncertainty

RF Air interface	Channel	Maximum allowed output power (dBm)	
		Sub.4	Sub.2
Bluetooth (BDR) (1Mbps)	Low	12.5	11.0
	Mid	13.0	11.0
	High	11.0	11.0
Bluetooth (EDR) (2Mbps/3Mbps)	Low	11.0	9.0
	Mid	11.5	9.0
	High	10.0	9.0
Bluetooth (LE) (1M/2M)	Low	12.0	10.5
	Mid	12.5	10.5
	High	11.0	10.5
Bluetooth (LE) (125kbps/500kbps)	Low	9.0	
	Mid	9.0	
	High	7.5	

Notes:

1. BT/BLE Antennas Operate only SISO mode.
2. Bluetooth LE (125kbps/500kbps) only support from the Sub.4 antenna

6.6. General LTE SAR Test and Reporting Considerations

Item	Description						
Frequency range, Channel Bandwidth, Numbers and Frequencies	Band 2	Frequency range: 1850 - 1910 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					
		Channel Bandwidth					
		20 MHz	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					
		Channel Bandwidth					
		20 MHz	15 MHz	10 MHz	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					
		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					
		Channel Bandwidth					
		20 MHz	15 MHz	10 MHz	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					
		Channel Bandwidth					
		20 MHz	15 MHz	10 MHz	5 MHz	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					
		Channel Bandwidth					
		20 MHz	15 MHz	10 MHz	5 MHz	3 MHz	1.4 MHz
	Low				23305/ 790.5		
	Mid			23330/ 793	23330/ 793		
	High				23355/ 795.5		
	Band 25	Frequency range: 1850 - 1915 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					
		Channel Bandwidth					
		20 MHz	15 MHz	10 MHz	5 MHz	3 MHz	1.4 MHz
	Low		26765/ 821.5	26740/ 819	26715/ 816.5	26705/ 815.5	26697/ 814.7
	Mid		26865/ 831.5	26865/ 831.5	26865/ 831.5	26865/ 831.5	26865/ 831.5
	High		26965/ 841.5	26990/ 844	27015/ 846.5	27025/ 847.5	27033/ 848.3

General LTE SAR Test and Reporting Considerations (Continued)

Item | **Description**

Frequency range, Channel Bandwidth, Numbers and Frequencies

Band 30	Frequency range: 2305 - 2315 MHz					
	Channel Bandwidth					
	20 MHz	15 MHz	10 MHz	5 MHz	3 MHz	1.4 MHz
Low				27685/ 2307.5		
Mid			27710/ 2310	27710/ 2310		
High				27735/ 2312.5		

Band 38	Frequency range: 2570 - 2620 MHz					
	Channel Bandwidth					
	20 MHz	15 MHz	10 MHz	5 MHz	3 MHz	1.4 MHz
Low	37850/ 2580	37825/ 2577.5	37800/ 2575	37775/ 2572.5		
Mid	38000/ 2595	38000/ 2595	38000/ 2595	38000/ 2595		
High	38150/ 2610	38175/ 2612.5	38200/ 2615	38225/ 2617.5		

Band 41	Frequency range: 2496 - 2690 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					
	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	55990/ 3625	55990/ 3625	55990/ 3625	55990/ 3625		
High	56640/ 3690	56665/ 3692.5	56690/ 3695	56715/ 3697.5		

Band 66	Frequency range: 1710 - 1780 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					
	Channel Bandwidth					
	20 MHz	15 MHz	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

Refer to Appendix A.

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

Power reduction

Yes.

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).

6.7. 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	$6592 \cdot T_s$	$2192 \cdot T_s$	$2560 \cdot T_s$	$7680 \cdot T_s$	$2192 \cdot T_s$	$2560 \cdot T_s$
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	$26336 \cdot T_s$			$7680 \cdot T_s$	$4384 \cdot T_s$	$5120 \cdot T_s$
5	$6592 \cdot T_s$	$4384 \cdot T_s$	$5120 \cdot T_s$	$20480 \cdot T_s$		
6	$19760 \cdot T_s$			$23040 \cdot T_s$		
7	$21952 \cdot T_s$			$12800 \cdot T_s$		
8	$24144 \cdot T_s$			-	-	-
9	$13168 \cdot T_s$			-	-	-

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	**63.33**
1	5 ms	D	S	U	U	D	D	S	U	U	D	43.33
2	5 ms	D	S	U	D	D	D	S	U	D	D	23.33
3	10 ms	D	S	U	U	U	D	D	D	D	D	31.67
4	10 ms	D	S	U	U	D	D	D	D	D	D	21.67
5	10 ms	D	S	U	D	D	D	D	D	D	D	11.67
6	5 ms	D	S	U	U	U	D	S	U	U	D	53.33

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

Example for Calculated Duty Cycle for Uplink-Downlink Configuration 0:
Calculated Duty Cycle = 5120 x [1/(15000 x 2048)] x 2 + 6 ms = 63.33%
where
T_s = 1/(15000 x 2048) seconds

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

6.8. NR (Sub 6GHz) SAR Test and Reporting Considerations

Item	Description													
Frequency range, Channel Bandwidth, Numbers and Frequencues	Band n2	Frequency range: 1850 - 1910 MHz												
		Channel Bandwidth												
		100 MHz	90 MHz	80 MHz	70 MHz	60 MHz	50 MHz	40 MHz	35 MHz	30 MHz	25 MHz	20 MHz	15 MHz	10 MHz	5 MHz
	Low							374000/ 1870	373500/ 1867.5	373000/ 1865	372500/ 1862.5	372000/ 1860	371500/ 1857.5	371000/ 1855	370500/ 1852.5
	Mid							376000/ 1880	376000/ 1880	376000/ 1880	376000/ 1880	376000/ 1880	376000/ 1880	376000/ 1880	376000/ 1880
	High							378000/ 1890	378500/ 1892.5	379000/ 1895	379500 1897.5	380000/ 1900	380500/ 1902.5	381000/ 1905	381500/ 1907.5
	Band n5	Frequency range: 824 - 849 MHz												
		Channel Bandwidth												
		100 MHz	90 MHz	80 MHz	70 MHz	60 MHz	50 MHz	40 MHz	35 MHz	30 MHz	25 MHz	20 MHz	15 MHz	10 MHz	5 MHz
	Low											166800/ 834	166300/ 831.5	165800/ 829	165300/ 826.5
	Mid											167300/ 836.5	167300/ 836.5	167300/ 836.5	167300/ 836.5
	High											167800/ 839	168300/ 841.5	168800/ 844	169300/ 846.5
	Band n25	Frequency range: 1850 - 1915 MHz												
		Channel Bandwidth												
		100 MHz	90 MHz	80 MHz	70 MHz	60 MHz	50 MHz	40 MHz	35 MHz	30 MHz	25 MHz	20 MHz	15 MHz	10 MHz	5 MHz
	Low							37400/ 1870	373500/ 1867.5	373000/ 1865	372500/ 1862.5	372000/ 1860	371500/ 1857.5	371000/ 1855	370500/ 1852.5
	Mid							376500/ 1882.5	376500/ 1882.5	376500/ 1882.5	376500/ 1882.5	376500/ 1882.5	376500/ 1882.5	376500/ 1882.5	376500/ 1882.5
	High							379000/ 1895	379500/ 1897.5	380000/ 1900	380500/ 1902.5	381000/ 1905	381500/ 1907.5	382000/ 1910	382500/ 1912.5
	Band n30	Frequency range: 2305 - 2315 MHz												
		Channel Bandwidth												
		100 MHz	90 MHz	80 MHz	70 MHz	60 MHz	50 MHz	40 MHz	35 MHz	30 MHz	25 MHz	20 MHz	15 MHz	10 MHz	5 MHz
	Low														461500/ 2307.5
	Mid													462000/ 2310	462000/ 2310
	High														462500/ 2312.5

NR (Sub 6GHz) SAR Test and Reporting Considerations (Continued)

Frequency range, Channel Bandwidth, Numbers and Frequencues														
Band n41	Frequency range: 2496 - 690 MHz													
	Channel Bandwidth													
	100 MHz	90 MHz	80 MHz	70 MHz	60 MHz	50 MHz	40 MHz	35 MHz	30 MHz	25 MHz	20 MHz	15 MHz	10 MHz	5 MHz
Low	509202/ 2546.01	508200/ 2541	507204/ 2536.02	506202/ 2531.01	505200/ 2526	504204/ 2512.02	503202/ 2516.01		552200/ 2511	501696/ 2508.48	501204/ 2506.02	500700/ 2503.5	500202/ 2501.01	
Low-Mid							516468/ 2567.34		510402/ 2552.01	510150/ 2550.75	509898/ 2549.49	509652/ 2548.26	509400/ 2547	
Mid	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	528000/ 2640	528996/ 2644.98	529998/ 2649.99	531000/ 2655	529998/ 2649.99	523734/ 2618.67	523734/ 2618.67		526800/ 2634	527046/ 2635.23	527298/ 2636.49	527550/ 2637.75	527802/ 2639.01	
High							534000/ 2670		534996/ 2674.98	535500/ 2677.5	535998/ 2679.99	536496/ 2682.48	537000/ 2685	
Band n48	Frequency range: 3550 - 3700 MHz													
	Channel Bandwidth													
	100 MHz	90 MHz	80 MHz	70 MHz	60 MHz	50 MHz	40 MHz	35 MHz	30 MHz	25 MHz	20 MHz	15 MHz	10 MHz	5 MHz
Low							638000/ 3570		637668/ 3565.02		637334/ 3560.01	637168/ 3557.52	637000/ 3555	
Low-Mid									640334/ 3605.01		640222/ 3603.33	640166/ 3602.49	640110/ 3601.65	
Mid							641666/ 3624.99							
Mid-High									643000/ 3645		643112/ 3646.68	643166/ 3647.49	643222/ 3648.33	
High							645332/ 3679.98		645666/ 3684.99		646000/ 3690	646166/ 3692.49	646332/ 3694.98	
Band n66	Frequency range: 1710 - 1780 MHz													
	Channel Bandwidth													
	100 MHz	90 MHz	80 MHz	70 MHz	60 MHz	50 MHz	40 MHz	35 MHz	30 MHz	25 MHz	20 MHz	15 MHz	10 MHz	5 MHz
Low							346000/ 1730	345500/ 1727.5	345000/ 1725	344500/ 1722.5	344000 /1720	343500 /1717.5	343000 /1715	342500 /1712.5
Mid							349000/ 1745	349000/ 1745	349000/ 1745	349000/ 1745	349000/ 1745	349000/ 1745	349000/ 1745	349000/ 1745
High							352000/ 1760	352500/ 1762.5	353000/ 1765	353500/ 1767.5	354000 /1770	354500 /1772.5	355000 /1775	355500 /1777.5
Band n70	Frequency range: 1695 - 1710 MHz													
	Channel Bandwidth													
	100 MHz	90 MHz	80 MHz	70 MHz	60 MHz	50 MHz	40 MHz	35 MHz	30 MHz	25 MHz	20 MHz	15 MHz	10 MHz	5 MHz
Low														340000/ 1700
Mid												340500 1702.5	340500 1702.5	
High														341000/ 1705
Band n71	Frequency range: 663 - 698 MHz													
	Channel Bandwidth													
	100 MHz	90 MHz	80 MHz	70 MHz	60 MHz	50 MHz	40 MHz	35 MHz	30 MHz	25 MHz	20 MHz	15 MHz	10 MHz	5 MHz
Low											134600/ 673	134100/ 670.5	133600/ 668	133147/ 665.5
Mid											136100/ 680.5	136100/ 680.5	136100/ 680.5	136100/ 680.5
High											137600/ 688	138100/ 690.5	138600/ 693	133447/ 695.5
Band n77 -DoD-	Frequency range: 3450 - 3550 MHz													
	Channel Bandwidth													
	100 MHz	90 MHz	80 MHz	70 MHz	60 MHz	50 MHz	40 MHz	35 MHz	30 MHz	25 MHz	20 MHz	15 MHz	10 MHz	5 MHz
Low						631668/ 3475.02	631334/ 3470.01		631000/ 3465	630866/ 3462.99	630668/ 3460.02	630500/ 3457.5	630334/ 3455.01	
Mid	633334 /3500.01	633334 /3500.01	633334 /3500.01	633334 /3500.01	633334 /3500.01				633334 /3500.01	633334 /3500.01	633334 /3500.01	633334 /3500.01	633334 /3500.01	
High						635000/ 3525	635332/ 3529.98		635666/ 3534.99	635800 3537	636000/ 3540	636166/ 3542.49	636332/ 3544.98	
Band n77	Frequency range: 3700 - 3980 MHz													
	Channel Bandwidth													
	100 MHz	90 MHz	80 MHz	70 MHz	60 MHz	50 MHz	40 MHz	35 MHz	30 MHz	25 MHz	20 MHz	15 MHz	10 MHz	5 MHz
Low	650000 /3750	649668 /3745.02	649334 /3740.01	649000/ 3735	648668 /3730.02	648334 /3725.01	648000 /3720		647668/ 3715.02	647500/ 3712.5	647334 /3710.01	647168/ 3707.52	647000/ 3705	
Low-Mid				653666/ 3804.99	653556 /3803.34	652166 /3782.49	651200 /3768		651000/ 3765	650900/ 3763.5	650800 /3762	650700/ 3760.5	650600/ 3759	
Mid-A		656000 /3840	656000 /3840			656000 /3840	654400 /3816		654334/ 3815.01	654300/ 3814.5	654266 /3813.99	654234/ 3813.51	654200/ 3813	
Mid-B							657600 /3864		657666/ 3864.99	657700/ 3814.5	657734 /3866.01	657766/ 3866.49	657800/ 3867	
Mid-High	662000 /3930	662332 /3934.98	662666 /3939.99	658334/ 3875.01	658444 /3876.66	659834 /3897.51	660800 /3912		661000/ 3915	661100/ 3916.5	661200 /3918	661300/ 3919.5	661400/ 3921	
High				663000/ 3945	663332 /3949.98	663666 /3954.99	664000 /3960		664332/ 3964.98	664500/ 3967.5	664666 /3969.99	664832/ 3972.48	665000/ 3975	

NR (Sub 6GHz) SAR Test and Reporting Considerations (Continued)

Frequency range, Channel Bandwidth, Numbers and Frequencues	Band n78 -DoD-	Frequency range: 3450 - 3550 MHz													
		Channel Bandwidth													
		100 MHz	90 MHz	80 MHz	70 MHz	60 MHz	50 MHz	40 MHz	35 MHz	30 MHz	25 MHz	20 MHz	15 MHz	10 MHz	5 MHz
	Low						631668/ 3475.02	631334/ 3470.01		631000/ 3465	630866/ 3462.99	630668/ 3460.02	630500/ 3457.5	630334/ 3455.01	
	Mid	633334 /3500.01	633334 /3500.01	633334 /3500.01	633334 /3500.01	633334 /3500.01				633334 /3500.01	633334 /3500.01	633334 /3500.01	633334 /3500.01	633334 /3500.01	
	High						635000/ 3525	635332/ 3529.98		635666/ 3534.99	635800 3537	636000/ 3540	636166/ 3542.49	636332/ 3544.98	
	Band n78	Frequency range: 3700 - 3800 MHz													
		Channel Bandwidth													
		100 MHz	90 MHz	80 MHz	70 MHz	60 MHz	50 MHz	40 MHz	35 MHz	30 MHz	25 MHz	20 MHz	15 MHz	10 MHz	5 MHz
	Low						648334/ 3725.01	647800/ 3720		647666/ 3715	647500/ 3712.5	647334/ 3710.01	647166/ 3707.5	647000/ 3705	
	Mid	650000/ 3750	650000/ 3750	650000/ 3750	650000/ 3750	650000/ 3750				650000/ 3750	650000/ 3750	650000/ 3750	650000/ 3750	650000/ 3750	
	High						651666/ 3774.99	652000/ 3780		652332/ 3784.98	652500/ 3787.5	652666/ 3789.99	652832/ 3792.48	653000/ 3795	

SCS	NR FDD Bands : 15 kHz, NR TDD Bands : 30kHz
Modulations Supported in UL	DFT-s-OFDM: π/2 BPSK, QPSK, 16QAM, 64QAM, 256QAM & CP-OFDM: QPSK, 16QAM, 64QAM, 256QAM
A-MPR (Additional MPR) disabled for SAR Testing?	Yes
EN-DC Carrier Aggregation Possible Combinations	
LTE Anchor Bands for NR Band n2	LTE Band 4/5/7/12/13/14/30/48/66/71
LTE Anchor Bands for NR Band n5	LTE Band 2/4/7/30/48/66
LTE Anchor Bands for NR Band n25	LTE Band 2/5/7/12/13/66/71
LTE Anchor Bands for NR Band n30	SA only
LTE Anchor Bands for NR Band n41	LTE Band 2/12/66
LTE Anchor Bands for NR Band n48	SA only
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	SA only
LTE Anchor Bands for NR Band n71	LTE Band 2/48/66
LTE Anchor Bands for NR Band n77	LTE Band 2/5/7/12/13/14/25/30/41/66/71
LTE Anchor Bands for NR Band n78	LTE Band 2/4/5/7/12/13/25/38/41/66/71

Notes:

1. 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, NR TDD' SAR testing was performed using test mode software to establish the connection. And NR FDD's SAR testing was performed using Call box. Call box setup refer to Sec.9.4 in report.
2. NR configurations of SAR test were determined according to Section 5.2 of KDB 941225 D05.

7. RF Exposure Conditions (Test Configurations)

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

Wireless technologies	RF Exposure Conditions	Antenaa	DUT-to-User Separation	Test Positions			
				Right Touch	Right Tilt	Left Touch	Left Tilt
WWAN & WLAN/BT	Head	All WWAN/WLAN/BT Antennas (Main1/ 2/ Sub.2 /3 /4 /5 /7 /8)	0 mm	**Yes**	**Yes**	**Yes**	**Yes**

Wireless technologies	RF Exposure Conditions	Antenaa	DUT-to-User Separation	Test Positions					
				Rear	Front	Top	Left	Bottom	Right
WWAN	Body-worn & Hotspot	Main1	5 mm	**Yes**	**Yes**	**No**	**No**	**Yes**	**Yes**
		Main2	5 mm	**Yes**	**Yes**	**No**	**Yes**	**Yes**	**No**
		Sub.2	5 mm	**Yes**	**Yes**	**Yes**	**Yes**	**No**	**No**
		Sub.3	5 mm	**Yes**	**Yes**	**Yes**	**Yes**	**No**	**No**
		Sub.7	5 mm	**Yes**	**Yes**	**Yes**	**No**	**No**	**Yes**
		Sub.8	5 mm	**Yes**	**Yes**	**Yes**	**Yes**	**No**	**No**
WLAN/BT	Body-worn & Hotspot	WiFi2.4G/BT_Sub.4	5 mm	**Yes**	**Yes**	**Yes**	**Yes**	**No**	**No**
		WiFi2.4G/BT_Sub.2	5 mm	**Yes**	**Yes**	**Yes**	**Yes**	**No**	**No**
		WiFi 5.2/5.8G_Sub.3	5 mm	**Yes**	**Yes**	**Yes**	**Yes**	**No**	**No**
		WiFi 5.2/5.8G_Sub.5	5 mm	**Yes**	**Yes**	**No**	**Yes**	**No**	**No**
	Body-worn & Near body[2]	WiFi 5.3/5.5G_Sub.3	5 mm	**Yes**	**Yes**	**No**	**Yes**	**No**	**No**
		WiFi 5.3/5.5G_Sub.5	5 mm	**Yes**	**Yes**	**No**	**Yes**	**No**	**No**
NFC	Near body[2]	NFC Ant.	5 mm	**Yes**	**Yes**	**Yes**	**Yes**	**No**	**No**

Notes:

This device is phablet, and SAR test is considered according to Sec.2.5 in KDB 648474 D04. SAR test generally considers Head/Body-worn/Hotspot exposure conditions. Additionally, Hand-held condition was considered by applying 1g Near body SAR at 5mm distance.

1. If some bands support hotspot mode, SAR is not required because the distance from the antenna to the edge is > 25 mm as per KDB 941225 D06 Hotspot SAR.
2. If some bands do not support hotspot mode, then the bands considered Near body exposure condition. Near body exposure condition tested 1-g SAR on all surfaces and side edges with antenna located at ≤ 25mm from that surface or edge, at 5mm test distance.
3. NFC is not expected to be used in Head exposure condition. So NFC SAR was only considered about Near Body.
4. For Head exposure condition, All WWAN/WLAN/BT Antennas are required Head SAR test.
5. For Body-worn exposure condition, SAR test is considered for Rear and Front test positions.
6. The Body-worn/Near body minimum separation distance is 5mm. To cover both body-worn/Near body and hotspot RF exposure conditions testing was performed at a separation distance of 5mm.

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 Tissue Dielectric parameters (100MHz to 6GHz) 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.
For The Tissue Dielectric parameters (4MHz to 30MHz). The parameters must be measured before 24 hours.

1. Tissue Dielectric Parameters (100MHz to 6GHz)
FCC KDB 865664 D01 SAR Measurement 100 MHz to 6 GHz

Target Frequency (MHz)	Head	
	ε_r	σ (S/m)
150	52.3	0.76
300	45.3	0.87
450	43.5	0.87
835	41.5	0.90
900	41.5	0.97
915	41.5	0.98
1450	40.5	1.20
1610	40.3	1.29
1800 – 2000	40.0	1.40
2450	39.2	1.80
3000	38.5	2.40
5000	36.2	4.45
5100	36.1	4.55
5200	36.0	4.66
5300	35.9	4.76
5400	35.8	4.86
5500	35.6	4.96
5600	35.5	5.07
5700	35.4	5.17
5800	35.3	5.27
6000	35.1	5.48

SAR test were performed in All RF exposure conditions using Head tissue according to TCB workshop note of April. 2019.

IEEE Std 1528-2013
Refer to Table 3 within the IEEE Std 1528-2013

2. Tissue Dielectric Parameters (4MHz to 30MHz)

Target Frequency (MHz)	Head	
	ε_r	σ (S/m)
4	55.0	0.75
13	55.0	0.75
30	55.0	0.75

IEC_IEEE Std 62209-1528 : 2020
Refer to Table 2 within the IEC_IEEE Std 62209-1528 : 2020.

Dielectric Property Measurements Results:

SAR 1 Room

Date	Freq. (MHz)	Liquid Parameters			Measured	Target	Delta (%)	Limit ±(%)
2024-12-04	Head 3500	e'	38.8200	Relative Permittivity (ε_r):	38.82	37.93	2.35	5
		e''	14.4400	Conductivity (σ):	2.81	2.91	-3.48	5
	Head 3600	e'	38.6600	Relative Permittivity (ε_r):	38.66	37.82	2.23	5
		e''	14.4900	Conductivity (σ):	2.90	3.01	-3.76	5
	Head 3700	e'	38.5100	Relative Permittivity (ε_r):	38.51	37.70	2.14	5
		e''	14.5500	Conductivity (σ):	2.99	3.12	-3.94	5
	Head 3800	e'	38.3800	Relative Permittivity (ε_r):	38.38	37.59	2.11	5
		e''	14.6400	Conductivity (σ):	3.09	3.22	-3.89	5
	Head 3900	e'	38.2200	Relative Permittivity (ε_r):	38.22	37.47	1.99	5
		e''	14.7300	Conductivity (σ):	3.19	3.32	-3.81	5
	Head 3980	e'	38.0900	Relative Permittivity (ε_r):	38.09	37.38	1.89	5
		e''	14.8100	Conductivity (σ):	3.28	3.40	-3.68	5

SAR 2 Room

Date	Freq. (MHz)	Liquid Parameters			Measured	Target	Delta (%)	Limit ±(%)
2024-11-12	Head 1750	e'	40.1800	Relative Permittivity (ε_r):	40.18	40.08	0.24	5
		e''	13.7600	Conductivity (σ):	1.34	1.37	-2.20	5
	Head 1680	e'	40.2500	Relative Permittivity (ε_r):	40.25	40.19	0.14	5
		e''	13.9300	Conductivity (σ):	1.30	1.33	-2.12	5
	Head 1780	e'	40.1800	Relative Permittivity (ε_r):	40.18	40.04	0.35	5
		e''	13.7200	Conductivity (σ):	1.36	1.39	-2.02	5
2024-11-18	Head 1750	e'	40.3200	Relative Permittivity (ε_r):	40.32	40.08	0.59	5
		e''	13.4600	Conductivity (σ):	1.31	1.37	-4.33	5
	Head 1680	e'	40.4700	Relative Permittivity (ε_r):	40.47	40.19	0.69	5
		e''	13.6400	Conductivity (σ):	1.27	1.33	-4.16	5
	Head 1780	e'	40.2700	Relative Permittivity (ε_r):	40.27	40.04	0.58	5
		e''	13.3800	Conductivity (σ):	1.32	1.39	-4.45	5
2024-11-19	Head 1750	e'	39.2900	Relative Permittivity (ε_r):	39.29	40.08	-1.98	5
		e''	13.7900	Conductivity (σ):	1.34	1.37	-1.98	5
	Head 1680	e'	39.3900	Relative Permittivity (ε_r):	39.39	40.19	-2.00	5
		e''	13.8200	Conductivity (σ):	1.29	1.33	-2.90	5
	Head 1780	e'	39.1900	Relative Permittivity (ε_r):	39.19	40.04	-2.12	5
		e''	13.7500	Conductivity (σ):	1.36	1.39	-1.80	5
2024-11-25	Head 1750	e'	39.2900	Relative Permittivity (ε_r):	40.66	40.08	1.44	5
		e''	13.7900	Conductivity (σ):	1.33	1.37	-2.85	5
	Head 1680	e'	39.3900	Relative Permittivity (ε_r):	40.79	40.19	1.49	5
		e''	13.8200	Conductivity (σ):	1.30	1.33	-2.22	5
	Head 1780	e'	39.1900	Relative Permittivity (ε_r):	40.62	40.04	1.45	5
		e''	13.7500	Conductivity (σ):	1.34	1.39	-3.17	5
2024-11-28	Head 1750	e'	39.2900	Relative Permittivity (ε_r):	39.54	40.08	-1.36	5
		e''	13.7900	Conductivity (σ):	1.32	1.37	-3.94	5
	Head 1680	e'	39.3900	Relative Permittivity (ε_r):	39.71	40.19	-1.20	5
		e''	13.8200	Conductivity (σ):	1.28	1.33	-3.80	5
	Head 1780	e'	39.1900	Relative Permittivity (ε_r):	39.50	40.04	-1.34	5
		e''	13.7500	Conductivity (σ):	1.33	1.39	-3.96	5
2024-12-02	Head 1750	e'	39.2900	Relative Permittivity (ε_r):	38.78	40.08	-3.25	5
		e''	13.7900	Conductivity (σ):	1.31	1.37	-4.16	5
	Head 1680	e'	39.3900	Relative Permittivity (ε_r):	38.92	40.19	-3.17	5
		e''	13.8200	Conductivity (σ):	1.28	1.33	-3.95	5
	Head 1780	e'	39.1900	Relative Permittivity (ε_r):	38.71	40.04	-3.32	5
		e''	13.7500	Conductivity (σ):	1.33	1.39	-4.39	5
2024-12-06	Head 2450	e'	38.5100	Relative Permittivity (ε_r):	38.39	39.20	-2.07	5
		e''	13.3300	Conductivity (σ):	1.88	1.80	4.28	5
	Head 2400	e'	38.5400	Relative Permittivity (ε_r):	38.48	39.30	-2.08	5
		e''	13.3100	Conductivity (σ):	1.84	1.75	4.87	5
	Head 2500	e'	38.5100	Relative Permittivity (ε_r):	38.30	39.14	-2.14	5
		e''	13.3500	Conductivity (σ):	1.92	1.85	3.34	5
2024-12-09	Head 1750	e'	39.2900	Relative Permittivity (ε_r):	40.38	40.08	0.74	5
		e''	13.7900	Conductivity (σ):	1.31	1.37	-4.23	5
	Head 1680	e'	39.3900	Relative Permittivity (ε_r):	40.52	40.19	0.82	5
		e''	13.8200	Conductivity (σ):	1.27	1.33	-4.25	5
	Head 1780	e'	39.1900	Relative Permittivity (ε_r):	40.32	40.04	0.70	5
		e''	13.7500	Conductivity (σ):	1.33	1.39	-4.25	5
2024-12-12	Head 1750	e'	39.2900	Relative Permittivity (ε_r):	39.01	40.08	-2.68	5
		e''	13.7900	Conductivity (σ):	1.39	1.37	1.61	5
	Head 1680	e'	39.3900	Relative Permittivity (ε_r):	39.13	40.19	-2.64	5
		e''	13.8200	Conductivity (σ):	1.35	1.33	1.62	5
	Head 1780	e'	39.1900	Relative Permittivity (ε_r):	38.97	40.04	-2.67	5
		e''	13.7500	Conductivity (σ):	1.41	1.39	1.52	5

SAR 2 Room (Continued)

Date	Freq. (MHz)	Liquid Parameters			Measured	Target	Delta (%)	Limit ±(%)
2024-12-14	Head 2450	e'	38.6800	Relative Permittivity (ϵ_r):	38.39	39.20	-2.07	5
		e''	13.3500	Conductivity (σ):	1.88	1.80	4.28	5
	Head 2400	e'	38.7400	Relative Permittivity (ϵ_r):	38.48	39.30	-2.08	5
		e''	13.3800	Conductivity (σ):	1.84	1.75	4.87	5
	Head 2500	e'	38.6400	Relative Permittivity (ϵ_r):	38.30	39.14	-2.14	5
		e''	13.3600	Conductivity (σ):	1.92	1.85	3.34	5
2024-12-18	Head 2450	e'	39.3700	Relative Permittivity (ϵ_r):	38.39	39.20	-2.07	5
		e''	13.4100	Conductivity (σ):	1.88	1.80	4.28	5
	Head 2400	e'	39.4800	Relative Permittivity (ϵ_r):	38.48	39.30	-2.08	5
		e''	13.4600	Conductivity (σ):	1.84	1.75	4.87	5
	Head 2500	e'	39.3400	Relative Permittivity (ϵ_r):	38.30	39.14	-2.14	5
		e''	13.4000	Conductivity (σ):	1.92	1.85	3.34	5
2024-12-19	Head 1750	e'	40.4500	Relative Permittivity (ϵ_r):	39.01	40.08	-2.68	5
		e''	13.8700	Conductivity (σ):	1.39	1.37	1.61	5
	Head 1680	e'	40.6500	Relative Permittivity (ϵ_r):	39.13	40.19	-2.64	5
		e''	14.0300	Conductivity (σ):	1.35	1.33	1.62	5
	Head 1780	e'	40.3700	Relative Permittivity (ϵ_r):	38.97	40.04	-2.67	5
		e''	13.7800	Conductivity (σ):	1.41	1.39	1.52	5
2024-12-23	Head 2450	e'	39.5700	Relative Permittivity (ϵ_r):	38.39	39.20	-2.07	5
		e''	12.6300	Conductivity (σ):	1.88	1.80	4.28	5
	Head 2400	e'	39.6400	Relative Permittivity (ϵ_r):	38.48	39.30	-2.08	5
		e''	12.6500	Conductivity (σ):	1.84	1.75	4.87	5
	Head 2500	e'	39.5200	Relative Permittivity (ϵ_r):	38.30	39.14	-2.14	5
		e''	12.6300	Conductivity (σ):	1.92	1.85	3.34	5

SAR 3 Room

Date	Freq. (MHz)	Liquid Parameters			Measured	Target	Delta (%)	Limit ±(%)
2024-11-12	Head 1900	e'	38.6400	Relative Permittivity (ϵ_r):	38.64	40.00	-3.40	5
		e''	13.6500	Conductivity (σ):	1.44	1.40	3.00	5
	Head 1850	e'	38.6700	Relative Permittivity (ϵ_r):	38.67	40.00	-3.33	5
		e''	13.6800	Conductivity (σ):	1.41	1.40	0.51	5
	Head 1915	e'	38.6100	Relative Permittivity (ϵ_r):	38.61	40.00	-3.48	5
		e''	13.6400	Conductivity (σ):	1.45	1.40	3.74	5
2024-11-18	Head 1900	e'	38.7900	Relative Permittivity (ϵ_r):	38.79	40.00	-3.03	5
		e''	13.0200	Conductivity (σ):	1.38	1.40	-1.75	5
	Head 1850	e'	38.7700	Relative Permittivity (ϵ_r):	38.77	40.00	-3.07	5
		e''	13.1000	Conductivity (σ):	1.35	1.40	-3.75	5
	Head 1915	e'	38.7800	Relative Permittivity (ϵ_r):	38.78	40.00	-3.05	5
		e''	13.0200	Conductivity (σ):	1.39	1.40	-0.97	5
2024-11-20	Head 1900	e'	38.6800	Relative Permittivity (ϵ_r):	38.68	40.00	-3.30	5
		e''	13.3400	Conductivity (σ):	1.41	1.40	0.67	5
	Head 1850	e'	38.7200	Relative Permittivity (ϵ_r):	38.72	40.00	-3.20	5
		e''	13.4100	Conductivity (σ):	1.38	1.40	-1.47	5
	Head 1915	e'	38.6600	Relative Permittivity (ϵ_r):	38.66	40.00	-3.35	5
		e''	13.3300	Conductivity (σ):	1.42	1.40	1.38	5
2024-11-25	Head 1900	e'	40.8500	Relative Permittivity (ϵ_r):	40.85	40.00	2.13	5
		e''	12.9300	Conductivity (σ):	1.37	1.40	-2.43	5
	Head 1850	e'	40.8700	Relative Permittivity (ϵ_r):	40.87	40.00	2.17	5
		e''	13.0100	Conductivity (σ):	1.34	1.40	-4.41	5
	Head 1915	e'	40.8500	Relative Permittivity (ϵ_r):	40.85	40.00	2.13	5
		e''	12.9200	Conductivity (σ):	1.38	1.40	-1.73	5
2024-11-28	Head 2450	e'	38.6200	Relative Permittivity (ϵ_r):	38.62	39.20	-1.48	5
		e''	12.9200	Conductivity (σ):	1.76	1.80	-2.22	5
	Head 2400	e'	38.7200	Relative Permittivity (ϵ_r):	38.72	39.30	-1.47	5
		e''	12.9100	Conductivity (σ):	1.72	1.75	-1.65	5
	Head 2480	e'	38.6500	Relative Permittivity (ϵ_r):	38.65	39.16	-1.31	5
		e''	12.9400	Conductivity (σ):	1.78	1.83	-2.62	5
2024-12-02	Head 2450	e'	39.4000	Relative Permittivity (ϵ_r):	39.40	39.20	0.51	5
		e''	13.5000	Conductivity (σ):	1.84	1.80	2.17	5
	Head 2400	e'	39.5200	Relative Permittivity (ϵ_r):	39.52	39.30	0.57	5
		e''	13.5000	Conductivity (σ):	1.80	1.75	2.85	5
	Head 2480	e'	39.3200	Relative Permittivity (ϵ_r):	39.32	39.16	0.40	5
		e''	13.4900	Conductivity (σ):	1.86	1.83	1.52	5
2024-12-04	Head 1900	e'	39.2300	Relative Permittivity (ϵ_r):	39.23	40.00	-1.93	5
		e''	13.5500	Conductivity (σ):	1.43	1.40	2.25	5
	Head 1850	e'	39.3700	Relative Permittivity (ϵ_r):	39.37	40.00	-1.58	5
		e''	13.6400	Conductivity (σ):	1.40	1.40	0.22	5
	Head 1915	e'	39.1600	Relative Permittivity (ϵ_r):	39.16	40.00	-2.10	5
		e''	13.5300	Conductivity (σ):	1.44	1.40	2.91	5
2024-12-09	Head 1900	e'	38.4600	Relative Permittivity (ϵ_r):	38.46	40.00	-3.85	5
		e''	13.2300	Conductivity (σ):	1.40	1.40	-0.16	5
	Head 1850	e'	38.4400	Relative Permittivity (ϵ_r):	38.44	40.00	-3.90	5
		e''	13.3100	Conductivity (σ):	1.37	1.40	-2.20	5
	Head 1915	e'	38.4600	Relative Permittivity (ϵ_r):	38.46	40.00	-3.85	5
		e''	13.2200	Conductivity (σ):	1.41	1.40	0.55	5
2024-12-09	Head 2450	e'	37.6800	Relative Permittivity (ϵ_r):	37.68	39.20	-3.88	5
		e''	12.9700	Conductivity (σ):	1.77	1.80	-1.84	5
	Head 2400	e'	37.8800	Relative Permittivity (ϵ_r):	37.88	39.30	-3.61	5
		e''	13.0000	Conductivity (σ):	1.73	1.75	-0.96	5
	Head 2480	e'	37.5800	Relative Permittivity (ϵ_r):	37.58	39.16	-4.04	5
		e''	12.9600	Conductivity (σ):	1.79	1.83	-2.47	5

SAR 3 Room (Continued)

Date	Freq. (MHz)	Liquid Parameters			Measured	Target	Delta (%)	Limit ±(%)
2024-12-13	Head 2450	e'	39.7700	Relative Permittivity (ε_r):	39.77	39.20	1.45	5
		e''	13.4200	Conductivity (σ):	1.83	1.80	1.57	5
	Head 2400	e'	39.8600	Relative Permittivity (ε_r):	39.86	39.30	1.43	5
		e''	13.4400	Conductivity (σ):	1.79	1.75	2.39	5
	Head 2480	e'	39.7200	Relative Permittivity (ε_r):	39.72	39.16	1.42	5
		e''	13.4100	Conductivity (σ):	1.85	1.83	0.91	5
2024-12-16	Head 1900	e'	41.6400	Relative Permittivity (ε_r):	41.64	40.00	4.10	5
		e''	12.9500	Conductivity (σ):	1.37	1.40	-2.28	5
	Head 1850	e'	41.7500	Relative Permittivity (ε_r):	41.75	40.00	4.38	5
		e''	12.9700	Conductivity (σ):	1.33	1.40	-4.70	5
	Head 1915	e'	41.6000	Relative Permittivity (ε_r):	41.60	40.00	4.00	5
		e''	12.9400	Conductivity (σ):	1.38	1.40	-1.58	5
2024-12-17	Head 2450	e'	39.8500	Relative Permittivity (ε_r):	39.85	39.20	1.66	5
		e''	13.0300	Conductivity (σ):	1.78	1.80	-1.39	5
	Head 2400	e'	39.9600	Relative Permittivity (ε_r):	39.96	39.30	1.69	5
		e''	13.0600	Conductivity (σ):	1.74	1.75	-0.50	5
	Head 2480	e'	39.8000	Relative Permittivity (ε_r):	39.80	39.16	1.63	5
		e''	13.0100	Conductivity (σ):	1.79	1.83	-2.10	5
2024-12-19	Head 1750	e'	39.7000	Relative Permittivity (ε_r):	39.70	40.08	-0.96	5
		e''	13.8900	Conductivity (σ):	1.35	1.37	-1.27	5
	Head 1710	e'	39.7400	Relative Permittivity (ε_r):	39.74	40.15	-1.01	5
		e''	13.9300	Conductivity (σ):	1.32	1.35	-1.63	5
	Head 1780	e'	39.6500	Relative Permittivity (ε_r):	39.65	40.04	-0.97	5
		e''	13.8400	Conductivity (σ):	1.37	1.39	-1.16	5
2024-12-23	Head 2450	e'	39.3000	Relative Permittivity (ε_r):	39.30	39.20	0.26	5
		e''	13.3400	Conductivity (σ):	1.82	1.80	0.96	5
	Head 2400	e'	39.3700	Relative Permittivity (ε_r):	39.37	39.30	0.19	5
		e''	13.3100	Conductivity (σ):	1.78	1.75	1.40	5
	Head 2480	e'	39.2600	Relative Permittivity (ε_r):	39.26	39.16	0.25	5
		e''	13.3500	Conductivity (σ):	1.84	1.83	0.46	5
2025-01-02	Head 1900	e'	40.0600	Relative Permittivity (ε_r):	40.06	40.00	0.15	5
		e''	13.6500	Conductivity (σ):	1.44	1.40	3.00	5
	Head 1850	e'	40.1300	Relative Permittivity (ε_r):	40.13	40.00	0.33	5
		e''	13.7100	Conductivity (σ):	1.41	1.40	0.73	5
	Head 1915	e'	40.0400	Relative Permittivity (ε_r):	40.04	40.00	0.10	5
		e''	13.6400	Conductivity (σ):	1.45	1.40	3.74	5

SAR 4 Room

Date	Freq. (MHz)	Liquid Parameters			Measured	Target	Delta (%)	Limit ±(%)
2024-11-18	Head 750	e'	42.3600	Relative Permittivity (ε_r):	42.36	41.96	0.95	5
		e"	20.9500	Conductivity (σ):	0.87	0.89	-2.17	5
	Head 660	e'	42.6300	Relative Permittivity (ε_r):	42.63	42.42	0.49	5
		e"	23.0800	Conductivity (σ):	0.85	0.89	-4.42	5
	Head 800	e'	42.2100	Relative Permittivity (ε_r):	42.21	41.71	1.21	5
		e"	19.9200	Conductivity (σ):	0.89	0.90	-1.21	5
2024-11-18	Head 835	e'	42.1200	Relative Permittivity (ε_r):	42.12	41.50	1.49	5
		e"	19.4000	Conductivity (σ):	0.90	0.90	0.08	5
	Head 810	e'	42.1800	Relative Permittivity (ε_r):	42.18	41.65	1.26	5
		e"	19.7700	Conductivity (σ):	0.89	0.90	-0.81	5
	Head 850	e'	42.0800	Relative Permittivity (ε_r):	42.08	41.50	1.40	5
		e"	19.1900	Conductivity (σ):	0.91	0.92	-0.88	5
2024-11-22	Head 750	e'	41.2000	Relative Permittivity (ε_r):	41.20	41.96	-1.81	5
		e"	22.0600	Conductivity (σ):	0.92	0.89	3.01	5
	Head 660	e'	41.4600	Relative Permittivity (ε_r):	41.46	42.42	-2.27	5
		e"	24.3600	Conductivity (σ):	0.89	0.89	0.88	5
	Head 800	e'	41.0700	Relative Permittivity (ε_r):	41.07	41.71	-1.52	5
		e"	21.0100	Conductivity (σ):	0.93	0.90	4.20	5
2024-11-22	Head 835	e'	40.9800	Relative Permittivity (ε_r):	40.98	41.50	-1.25	5
		e"	20.3400	Conductivity (σ):	0.94	0.90	4.93	5
	Head 810	e'	41.0400	Relative Permittivity (ε_r):	41.04	41.65	-1.47	5
		e"	20.8200	Conductivity (σ):	0.94	0.90	4.46	5
	Head 850	e'	40.9400	Relative Permittivity (ε_r):	40.94	41.50	-1.35	5
		e"	20.0700	Conductivity (σ):	0.95	0.92	3.67	5
2024-11-25	Head 2600	e'	37.8500	Relative Permittivity (ε_r):	37.85	39.01	-2.98	5
		e"	13.4600	Conductivity (σ):	1.95	1.96	-0.83	5
	Head 2495	e'	37.8700	Relative Permittivity (ε_r):	37.87	39.14	-3.25	5
		e"	13.7400	Conductivity (σ):	1.91	1.85	3.11	5
	Head 2700	e'	37.7900	Relative Permittivity (ε_r):	37.79	38.88	-2.82	5
		e"	13.2200	Conductivity (σ):	1.98	2.07	-4.13	5
2024-11-26	Head 3500	e'	38.7500	Relative Permittivity (ε_r):	38.75	37.93	2.16	5
		e"	14.7300	Conductivity (σ):	2.87	2.91	-1.54	5
	Head 3600	e'	38.5700	Relative Permittivity (ε_r):	38.57	37.82	2.00	5
		e"	14.8000	Conductivity (σ):	2.96	3.01	-1.70	5
	Head 3700	e'	38.4000	Relative Permittivity (ε_r):	38.40	37.70	1.85	5
		e"	14.8800	Conductivity (σ):	3.06	3.12	-1.76	5
	Head 3800	e'	38.2300	Relative Permittivity (ε_r):	38.23	37.59	1.71	5
		e"	14.9800	Conductivity (σ):	3.17	3.22	-1.66	5
	Head 3900	e'	38.0600	Relative Permittivity (ε_r):	38.06	37.47	1.57	5
		e"	15.0900	Conductivity (σ):	3.27	3.32	-1.46	5
	Head 3980	e'	37.9100	Relative Permittivity (ε_r):	37.91	37.38	1.41	5
		e"	15.1800	Conductivity (σ):	3.36	3.40	-1.27	5

SAR 4 Room (Continued)

Date	Freq. (MHz)	Liquid Parameters			Measured	Target	Delta (%)	Limit ±(%)
2024-12-02	Head 3500	e'	38.5200	Relative Permittivity (ε_r):	38.52	37.93	1.56	5
		e''	15.1300	Conductivity (σ):	2.94	2.91	1.13	5
	Head 3600	e'	38.3800	Relative Permittivity (ε_r):	38.38	37.82	1.49	5
		e''	15.1800	Conductivity (σ):	3.04	3.01	0.82	5
	Head 3700	e'	38.2400	Relative Permittivity (ε_r):	38.24	37.70	1.43	5
		e''	15.2200	Conductivity (σ):	3.13	3.12	0.48	5
	Head 3800	e'	38.1300	Relative Permittivity (ε_r):	38.13	37.59	1.44	5
		e''	15.2700	Conductivity (σ):	3.23	3.22	0.25	5
	Head 3900	e'	37.9900	Relative Permittivity (ε_r):	37.99	37.47	1.38	5
		e''	15.3300	Conductivity (σ):	3.32	3.32	0.11	5
	Head 3980	e'	37.8900	Relative Permittivity (ε_r):	37.89	37.38	1.36	5
		e''	15.3900	Conductivity (σ):	3.41	3.40	0.09	5
2024-12-06	Head 3500	e'	37.8200	Relative Permittivity (ε_r):	37.82	37.93	-0.29	5
		e''	14.5200	Conductivity (σ):	2.83	2.91	-2.95	5
	Head 3600	e'	37.6600	Relative Permittivity (ε_r):	37.66	37.82	-0.41	5
		e''	14.5600	Conductivity (σ):	2.91	3.01	-3.30	5
	Head 3700	e'	37.5000	Relative Permittivity (ε_r):	37.50	37.70	-0.53	5
		e''	14.6200	Conductivity (σ):	3.01	3.12	-3.48	5
	Head 3800	e'	37.3500	Relative Permittivity (ε_r):	37.35	37.59	-0.63	5
		e''	14.6800	Conductivity (σ):	3.10	3.22	-3.63	5
	Head 3900	e'	37.1900	Relative Permittivity (ε_r):	37.19	37.47	-0.76	5
		e''	14.7700	Conductivity (σ):	3.20	3.32	-3.55	5
	Head 3980	e'	37.0700	Relative Permittivity (ε_r):	37.07	37.38	-0.83	5
		e''	14.8400	Conductivity (σ):	3.28	3.40	-3.49	5
2024-12-10	Head 3500	e'	37.7400	Relative Permittivity (ε_r):	37.74	37.93	-0.50	5
		e''	14.9600	Conductivity (σ):	2.91	2.91	-0.01	5
	Head 3600	e'	37.6300	Relative Permittivity (ε_r):	37.63	37.82	-0.49	5
		e''	15.0200	Conductivity (σ):	3.01	3.01	-0.24	5
	Head 3700	e'	37.5200	Relative Permittivity (ε_r):	37.52	37.70	-0.48	5
		e''	15.0700	Conductivity (σ):	3.10	3.12	-0.51	5
	Head 3800	e'	37.4000	Relative Permittivity (ε_r):	37.40	37.59	-0.50	5
		e''	15.1100	Conductivity (σ):	3.19	3.22	-0.81	5
	Head 3900	e'	37.2700	Relative Permittivity (ε_r):	37.27	37.47	-0.54	5
		e''	15.1600	Conductivity (σ):	3.29	3.32	-1.01	5
	Head 3980	e'	37.1400	Relative Permittivity (ε_r):	37.14	37.38	-0.65	5
		e''	15.2100	Conductivity (σ):	3.37	3.40	-1.08	5
2024-12-20	Head 3500	e'	37.8100	Relative Permittivity (ε_r):	37.81	37.93	-0.32	5
		e''	14.4600	Conductivity (σ):	2.81	2.91	-3.35	5
	Head 3600	e'	37.6500	Relative Permittivity (ε_r):	37.65	37.82	-0.44	5
		e''	14.5300	Conductivity (σ):	2.91	3.01	-3.50	5
	Head 3700	e'	37.4900	Relative Permittivity (ε_r):	37.49	37.70	-0.56	5
		e''	14.6100	Conductivity (σ):	3.01	3.12	-3.55	5
	Head 3800	e'	37.3300	Relative Permittivity (ε_r):	37.33	37.59	-0.68	5
		e''	14.7200	Conductivity (σ):	3.11	3.22	-3.37	5
	Head 3900	e'	37.1600	Relative Permittivity (ε_r):	37.16	37.47	-0.84	5
		e''	14.8300	Conductivity (σ):	3.22	3.32	-3.16	5
	Head 3980	e'	37.0200	Relative Permittivity (ε_r):	37.02	37.38	-0.97	5
		e''	14.9200	Conductivity (σ):	3.30	3.40	-2.97	5

SAR 5 Room

Date	Freq. (MHz)	Liquid Parameters			Measured	Target	Delta (%)	Limit ±(%)
2024-11-25	Head 3400	e'	37.0600	Relative Permittivity (ε_r):	37.06	38.04	-2.59	5
		e''	15.2200	Conductivity (σ):	2.88	2.81	2.42	5
	Head 3500	e'	36.9300	Relative Permittivity (ε_r):	36.93	37.93	-2.64	5
		e''	15.2900	Conductivity (σ):	2.98	2.91	2.20	5
	Head 3600	e'	36.8200	Relative Permittivity (ε_r):	36.82	37.82	-2.63	5
		e''	15.3800	Conductivity (σ):	3.08	3.01	2.15	5
	Head 3700	e'	36.6700	Relative Permittivity (ε_r):	36.67	37.70	-2.74	5
		e''	15.4500	Conductivity (σ):	3.18	3.12	2.00	5
	Head 3800	e'	36.5200	Relative Permittivity (ε_r):	36.52	37.59	-2.84	5
		e''	15.5400	Conductivity (σ):	3.28	3.22	2.02	5
	Head 3900	e'	36.3700	Relative Permittivity (ε_r):	36.37	37.47	-2.94	5
		e''	15.6200	Conductivity (σ):	3.39	3.32	2.00	5
	Head 3950	e'	36.2800	Relative Permittivity (ε_r):	36.28	37.42	-3.04	5
		e''	15.6600	Conductivity (σ):	3.44	3.37	2.00	5
2024-11-29	Head 3400	e'	38.8900	Relative Permittivity (ε_r):	38.89	38.04	2.22	5
		e''	14.8900	Conductivity (σ):	2.81	2.81	0.20	5
	Head 3500	e'	38.7200	Relative Permittivity (ε_r):	38.72	37.93	2.08	5
		e''	14.9600	Conductivity (σ):	2.91	2.91	-0.01	5
	Head 3600	e'	38.5600	Relative Permittivity (ε_r):	38.56	37.82	1.97	5
		e''	15.0400	Conductivity (σ):	3.01	3.01	-0.11	5
	Head 3700	e'	38.3900	Relative Permittivity (ε_r):	38.39	37.70	1.83	5
		e''	15.1200	Conductivity (σ):	3.11	3.12	-0.18	5
	Head 3800	e'	38.2300	Relative Permittivity (ε_r):	38.23	37.59	1.71	5
		e''	15.2000	Conductivity (σ):	3.21	3.22	-0.21	5
	Head 3900	e'	38.0700	Relative Permittivity (ε_r):	38.07	37.47	1.59	5
		e''	15.2900	Conductivity (σ):	3.32	3.32	-0.16	5
	Head 3950	e'	37.9900	Relative Permittivity (ε_r):	37.99	37.42	1.53	5
		e''	15.3300	Conductivity (σ):	3.37	3.37	-0.15	5
2024-12-02	Head 2600	e'	39.4500	Relative Permittivity (ε_r):	39.45	39.01	1.13	5
		e''	13.7300	Conductivity (σ):	1.98	1.96	1.16	5
	Head 2495	e'	39.6300	Relative Permittivity (ε_r):	39.63	39.14	1.24	5
		e''	13.7200	Conductivity (σ):	1.90	1.85	2.96	5
	Head 2700	e'	39.3100	Relative Permittivity (ε_r):	39.31	38.88	1.09	5
		e''	13.7500	Conductivity (σ):	2.06	2.07	-0.29	5
2024-12-06	Head 2600	e'	39.2200	Relative Permittivity (ε_r):	39.22	39.01	0.54	5
		e''	13.6000	Conductivity (σ):	1.97	1.96	0.20	5
	Head 2495	e'	39.3700	Relative Permittivity (ε_r):	39.37	39.14	0.58	5
		e''	13.6000	Conductivity (σ):	1.89	1.85	2.06	5
	Head 2700	e'	39.0700	Relative Permittivity (ε_r):	39.07	38.88	0.48	5
		e''	13.6600	Conductivity (σ):	2.05	2.07	-0.94	5
2024-12-10	Head 2600	e'	37.6600	Relative Permittivity (ε_r):	37.66	39.01	-3.46	5
		e''	13.5400	Conductivity (σ):	1.96	1.96	-0.24	5
	Head 2495	e'	37.8400	Relative Permittivity (ε_r):	37.84	39.14	-3.33	5
		e''	13.5500	Conductivity (σ):	1.88	1.85	1.68	5
	Head 2700	e'	37.5200	Relative Permittivity (ε_r):	37.52	38.88	-3.51	5
		e''	13.5700	Conductivity (σ):	2.04	2.07	-1.60	5
2025-01-05	Head 2600	e'	38.0800	Relative Permittivity (ε_r):	38.08	39.01	-2.39	5
		e''	13.4900	Conductivity (σ):	1.95	1.96	-0.61	5
	Head 2495	e'	38.2100	Relative Permittivity (ε_r):	38.21	39.14	-2.38	5
		e''	13.5300	Conductivity (σ):	1.88	1.85	1.53	5
	Head 2700	e'	37.9800	Relative Permittivity (ε_r):	37.98	38.88	-2.33	5
		e''	13.3700	Conductivity (σ):	2.01	2.07	-3.05	5

SAR 6 Room

Date	Freq. (MHz)	Liquid Parameters			Measured	Target	Delta (%)	Limit ±(%)
2024-11-18	Head 835	e'	40.5300	Relative Permittivity (ϵ_r):	40.53	41.50	-2.34	5
		e''	20.1700	Conductivity (σ):	0.94	0.90	4.05	5
	Head 810	e'	40.5800	Relative Permittivity (ϵ_r):	40.58	41.65	-2.58	5
		e''	20.5600	Conductivity (σ):	0.93	0.90	3.15	5
	Head 850	e'	40.4800	Relative Permittivity (ϵ_r):	40.48	41.50	-2.46	5
		e''	19.9400	Conductivity (σ):	0.94	0.92	3.00	5
2024-11-22	Head 835	e'	43.1200	Relative Permittivity (ϵ_r):	43.12	41.50	3.90	5
		e''	19.3500	Conductivity (σ):	0.90	0.90	-0.18	5
	Head 810	e'	43.2100	Relative Permittivity (ϵ_r):	43.21	41.65	3.74	5
		e''	19.7400	Conductivity (σ):	0.89	0.90	-0.96	5
	Head 850	e'	43.0800	Relative Permittivity (ϵ_r):	43.08	41.50	3.81	5
		e''	19.1300	Conductivity (σ):	0.90	0.92	-1.19	5

SAR 7 Room

Date	Freq. (MHz)	Liquid Parameters			Measured	Target	Delta (%)	Limit ±(%)
2024-11-18	Head 2600	e'	39.3200	Relative Permittivity (ϵ_r):	39.32	39.01	0.79	5
		e''	13.2800	Conductivity (σ):	1.92	1.96	-2.16	5
	Head 2495	e'	39.5900	Relative Permittivity (ϵ_r):	39.59	39.14	1.14	5
		e''	13.1000	Conductivity (σ):	1.82	1.85	-1.69	5
	Head 2700	e'	39.0300	Relative Permittivity (ϵ_r):	39.03	38.88	0.37	5
		e''	13.3400	Conductivity (σ):	2.00	2.07	-3.26	5
2024-11-22	Head 2600	e'	40.2300	Relative Permittivity (ϵ_r):	40.23	39.01	3.13	5
		e''	13.6700	Conductivity (σ):	1.98	1.96	0.72	5
	Head 2495	e'	40.4300	Relative Permittivity (ϵ_r):	40.43	39.14	3.29	5
		e''	13.5600	Conductivity (σ):	1.88	1.85	1.76	5
	Head 2700	e'	39.9900	Relative Permittivity (ϵ_r):	39.99	38.88	2.84	5
		e''	13.7500	Conductivity (σ):	2.06	2.07	-0.29	5
2024-11-26	Head 2600	e'	40.7100	Relative Permittivity (ϵ_r):	40.71	39.01	4.36	5
		e''	13.3100	Conductivity (σ):	1.92	1.96	-1.93	5
	Head 2495	e'	40.8800	Relative Permittivity (ϵ_r):	40.88	39.14	4.44	5
		e''	13.2300	Conductivity (σ):	1.84	1.85	-0.72	5
	Head 2700	e'	40.5200	Relative Permittivity (ϵ_r):	40.52	38.88	4.21	5
		e''	13.3300	Conductivity (σ):	2.00	2.07	-3.34	5
2024-11-28	Head 2600	e'	39.8400	Relative Permittivity (ϵ_r):	39.84	39.01	2.13	5
		e''	13.5200	Conductivity (σ):	1.95	1.96	-0.39	5
	Head 2495	e'	39.9900	Relative Permittivity (ϵ_r):	39.99	39.14	2.16	5
		e''	13.4600	Conductivity (σ):	1.87	1.85	1.01	5
	Head 2700	e'	39.6400	Relative Permittivity (ϵ_r):	39.64	38.88	1.94	5
		e''	13.5800	Conductivity (σ):	2.04	2.07	-1.52	5
2024-12-09	Head 13	e'	54.2300	Relative Permittivity (ϵ_r):	54.23	55.00	-1.40	5
		e''	1057.0000	Conductivity (σ):	0.76	0.75	1.87	5
	Head 12	e'	54.2400	Relative Permittivity (ϵ_r):	54.24	55.00	-1.38	5
		e''	1145.0000	Conductivity (σ):	0.76	0.75	1.86	5
	Head 14	e'	54.1900	Relative Permittivity (ϵ_r):	54.19	55.00	-1.47	5
		e''	982.1000	Conductivity (σ):	0.76	0.75	1.93	5
2024-12-10	head 2250	e'	40.4000	Relative Permittivity (ϵ_r):	40.40	39.56	2.12	5
		e''	12.5600	Conductivity (σ):	1.57	1.62	-2.99	5
	head 2300	e'	40.3200	Relative Permittivity (ϵ_r):	40.32	39.47	2.15	5
		e''	12.5300	Conductivity (σ):	1.60	1.66	-3.69	5
	head 2350	e'	40.2200	Relative Permittivity (ϵ_r):	40.22	39.38	2.12	5
		e''	12.5600	Conductivity (σ):	1.64	1.71	-3.89	5
2024-12-16	Head 2600	e'	39.1600	Relative Permittivity (ϵ_r):	39.16	39.01	0.38	5
		e''	13.4100	Conductivity (σ):	1.94	1.96	-1.20	5
	Head 2495	e'	39.3900	Relative Permittivity (ϵ_r):	39.39	39.14	0.63	5
		e''	13.3600	Conductivity (σ):	1.85	1.85	0.26	5
	Head 2700	e'	38.9200	Relative Permittivity (ϵ_r):	38.92	38.88	0.09	5
		e''	13.4700	Conductivity (σ):	2.02	2.07	-2.32	5
2025-01-04	Head 2600	e'	39.9500	Relative Permittivity (ϵ_r):	39.95	39.01	2.41	5
		e''	13.3600	Conductivity (σ):	1.93	1.96	-1.57	5
	Head 2495	e'	39.9600	Relative Permittivity (ϵ_r):	39.96	39.14	2.09	5
		e''	13.5400	Conductivity (σ):	1.88	1.85	1.61	5
	Head 2700	e'	39.9000	Relative Permittivity (ϵ_r):	39.90	38.88	2.61	5
		e''	13.1100	Conductivity (σ):	1.97	2.07	-4.93	5

SAR 8 Room

Date	Freq. (MHz)	Liquid Parameters			Measured	Target	Delta (%)	Limit ±(%)
2024-11-21	Head 835	e'	40.7500	Relative Permittivity (ϵ_r):	40.75	41.50	-1.81	5
		e"	19.6700	Conductivity (σ):	0.91	0.90	1.47	5
	Head 810	e'	40.8300	Relative Permittivity (ϵ_r):	40.83	41.65	-1.98	5
		e"	20.0800	Conductivity (σ):	0.90	0.90	0.74	5
	Head 850	e'	40.7100	Relative Permittivity (ϵ_r):	40.71	41.50	-1.90	5
		e"	19.4300	Conductivity (σ):	0.92	0.92	0.36	5
2024-12-16	Head 750	e'	40.9500	Relative Permittivity (ϵ_r):	40.95	41.96	-2.41	5
		e"	21.3300	Conductivity (σ):	0.89	0.89	-0.40	5
	Head 660	e'	41.3800	Relative Permittivity (ϵ_r):	41.38	42.42	-2.46	5
		e"	23.4300	Conductivity (σ):	0.86	0.89	-2.97	5
	Head 800	e'	40.8200	Relative Permittivity (ϵ_r):	40.82	41.71	-2.12	5
		e"	20.4000	Conductivity (σ):	0.91	0.90	1.17	5
2024-12-18	Head 5200	e'	36.6800	Relative Permittivity (ϵ_r):	36.68	35.99	1.92	5
		e"	15.5300	Conductivity (σ):	4.49	4.65	-3.46	5
	Head 5250	e'	36.6400	Relative Permittivity (ϵ_r):	36.64	35.93	1.97	5
		e"	15.5600	Conductivity (σ):	4.54	4.70	-3.40	5
	Head 5600	e'	36.2000	Relative Permittivity (ϵ_r):	36.20	35.53	1.87	5
		e"	15.6900	Conductivity (σ):	4.89	5.06	-3.45	5
	Head 5750	e'	35.9500	Relative Permittivity (ϵ_r):	35.95	35.36	1.66	5
		e"	15.6600	Conductivity (σ):	5.01	5.21	-3.97	5
	Head 5800	e'	35.7900	Relative Permittivity (ϵ_r):	35.79	35.30	1.39	5
		e"	15.6300	Conductivity (σ):	5.04	5.27	-4.35	5
	Head 5825	e'	35.7500	Relative Permittivity (ϵ_r):	35.75	35.30	1.27	5
		e"	15.6700	Conductivity (σ):	5.08	5.27	-3.69	5
2024-12-23	Head 5200	e'	35.1100	Relative Permittivity (ϵ_r):	35.11	35.99	-2.45	5
		e"	15.9300	Conductivity (σ):	4.61	4.65	-0.97	5
	Head 5250	e'	35.2000	Relative Permittivity (ϵ_r):	35.20	35.93	-2.04	5
		e"	16.0200	Conductivity (σ):	4.68	4.70	-0.55	5
	Head 5600	e'	34.6500	Relative Permittivity (ϵ_r):	34.65	35.53	-2.49	5
		e"	16.1800	Conductivity (σ):	5.04	5.06	-0.44	5
	Head 5750	e'	34.4400	Relative Permittivity (ϵ_r):	34.44	35.36	-2.61	5
		e"	16.6100	Conductivity (σ):	5.31	5.21	1.86	5
	Head 5800	e'	34.6400	Relative Permittivity (ϵ_r):	34.64	35.30	-1.87	5
		e"	16.2600	Conductivity (σ):	5.24	5.27	-0.50	5
	Head 5825	e'	34.6600	Relative Permittivity (ϵ_r):	34.66	35.30	-1.81	5
		e"	16.3100	Conductivity (σ):	5.28	5.27	0.24	5

SAR 9 Room

Date	Freq. (MHz)	Liquid Parameters			Measured	Target	Delta (%)	Limit ±(%)
2024-11-15	Head 835	e'	40.2300	Relative Permittivity (ε_r):	40.23	41.50	-3.06	5
		e''	19.2100	Conductivity (σ):	0.89	0.90	-0.90	5
	Head 810	e'	40.3100	Relative Permittivity (ε_r):	40.31	41.65	-3.23	5
		e''	19.6000	Conductivity (σ):	0.88	0.90	-1.66	5
	Head 850	e'	40.1800	Relative Permittivity (ε_r):	40.18	41.50	-3.18	5
		e''	18.9900	Conductivity (σ):	0.90	0.92	-1.91	5
2024-11-19	Head 835	e'	40.0500	Relative Permittivity (ε_r):	40.05	41.50	-3.49	5
		e''	19.3200	Conductivity (σ):	0.90	0.90	-0.33	5
	Head 810	e'	40.1300	Relative Permittivity (ε_r):	40.13	41.65	-3.66	5
		e''	19.7300	Conductivity (σ):	0.89	0.90	-1.01	5
	Head 850	e'	40.0000	Relative Permittivity (ε_r):	40.00	41.50	-3.61	5
		e''	19.0800	Conductivity (σ):	0.90	0.92	-1.45	5
2024-12-17	Head 5200	e'	35.0600	Relative Permittivity (ε_r):	35.06	35.99	-2.58	5
		e''	15.6200	Conductivity (σ):	4.52	4.65	-2.90	5
	Head 5250	e'	35.0200	Relative Permittivity (ε_r):	35.02	35.93	-2.54	5
		e''	15.6900	Conductivity (σ):	4.58	4.70	-2.59	5
	Head 5600	e'	34.2300	Relative Permittivity (ε_r):	34.23	35.53	-3.67	5
		e''	15.9400	Conductivity (σ):	4.96	5.06	-1.91	5
	Head 5750	e'	34.0100	Relative Permittivity (ε_r):	34.01	35.36	-3.83	5
		e''	16.0600	Conductivity (σ):	5.13	5.21	-1.52	5
	Head 5800	e'	33.8800	Relative Permittivity (ε_r):	33.88	35.30	-4.02	5
		e''	16.1000	Conductivity (σ):	5.19	5.27	-1.48	5
	Head 5825	e'	33.8600	Relative Permittivity (ε_r):	33.86	35.30	-4.08	5
		e''	16.1600	Conductivity (σ):	5.23	5.27	-0.68	5
2024-12-23	Head 5200	e'	35.3200	Relative Permittivity (ε_r):	35.32	35.99	-1.86	5
		e''	16.0200	Conductivity (σ):	4.63	4.65	-0.41	5
	Head 5250	e'	35.2100	Relative Permittivity (ε_r):	35.21	35.93	-2.01	5
		e''	16.1200	Conductivity (σ):	4.71	4.70	0.08	5
	Head 5600	e'	34.8200	Relative Permittivity (ε_r):	34.82	35.53	-2.01	5
		e''	16.0100	Conductivity (σ):	4.99	5.06	-1.48	5
	Head 5750	e'	34.4100	Relative Permittivity (ε_r):	34.41	35.36	-2.69	5
		e''	16.5200	Conductivity (σ):	5.28	5.21	1.30	5
	Head 5800	e'	34.6300	Relative Permittivity (ε_r):	34.63	35.30	-1.90	5
		e''	16.1200	Conductivity (σ):	5.20	5.27	-1.35	5
	Head 5825	e'	34.5300	Relative Permittivity (ε_r):	34.53	35.30	-2.18	5
		e''	16.2300	Conductivity (σ):	5.26	5.27	-0.25	5

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 of 100MHZ to 6GHz frequency range 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.
For The System verification of 4MHz to 30MHz frequency range, The System verification must be performed before 24 hours.

System Performance Check Measurement Conditions (100MHz to 6GHz):

- 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 2.5 mm.
  For 5 GHz band - Distance between probe sensors and phantom surface was set to 1.4 mm
- The dipole input power (forward power) was 100 mW.
- The results are normalized to 1 W input power.

System Performance Check Measurement Conditions (4MHz to 30MHz):

- 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
- The DASY system with an E-Field Probe was used for the measurements.
- The CLA(Confined Loop Antennas) was mounted on the small tripod so that the CLA feed point was positioned below the center marking of the flat phantom section and the CLA was oriented parallel to the body axis (the long side of the phantom). The standard measuring distance was 0 mm separation distance from CLA center to the Phantom surface.
- The CLA input power (forward power) was 100 mW.
- The results are normalized to 1 W input power.

Reference Target SAR Values

The reference SAR values can be obtained from the calibration certificate of system validation dipoles.

System Dipole	Serial No.	Cal. Date	Cal.due date	Target SAR Values (W/kg)	
				1g/10g	Head
D750V3	1205	2023-04-18	2025-04-18	1g	8.55
				10g	5.59
D750V3	1122	2024-02-22	2025-02-22	1g	8.58
				10g	5.62
D835V2	4d174	2024-09-16	2025-09-16	1g	9.44
				10g	6.09
D835V2	4d194	2024-03-11	2025-03-11	1g	9.86
				10g	6.45
D1750V2	1180	2024-10-15	2025-10-15	1g	37.00
				10g	19.70
D1900V2	5d199	2024-03-13	2025-03-13	1g	39.70
				10g	20.70
D2450V2	939	2024-07-10	2025-07-10	1g	52.20
				10g	24.40
D2450V2	960	2024-03-14	2025-03-14	1g	51.80
				10g	24.10
D2600V2	1097	2024-09-13	2025-09-13	1g	57.30
				10g	25.60
D3500V2	1075	2023-05-19	2025-05-19	1g	65.50
				10g	24.70
D3700V2	1036	2023-05-19	2025-05-19	1g	67.80
				10g	24.50
D3900V2	1069	2023-04-21	2025-04-21	1g	69.40
				10g	24.00
D5GHzV2 (5250 MHz)	1325	2023-04-21	2025-04-21	1g	79.60
				10g	22.70
D5GHzV2 (5600 MHz)	1325	2023-04-21	2025-04-21	1g	83.90
				10g	23.80
D5GHzV2 (5750 MHz)	1325	2023-04-21	2025-04-21	1g	80.40
				10g	22.70
D5GHzV2 (5800 MHz)	1325	2023-04-21	2025-04-21	1g	80.50
				10g	22.50
D2300V2	1115	2023-04-25	2025-04-25	1g	48.50
				10g	23.50
D2600V2	1178	2023-04-25	2025-04-25	1g	57.40
				10g	25.70
CLA-13	1015	2024-08-22	2025-08-22	1g	0.54
				10g	0.33

Note(s):

1. For System Validation Dipole, Calibration interval applied every 2 years according to referencing KDB 865664 guidance.
2. For CLA, Calibration interval applied every year.
3. Refer to Appendix F that mentioned about justification for extended SAR dipole calibration. (for Blue box items)

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.

SAR 1 Room

Date Tested	System Dipole		T.S. Liquid		Measured Results		Target (Ref. Value)	Delta ±10 %	Plot No.
	Type	Serial #			Zoom Scan to 100 mW	Normalize to 1 W			
2024-12-04	D3500V2	1075	Head	1g	6.69	66.9	65.50	2.14	1
				10g	2.67	26.7	24.70	8.10	
2024-12-04	D3700V2	1036	Head	1g	6.83	68.3	67.80	0.74	
				10g	2.63	26.3	24.50	7.35	
2024-12-04	D3900V2	1069	Head	1g	7.08	70.8	69.40	2.02	
				10g	2.60	26.0	24.00	8.33	

SAR 2 Room

Date Tested	System Dipole		T.S. Liquid		Measured Results		Target (Ref. Value)	Delta ±10 %	Plot No.
	Type	Serial #			Zoom Scan to 100 mW	Normalize to 1 W			
2024-11-12	D1750V2	1180	Head	1g	3.35	33.5	37.00	-9.46	2
				10g	1.82	18.2	19.70	-7.61	
2024-11-18	D1750V2	1180	Head	1g	3.40	34.0	37.00	-8.11	
				10g	1.82	18.2	19.70	-7.61	
2024-11-19	D1750V2	1180	Head	1g	3.46	34.6	37.00	-6.49	
				10g	1.85	18.5	19.70	-6.09	
2024-11-25	D1750V2	1180	Head	1g	3.46	34.6	37.00	-6.49	
				10g	1.85	18.5	19.70	-6.09	
2024-11-28	D1750V2	1180	Head	1g	3.63	36.3	37.00	-1.89	
				10g	1.95	19.5	19.70	-1.02	
2024-12-02	D1750V2	1180	Head	1g	3.39	33.9	37.00	-8.38	
				10g	1.81	18.1	19.70	-8.12	
2024-12-03	D1750V2	1180	Head	1g	3.43	34.3	37.00	-7.30	
				10g	1.82	18.2	19.70	-7.61	
2024-12-04	D1750V2	1180	Head	1g	3.54	35.4	37.00	-4.32	
				10g	1.87	18.7	19.70	-5.08	
2024-12-06	D2450V2	960	Head	1g	5.17	51.7	51.80	-0.19	
				10g	2.41	24.1	24.10	0.00	
2024-12-09	D1750V2	1180	Head	1g	3.54	35.4	37.00	-4.32	
				10g	1.89	18.9	19.70	-4.06	
2024-12-10	D1750V2	1180	Head	1g	3.61	36.1	37.00	-2.43	
				10g	1.92	19.2	19.70	-2.54	
2024-12-12	D1750V2	1180	Head	1g	3.58	35.8	37.00	-3.24	
				10g	1.90	19.0	19.70	-3.55	
2024-12-13	D1750V2	1180	Head	1g	3.70	37.0	37.00	0.00	
				10g	1.97	19.7	19.70	0.00	
2024-12-14	D2450V2	960	Head	1g	5.04	50.4	51.80	-2.70	
				10g	2.35	23.5	24.10	-2.49	
2024-12-17	D2450V2	960	Head	1g	4.75	47.5	51.80	-8.30	
				10g	2.21	22.1	24.10	-8.30	
2024-12-18	D2450V2	960	Head	1g	4.76	47.6	51.80	-8.11	
				10g	2.21	22.1	24.10	-8.30	
2024-12-19	D1750V2	1180	Head	1g	3.47	34.7	37.00	-6.22	
				10g	1.84	18.4	19.70	-6.60	
2024-12-23	D2450V2	960	Head	1g	4.68	46.8	51.80	-9.65	3
				10g	2.19	21.9	24.10	-9.13	

SAR 3 Room

Date Tested	System Dipole		T.S. Liquid		Measured Results		Target (Ref. Value)	Delta ±10 %	Plot No.
	Type	Serial #			Zoom Scan to 100 mW	Normalize to 1 W			
2024-11-12	D1900V2	5d199	Head	1g	4.00	40.0	39.70	0.76	
				10g	2.08	20.8	20.70	0.48	
2024-11-18	D1900V2	5d199	Head	1g	4.04	40.4	39.70	1.76	
				10g	2.10	21.0	20.70	1.45	
2024-11-20	D1900V2	5d199	Head	1g	4.04	40.4	39.70	1.76	
				10g	2.11	21.1	20.70	1.93	
2024-11-25	D1900V2	5d199	Head	1g	3.83	38.3	39.70	-3.53	
				10g	2.00	20.0	20.70	-3.38	
2024-11-28	D2450V2	939	Head	1g	4.92	49.2	52.20	-5.75	4
				10g	2.31	23.1	24.40	-5.33	
2024-12-02	D2450V2	939	Head	1g	5.19	51.9	52.20	-0.57	
				10g	2.43	24.3	24.40	-0.41	
2024-12-03	D2450V2	939	Head	1g	5.22	52.2	52.20	0.00	
				10g	2.43	24.3	24.40	-0.41	
2024-12-04	D1900V2	5d199	Head	1g	4.01	40.1	39.70	1.01	
				10g	2.09	20.9	20.70	0.97	
2024-12-05	D1900V2	5d199	Head	1g	3.89	38.9	39.70	-2.02	
				10g	2.03	20.3	20.70	-1.93	
2024-12-06	D1900V2	5d199	Head	1g	3.93	39.3	39.70	-1.01	
				10g	2.05	20.5	20.70	-0.97	
2024-12-09	D1900V2	5d199	Head	1g	3.97	39.7	39.70	0.00	
				10g	2.08	20.8	20.70	0.48	
2024-12-10	D1900V2	5d199	Head	1g	3.92	39.2	39.70	-1.26	
				10g	2.05	20.5	20.70	-0.97	
2024-12-10	D2450V2	939	Head	1g	5.08	50.8	52.20	-2.68	
				10g	2.38	23.8	24.40	-2.46	
2024-12-13	D2450V2	960	Head	1g	5.11	51.1	51.80	-1.35	
				10g	2.40	24.0	24.10	-0.41	
2024-12-16	D1900V2	5d199	Head	1g	3.88	38.8	39.70	-2.27	
				10g	2.03	20.3	20.70	-1.93	
2024-12-18	D2450V2	960	Head	1g	5.17	51.7	51.80	-0.19	
				10g	2.42	24.2	24.10	0.41	
2024-12-19	D2450V2	960	Head	1g	5.22	52.2	51.80	0.77	
				10g	2.45	24.5	24.10	1.66	
2024-12-19	D1750V2	1180	Head	1g	3.56	35.6	37.00	-3.78	5
				10g	1.91	19.1	19.70	-3.05	
2024-12-23	D2450V2	960	Head	1g	5.30	53.0	51.80	2.32	
				10g	2.48	24.8	24.10	2.90	
2024-12-24	D2450V2	960	Head	1g	5.25	52.5	51.80	1.35	
				10g	2.47	24.7	24.10	2.49	
2024-01-05	D1900V2	5d199	Head	1g	4.18	41.8	39.70	5.29	6
				10g	2.20	22.0	20.70	6.28	

SAR 4 Room

Date Tested	System Dipole		T.S. Liquid		Measured Results		Target (Ref. Value)	Delta ±10 %	Plot No.
	Type	Serial #			Zoom Scan to 100 mW	Normalize to 1 W			
2024-11-18	D750V2	1122	Head	1g	0.83	8.3	8.58	-3.38	7
				10g	0.56	5.6	5.62	0.00	
2024-11-18	D835V2	4d174	Head	1g	0.99	9.9	9.44	4.87	8
				10g	0.67	6.7	6.09	9.20	
2024-11-19	D750V2	1122	Head	1g	0.84	8.4	8.58	-2.68	
				10g	0.56	5.6	5.62	-1.07	
2024-11-19	D835V2	4d194	Head	1g	1.03	10.3	9.86	4.46	
				10g	0.68	6.8	6.45	5.89	
2024-11-20	D750V2	1122	Head	1g	0.84	8.4	8.58	-2.10	
				10g	0.56	5.6	5.62	0.18	
2024-11-21	D750V2	1122	Head	1g	0.86	8.6	8.58	0.47	
				10g	0.58	5.8	5.62	2.85	
2024-11-22	D835V2	4d194	Head	1g	1.02	10.2	9.86	3.45	
				10g	0.68	6.8	6.45	5.58	
2024-11-25	D2600V2	1097	Head	1g	5.28	52.8	57.30	-7.85	9
				10g	2.37	23.7	25.60	-7.42	
2024-11-26	D3500V2	1075	Head	1g	5.99	59.9	65.50	-8.55	10
				10g	2.28	22.8	24.70	-7.69	
2024-11-26	D3700V2	1036	Head	1g	6.58	65.8	67.80	-2.95	
				10g	2.42	24.2	24.50	-1.22	
2024-11-26	D3900V2	1069	Head	1g	6.80	68.0	69.40	-2.02	
				10g	2.39	23.9	24.00	-0.42	
2024-12-02	D3500V2	1075	Head	1g	6.49	64.9	65.50	-0.92	
				10g	2.47	24.7	24.70	0.00	
2024-12-02	D3700V2	1036	Head	1g	6.71	67.1	67.80	-1.03	
				10g	2.49	24.9	24.50	1.63	
2024-12-02	D3900V2	1069	Head	1g	7.25	72.5	69.40	4.47	
				10g	2.56	25.6	24.00	6.67	
2024-12-06	D3500V2	1075	Head	1g	6.64	66.4	65.50	1.37	
				10g	2.64	26.4	24.70	6.88	
2024-12-06	D3700V2	1036	Head	1g	6.72	67.2	67.80	-0.88	
				10g	2.60	26.0	24.50	6.12	
2024-12-06	D3900V2	1069	Head	1g	7.09	70.9	69.40	2.16	
				10g	2.61	26.1	24.00	8.75	
2024-12-10	D3500V2	1075	Head	1g	6.61	66.1	65.50	0.92	
				10g	2.63	26.3	24.70	6.48	
2024-12-10	D3700V2	1036	Head	1g	6.71	67.1	67.80	-1.03	
				10g	2.59	25.9	24.50	5.71	
2024-12-10	D3900V2	1069	Head	1g	6.95	69.5	69.40	0.14	
				10g	2.58	25.8	24.00	7.50	
2024-12-12	D3500V2	1075	Head	1g	6.13	61.3	65.50	-6.41	
				10g	2.34	23.4	24.70	-5.26	
2024-12-12	D3700V2	1036	Head	1g	6.98	69.8	67.80	2.95	
				10g	2.58	25.8	24.50	5.31	
2024-12-12	D3900V2	1069	Head	1g	6.55	65.5	69.40	-5.62	11
				10g	2.30	23.0	24.00	-4.17	
2024-12-13	D3500V2	1075	Head	1g	6.27	62.7	65.50	-4.27	
				10g	2.39	23.9	24.70	-3.24	
2024-12-13	D3700V2	1036	Head	1g	6.59	65.9	67.80	-2.80	
				10g	2.45	24.5	24.50	0.00	
2024-12-13	D3900V2	1069	Head	1g	7.07	70.7	69.40	1.87	
				10g	2.50	25.0	24.00	4.17	
2024-12-20	D3500V2	1075	Head	1g	6.31	63.1	65.50	-3.66	
				10g	2.41	24.1	24.70	-2.43	
2024-12-20	D3700V2	1036	Head	1g	6.82	68.2	67.80	0.59	
				10g	2.53	25.3	24.50	3.27	
2024-12-20	D3900V2	1069	Head	1g	7.05	70.5	69.40	1.59	
				10g	2.49	24.9	24.00	3.75	

SAR 5 Room

Date Tested	System Dipole		T.S. Liquid		Measured Results		Target (Ref. Value)	Delta ±10 %	Plot No.
	Type	Serial #			Zoom Scan to 100 mW	Normalize to 1 W			
2024-11-25	D3500V2	1075	Head	1g	6.71	67.1	65.50	2.44	
				10g	2.54	25.4	24.70	2.83	
2024-11-25	D3700V2	1036	Head	1g	7.06	70.6	67.80	4.13	
				10g	2.57	25.7	24.50	4.90	
2024-11-29	D3500V2	1075	Head	1g	6.11	61.1	65.50	-6.72	12
				10g	2.34	23.4	24.70	-5.26	
2024-11-29	D3700V2	1036	Head	1g	7.13	71.3	67.80	5.16	13
				10g	2.59	25.9	24.50	5.71	
2024-12-02	D2600V2	1097	Head	1g	5.62	56.2	57.30	-1.92	
				10g	2.54	25.4	25.70	-1.17	
2024-12-06	D2600V2	1097	Head	1g	5.53	55.3	57.30	-3.49	14
				10g	2.48	24.8	25.70	-3.50	
2024-12-09	D2600V2	1097	Head	1g	5.56	55.6	57.30	-2.97	
				10g	2.49	24.9	25.70	-3.11	
2024-12-10	D2600V2	1097	Head	1g	5.61	56.1	57.30	-2.09	
				10g	2.52	25.2	25.70	-1.95	
2024-12-12	D2600V2	1097	Head	1g	5.57	55.7	57.30	-2.79	
				10g	2.50	25.0	25.70	-2.72	
2024-12-13	D2600V2	1097	Head	1g	5.59	55.9	57.30	-2.44	
				10g	2.50	25.0	25.70	-2.72	
2025-01-06	D2600V2	1097	Head	1g	5.67	56.7	57.30	-1.05	
				10g	2.54	25.4	25.70	-1.17	

SAR 6 Room

Date Tested	System Dipole		T.S. Liquid		Measured Results		Target (Ref. Value)	Delta ±10 %	Plot No.
	Type	Serial #			Zoom Scan to 100 mW	Normalize to 1 W			
2024-11-18	D835V2	4d174	Head	1g	0.94	9.4	9.44	-0.32	
				10g	0.62	6.2	6.09	1.97	
2024-11-19	D835V2	4d174	Head	1g	0.95	9.5	9.44	0.42	
				10g	0.62	6.2	6.09	2.30	
2024-11-20	D835V2	4d174	Head	1g	0.91	9.1	9.44	-3.92	15
				10g	0.59	5.9	6.09	-2.63	
2024-11-22	D835V2	4d174	Head	1g	0.97	9.7	9.44	2.65	
				10g	0.64	6.4	6.09	4.43	

SAR 7 Room

Date Tested	System Dipole		T.S. Liquid		Measured Results		Target (Ref. Value)	Delta ±10 %	Plot No.
	Type	Serial #			Zoom Scan to 100 mW	Normalize to 1 W			
2024-11-19	D2600V2	1178	Head	1g	5.27	52.7	57.40	-8.19	16
				10g	2.38	23.8	25.70	-7.39	
2024-11-20	D2600V2	1178	Head	1g	5.63	56.3	57.40	-1.92	
				10g	2.54	25.4	25.70	-1.17	
2024-11-22	D2600V2	1178	Head	1g	5.53	55.3	57.40	-3.66	
				10g	2.49	24.9	25.70	-3.11	
2024-11-26	D2600V2	1178	Head	1g	5.74	57.4	57.40	0.00	
				10g	2.70	27.0	25.70	5.06	
2024-11-28	D2600V2	1178	Head	1g	5.84	58.4	57.40	1.74	
				10g	2.71	27.1	25.70	5.45	
2024-11-29	D2600V2	1178	Head	1g	5.59	55.9	57.40	-2.61	
				10g	2.55	25.5	25.70	-0.78	
2024-12-09	CLA-13	1015	Head	1g	0.06	0.58	0.54	8.01	17
				10g	0.04	0.36	0.33	8.11	
2024-12-10	D2300V2	1115	Head	1g	4.80	48.0	48.50	-1.03	
				10g	2.42	24.2	23.50	2.98	
2024-12-12	D2300V2	1115	Head	1g	4.97	49.7	48.50	2.47	18
				10g	2.48	24.8	23.50	5.53	
2024-12-16	D2600V2	1178	Head	1g	5.59	55.9	57.40	-2.61	
				10g	2.63	26.3	25.70	2.33	
2025-01-04	D2600V2	1097	Head	1g	5.79	57.9	57.30	1.05	
				10g	2.75	27.5	25.60	7.42	

SAR 8 Room

Date Tested	System Dipole		T.S. Liquid		Measured Results		Target (Ref. Value)	Delta ±10 %	Plot No.
	Type	Serial #			Zoom Scan to 100 mW	Normalize to 1 W			
2024-11-22	D835V2	4d174	Head	1g	0.98	9.8	9.44	3.81	19
				10g	0.65	6.5	6.09	6.08	
2024-12-17	D750V3	1205	Head	1g	0.88	8.8	8.55	2.57	20
				10g	0.58	5.8	5.59	4.47	
2024-12-18	D5GHzV2 (5250)	1325	Head	1g	8.14	81.4	79.60	2.26	
				10g	2.25	22.5	22.70	-0.88	
2024-12-23	D5GHzV2 (5250)	1325	Head	1g	8.43	84.3	79.60	5.90	21
				10g	2.44	24.4	22.70	7.49	

SAR 9 Room

Date Tested	System Dipole		T.S. Liquid		Measured Results		Target (Ref. Value)	Delta ±10 %	Plot No.
	Type	Serial #			Zoom Scan to 100 mW	Normalize to 1 W			
2024-11-15	D835V2	4d174	Head	1g	0.98	9.8	9.63	1.25	22
				10g	0.64	6.4	6.29	2.38	
2024-11-19	D835V2	4d194	Head	1g	0.97	9.7	9.77	-0.31	
				10g	0.64	6.4	6.39	0.47	
2024-12-17	D5GHzV2 (5600)	1325	Head	1g	8.56	85.6	83.90	2.03	
				10g	2.51	25.1	23.80	5.46	
2024-12-17	D5GHzV2 (5750)	1325	Head	1g	8.03	80.3	80.40	-0.12	
				10g	2.36	23.6	22.70	3.96	
2024-12-17	D5GHzV2 (5800)	1325	Head	1g	8.14	81.4	80.50	1.12	
				10g	2.38	23.8	22.50	5.78	
2024-12-23	D5GHzV2 (5600)	1325	Head	1g	8.64	86.4	83.90	2.98	
				10g	2.54	25.4	23.80	6.72	
2024-12-23	D5GHzV2 (5750)	1325	Head	1g	8.13	81.3	80.40	1.12	
				10g	2.39	23.9	22.70	5.29	
2024-12-23	D5GHzV2 (5800)	1325	Head	1g	8.38	83.8	80.50	4.10	23
				10g	2.44	24.4	22.50	8.44	

9. Conducted Output Power Measurements

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.

GSM850 (Main1) Measured Results

Mode	Coding Scheme	Time Slots	Ch No.	Freq. (MHz)	Maximum Allowed Average Power (dBm)				Maximum Allowed Average Power (dBm)			
					DSI = 3				DSI = 0, 4, 5			
					Measured		Tune-up Limit		Measured		Tune-up Limit	
					Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr
GSM (Voice)	CS1	1	128	824.2	32.15	22.96	33.5	24.3	28.92	19.73	31.0	21.8
			190	836.6	32.59	23.40			29.57	20.38		
			251	848.8	32.44	23.25			29.45	20.26		
GPRS (GMSK)	CS1	1	128	824.2	32.14	22.95	33.5	24.3	29.56	20.37	31.0	21.8
			190	836.6	32.50	23.31			29.55	20.36		
			251	848.8	32.28	23.09			29.97	20.78		
		2	128	824.2	31.67	25.49	32.5	26.3	26.20	20.02	27.5	21.3
			190	836.6	31.90	25.72			26.38	20.20		
			251	848.8	31.58	25.40			26.47	20.29		
		3	128	824.2	28.93	24.51	30.5	26.1	24.38	19.96	26.0	21.6
			190	836.6	28.92	24.50			24.38	19.96		
			251	848.8	29.19	24.77			24.47	20.05		
		4	128	824.2	27.03	23.86	28.5	25.3	23.10	19.93	24.5	21.3
			190	836.6	27.16	23.99			23.66	20.49		
			251	848.8	27.45	24.28			23.46	20.29		
EGPRS (8PSK)	MCS5	1	128	824.2	26.29	17.10	28.0	18.8	25.54	16.35	27.0	17.8
			190	836.6	26.89	17.70			26.62	17.43		
			251	848.8	26.96	17.77			26.51	17.32		
		2	128	824.2	24.89	18.71	26.0	19.8	24.07	17.89	26.0	19.8
			190	836.6	25.51	19.33			25.13	18.95		
			251	848.8	25.65	19.47			25.03	18.85		
		3	128	824.2	22.72	18.30	24.0	19.6	22.08	17.66	23.0	18.6
			190	836.6	22.81	18.39			22.39	17.97		
			251	848.8	22.85	18.43			22.31	17.89		
		4	128	824.2	21.70	18.53	22.5	19.3	21.41	18.24	22.5	19.3
			190	836.6	21.96	18.79			21.55	18.38		
			251	848.8	22.00	18.83			21.40	18.23		

Notes:

The worst-case configuration and mode for SAR testing is determined to be as follows:

- GMSK (GPRS) mode with 2 time slots for DSI = 3, GMSK (GPRS) mode with 1 time slot for DSI = 0, 4, 5 based on the Tune-up Procedure. Refer to §6.3.
- SAR is not required for EGPRS (8PSK) mode because the maximum output power and tune-up limit is ≤ 1/4dB higher than GMSK GPRS or the adjusted SAR of the highest reported SAR of GMSK GPRS is ≤ 1.2W/kg.

GSM1900(Main2) Measured Results

Mode	Coding Scheme	Time Slots	Ch No.	Freq. (MHz)	Maximum Allowed Average Power (dBm)				Maximum Allowed Average Power (dBm)			
					Pmax / DSI = 3				DSI = 0, 4, 5			
					Measured		Tune-up Limit		Measured		Tune-up Limit	
					Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr	Burst Pwr	Frame Pwr
GSM (Voice)	CS1	1	512	1850.2	28.55	19.44	30.5	21.3	27.55	19.44	29.0	19.8
			661	1880.0	28.67	19.56			27.49	19.56		
			810	1909.8	28.64	19.53			26.93	19.53		
GPRS (GMSK)	CS1	1	512	1850.2	28.25	19.06	30.5	21.3	27.73	18.54	29.0	19.8
			661	1880.0	28.42	19.23			27.71	18.52		
			810	1909.8	28.49	19.30			27.13	17.94		
		2	512	1850.2	27.43	21.25	28.5	22.3	25.13	18.95	26.0	19.8
			661	1880.0	27.32	21.14			24.84	18.66		
			810	1909.8	27.34	21.16			24.39	18.21		
		3	512	1850.2	25.72	21.30	27.0	22.6	23.22	18.80	24.0	19.6
			661	1880.0	25.43	21.01			22.88	18.46		
			810	1909.8	25.52	21.10			22.63	18.21		
		4	512	1850.2	23.81	20.64	25.0	21.8	21.86	18.69	23.0	19.8
			661	1880.0	23.41	20.24			21.60	18.43		
			810	1909.8	23.39	20.22			21.39	18.22		
EGPRS (8PSK)	MCS5	1	512	1850.2	25.10	15.91	26.5	17.3	25.34	16.15	25.5	16.3
			661	1880.0	24.78	15.59			25.21	16.02		
			810	1909.8	24.79	15.60			24.67	15.48		
		2	512	1850.2	23.39	17.21	24.5	18.3	24.13	17.95	24.5	18.3
			661	1880.0	23.17	16.99			23.78	17.60		
			810	1909.8	23.24	17.06			23.42	17.24		
		3	512	1850.2	21.14	16.72	22.5	18.1	21.84	17.42	22.0	17.6
			661	1880.0	21.01	16.59			21.68	17.26		
			810	1909.8	21.10	16.68			21.42	17.00		
		4	512	1850.2	20.20	17.03	21.5	18.3	20.58	17.41	21.0	17.8
			661	1880.0	19.96	16.79			20.48	17.31		
			810	1909.8	20.05	16.88			20.38	17.21		

Notes:

The worst-case configuration and mode for SAR testing is determined to be as follows:

- GMSK (GPRS) mode with 3 time slots for DSI 3, GMSK (GPRS) mode with 4 time slots for DSI 0, 4, 5 based on the Tune-up Procedure. Refer to §6.3.
- SAR is not required for EGPRS (8PSK) mode because the maximum output power and tune-up limit is ≤ 1/4dB higher than GMSK GPRS or the adjusted SAR of the highest reported SAR of GMSK GPRS is ≤ 1.2W/kg.

9.2. W-CDMA

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 specification. The DUT supports power Class 3, which has a nominal maximum output power of 24 dBm (+1.7/-3.7).

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 section 5.2 of 3GPP TS34.121. A summary of these settings are illustrated below:

	Mode	HSDPA	HSDPA	HSDPA	HSDPA
	Subtest	1	2	3	4
W-CDMA General Settings	Loopback Mode	Test Mode 1			
	Rel99 RMC	12.2kbps RMC			
	HSDPA FRC	H-Set 1			
	Power Control Algorithm	Algorithm 2			
	βc	2/15	11/15	15/15	15/15
	βd	15/15	15/15	8/15	4/15
	Bd (SF)	64			
	βc/βd	2/15	11/15	15/8	15/4
	βhs	4/15	24/15	30/15	30/15
	MPR (dB)	0	0	0.5	0.5
HSDPA Specific Settings	D_{ACK}	8			
	D_{NAK}	8			
	DCQI	8			
	Ack-Nack repetition factor	3			
	CQI Feedback (Table 5.2B.4)	4ms			
	CQI Repetition Factor (Table 5.2B.4)	2			
	Ahs=βhs/βc	30/15			

HSPA (HSDPA & 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 v13.
A summary of these settings are illustrated below:

	Mode	HSPA				
	Subtest	1	2	3	4	5
WCDMA General Settings	Loopback Mode	Test Mode 1				
	Rel99 RMC	12.2 kbps RMC				
	HSDPA FRC	H-Set 1				
	HSUPA Test	HSPA				
	Power Control Algorithm	Algorithm 2				Algorithm 1
	βc	11/15	6/15	15/15	2/15	15/15
	βd	15/15	15/15	9/15	15/15	0
	βec	209/225	12/15	30/15	2/15	5/15
	βc/βd	11/15	6/15	15/9	2/15	-
	βhs	22/15	12/15	30/15	4/15	5/15
	βed	1309/225	94/75	47/15	56/75	47/15
	CM (dB)	1	3	2	3	1
	MPR (dB)	0	2	1	2	0
HSDPA Specific Settings	DACK	8				0
	DNAK	8				0
	DCQI	8				0
	Ack-Nack repetition factor	3				
	CQI Feedback (Table 5.2B.4)	4ms				
	CQI Repetition Factor (Table 5.2B.4)	2				
	Ahs = βhs/βc	30/15				
HSUPA Specific Settings	E-DPDCH	6	8	8	5	0
	DHARQ	0	0	0	0	0
	AG Index	20	12	15	17	12
	ETFCI (from 34.121 Table C.11.1.3)	75	67	92	71	67
	Associated Max UL Data Rate kbps	242.1	174.9	482.8	205.8	308.9
	Reference E-TFCIs	5	5	2	5	1
	Reference E-TFCI	11	11	11	11	67
	Reference E-TFCI PO	4	4	4	4	18
	Reference E-TFCI	67	67	92	67	67
	Reference E-TFCI PO	18	18	18	18	18
	Reference E-TFCI	71	71	71	71	71
	Reference E-TFCI PO	23	23	23	23	23
	Reference E-TFCI	75	75	75	75	75
	Reference E-TFCI PO	26	26	26	26	26
	Reference E-TFCI	81	81	81	81	81
	Reference E-TFCI PO	27	27	27	27	27
	Maximum Channelization Codes	2xSF2				SF4

DC-HSDPA Setup Procedures used to establish the test signals

The following tests were completed according to procedures in section 7.3.13 of 3GPP TS34.108 v9.5.0. A summary of these settings are illustrated below:

Downlink Physical Channels are set as per 3GPP TS34.121-1 v9.0.0 E.5.0

Table E.5.0: Levels for HSDPA connection setup

Parameter During Connection setup	Unit	Value
P-CPICH_Ec/Ior	dB	-10
P-CCPCH and SCH_Ec/Ior	dB	-12
PICH _Ec/Ior	dB	-15
HS-PDSCH	dB	off
HS-SCCH_1	dB	off
DPCH_Ec/Ior	dB	-5
OCNS_Ec/Ior	dB	-3.1

Call is set up as per 3GPP TS34.108 v9.5.0 sub clause 7.3.13

The configurations of the fixed reference channels for HSDPA RF tests are described in 3GPP TS 34.121, annex C for FDD and 3GPP TS 34.122.

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	Processes	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.		

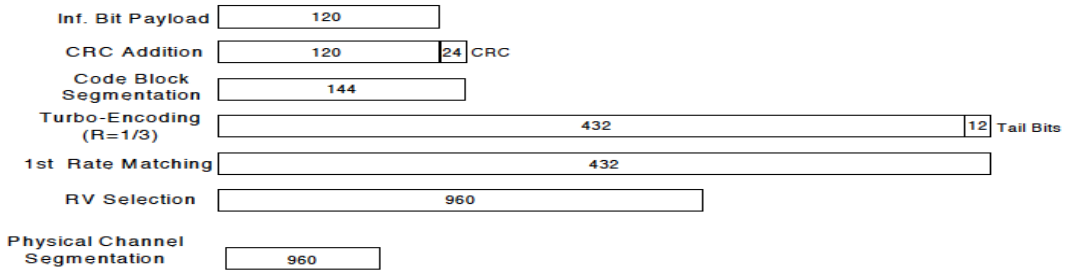


Figure C.8.19: Coding rate for Fixed reference Channel H-Set 12 (QPSK)

The following 4 Sub-tests for HSDPA were completed according to Release 8 procedures in section 5.2 of 3GPP TS34.121. A summary of subtest settings are illustrated below:

	Mode	HSDPA	HSDPA	HSDPA	HSDPA
	Subtest	1	2	3	4
WCDMA General Settings	Loopback Mode	Test Mode 1			
	Rel99 RMC	12.2kbps RMC			
	HSDPA FRC	H-Set 12			
	Power Control Algorithm	Algorithm2			
	βc	2/15	11/15	15/15	15/15
	βd	15/15	15/15	8/15	4/15
	βd (SF)	64			
	βc/βd	2/15	11/15	15/8	15/4
	βhs	4/15	24/15	30/15	30/15
	MPR (dB)	0	0	0.5	0.5
HSDPA Specific Settings	DACK	8			
	DNAK	8			
	DCQI	8			
	Ack-Nack Repetition factor	3			
	CQI Feedback	4ms			
	CQI Repetition Factor	2			
	Ahs = βhs/ βc	30/15			

HSPA+

HSPA+ is only supported to down link. Therefore, the RF conducted power is not measured.

W-CDMA Band II(Main2) Measured Results

Mode		UL Ch No.	Freq. (MHz)	Maximum Allowed Average Power (dBm)			Maximum Allowed Average Power (dBm)		
				DSI = 3			DSI = 0, 4, 5		
				Measured Pwr	MPR	Tune-up Limit	Measured Pwr	MPR	Tune-up Limit
Release 99	Rel 99 (RMC, 12.2 kbps)	9262	1852.4	19.99	N/A	21.5	18.63	N/A	20.0
		9400	1880.0	19.71			18.45		
		9538	1907.6	19.94			18.54		
HSDPA	Subtest 1	9262	1852.4	18.98	0	20.5	17.62	0	19.0
		9400	1880.0	18.77			17.43		
		9538	1907.6	18.83			17.51		
	Subtest 2	9262	1852.4	18.97	0	20.5	17.63	0	19.0
		9400	1880.0	18.74			17.42		
		9538	1907.6	18.84			17.38		
	Subtest 3	9262	1852.4	18.40	0.5	20.0	17.12	0.5	18.5
		9400	1880.0	18.00			16.93		
		9538	1907.6	18.25			17.02		
	Subtest 4	9262	1852.4	18.46	0.5	20.0	17.13	0.5	18.5
		9400	1880.0	18.23			16.91		
		9538	1907.6	18.26			17.01		
HSUPA	Subtest 1	9262	1852.4	18.92	0	20.5	17.08	0	19.0
		9400	1880.0	18.70			16.98		
		9538	1907.6	18.80			17.01		
	Subtest 2	9262	1852.4	16.84	2	18.5	16.99	2	17.0
		9400	1880.0	16.65			16.99		
		9538	1907.6	16.66			16.92		
	Subtest 3	9262	1852.4	18.06	1	19.5	17.17	1	18.0
		9400	1880.0	17.74			16.98		
		9538	1907.6	17.77			17.00		
	Subtest 4	9262	1852.4	17.02	2	18.5	16.98	2	17.0
		9400	1880.0	16.70			16.97		
		9538	1907.6	16.74			16.99		
	Subtest 5	9262	1852.4	18.95	0	20.5	17.12	0	19.0
		9400	1880.0	18.75			16.93		
		9538	1907.6	18.72			17.04		
DC-HSDPA	Subtest 1	9262	1852.4	18.97	0	20.5	17.60	0	19.0
		9400	1880.0	18.76			17.41		
		9538	1907.6	18.86			17.50		
	Subtest 2	9262	1852.4	18.89	0	20.5	17.59	0	19.0
		9400	1880.0	18.75			17.39		
		9538	1907.6	18.86			17.41		
	Subtest 3	9262	1852.4	18.46	0.5	20.0	17.03	0.5	18.5
		9400	1880.0	18.24			16.63		
		9538	1907.6	18.33			16.90		
	Subtest 4	9262	1852.4	18.47	0.5	20.0	17.11	0.5	18.5
		9400	1880.0	18.26			16.91		
		9538	1907.6	18.34			17.00		

W-CDMA Band IV(Main2) Measured Results

Mode		UL Ch No.	Freq. (MHz)	Maximum Allowed Average Power (dBm)		
				DSI = 0, 3, 4, 5		
				Measured Pwr	MPR	Tune-up Limit
Release 99	Rel 99 (RMC, 12.2 kbps)	1312	1712.4	20.68	N/A	22.0
		1413	1732.6	20.41		
		1513	1752.6	20.26		
HSDPA	Subtest 1	1312	1712.4	19.74	0	21.0
		1413	1732.6	19.37		
		1513	1752.6	19.13		
	Subtest 2	1312	1712.4	19.69	0	21.0
		1413	1732.6	19.37		
		1513	1752.6	19.11		
	Subtest 3	1312	1712.4	19.09	0.5	20.5
		1413	1732.6	18.78		
		1513	1752.6	18.58		
	Subtest 4	1312	1712.4	19.19	0.5	20.5
		1413	1732.6	18.87		
		1513	1752.6	18.56		
HSUPA	Subtest 1	1312	1712.4	19.83	0	21.0
		1413	1732.6	19.32		
		1513	1752.6	19.13		
	Subtest 2	1312	1712.4	17.70	2	19.0
		1413	1732.6	17.33		
		1513	1752.6	17.02		
	Subtest 3	1312	1712.4	18.66	1	20.0
		1413	1732.6	18.37		
		1513	1752.6	18.07		
	Subtest 4	1312	1712.4	17.78	2	19.0
		1413	1732.6	17.36		
		1513	1752.6	17.13		
	Subtest 5	1312	1712.4	19.65	0	21.0
		1413	1732.6	19.26		
		1513	1752.6	19.14		
DC-HSDPA	Subtest 1	1312	1712.4	19.76	0	21.0
		1413	1732.6	19.40		
		1513	1752.6	19.14		
	Subtest 2	1312	1712.4	19.70	0	21.0
		1413	1732.6	19.35		
		1513	1752.6	19.12		
	Subtest 3	1312	1712.4	19.27	0.5	20.5
		1413	1732.6	18.88		
		1513	1752.6	18.61		
	Subtest 4	1312	1712.4	19.18	0.5	20.5
		1413	1732.6	18.86		
		1513	1752.6	18.62		

W-CDMA Band V (Main1) Measured Results

Mode		UL Ch No.	Freq. (MHz)	Maximum Allowed Average Power (dBm)		
				Pmax / DSI = 0, 3, 4, 5		
				Measured Pwr	MPR	Tune-up Limit
Release 99	Rel 99 (RMC, 12.2 kbps)	4132	826.4	24.13	N/A	24.5
		4183	836.6	24.24		
		4233	846.6	24.11		
HSDPA	Subtest 1	4132	826.4	23.74	0	24.0
		4183	836.6	23.93		
		4233	846.6	23.88		
	Subtest 2	4132	826.4	23.75	0	24.0
		4183	836.6	23.93		
		4233	846.6	23.85		
	Subtest 3	4132	826.4	23.21	0.5	23.5
		4183	836.6	23.45		
		4233	846.6	23.31		
	Subtest 4	4132	826.4	23.25	0.5	23.5
		4183	836.6	23.46		
		4233	846.6	23.45		
HSUPA	Subtest 1	4132	826.4	22.99	0	23.5
		4183	836.6	23.23		
		4233	846.6	22.66		
	Subtest 2	4132	826.4	20.91	2	21.5
		4183	836.6	21.23		
		4233	846.6	21.18		
	Subtest 3	4132	826.4	22.06	1	22.5
		4183	836.6	22.24		
		4233	846.6	22.06		
	Subtest 4	4132	826.4	20.99	2	21.5
		4183	836.6	21.24		
		4233	846.6	21.10		
	Subtest 5	4132	826.4	22.60	0	23.5
		4183	836.6	22.82		
		4233	846.6	22.77		
DC-HSDPA	Subtest 1	4132	826.4	23.74	0	24.0
		4183	836.6	23.94		
		4233	846.6	23.96		
	Subtest 2	4132	826.4	23.79	0	24.0
		4183	836.6	23.93		
		4233	846.6	23.99		
	Subtest 3	4132	826.4	23.29	0.5	23.5
		4183	836.6	23.46		
		4233	846.6	23.49		
	Subtest 4	4132	826.4	23.27	0.5	23.5
		4183	836.6	23.44		
		4233	846.6	23.31		

9.3. LTE

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

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

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

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

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

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

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

Maximum Output Power (Tune-up Limit) 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 5 (824 – 849 MHz) is covered by LTE Band 26 (814 – 849 MHz)
- 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 38 (2570 – 2620 MHz) is covered by LTE Band 41 (2496 – 2690 MHz)

Maximum bandwidth does not support at least three non-overlapping channels in certain channel bandwidths.

When a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing per KDB 941225 D05 SAR for LTE Devices.

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

SAR measurement is not required for Higher order modulations. When the highest maximum output power for Higher order modulations are ≤ 0.5 dB higher than the QPSK or when the reported SAR for QPSK configuration is ≤ 1.45 W/kg.

LTE Band 71 (Main1) Measured Results

BW (MHz)	Mode	RB Allocation	RB offset	Maximum Allowed Average Power (dBm)			MPR	Tune-up Limit
				DSI = 0, 3, 4, 5				
				Measured Pwr (dBm)				
					133297			
					680.5 MHz			
20 MHz	QPSK	1	0		24.08		0.0	25.5
		1	49		24.12		0.0	25.5
		1	99		24.06		0.0	25.5
		50	0		23.21		1.0	24.5
		50	24		23.30		1.0	24.5
		50	50		23.29		1.0	24.5
		100	0		23.19		1.0	24.5
	16QAM	1	0		23.48		1.0	24.5
		1	49		23.34		1.0	24.5
		1	99		23.27		1.0	24.5
		50	0		22.25		2.0	23.5
		50	24		22.24		2.0	23.5
		50	50		22.25		2.0	23.5
		100	0		22.29		2.0	23.5
	64QAM	1	0		21.86		2.0	23.5
		1	49		21.76		2.0	23.5
		1	99		22.07		2.0	23.5
		50	0		21.18		3.0	22.5
		50	24		21.20		3.0	22.5
		50	50		21.28		3.0	22.5
		100	0		21.23		3.0	22.5
	256QAM	1	0		19.26		5.0	20.5
		1	49		19.43		5.0	20.5
		1	99		19.14		5.0	20.5
		50	0		19.17		5.0	20.5
		50	24		19.16		5.0	20.5
		50	50		19.31		5.0	20.5
		100	0		19.23		5.0	20.5

BW (MHz)	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
				133197	133297	133397		
				670.5 MHz	680.5 MHz	690.5 MHz		
15 MHz	QPSK	1	0	23.93	24.08	24.22	0.0	25.5
		1	37	23.78	24.31	24.23	0.0	25.5
		1	74	24.01	23.99	23.92	0.0	25.5
		36	0	23.00	23.17	23.27	1.0	24.5
		36	20	23.07	23.27	23.22	1.0	24.5
		36	39	23.08	23.27	23.24	1.0	24.5
		75	0	23.10	23.19	23.28	1.0	24.5
	16QAM	1	0	22.92	23.30	23.16	1.0	24.5
		1	37	23.09	22.99	23.24	1.0	24.5
		1	74	22.84	23.11	23.14	1.0	24.5
		36	0	21.97	22.15	22.31	2.0	23.5
		36	20	22.08	22.25	22.25	2.0	23.5
		36	39	22.09	22.32	22.25	2.0	23.5
		75	0	22.05	22.23	22.23	2.0	23.5
	64QAM	1	0	21.94	22.19	22.47	2.0	23.5
		1	37	22.05	22.51	22.23	2.0	23.5
		1	74	22.25	21.91	22.30	2.0	23.5
		36	0	20.91	21.19	21.24	3.0	22.5
		36	20	21.12	21.20	21.25	3.0	22.5
		36	39	21.09	21.30	21.31	3.0	22.5
		75	0	21.09	21.17	21.24	3.0	22.5
	256QAM	1	0	19.57	19.22	19.20	5.0	20.5
		1	37	19.37	19.03	19.20	5.0	20.5
		1	74	19.19	19.08	19.08	5.0	20.5
		36	0	18.97	19.19	19.26	5.0	20.5
		36	20	19.03	19.14	19.18	5.0	20.5
		36	39	19.16	19.28	19.29	5.0	20.5
		75	0	18.97	19.17	19.17	5.0	20.5

LTE Band 71 (Main1) Measured Results (Continued)

BW (MHz)	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
				133172	133297	133422		
				668 MHz	680.5 MHz	693 MHz		
10 MHz	QPSK	1	0	24.32	24.20	24.36	0.0	25.5
		1	25	24.22	24.32	24.10	0.0	25.5
		1	49	23.56	24.21	23.99	0.0	25.5
		25	0	23.32	23.35	23.43	1.0	24.5
		25	12	23.35	23.32	23.28	1.0	24.5
		25	25	23.18	23.35	23.24	1.0	24.5
		50	0	23.19	23.34	23.34	1.0	24.5
	16QAM	1	0	23.30	23.61	23.46	1.0	24.5
		1	25	23.20	23.80	23.15	1.0	24.5
		1	49	23.46	23.58	23.17	1.0	24.5
		25	0	22.14	22.36	22.43	2.0	23.5
		25	12	22.21	22.31	22.37	2.0	23.5
		25	25	22.16	22.35	22.29	2.0	23.5
		50	0	22.17	22.29	22.37	2.0	23.5
	64QAM	1	0	22.12	22.13	22.55	2.0	23.5
		1	25	22.45	22.60	22.39	2.0	23.5
		1	49	22.32	22.65	22.56	2.0	23.5
		25	0	21.07	21.37	21.42	3.0	22.5
		25	12	21.27	21.42	21.43	3.0	22.5
		25	25	21.21	21.34	21.32	3.0	22.5
		50	0	21.13	21.34	21.44	3.0	22.5
	256QAM	1	0	18.99	19.30	19.37	5.0	20.5
		1	25	19.05	19.64	19.51	5.0	20.5
		1	49	19.29	19.90	18.89	5.0	20.5
		25	0	19.03	19.31	19.32	5.0	20.5
		25	12	19.18	19.22	19.36	5.0	20.5
		25	25	19.15	19.40	19.35	5.0	20.5
		50	0	19.02	19.26	19.39	5.0	20.5

BW (MHz)	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
				133147	133297	133447		
				665.5 MHz	680.5 MHz	695.5 MHz		
5 MHz	QPSK	1	0	24.36	24.27	24.36	0.0	25.5
		1	12	24.13	24.24	24.16	0.0	25.5
		1	24	24.01	24.32	24.03	0.0	25.5
		12	0	23.25	23.30	23.27	1.0	24.5
		12	7	23.21	23.26	23.21	1.0	24.5
		12	13	23.06	23.30	23.06	1.0	24.5
		25	0	23.06	23.31	23.21	1.0	24.5
	16QAM	1	0	23.09	23.51	23.39	1.0	24.5
		1	12	23.48	23.44	23.49	1.0	24.5
		1	24	22.68	23.40	23.13	1.0	24.5
		12	0	22.11	22.36	22.22	2.0	23.5
		12	7	22.17	22.47	22.37	2.0	23.5
		12	13	22.11	22.39	22.16	2.0	23.5
		25	0	22.03	22.30	22.27	2.0	23.5
	64QAM	1	0	22.22	22.43	22.52	2.0	23.5
		1	12	22.20	22.04	22.32	2.0	23.5
		1	24	22.35	22.56	21.92	2.0	23.5
		12	0	21.01	21.29	21.38	3.0	22.5
		12	7	21.14	21.30	21.38	3.0	22.5
		12	13	21.08	21.32	21.12	3.0	22.5
		25	0	21.14	21.37	21.20	3.0	22.5
	256QAM	1	0	19.07	19.49	19.42	5.0	20.5
		1	12	19.22	19.23	19.53	5.0	20.5
		1	24	19.21	19.34	19.13	5.0	20.5
		12	0	19.10	19.35	19.43	5.0	20.5
		12	7	19.16	19.40	19.34	5.0	20.5
		12	13	18.93	19.32	19.29	5.0	20.5
		25	0	19.14	19.21	19.22	5.0	20.5

LTE Band 12 (Main1) Measured Results

BW (MHz)	Mode	RB Allocation	RB offset	Maximum Allowed Average Power (dBm)					Maximum Allowed Average Power (dBm)				
				DSI =3					DSI = 0, 4 ,5				
				Measured Pwr (dBm)			MPR	Tune-up Limit	Measured Pwr (dBm)			MPR	Tune-up Limit
				23060	23095	23130			23060	23095	23130		
				704 MHz	707.5 MHz	711 MHz			704 MHz	707.5 MHz	711 MHz		
10 MHz	QPSK	1	0		24.23		0.0	25.5		23.08		0.0	23.5
		1	25		**24.62**		0.0	25.5		**23.14**		0.0	23.5
		1	49		24.04		0.0	25.5		22.95		0.0	23.5
		25	0		23.67		1.0	24.5		23.03		0.0	23.5
		25	12		**23.72**		1.0	24.5		**23.07**		0.0	23.5
		25	25		23.38		1.0	24.5		23.03		0.0	23.5
		50	0		23.54		1.0	24.5		23.00		0.0	23.5
	16QAM	1	0		23.08		1.0	24.5		23.38		0.0	23.5
		1	25		23.81		1.0	24.5		23.45		0.0	23.5
		1	49		23.10		1.0	24.5		23.50		0.0	23.5
		25	0		22.64		2.0	23.5		22.66		0.0	23.5
		25	12		22.83		2.0	23.5		22.63		0.0	23.5
		25	25		22.41		2.0	23.5		22.62		0.0	23.5
		50	0		22.57		2.0	23.5		22.70		0.0	23.5
	64QAM	1	0		22.22		2.0	23.5		22.73		0.0	23.5
		1	25		22.53		2.0	23.5		22.93		0.0	23.5
		1	49		22.25		2.0	23.5		22.50		0.0	23.5
		25	0		21.67		3.0	22.5		21.63		1.0	22.5
		25	12		21.65		3.0	22.5		21.57		1.0	22.5
		25	25		21.42		3.0	22.5		21.70		1.0	22.5
		50	0		21.57		3.0	22.5		21.56		1.0	22.5
	256QAM	1	0		19.34		5.0	20.5		19.22		3.0	20.5
		1	25		19.82		5.0	20.5		19.75		3.0	20.5
		1	49		18.68		5.0	20.5		19.39		3.0	20.5
		25	0		19.66		5.0	20.5		19.70		3.0	20.5
		25	12		19.62		5.0	20.5		19.52		3.0	20.5
		25	25		19.51		5.0	20.5		19.56		3.0	20.5
		50	0		19.66		5.0	20.5		19.62		3.0	20.5

BW (MHz)	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit	Measured Pwr (dBm)			MPR	Tune-up Limit
				23035	23095	23155			23035	23095	23155		
				701.5 MHz	707.5 MHz	713.5 MHz			701.5 MHz	707.5 MHz	713.5 MHz		
5 MHz	QPSK	1	0	24.33	24.73	24.27	0.0	25.5	23.02	23.00	22.90	0.0	23.5
		1	12	23.84	24.54	24.10	0.0	25.5	23.11	23.08	23.05	0.0	23.5
		1	24	24.25	24.47	24.36	0.0	25.5	22.93	22.91	22.82	0.0	23.5
		12	0	23.04	23.56	23.29	1.0	24.5	23.02	23.06	23.01	0.0	23.5
		12	7	22.99	23.71	23.17	1.0	24.5	23.13	23.05	22.95	0.0	23.5
		12	13	23.23	23.72	23.22	1.0	24.5	23.15	23.04	23.03	0.0	23.5
		25	0	23.22	23.59	23.22	1.0	24.5	23.04	23.00	22.95	0.0	23.5
	16QAM	1	0	23.64	24.04	23.50	1.0	24.5	23.11	23.14	23.28	0.0	23.5
		1	12	22.89	24.01	23.06	1.0	24.5	22.90	22.92	23.20	0.0	23.5
		1	24	23.63	23.70	23.82	1.0	24.5	23.41	23.05	23.43	0.0	23.5
		12	0	22.31	22.66	22.39	2.0	23.5	22.29	22.65	22.24	0.0	23.5
		12	7	22.12	22.69	22.19	2.0	23.5	22.21	22.76	22.22	0.0	23.5
		12	13	22.17	22.71	22.21	2.0	23.5	22.19	22.72	22.25	0.0	23.5
		25	0	22.14	22.62	22.27	2.0	23.5	22.17	22.60	22.23	0.0	23.5
	64QAM	1	0	22.67	22.73	22.77	2.0	23.5	22.23	22.98	22.45	0.0	23.5
		1	12	22.36	22.48	21.92	2.0	23.5	22.21	22.54	22.13	0.0	23.5
		1	24	22.78	22.69	22.43	2.0	23.5	22.41	22.93	22.53	0.0	23.5
		12	0	21.32	21.69	21.32	3.0	22.5	21.27	21.74	21.30	1.0	22.5
		12	7	21.11	21.67	21.22	3.0	22.5	21.17	21.65	21.11	1.0	22.5
		12	13	21.28	21.70	21.38	3.0	22.5	21.13	21.56	21.15	1.0	22.5
		25	0	21.23	21.62	21.32	3.0	22.5	21.08	21.50	21.33	1.0	22.5
	256QAM	1	0	19.93	19.71	19.69	5.0	20.5	19.53	19.40	19.98	3.0	20.5
		1	12	19.36	19.63	19.27	5.0	20.5	19.15	19.96	19.68	3.0	20.5
		1	24	19.91	19.95	19.67	5.0	20.5	19.92	19.58	19.32	3.0	20.5
		12	0	19.24	19.46	19.35	5.0	20.5	19.30	19.45	19.48	3.0	20.5
		12	7	19.27	19.74	19.25	5.0	20.5	19.25	19.70	19.21	3.0	20.5
		12	13	19.20	19.62	19.27	5.0	20.5	19.17	19.64	19.22	3.0	20.5
		25	0	19.23	19.67	19.37	5.0	20.5	19.31	19.55	19.29	3.0	20.5

LTE Band 12 (Main1) Measured Results (Continued)

BW (MHz)	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit	Measured Pwr (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	24.30	24.50	24.14	0.0	25.5	22.93	22.93	22.91	0.0	23.5
		1	8	23.88	24.66	24.20	0.0	25.5	23.15	23.15	22.97	0.0	23.5
		1	14	24.06	24.62	24.26	0.0	25.5	22.96	22.91	22.97	0.0	23.5
		8	0	23.12	23.57	23.16	1.0	24.5	23.17	22.98	22.95	0.0	23.5
		8	4	23.06	23.71	23.21	1.0	24.5	23.06	23.08	22.99	0.0	23.5
		8	7	23.01	23.72	23.25	1.0	24.5	23.00	23.08	22.94	0.0	23.5
		15	0	23.04	23.61	23.20	1.0	24.5	23.04	22.98	22.97	0.0	23.5
	16QAM	1	0	23.17	23.71	22.76	1.0	24.5	22.81	22.95	22.64	0.0	23.5
		1	8	23.30	23.59	23.00	1.0	24.5	23.17	22.86	23.18	0.0	23.5
		1	14	22.76	23.83	23.57	1.0	24.5	22.95	22.85	23.16	0.0	23.5
		8	0	22.16	22.67	22.09	2.0	23.5	22.25	22.60	22.25	0.0	23.5
		8	4	22.08	22.69	22.33	2.0	23.5	22.15	22.79	22.25	0.0	23.5
		8	7	22.03	22.64	22.27	2.0	23.5	21.89	22.75	22.24	0.0	23.5
		15	0	22.03	22.57	22.23	2.0	23.5	22.13	22.57	22.22	0.0	23.5
	64QAM	1	0	22.59	22.73	21.80	2.0	23.5	22.46	22.62	22.18	0.0	23.5
		1	8	22.35	22.82	22.43	2.0	23.5	22.18	22.60	22.37	0.0	23.5
		1	14	22.00	22.56	22.39	2.0	23.5	21.94	22.42	22.28	0.0	23.5
		8	0	21.10	21.56	21.28	3.0	22.5	21.23	21.51	21.17	1.0	22.5
		8	4	21.11	21.68	21.22	3.0	22.5	20.93	21.59	21.22	1.0	22.5
		8	7	21.02	21.68	21.15	3.0	22.5	21.10	21.66	21.27	1.0	22.5
		15	0	21.04	21.52	21.23	3.0	22.5	21.11	21.66	21.23	1.0	22.5
	256QAM	1	0	19.63	19.76	19.22	5.0	20.5	19.75	19.77	19.36	3.0	20.5
		1	8	19.19	19.81	19.61	5.0	20.5	19.73	19.99	19.35	3.0	20.5
		1	14	19.03	19.60	19.77	5.0	20.5	19.07	19.78	19.25	3.0	20.5
		8	0	19.15	19.59	19.24	5.0	20.5	19.43	19.65	19.18	3.0	20.5
		8	4	19.16	19.65	19.24	5.0	20.5	19.04	19.55	19.13	3.0	20.5
		8	7	19.16	19.66	19.42	5.0	20.5	19.15	19.49	19.16	3.0	20.5
		15	0	19.24	19.62	19.26	5.0	20.5	19.12	19.49	19.26	3.0	20.5

BW (MHz)	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit	Measured Pwr (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	24.08	24.40	23.89	0.0	25.5	22.96	22.96	22.89	0.0	23.5
		1	3	23.62	24.51	23.85	0.0	25.5	22.94	23.05	23.07	0.0	23.5
		1	5	23.79	24.41	23.92	0.0	25.5	23.03	23.02	22.86	0.0	23.5
		3	0	23.89	24.48	23.82	0.0	25.5	23.03	22.90	22.96	0.0	23.5
		3	1	23.72	24.34	23.88	0.0	25.5	22.96	23.03	23.14	0.0	23.5
		3	3	23.64	24.44	23.87	0.0	25.5	23.07	22.97	22.99	0.0	23.5
		6	0	22.80	23.39	22.91	1.0	24.5	23.06	22.91	22.94	0.0	23.5
	16QAM	1	0	23.40	23.58	22.78	1.0	24.5	23.02	23.44	22.91	0.0	23.5
		1	3	22.52	23.78	23.00	1.0	24.5	23.06	23.03	23.15	0.0	23.5
		1	5	22.88	23.57	23.27	1.0	24.5	23.08	22.83	22.91	0.0	23.5
		3	0	23.05	23.41	22.86	1.0	24.5	22.96	22.79	23.07	0.0	23.5
		3	1	22.88	23.44	22.97	1.0	24.5	22.98	23.28	23.13	0.0	23.5
		3	3	22.81	23.60	22.89	1.0	24.5	22.96	23.28	23.02	0.0	23.5
		6	0	21.75	22.45	21.93	2.0	23.5	22.20	22.61	22.10	0.0	23.5
	64QAM	1	0	22.35	22.49	22.12	2.0	23.5	22.53	22.83	22.54	0.0	23.5
		1	3	21.80	22.59	22.16	2.0	23.5	22.34	22.14	22.53	0.0	23.5
		1	5	21.70	22.72	21.98	2.0	23.5	22.35	22.75	22.59	0.0	23.5
		3	0	22.32	22.59	22.12	2.0	23.5	22.43	22.50	22.29	0.0	23.5
		3	1	22.04	22.50	21.83	2.0	23.5	22.25	22.41	22.44	0.0	23.5
		3	3	21.79	22.54	21.97	2.0	23.5	22.18	22.49	22.34	0.0	23.5
		6	0	20.86	21.40	20.95	3.0	22.5	21.16	21.65	21.14	1.0	22.5
	256QAM	1	0	19.77	19.42	19.15	5.0	20.5	19.41	19.51	19.32	3.0	20.5
		1	3	18.79	19.51	19.43	5.0	20.5	19.19	19.40	19.72	3.0	20.5
		1	5	18.93	19.69	19.26	5.0	20.5	19.10	19.59	19.63	3.0	20.5
		3	0	19.16	19.32	18.88	5.0	20.5	19.57	19.62	19.47	3.0	20.5
		3	1	19.06	19.45	18.91	5.0	20.5	19.44	19.50	19.20	3.0	20.5
		3	3	18.88	19.82	19.16	5.0	20.5	18.88	19.54	19.60	3.0	20.5
		6	0	19.09	19.29	18.99	5.0	20.5	19.35	19.53	19.35	3.0	20.5

LTE Band 13 (Main1) Measured Results

BW (MHz)	Mode	RB Allocation	RB offset	Maximum Allowed Average Power (dBm) DSI =3 Measured Pwr (dBm)			MPR	Tune-up Limit	Maximum Allowed Average Power (dBm) DSI = 0, 4, 5 Measured Pwr (dBm)			MPR	Tune-up Limit
					23230					23230			
					782 MHz					782 MHz			
10 MHz	QPSK	1	0		23.79		0.0	25.5		**22.89**		0.0	23.5
		1	25		24.34		0.0	25.5		22.22		0.0	23.5
		1	49		**24.36**		0.0	25.5		22.71		0.0	23.5
		25	0		23.23		1.0	24.5		**22.87**		0.0	23.5
		25	12		**23.60**		1.0	24.5		22.86		0.0	23.5
		25	25		23.53		1.0	24.5		22.82		0.0	23.5
		50	0		23.41		1.0	24.5		22.81		0.0	23.5
	16QAM	1	0		22.89		1.0	24.5		22.99		0.0	23.5
		1	25		23.75		1.0	24.5		23.35		0.0	23.5
		1	49		23.50		1.0	24.5		22.91		0.0	23.5
		25	0		22.29		2.0	23.5		22.28		0.0	23.5
		25	12		22.54		2.0	23.5		22.41		0.0	23.5
		25	25		22.58		2.0	23.5		22.37		0.0	23.5
		50	0		22.44		2.0	23.5		22.40		0.0	23.5
	64QAM	1	0		21.94		2.0	23.5		21.95		0.0	23.5
		1	25		23.21		2.0	23.5		22.44		0.0	23.5
		1	49		22.61		2.0	23.5		22.43		0.0	23.5
		25	0		21.31		3.0	22.5		21.37		1.0	22.5
		25	12		21.52		3.0	22.5		21.45		1.0	22.5
		25	25		21.51		3.0	22.5		21.39		1.0	22.5
		50	0		21.58		3.0	22.5		21.33		1.0	22.5
	256QAM	1	0		18.87		5.0	20.5		19.17		3.0	20.5
		1	25		19.74		5.0	20.5		19.68		3.0	20.5
		1	49		19.48		5.0	20.5		19.44		3.0	20.5
		25	0		19.60		5.0	20.5		19.49		3.0	20.5
		25	12		19.59		5.0	20.5		19.40		3.0	20.5
		25	25		19.55		5.0	20.5		19.48		3.0	20.5
		50	0		19.47		5.0	20.5		19.50		3.0	20.5

BW (MHz)	Mode	RB Allocation	RB offset	Measured Pwr (dBm) 23205 779.5 MHz	23230 782 MHz	23255 784.5 MHz	MPR	Tune-up Limit	Measured Pwr (dBm) 23205 779.5 MHz	23230 782 MHz	23255 784.5 MHz	MPR	Tune-up Limit
5 MHz	QPSK	1	0		24.18		0.0	25.5		22.81		0.0	23.5
		1	12		24.50		0.0	25.5		22.91		0.0	23.5
		1	24		24.26		0.0	25.5		22.78		0.0	23.5
		12	0		23.51		1.0	24.5		22.85		0.0	23.5
		12	7		23.57		1.0	24.5		22.88		0.0	23.5
		12	13		23.57		1.0	24.5		22.83		0.0	23.5
		25	0		23.60		1.0	24.5		22.82		0.0	23.5
	16QAM	1	0		23.30		1.0	24.5		23.11		0.0	23.5
		1	12		23.67		1.0	24.5		23.19		0.0	23.5
		1	24		23.31		1.0	24.5		22.35		0.0	23.5
		12	0		22.53		2.0	23.5		22.44		0.0	23.5
		12	7		22.61		2.0	23.5		22.61		0.0	23.5
		12	13		22.69		2.0	23.5		22.52		0.0	23.5
		25	0		22.58		2.0	23.5		22.42		0.0	23.5
	64QAM	1	0		22.53		2.0	23.5		22.48		0.0	23.5
		1	12		22.68		2.0	23.5		22.48		0.0	23.5
		1	24		22.54		2.0	23.5		22.26		0.0	23.5
		12	0		21.45		3.0	22.5		21.45		1.0	22.5
		12	7		21.64		3.0	22.5		21.53		1.0	22.5
		12	13		21.62		3.0	22.5		21.53		1.0	22.5
		25	0		21.50		3.0	22.5		21.47		1.0	22.5
	256QAM	1	0		19.31		5.0	20.5		19.40		3.0	20.5
		1	12		19.70		5.0	20.5		19.80		3.0	20.5
		1	24		19.53		5.0	20.5		19.66		3.0	20.5
		12	0		19.54		5.0	20.5		19.38		3.0	20.5
		12	7		19.69		5.0	20.5		19.48		3.0	20.5
		12	13		19.57		5.0	20.5		19.45		3.0	20.5
		25	0		19.48		5.0	20.5		19.38		3.0	20.5

LTE Band 14 (Main1) Measured Results

BW (MHz)	Mode	RB Allocation	RB offset	Maximum Allowed Average Power (dBm)			MPR	Tune-up Limit
				DSI = 0, 3, 4, 5				
				Measured Pwr (dBm)				
					23330			
					793 MHz			
10 MHz	QPSK	1	0		24.10		0.0	25.5
		1	25		24.12		0.0	25.5
		1	49		23.44		0.0	25.5
		25	0		23.11		1.0	24.5
		25	12		23.18		1.0	24.5
		25	25		22.96		1.0	24.5
		50	0		23.21		1.0	24.5
	16QAM	1	0		23.25		1.0	24.5
		1	25		23.31		1.0	24.5
		1	49		22.94		1.0	24.5
		25	0		22.11		2.0	23.5
		25	12		22.24		2.0	23.5
		25	25		22.04		2.0	23.5
		50	0		22.24		2.0	23.5
	64QAM	1	0		22.46		2.0	23.5
		1	25		22.23		2.0	23.5
		1	49		21.50		2.0	23.5
		25	0		21.22		3.0	22.5
		25	12		21.20		3.0	22.5
		25	25		21.10		3.0	22.5
		50	0		21.04		3.0	22.5
	256QAM	1	0		19.27		5.0	20.5
		1	25		19.23		5.0	20.5
		1	49		18.97		5.0	20.5
		25	0		19.04		5.0	20.5
		25	12		19.17		5.0	20.5
		25	25		19.16		5.0	20.5
		50	0		19.09		5.0	20.5

BW (MHz)	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
				23305	23330	23355		
				790.5 MHz	793 MHz	795.5 MHz		
5 MHz	QPSK	1	0	24.03	24.06	24.02	0.0	25.5
		1	12	24.08	23.49	23.76	0.0	25.5
		1	24	24.06	23.16	23.53	0.0	25.5
		12	0	23.06	22.95	23.08	1.0	24.5
		12	7	23.16	22.74	22.95	1.0	24.5
		12	13	23.14	23.00	22.74	1.0	24.5
		25	0	23.16	23.17	23.00	1.0	24.5
	16QAM	1	0	23.19	23.24	23.22	1.0	24.5
		1	12	23.12	23.15	23.13	1.0	24.5
		1	24	23.18	23.24	22.73	1.0	24.5
		12	0	22.13	22.15	22.14	2.0	23.5
		12	7	22.18	22.29	22.00	2.0	23.5
		12	13	22.17	22.13	21.80	2.0	23.5
		25	0	22.16	22.13	22.03	2.0	23.5
	64QAM	1	0	22.20	22.39	22.14	2.0	23.5
		1	12	22.58	21.97	22.21	2.0	23.5
		1	24	22.21	22.20	21.86	2.0	23.5
		12	0	21.15	21.12	21.13	3.0	22.5
		12	7	21.20	21.38	21.09	3.0	22.5
		12	13	21.24	21.18	20.89	3.0	22.5
		25	0	21.16	21.16	21.06	3.0	22.5
	256QAM	1	0	19.18	19.03	19.09	5.0	20.5
		1	12	19.37	18.73	19.48	5.0	20.5
		1	24	19.01	19.00	19.03	5.0	20.5
		12	0	19.05	19.01	19.03	5.0	20.5
		12	7	19.09	19.06	19.30	5.0	20.5
		12	13	19.08	19.13	18.97	5.0	20.5
		25	0	19.10	19.16	18.93	5.0	20.5

LTE Band 26 (Main1) Measured Results

BW (MHz)	Mode	RB Allocation	RB offset	Maximum Allowed Average Power (dBm)					Maximum Allowed Average Power (dBm)				
				DSI = 0, 4, 5					DSI = 3				
				Measured Pwr (dBm)			MPR	Tune-up Limit	Measured Pwr (dBm)			MPR	Tune-up Limit
				26765	26865	26965			26765	26865	26965		
				821.5 MHz	831.5 MHz				821.5 MHz	831.5 MHz	841.5 MHz		
15 MHz	QPSK	1	0		**22.69**		0.0	24.0		**24.22**		0.0	25.5
		1	37		22.37		0.0	24.0		24.03		0.0	25.5
		1	74		22.30		0.0	24.0		23.95		0.0	25.5
		36	0		**22.52**		0.0	24.0		**23.03**		1.0	24.5
		36	20		22.51		0.0	24.0		23.02		1.0	24.5
		36	39		22.47		0.0	24.0		23.00		1.0	24.5
		75	0		22.56		0.0	24.0		23.10		1.0	24.5
	16QAM	1	0		22.58		0.0	24.0		23.20		1.0	24.5
		1	37		22.73		0.0	24.0		22.74		1.0	24.5
		1	74		22.09		0.0	24.0		23.10		1.0	24.5
		36	0		22.09		1.0	23.0		22.07		2.0	23.5
		36	20		22.20		1.0	23.0		22.04		2.0	23.5
		36	39		22.13		1.0	23.0		22.02		2.0	23.5
		75	0		22.14		1.0	23.0		22.03		2.0	23.5
	64QAM	1	0		22.26		1.0	23.0		22.10		2.0	23.5
		1	37		22.11		1.0	23.0		22.72		2.0	23.5
		1	74		21.75		1.0	23.0		22.05		2.0	23.5
		36	0		21.15		1.5	22.5		21.04		3.0	22.5
		36	20		21.11		1.5	22.5		21.07		3.0	22.5
		36	39		21.07		1.5	22.5		20.95		3.0	22.5
		75	0		21.17		1.5	22.5		21.05		3.0	22.5
	256QAM	1	0		19.21		4.0	20.0		19.17		5.0	20.5
		1	37		18.86		4.0	20.0		19.10		5.0	20.5
		1	74		19.15		4.0	20.0		19.34		5.0	20.5
		36	0		19.08		4.0	20.0		18.94		5.0	20.5
		36	20		19.13		4.0	20.0		19.14		5.0	20.5
		36	39		19.10		4.0	20.0		18.99		5.0	20.5
		75	0		19.09		4.0	20.0		19.11		5.0	20.5

BW (MHz)	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit	Measured Pwr (dBm)			MPR	Tune-up Limit
				26740	26865	26990			26740	26865	26990		
				819 MHz	831.5 MHz	844 MHz			819 MHz	831.5 MHz	844 MHz		
10 MHz	QPSK	1	0	22.81	22.55	22.55	0.0	24.0	24.22	24.22	24.22	0.0	25.5
		1	25	22.63	22.58	22.63	0.0	24.0	24.03	24.03	24.03	0.0	25.5
		1	49	22.73	22.45	22.57	0.0	24.0	23.95	23.95	23.95	0.0	25.5
		25	0	22.70	22.59	22.53	0.0	24.0	23.03	23.03	23.03	1.0	24.5
		25	12	22.79	22.64	22.53	0.0	24.0	23.02	23.02	23.02	1.0	24.5
		25	25	22.75	22.67	22.55	0.0	24.0	23.00	23.00	23.00	1.0	24.5
		50	0	22.77	22.67	22.46	0.0	24.0	23.10	23.10	23.10	1.0	24.5
	16QAM	1	0	22.83	22.56	22.68	0.0	24.0	23.20	23.20	23.20	1.0	24.5
		1	25	22.50	22.83	22.67	0.0	24.0	22.74	22.74	22.74	1.0	24.5
		1	49	22.71	22.31	22.63	0.0	24.0	23.10	23.10	23.10	1.0	24.5
		25	0	22.26	22.22	22.04	1.0	23.0	22.07	22.07	22.07	2.0	23.5
		25	12	22.35	22.19	22.14	1.0	23.0	22.04	22.04	22.04	2.0	23.5
		25	25	22.30	22.21	22.18	1.0	23.0	22.02	22.02	22.02	2.0	23.5
		50	0	22.39	22.24	22.11	1.0	23.0	22.03	22.03	22.03	2.0	23.5
	64QAM	1	0	22.54	22.46	22.32	1.0	23.0	22.10	22.10	22.10	2.0	23.5
		1	25	22.47	22.15	22.22	1.0	23.0	22.72	22.72	22.72	2.0	23.5
		1	49	22.21	22.44	21.80	1.0	23.0	22.05	22.05	22.05	2.0	23.5
		25	0	21.40	21.28	21.09	1.5	22.5	21.04	21.04	21.04	3.0	22.5
		25	12	21.28	21.26	21.12	1.5	22.5	21.07	21.07	21.07	3.0	22.5
		25	25	21.32	21.33	21.11	1.5	22.5	20.95	20.95	20.95	3.0	22.5
		50	0	21.39	21.19	21.10	1.5	22.5	21.05	21.05	21.05	3.0	22.5
	256QAM	1	0	19.55	19.36	19.38	4.0	20.0	19.17	19.17	19.17	5.0	20.5
		1	25	19.47	19.31	19.03	4.0	20.0	19.10	19.10	19.10	5.0	20.5
		1	49	19.21	19.31	19.15	4.0	20.0	19.34	19.34	19.34	5.0	20.5
		25	0	19.30	19.17	19.12	4.0	20.0	18.94	18.94	18.94	5.0	20.5
		25	12	19.43	19.25	19.11	4.0	20.0	19.14	19.14	19.14	5.0	20.5
		25	25	19.40	19.22	19.22	4.0	20.0	18.99	18.99	18.99	5.0	20.5
		50	0	19.41	19.24	19.11	4.0	20.0	19.11	19.11	19.11	5.0	20.5

LTE Band 26 (Main1) Measured Results (Continued)

BW (MHz)	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit	Measured Pwr (dBm)			MPR	Tune-up Limit
				26715	26865	27015			26715	26865	27015		
				816.5 MHz	831.5 MHz	846.5 MHz			816.5 MHz	831.5 MHz	846.5 MHz		
5 MHz	QPSK	1	0	22.79	22.52	22.42	0.0	24.0	24.34	24.19	24.04	0.0	25.0
		1	12	22.90	22.68	22.49	0.0	24.0	24.40	24.17	24.05	0.0	25.0
		1	24	22.63	22.52	22.44	0.0	24.0	24.32	24.06	23.98	0.0	25.0
		12	0	22.75	22.53	22.46	0.0	24.0	23.34	23.07	23.06	0.5	24.5
		12	7	22.81	22.62	22.57	0.0	24.0	23.39	23.25	23.11	0.5	24.5
		12	13	22.74	22.57	22.54	0.0	24.0	23.31	23.17	23.11	0.5	24.5
		25	0	22.79	22.64	22.52	0.0	24.0	23.37	23.17	23.11	1.0	24.0
	16QAM	1	0	23.03	22.66	22.62	0.0	24.0	22.92	22.99	23.20	1.0	24.0
		1	12	22.86	22.79	22.37	0.0	24.0	23.48	23.41	23.22	1.0	24.0
		1	24	22.67	22.54	22.63	0.0	24.0	23.08	23.10	22.89	1.0	24.0
		12	0	22.42	22.12	22.14	1.0	23.0	22.44	22.09	22.09	1.5	23.5
		12	7	22.41	22.17	22.24	1.0	23.0	22.32	22.07	22.16	1.5	23.5
		12	13	22.40	22.23	22.05	1.0	23.0	22.38	22.17	22.11	1.5	23.5
		25	0	22.41	22.21	22.09	1.0	23.0	22.34	22.14	22.13	2.0	23.0
	64QAM	1	0	22.62	22.21	22.28	1.0	23.0	22.28	22.17	22.08	2.0	23.0
		1	12	22.31	22.24	22.15	1.0	23.0	22.57	21.95	22.33	2.0	23.0
		1	24	22.55	22.43	22.46	1.0	23.0	21.94	22.53	22.06	2.0	23.0
		12	0	21.41	21.17	21.09	1.5	22.5	21.23	21.14	21.06	2.5	22.5
		12	7	21.31	21.11	21.21	1.5	22.5	21.42	21.24	21.08	2.5	22.5
		12	13	21.43	21.21	21.18	1.5	22.5	21.15	21.12	21.00	2.5	22.5
		25	0	21.40	21.16	21.14	1.5	22.5	21.32	21.16	21.12	3.0	22.0
	256QAM	1	0	19.47	19.34	18.94	4.0	20.0	19.50	19.28	19.17	5.0	20.0
		1	12	19.87	19.21	19.08	4.0	20.0	19.27	19.28	18.96	5.0	20.0
		1	24	19.64	19.43	19.14	4.0	20.0	19.05	19.03	19.05	5.0	20.0
		12	0	19.31	19.17	19.11	4.0	20.0	19.29	19.05	19.15	5.0	20.0
		12	7	19.31	19.29	19.15	4.0	20.0	19.48	19.25	19.20	5.0	20.0
		12	13	19.41	19.16	19.18	4.0	20.0	19.50	19.27	19.10	5.0	20.0
		25	0	19.31	19.19	19.10	4.0	20.0	19.26	19.17	19.22	5.0	20.0
BW (MHz)	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit	Measured Pwr (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	22.66	22.48	22.42	0.0	24.0	24.26	23.97	24.07	0.0	25.0
		1	8	22.77	22.61	22.59	0.0	24.0	24.42	24.15	24.16	0.0	25.0
		1	14	22.59	22.47	22.39	0.0	24.0	24.27	24.07	23.65	0.0	25.0
		8	0	22.80	22.54	22.49	0.0	24.0	23.34	23.04	23.12	0.5	24.5
		8	4	22.76	22.56	22.56	0.0	24.0	23.40	23.18	23.09	0.5	24.5
		8	7	22.79	22.61	22.54	0.0	24.0	23.34	23.12	23.24	0.5	24.5
		15	0	22.83	22.57	22.56	0.0	24.0	23.36	23.09	23.25	1.0	24.0
	16QAM	1	0	22.81	22.34	22.35	0.0	24.0	23.27	23.24	23.45	1.0	24.0
		1	8	23.36	22.97	22.51	0.0	24.0	23.35	23.25	23.37	1.0	24.0
		1	14	22.38	22.54	22.47	0.0	24.0	23.40	23.40	23.20	1.0	24.0
		8	0	22.49	22.28	22.09	1.0	23.0	22.35	22.02	22.15	1.5	23.5
		8	4	22.22	22.21	22.31	1.0	23.0	22.17	22.12	22.19	1.5	23.5
		8	7	22.48	22.31	22.18	1.0	23.0	22.29	22.17	22.04	1.5	23.5
		15	0	22.31	22.29	22.11	1.0	23.0	22.36	22.15	22.12	2.0	23.0
	64QAM	1	0	22.68	22.32	22.00	1.0	23.0	22.31	22.06	22.00	2.0	23.0
		1	8	22.81	22.77	22.34	1.0	23.0	22.44	22.10	22.17	2.0	23.0
		1	14	22.45	22.24	22.42	1.0	23.0	22.44	22.23	22.20	2.0	23.0
		8	0	21.38	21.16	21.09	1.5	22.5	21.26	21.00	21.13	2.5	22.5
		8	4	21.46	21.15	21.24	1.5	22.5	21.50	21.17	21.19	2.5	22.5
		8	7	21.57	21.24	21.16	1.5	22.5	21.33	21.20	21.12	2.5	22.5
		15	0	21.40	21.08	21.12	1.5	22.5	21.44	21.18	21.21	3.0	22.0
	256QAM	1	0	19.63	19.11	19.35	4.0	20.0	19.17	19.04	19.15	5.0	20.0
		1	8	19.72	19.35	19.10	4.0	20.0	19.43	19.47	19.17	5.0	20.0
		1	14	19.63	19.13	19.24	4.0	20.0	19.30	19.05	19.41	5.0	20.0
		8	0	19.43	19.13	18.99	4.0	20.0	19.30	19.11	19.11	5.0	20.0
		8	4	19.20	19.24	19.19	4.0	20.0	19.37	19.14	19.15	5.0	20.0
		8	7	19.32	19.18	19.25	4.0	20.0	19.46	19.16	19.13	5.0	20.0
		15	0	19.32	19.19	19.16	4.0	20.0	19.23	19.24	19.08	5.0	20.0

LTE Band 26 (Main1) Measured Results (Continued)

BW (MHz)	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit	Measured Pwr (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	22.76	22.52	22.40	0.0	24.0	24.13	23.99	23.96	0.0	25.0
		1	3	22.66	22.54	22.59	0.0	24.0	24.12	24.17	23.63	0.0	25.0
		1	5	22.66	22.52	22.55	0.0	24.0	24.19	23.93	23.48	0.0	25.0
		3	0	22.81	22.58	22.57	0.0	24.0	24.06	24.13	23.75	0.5	24.5
		3	1	22.74	22.57	22.42	0.0	24.0	24.08	24.21	23.65	0.5	24.5
		3	3	22.77	22.63	22.49	0.0	24.0	24.10	24.07	23.47	0.5	24.5
		6	0	22.79	22.50	22.43	0.0	24.0	22.78	22.57	22.60	1.0	24.0
	16QAM	1	0	22.64	22.47	22.58	0.0	24.0	22.91	23.37	22.94	1.0	24.0
		1	3	22.79	22.29	22.69	0.0	24.0	23.63	22.79	22.77	1.0	24.0
		1	5	22.90	22.57	22.42	0.0	24.0	23.28	23.35	22.64	1.0	24.0
		3	0	22.95	22.48	22.60	1.0	23.0	23.09	23.36	22.73	1.5	23.5
		3	1	22.71	22.77	22.55	1.0	23.0	23.26	23.45	22.83	1.5	23.5
		3	3	22.63	22.68	22.58	1.0	23.0	23.33	23.25	22.64	1.5	23.5
		6	0	22.34	22.21	21.97	1.0	23.0	22.23	22.24	21.76	2.0	23.0
	64QAM	1	0	22.67	22.56	22.48	1.0	23.0	22.50	22.13	22.41	2.0	23.0
		1	3	22.53	22.06	22.07	1.0	23.0	22.16	22.47	21.72	2.0	23.0
		1	5	22.64	22.01	22.02	1.0	23.0	22.36	22.38	21.59	2.0	23.0
		3	0	22.49	22.33	22.18	1.5	22.5	22.19	22.12	22.03	2.5	22.5
		3	1	22.37	21.99	21.99	1.5	22.5	22.19	22.23	21.93	2.5	22.5
		3	3	22.43	22.29	22.02	1.5	22.5	22.23	22.32	21.75	2.5	22.5
		6	0	21.46	21.09	21.07	1.5	22.5	21.27	21.10	20.80	3.0	22.0
	256QAM	1	0	19.37	19.56	19.05	4.0	20.0	19.32	19.42	19.35	5.0	20.0
		1	3	19.19	19.31	19.28	4.0	20.0	19.25	19.17	19.08	5.0	20.0
		1	5	19.38	19.21	18.85	4.0	20.0	19.39	19.11	18.38	5.0	20.0
		3	0	19.58	19.21	19.23	4.0	20.0	19.30	19.27	19.01	5.0	20.0
		3	1	19.35	19.01	19.25	4.0	20.0	19.27	19.13	19.06	5.0	20.0
		3	3	19.46	19.41	19.07	4.0	20.0	19.40	19.15	18.83	5.0	20.0
		6	0	19.43	19.23	19.13	4.0	20.0	19.32	19.25	18.97	5.0	20.0

LTE Band 66 (Main2) Measured Results

BW (MHz)	Mode	RB Allocation	RB offset	Maximum Allowed Average Power (dBm)					Maximum Allowed Average Power (dBm)				
				Pmax / DSI =3					DSI = 0, 4, 5				
				Measured Pwr (dBm)			MPR	Tune-up Limit	Measured Pwr (dBm)			MPR	Tune-up Limit
				132072	132322	132572			132072	132322	132572		
				1720 MHz	1745 MHz	1770 MHz			1720 MHz	1745 MHz	1770 MHz		
20 MHz	QPSK	1	0	**23.29**	23.15	23.02	0.0	25.0	**18.27**	18.06	18.03	0.0	19.0
		1	49	23.28	23.09	23.04	0.0	25.0	18.15	17.90	17.94	0.0	19.0
		1	99	23.26	23.04	22.95	0.0	25.0	18.19	18.02	17.85	0.0	19.0
		50	0	**22.26**	22.04	21.89	1.0	24.0	**18.23**	18.02	18.04	0.0	19.0
		50	24	22.23	22.11	22.08	1.0	24.0	18.22	18.01	17.98	0.0	19.0
		50	50	22.15	22.14	22.12	1.0	24.0	18.10	17.99	17.95	0.0	19.0
		100	0	22.25	22.04	21.99	1.0	24.0	18.22	17.96	17.93	0.0	19.0
	16QAM	1	0	22.73	21.96	22.11	1.0	24.0	18.28	17.64	18.24	0.0	19.0
		1	49	21.88	22.21	22.24	1.0	24.0	18.44	18.05	17.79	0.0	19.0
		1	99	22.85	22.32	22.58	1.0	24.0	18.53	17.99	18.05	0.0	19.0
		50	0	21.29	21.05	20.99	2.0	23.0	18.33	18.03	17.85	0.0	19.0
		50	24	21.30	21.11	21.00	2.0	23.0	18.27	18.00	17.92	0.0	19.0
		50	50	21.14	20.98	21.12	2.0	23.0	18.17	18.02	18.00	0.0	19.0
		100	0	21.20	21.06	21.12	2.0	23.0	18.24	17.99	17.77	0.0	19.0
	64QAM	1	0	21.28	20.99	20.63	2.0	23.0	18.37	18.32	18.29	0.0	19.0
		1	49	21.32	21.29	21.21	2.0	23.0	17.94	18.14	17.69	0.0	19.0
		1	99	21.01	20.97	21.56	2.0	23.0	18.60	18.06	18.22	0.0	19.0
		50	0	20.16	20.11	20.06	3.0	22.0	18.23	18.00	17.90	0.0	19.0
		50	24	20.30	20.03	20.13	3.0	22.0	18.24	17.98	17.85	0.0	19.0
		50	50	20.15	20.11	20.13	3.0	22.0	18.19	17.99	18.02	0.0	19.0
		100	0	20.28	20.07	19.98	3.0	22.0	18.28	18.03	17.80	0.0	19.0
	256QAM	1	0	18.30	18.02	18.12	5.0	20.0	18.26	18.10	17.86	0.0	19.0
		1	49	18.06	17.86	18.69	5.0	20.0	17.67	17.65	17.74	0.0	19.0
		1	99	18.59	18.21	18.22	5.0	20.0	18.33	18.05	18.06	0.0	19.0
		50	0	18.25	18.05	17.89	5.0	20.0	18.29	17.98	17.84	0.0	19.0
		50	24	18.29	18.05	17.95	5.0	20.0	18.30	17.99	17.87	0.0	19.0
		50	50	18.12	18.01	18.02	5.0	20.0	18.17	17.95	17.97	0.0	19.0
		100	0	18.23	18.03	17.95	5.0	20.0	18.18	17.99	17.95	0.0	19.0

BW (MHz)	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit	Measured Pwr (dBm)			MPR	Tune-up Limit
				132047	132322	132597			132047	132322	132597		
				1717.5 MHz	1745 MHz	1772.5 MHz			1717.5 MHz	1745 MHz	1772.5 MHz		
15 MHz	QPSK	1	0	23.15	23.06	22.81	0.0	25.0	18.18	17.99	17.83	0.0	19.0
		1	37	23.37	23.04	22.96	0.0	25.0	18.05	17.90	17.94	0.0	19.0
		1	74	23.20	23.15	22.94	0.0	25.0	18.22	17.98	17.99	0.0	19.0
		36	0	22.21	22.09	22.00	1.0	24.0	18.31	17.96	17.87	0.0	19.0
		36	20	22.33	22.01	21.94	1.0	24.0	18.21	18.01	17.81	0.0	19.0
		36	39	22.14	22.04	22.05	1.0	24.0	18.14	18.05	17.97	0.0	19.0
		75	0	22.27	22.11	21.91	1.0	24.0	18.27	18.00	17.87	0.0	19.0
	16QAM	1	0	22.47	22.05	22.18	1.0	24.0	18.53	17.84	17.96	0.0	19.0
		1	37	22.35	22.33	22.10	1.0	24.0	18.43	17.98	18.17	0.0	19.0
		1	74	22.29	22.16	22.06	1.0	24.0	18.77	18.07	17.87	0.0	19.0
		36	0	21.34	21.14	20.93	2.0	23.0	18.32	17.97	17.94	0.0	19.0
		36	20	21.30	21.10	21.03	2.0	23.0	18.24	18.02	17.84	0.0	19.0
		36	39	21.18	21.04	21.07	2.0	23.0	18.09	18.04	17.90	0.0	19.0
		75	0	21.30	21.02	20.93	2.0	23.0	18.23	17.96	17.86	0.0	19.0
	64QAM	1	0	21.56	20.85	21.12	2.0	23.0	18.16	18.10	18.00	0.0	19.0
		1	37	21.14	20.87	21.00	2.0	23.0	18.46	18.06	18.50	0.0	19.0
		1	74	21.49	20.78	21.62	2.0	23.0	18.08	17.82	18.03	0.0	19.0
		36	0	20.35	19.98	19.88	3.0	22.0	18.29	18.03	17.84	0.0	19.0
		36	20	20.33	20.02	20.04	3.0	22.0	18.20	17.97	17.92	0.0	19.0
		36	39	20.26	20.12	19.98	3.0	22.0	18.16	17.96	17.90	0.0	19.0
		75	0	20.30	20.05	20.05	3.0	22.0	18.29	17.98	17.90	0.0	19.0
	256QAM	1	0	17.99	17.91	18.06	5.0	20.0	18.11	17.80	17.92	0.0	19.0
		1	37	18.08	17.81	18.34	5.0	20.0	18.34	18.18	17.83	0.0	19.0
		1	74	18.81	18.36	18.06	5.0	20.0	18.44	18.18	18.08	0.0	19.0
		36	0	18.19	18.01	17.99	5.0	20.0	18.21	17.98	17.91	0.0	19.0
		36	20	18.20	18.06	17.91	5.0	20.0	18.09	17.95	17.80	0.0	19.0
		36	39	18.15	18.07	18.08	5.0	20.0	18.17	17.94	17.89	0.0	19.0
		75	0	18.34	18.02	17.93	5.0	20.0	18.22	18.00	17.81	0.0	19.0

LTE Band 66 (Main2) Measured Results_(Continued)

BW (MHz)	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit	Measured Pwr (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	23.40	23.13	23.12	0.0	25.0	18.31	18.09	17.97	0.0	19.0
		1	25	23.38	23.06	23.26	0.0	25.0	18.41	18.14	18.03	0.0	19.0
		1	49	23.25	23.06	23.03	0.0	25.0	18.19	18.11	18.02	0.0	19.0
		25	0	22.44	22.20	22.07	1.0	24.0	18.31	18.18	17.95	0.0	19.0
		25	12	22.51	22.22	22.20	1.0	24.0	18.37	18.12	18.10	0.0	19.0
		25	25	22.25	22.19	22.21	1.0	24.0	18.33	18.09	18.06	0.0	19.0
		50	0	22.45	22.25	22.18	1.0	24.0	18.43	18.12	18.12	0.0	19.0
	16QAM	1	0	22.58	22.34	22.38	1.0	24.0	18.50	18.26	18.08	0.0	19.0
		1	25	22.55	22.20	22.22	1.0	24.0	18.68	18.32	17.79	0.0	19.0
		1	49	22.52	22.05	21.86	1.0	24.0	18.30	18.08	18.13	0.0	19.0
		25	0	21.43	21.24	21.06	2.0	23.0	18.43	18.07	17.98	0.0	19.0
		25	12	21.41	21.22	21.24	2.0	23.0	18.45	18.22	18.12	0.0	19.0
		25	25	21.43	21.13	21.31	2.0	23.0	18.32	18.12	18.04	0.0	19.0
		50	0	21.47	21.17	21.25	2.0	23.0	18.36	18.15	18.08	0.0	19.0
	64QAM	1	0	21.67	21.32	21.26	2.0	23.0	18.42	18.31	18.16	0.0	19.0
		1	25	21.47	21.29	21.53	2.0	23.0	18.81	18.57	18.39	0.0	19.0
		1	49	21.79	20.80	21.22	2.0	23.0	18.47	18.05	18.34	0.0	19.0
		25	0	20.38	20.29	20.02	3.0	22.0	18.40	18.20	18.07	0.0	19.0
		25	12	20.49	20.20	20.26	3.0	22.0	18.34	18.17	18.06	0.0	19.0
		25	25	20.34	20.16	20.28	3.0	22.0	18.22	18.12	18.10	0.0	19.0
		50	0	20.33	20.15	20.19	3.0	22.0	18.32	18.20	18.10	0.0	19.0
	256QAM	1	0	18.04	17.99	18.16	5.0	20.0	18.34	18.06	18.14	0.0	19.0
		1	25	18.58	18.00	18.21	5.0	20.0	18.09	18.30	17.80	0.0	19.0
		1	49	18.24	17.92	18.32	5.0	20.0	18.22	18.03	18.25	0.0	19.0
		25	0	18.38	18.19	18.07	5.0	20.0	18.48	18.26	18.00	0.0	19.0
		25	12	18.44	18.23	18.20	5.0	20.0	18.35	18.04	18.23	0.0	19.0
		25	25	18.27	18.13	18.25	5.0	20.0	18.24	18.12	17.99	0.0	19.0
		50	0	18.31	18.14	18.16	5.0	20.0	18.41	18.17	18.07	0.0	19.0

BW (MHz)	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit	Measured Pwr (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	23.43	22.98	23.12	0.0	25.0	18.28	17.95	17.96	0.0	19.0
		1	12	23.33	23.11	23.09	0.0	25.0	18.49	18.13	18.03	0.0	19.0
		1	24	23.30	23.14	23.02	0.0	25.0	18.37	18.07	17.86	0.0	19.0
		12	0	22.47	22.20	22.18	1.0	24.0	18.30	18.06	18.00	0.0	19.0
		12	7	22.45	22.10	22.21	1.0	24.0	18.40	18.20	18.12	0.0	19.0
		12	13	22.38	22.13	22.19	1.0	24.0	18.24	18.03	18.01	0.0	19.0
		25	0	22.41	22.15	22.18	1.0	24.0	18.35	18.06	18.06	0.0	19.0
	16QAM	1	0	22.35	22.13	22.34	1.0	24.0	18.15	18.16	18.20	0.0	19.0
		1	12	22.61	22.34	22.58	1.0	24.0	18.68	18.53	17.85	0.0	19.0
		1	24	22.62	22.19	22.42	1.0	24.0	18.21	18.02	18.46	0.0	19.0
		12	0	21.40	21.21	21.18	2.0	23.0	18.35	18.10	18.17	0.0	19.0
		12	7	21.45	21.07	21.14	2.0	23.0	18.38	18.19	18.05	0.0	19.0
		12	13	21.19	21.20	21.28	2.0	23.0	18.18	18.12	17.99	0.0	19.0
		25	0	21.46	21.22	21.11	2.0	23.0	18.43	18.16	18.01	0.0	19.0
	64QAM	1	0	21.47	21.20	21.53	2.0	23.0	18.10	18.24	18.39	0.0	19.0
		1	12	21.56	21.31	21.28	2.0	23.0	17.94	18.46	17.78	0.0	19.0
		1	24	21.29	21.32	21.35	2.0	23.0	17.85	18.56	18.23	0.0	19.0
		12	0	20.38	20.27	20.12	3.0	22.0	18.39	18.03	17.89	0.0	19.0
		12	7	20.44	20.05	20.23	3.0	22.0	18.51	18.13	17.90	0.0	19.0
		12	13	20.18	20.16	20.09	3.0	22.0	18.33	18.06	18.09	0.0	19.0
		25	0	20.47	20.20	20.15	3.0	22.0	18.35	18.07	17.98	0.0	19.0
	256QAM	1	0	18.57	18.20	17.93	5.0	20.0	18.55	18.01	18.00	0.0	19.0
		1	12	18.57	18.41	18.39	5.0	20.0	18.66	18.03	17.95	0.0	19.0
		1	24	18.33	18.28	18.18	5.0	20.0	18.20	18.25	18.27	0.0	19.0
		12	0	18.36	18.19	18.07	5.0	20.0	18.42	18.17	18.08	0.0	19.0
		12	7	18.48	18.11	18.25	5.0	20.0	18.32	18.09	18.06	0.0	19.0
		12	13	18.30	18.14	18.14	5.0	20.0	18.19	18.21	18.05	0.0	19.0
		25	0	18.44	18.08	18.17	5.0	20.0	18.42	18.04	18.04	0.0	19.0

LTE Band 66 (Main2) Measured Results_(Continued)

BW (MHz)	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit	Measured Pwr (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	23.35	23.08	22.94	0.0	25.0	18.35	18.02	17.90	0.0	19.0
		1	8	23.46	23.14	23.24	0.0	25.0	18.23	18.11	18.12	0.0	19.0
		1	14	23.38	23.13	23.14	0.0	25.0	18.17	18.04	18.04	0.0	19.0
		8	0	22.44	22.13	22.11	1.0	24.0	18.35	18.13	17.90	0.0	19.0
		8	4	22.31	22.24	22.24	1.0	24.0	18.22	18.12	18.05	0.0	19.0
		8	7	22.40	22.10	22.18	1.0	24.0	18.33	18.11	18.09	0.0	19.0
		15	0	22.32	22.11	22.03	1.0	24.0	18.34	18.11	17.97	0.0	19.0
	16QAM	1	0	22.37	22.17	21.98	1.0	24.0	18.47	18.40	17.87	0.0	19.0
		1	8	22.41	22.35	22.23	1.0	24.0	18.32	17.96	17.94	0.0	19.0
		1	14	22.49	22.17	22.52	1.0	24.0	18.02	17.88	18.24	0.0	19.0
		8	0	21.32	21.25	21.16	2.0	23.0	18.33	18.22	18.04	0.0	19.0
		8	4	21.30	21.33	21.12	2.0	23.0	18.35	18.15	18.10	0.0	19.0
		8	7	21.34	21.18	21.27	2.0	23.0	18.44	18.12	18.19	0.0	19.0
		15	0	21.33	21.14	21.12	2.0	23.0	18.27	18.07	18.02	0.0	19.0
	64QAM	1	0	21.42	21.30	21.65	2.0	23.0	18.78	18.28	17.87	0.0	19.0
		1	8	21.72	21.23	21.47	2.0	23.0	18.65	18.16	17.68	0.0	19.0
		1	14	21.00	21.38	21.31	2.0	23.0	18.26	18.12	18.08	0.0	19.0
		8	0	20.46	20.18	20.14	3.0	22.0	18.23	18.16	18.15	0.0	19.0
		8	4	20.15	20.04	20.13	3.0	22.0	18.02	18.12	18.01	0.0	19.0
		8	7	20.41	19.96	20.12	3.0	22.0	18.28	18.12	18.07	0.0	19.0
		15	0	20.34	20.05	20.06	3.0	22.0	18.30	18.16	17.84	0.0	19.0
	256QAM	1	0	18.55	18.13	17.97	5.0	20.0	18.31	17.78	17.98	0.0	19.0
		1	8	18.18	18.53	18.11	5.0	20.0	18.48	18.40	18.06	0.0	19.0
		1	14	18.45	18.31	18.41	5.0	20.0	18.70	18.03	17.91	0.0	19.0
		8	0	18.44	18.08	18.05	5.0	20.0	18.36	18.16	17.91	0.0	19.0
		8	4	18.45	18.21	18.32	5.0	20.0	18.21	18.01	18.11	0.0	19.0
		8	7	18.28	18.17	18.27	5.0	20.0	18.26	18.17	18.14	0.0	19.0
		15	0	18.27	18.20	18.11	5.0	20.0	18.38	18.10	18.04	0.0	19.0
BW (MHz)	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit	Measured Pwr (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	23.35	22.92	23.00	0.0	25.0	18.27	18.06	17.94	0.0	19.0
		1	3	23.54	23.12	23.20	0.0	25.0	18.34	18.06	18.01	0.0	19.0
		1	5	23.31	23.19	23.21	0.0	25.0	18.11	17.94	18.01	0.0	19.0
		3	0	23.45	23.14	23.11	0.0	25.0	18.29	18.07	18.02	0.0	19.0
		3	1	23.43	23.24	23.18	0.0	25.0	18.41	17.99	18.01	0.0	19.0
		3	3	23.31	23.10	23.16	0.0	25.0	18.29	18.08	18.06	0.0	19.0
		6	0	22.31	22.21	22.11	1.0	24.0	18.40	18.05	18.03	0.0	19.0
	16QAM	1	0	22.03	21.76	22.72	1.0	24.0	18.49	18.26	18.18	0.0	19.0
		1	3	22.37	22.23	22.04	1.0	24.0	18.75	18.05	18.11	0.0	19.0
		1	5	22.50	22.26	22.23	1.0	24.0	18.30	18.02	18.08	0.0	19.0
		3	0	22.56	22.11	22.27	1.0	24.0	18.56	18.10	18.09	0.0	19.0
		3	1	22.52	22.20	22.17	1.0	24.0	18.33	17.96	18.13	0.0	19.0
		3	3	22.50	22.25	22.26	1.0	24.0	18.27	18.06	18.21	0.0	19.0
		6	0	21.34	21.15	21.23	2.0	23.0	18.38	18.17	18.10	0.0	19.0
	64QAM	1	0	21.53	21.31	21.33	2.0	23.0	18.73	18.18	18.31	0.0	19.0
		1	3	21.37	21.35	21.22	2.0	23.0	18.82	18.19	18.00	0.0	19.0
		1	5	21.51	21.44	21.32	2.0	23.0	18.56	17.75	18.37	0.0	19.0
		3	0	21.70	21.41	20.98	2.0	23.0	18.39	18.18	17.98	0.0	19.0
		3	1	21.25	21.14	20.99	2.0	23.0	18.41	18.40	18.23	0.0	19.0
		3	3	21.42	21.12	21.35	2.0	23.0	18.52	18.05	17.87	0.0	19.0
		6	0	20.46	19.88	20.02	3.0	22.0	18.45	18.06	17.98	0.0	19.0
	256QAM	1	0	18.99	18.40	17.79	5.0	20.0	18.10	17.81	18.25	0.0	19.0
		1	3	18.57	18.35	18.09	5.0	20.0	18.66	18.49	18.19	0.0	19.0
		1	5	18.69	17.68	18.09	5.0	20.0	18.52	18.08	17.85	0.0	19.0
		3	0	18.45	18.18	18.12	5.0	20.0	18.37	18.04	18.18	0.0	19.0
		3	1	18.39	18.20	18.07	5.0	20.0	18.18	18.26	18.13	0.0	19.0
		3	3	18.15	18.10	18.03	5.0	20.0	18.52	18.06	18.28	0.0	19.0
		6	0	18.38	18.21	18.11	5.0	20.0	18.41	18.04	17.96	0.0	19.0

LTE Band 66 (Sub.2) Measured Results

BW (MHz)	Mode	RB Allocation	RB offset	Maximum Allowed Average Power (dBm)					Maximum Allowed Average Power (dBm)				
				DSI = 0, 4, 5					DSI = 3				
				Measured Pwr (dBm)			MPR	Tune-up Limit	Measured Pwr (dBm)			MPR	Tune-up Limit
				132072	132322	132572			132072	132322	132572		
				1720 MHz	1745 MHz	1770 MHz			1720 MHz	1745 MHz	1770 MHz		
20 MHz	QPSK	1	0	17.24	16.70	16.44	0.0	18.0	18.13	17.70	17.53	0.0	18.5
		1	49	17.01	16.57	16.71	0.0	18.0	18.05	17.52	17.57	0.0	18.5
		1	99	16.92	16.67	16.60	0.0	18.0	17.89	17.71	17.64	0.0	18.5
		50	0	17.15	16.72	16.67	0.0	18.0	18.16	17.69	17.53	0.0	18.5
		50	24	17.07	16.69	16.64	0.0	18.0	18.06	17.65	17.69	0.0	18.5
		50	50	16.98	16.72	16.81	0.0	18.0	17.98	17.68	17.75	0.0	18.5
		100	0	17.12	16.71	16.64	0.0	18.0	18.10	17.69	17.59	0.0	18.5
	16QAM	1	0	17.65	16.82	16.36	0.0	18.0	18.21	17.55	17.90	0.0	18.5
		1	49	17.41	16.93	16.31	0.0	18.0	18.21	17.77	17.48	0.0	18.5
		1	99	16.78	16.75	16.82	0.0	18.0	17.97	17.97	18.31	0.0	18.5
		50	0	17.18	16.72	16.64	0.0	18.0	18.04	17.74	17.67	0.0	18.5
		50	24	17.15	16.79	16.73	0.0	18.0	18.15	17.72	17.57	0.0	18.5
		50	50	17.04	16.79	16.80	0.0	18.0	17.98	17.76	17.72	0.0	18.5
		100	0	17.12	16.71	16.69	0.0	18.0	18.13	17.73	17.66	0.0	18.5
	64QAM	1	0	17.20	16.90	16.81	0.0	18.0	18.42	17.92	17.54	0.0	18.5
		1	49	17.44	17.11	17.13	0.0	18.0	18.28	17.71	17.94	0.0	18.5
		1	99	17.14	16.65	16.88	0.0	18.0	17.99	18.05	17.69	0.0	18.5
		50	0	17.08	16.67	16.63	0.0	18.0	18.09	17.55	17.65	0.0	18.5
		50	24	17.20	16.72	16.64	0.0	18.0	18.05	17.66	17.60	0.0	18.5
		50	50	17.01	16.69	16.78	0.0	18.0	17.99	17.70	17.70	0.0	18.5
		100	0	17.12	16.75	16.72	0.0	18.0	18.05	17.68	17.69	0.0	18.5
	256QAM	1	0	17.46	17.22	16.40	0.0	18.0	17.81	17.42	17.03	0.0	18.5
		1	49	17.28	16.88	16.91	0.0	18.0	17.56	17.09	17.26	0.0	18.5
		1	99	17.08	16.76	16.30	0.0	18.0	17.77	17.39	17.38	0.0	18.5
		50	0	17.20	16.73	16.51	0.0	18.0	17.69	17.10	17.04	0.0	18.5
		50	24	17.17	16.74	16.62	0.0	18.0	17.59	17.21	17.12	0.0	18.5
		50	50	17.10	16.72	16.65	0.0	18.0	17.47	17.09	17.17	0.0	18.5
		100	0	17.13	16.78	16.62	0.0	18.0	17.62	17.02	17.11	0.0	18.5
BW (MHz)	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit	Measured Pwr (dBm)			MPR	Tune-up Limit
				132047	132322	132597			132047	132322	132597		
				1717.5 MHz	1745 MHz	1772.5 MHz			1717.5 MHz	1745 MHz	1772.5 MHz		
15 MHz	QPSK	1	0	17.24	16.55	16.57	0.0	18.0	18.19	17.64	17.79	0.0	18.5
		1	37	17.08	16.66	16.49	0.0	18.0	18.21	17.70	17.93	0.0	18.5
		1	74	17.03	16.77	16.42	0.0	18.0	18.13	17.73	17.79	0.0	18.5
		36	0	17.30	16.72	16.65	0.0	18.0	18.01	17.72	17.75	0.0	18.5
		36	20	17.17	16.73	16.73	0.0	18.0	17.81	17.75	17.90	0.0	18.5
		36	39	17.05	16.73	16.76	0.0	18.0	18.09	17.76	17.93	0.0	18.5
		75	0	17.06	16.73	16.77	0.0	18.0	18.21	17.74	17.84	0.0	18.5
	16QAM	1	0	17.01	16.71	16.80	0.0	18.0	18.03	17.84	17.72	0.0	18.5
		1	37	17.45	16.61	16.47	0.0	18.0	18.36	17.79	17.77	0.0	18.5
		1	74	17.21	16.73	16.79	0.0	18.0	18.05	17.62	17.78	0.0	18.5
		36	0	17.16	16.78	16.53	0.0	18.0	18.15	17.70	17.75	0.0	18.5
		36	20	17.20	16.74	16.66	0.0	18.0	18.17	17.71	17.86	0.0	18.5
		36	39	16.98	16.74	16.66	0.0	18.0	18.19	17.70	17.74	0.0	18.5
		75	0	17.07	16.75	16.74	0.0	18.0	18.16	17.74	17.81	0.0	18.5
	64QAM	1	0	16.90	16.89	16.78	0.0	18.0	18.23	17.68	17.76	0.0	18.5
		1	37	17.06	16.78	16.89	0.0	18.0	18.43	18.24	17.81	0.0	18.5
		1	74	17.07	16.91	16.37	0.0	18.0	18.29	17.83	17.48	0.0	18.5
		36	0	17.21	16.67	16.70	0.0	18.0	18.17	17.76	17.71	0.0	18.5
		36	20	17.22	16.81	16.67	0.0	18.0	18.15	17.79	17.92	0.0	18.5
		36	39	16.98	16.83	16.78	0.0	18.0	18.03	17.85	17.75	0.0	18.5
		75	0	17.15	16.71	16.74	0.0	18.0	18.18	17.66	17.82	0.0	18.5
	256QAM	1	0	17.32	16.46	16.67	0.0	18.0	18.07	17.66	17.72	0.0	18.5
		1	37	16.89	16.67	17.24	0.0	18.0	18.39	17.56	17.52	0.0	18.5
		1	74	17.18	16.61	16.81	0.0	18.0	17.72	17.80	17.87	0.0	18.5
		36	0	17.14	16.63	16.64	0.0	18.0	18.26	17.67	17.79	0.0	18.5
		36	20	17.16	16.68	16.69	0.0	18.0	18.15	17.75	17.88	0.0	18.5
		36	39	16.93	16.73	16.74	0.0	18.0	18.18	17.65	17.70	0.0	18.5
		75	0	17.07	16.72	16.62	0.0	18.0	18.18	17.80	17.94	0.0	18.5

LTE Band 66 (Sub.2) Measured Results_(Continued)

BW (MHz)	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit	Measured Pwr (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	17.29	16.80	16.81	0.0	18.0	18.06	17.56	17.61	0.0	18.5
		1	25	17.31	16.76	16.82	0.0	18.0	18.25	17.86	17.73	0.0	18.5
		1	49	17.09	16.87	16.78	0.0	18.0	18.22	17.68	17.62	0.0	18.5
		25	0	17.33	16.77	16.77	0.0	18.0	18.17	17.74	17.67	0.0	18.5
		25	12	17.34	16.83	16.87	0.0	18.0	18.26	17.70	17.90	0.0	18.5
		25	25	17.25	16.90	16.89	0.0	18.0	18.17	17.66	17.89	0.0	18.5
		50	0	17.39	16.85	16.86	0.0	18.0	18.20	17.64	17.82	0.0	18.5
	16QAM	1	0	17.11	16.72	16.90	0.0	18.0	18.24	18.08	17.46	0.0	18.5
		1	25	16.95	16.61	17.09	0.0	18.0	18.41	17.61	17.90	0.0	18.5
		1	49	17.43	16.77	16.88	0.0	18.0	17.97	17.76	17.73	0.0	18.5
		25	0	17.28	16.89	16.76	0.0	18.0	18.19	17.64	17.75	0.0	18.5
		25	12	17.32	16.80	16.84	0.0	18.0	18.28	17.88	17.87	0.0	18.5
		25	25	17.24	16.71	16.87	0.0	18.0	18.20	17.70	17.92	0.0	18.5
		50	0	17.31	16.77	16.86	0.0	18.0	18.22	17.68	17.70	0.0	18.5
	64QAM	1	0	17.44	16.85	16.94	0.0	18.0	18.16	18.00	17.79	0.0	18.5
		1	25	17.35	17.18	17.03	0.0	18.0	17.90	17.78	18.16	0.0	18.5
		1	49	17.60	16.57	17.13	0.0	18.0	18.06	18.13	18.05	0.0	18.5
		25	0	17.27	16.87	16.62	0.0	18.0	18.15	17.82	17.74	0.0	18.5
		25	12	17.33	16.90	16.95	0.0	18.0	18.20	17.62	17.88	0.0	18.5
		25	25	17.27	16.81	16.85	0.0	18.0	18.11	17.72	17.86	0.0	18.5
		50	0	17.36	16.80	16.87	0.0	18.0	18.27	17.71	17.77	0.0	18.5
	256QAM	1	0	17.37	16.89	16.90	0.0	18.0	18.39	17.84	17.44	0.0	18.5
		1	25	17.67	16.73	16.76	0.0	18.0	18.43	18.11	17.71	0.0	18.5
		1	49	16.94	16.55	17.10	0.0	18.0	18.26	17.78	17.97	0.0	18.5
		25	0	17.37	16.82	16.76	0.0	18.0	18.21	17.69	17.78	0.0	18.5
		25	12	17.25	16.92	16.94	0.0	18.0	18.27	17.87	17.90	0.0	18.5
		25	25	17.16	16.88	16.88	0.0	18.0	18.25	17.84	17.84	0.0	18.5
		50	0	17.30	16.83	16.88	0.0	18.0	18.24	17.74	17.71	0.0	18.5

BW (MHz)	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit	Measured Pwr (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	17.30	16.69	16.79	0.0	18.0	18.07	17.59	17.71	0.0	18.5
		1	12	17.50	16.71	16.85	0.0	18.0	18.04	17.73	17.79	0.0	18.5
		1	24	17.20	16.71	16.53	0.0	18.0	18.00	17.54	17.85	0.0	18.5
		12	0	17.37	16.80	16.77	0.0	18.0	17.92	17.70	17.86	0.0	18.5
		12	7	17.35	16.85	16.69	0.0	18.0	18.00	17.74	17.85	0.0	18.5
		12	13	17.28	16.81	16.82	0.0	18.0	18.17	17.63	17.84	0.0	18.5
		25	0	17.33	16.80	16.75	0.0	18.0	18.27	17.72	17.82	0.0	18.5
	16QAM	1	0	17.69	16.96	16.70	0.0	18.0	17.97	17.77	17.74	0.0	18.5
		1	12	17.60	16.61	16.74	0.0	18.0	18.26	17.65	17.95	0.0	18.5
		1	24	17.21	17.06	16.78	0.0	18.0	17.95	17.51	18.19	0.0	18.5
		12	0	17.33	16.75	16.75	0.0	18.0	18.18	17.75	17.90	0.0	18.5
		12	7	17.30	16.90	16.84	0.0	18.0	18.23	17.76	17.80	0.0	18.5
		12	13	17.22	16.76	16.87	0.0	18.0	18.14	17.52	17.81	0.0	18.5
		25	0	17.37	16.86	16.69	0.0	18.0	18.17	17.80	17.72	0.0	18.5
	64QAM	1	0	17.28	17.09	16.59	0.0	18.0	18.47	17.87	17.86	0.0	18.5
		1	12	17.35	16.92	16.84	0.0	18.0	18.30	17.82	18.16	0.0	18.5
		1	24	17.26	17.00	16.93	0.0	18.0	17.87	17.78	17.92	0.0	18.5
		12	0	17.36	16.85	16.78	0.0	18.0	18.25	17.62	17.68	0.0	18.5
		12	7	17.46	16.97	16.88	0.0	18.0	18.31	17.74	17.75	0.0	18.5
		12	13	17.39	16.88	16.75	0.0	18.0	18.14	17.65	17.85	0.0	18.5
		25	0	17.29	16.84	16.83	0.0	18.0	18.20	17.88	17.80	0.0	18.5
	256QAM	1	0	17.47	16.98	17.01	0.0	18.0	18.20	17.51	17.65	0.0	18.5
		1	12	17.27	16.85	17.06	0.0	18.0	18.45	17.98	17.60	0.0	18.5
		1	24	17.17	17.12	17.08	0.0	18.0	18.25	17.78	17.92	0.0	18.5
		12	0	17.37	16.82	16.70	0.0	18.0	18.11	17.73	17.85	0.0	18.5
		12	7	17.32	16.85	16.92	0.0	18.0	18.26	17.70	17.99	0.0	18.5
		12	13	17.13	16.88	16.77	0.0	18.0	18.15	17.81	17.69	0.0	18.5
		25	0	17.39	16.86	16.71	0.0	18.0	18.25	17.75	17.82	0.0	18.5

LTE Band 66 (Sub.2) Measured Results_(Continued)

BW (MHz)	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit	Measured Pwr (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	17.40	16.79	16.74	0.0	18.0	18.25	17.75	17.72	0.0	18.5
		1	8	17.49	16.76	16.74	0.0	18.0	18.16	17.58	17.84	0.0	18.5
		1	14	17.28	16.73	16.78	0.0	18.0	18.21	17.52	17.79	0.0	18.5
		8	0	17.36	16.82	16.83	0.0	18.0	18.23	17.69	17.80	0.0	18.5
		8	4	17.41	16.84	16.89	0.0	18.0	18.14	17.58	17.82	0.0	18.5
		8	7	17.23	16.84	16.86	0.0	18.0	18.19	17.55	17.78	0.0	18.5
		15	0	17.33	16.83	16.79	0.0	18.0	18.19	17.64	17.83	0.0	18.5
	16QAM	1	0	17.42	17.03	17.08	0.0	18.0	18.09	17.90	18.18	0.0	18.5
		1	8	17.69	16.68	17.06	0.0	18.0	18.48	18.03	17.90	0.0	18.5
		1	14	17.23	16.90	16.51	0.0	18.0	18.13	17.75	18.13	0.0	18.5
		8	0	17.41	16.82	16.89	0.0	18.0	18.19	17.65	17.68	0.0	18.5
		8	4	17.38	16.79	16.90	0.0	18.0	18.16	17.78	17.90	0.0	18.5
		8	7	17.27	16.87	16.87	0.0	18.0	18.14	17.64	17.90	0.0	18.5
		15	0	17.40	16.87	16.76	0.0	18.0	18.17	17.51	17.81	0.0	18.5
	64QAM	1	0	17.18	16.85	16.82	0.0	18.0	17.97	17.95	18.04	0.0	18.5
		1	8	17.54	17.24	17.21	0.0	18.0	18.14	17.71	17.48	0.0	18.5
		1	14	17.39	16.70	17.02	0.0	18.0	18.26	17.52	17.96	0.0	18.5
		8	0	17.39	16.89	16.76	0.0	18.0	18.29	17.78	17.68	0.0	18.5
		8	4	17.44	16.90	16.98	0.0	18.0	18.24	17.91	18.06	0.0	18.5
		8	7	17.36	16.72	16.83	0.0	18.0	18.44	17.72	17.75	0.0	18.5
		15	0	17.52	16.80	16.73	0.0	18.0	18.14	17.72	17.82	0.0	18.5
	256QAM	1	0	17.68	16.97	16.75	0.0	18.0	18.38	17.23	18.26	0.0	18.5
		1	8	17.58	16.89	16.99	0.0	18.0	18.19	17.82	18.37	0.0	18.5
		1	14	17.56	16.89	17.00	0.0	18.0	17.99	17.77	17.54	0.0	18.5
		8	0	17.42	16.73	16.68	0.0	18.0	18.29	17.67	17.85	0.0	18.5
		8	4	17.42	16.85	16.78	0.0	18.0	18.32	17.84	17.95	0.0	18.5
		8	7	17.28	16.93	16.88	0.0	18.0	18.24	17.88	17.69	0.0	18.5
		15	0	17.40	16.87	16.73	0.0	18.0	18.35	17.65	17.95	0.0	18.5

BW (MHz)	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit	Measured Pwr (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	17.24	16.77	16.76	0.0	18.0	18.41	17.85	17.96	0.0	18.5
		1	3	17.44	16.77	16.71	0.0	18.0	18.32	17.82	18.03	0.0	18.5
		1	5	17.26	16.73	16.74	0.0	18.0	18.33	17.77	17.91	0.0	18.5
		3	0	17.35	16.76	16.80	0.0	18.0	18.30	17.86	18.05	0.0	18.5
		3	1	17.35	16.77	16.75	0.0	18.0	18.34	17.87	17.96	0.0	18.5
		3	3	17.32	16.78	16.83	0.0	18.0	18.37	17.99	18.02	0.0	18.5
		6	0	17.31	16.74	16.79	0.0	18.0	18.37	17.93	17.96	0.0	18.5
	16QAM	1	0	17.53	16.81	17.10	0.0	18.0	18.49	17.81	17.93	0.0	18.5
		1	3	17.08	16.68	17.05	0.0	18.0	18.41	18.07	17.94	0.0	18.5
		1	5	17.50	16.96	17.33	0.0	18.0	18.45	17.95	17.68	0.0	18.5
		3	0	17.65	16.88	16.99	0.0	18.0	18.48	17.98	17.87	0.0	18.5
		3	1	17.34	17.00	16.83	0.0	18.0	18.22	17.82	17.91	0.0	18.5
		3	3	17.67	16.92	17.08	0.0	18.0	18.44	17.85	17.91	0.0	18.5
		6	0	17.38	16.74	16.82	0.0	18.0	18.41	17.96	18.05	0.0	18.5
	64QAM	1	0	17.43	16.77	16.92	0.0	18.0	18.41	18.11	18.13	0.0	18.5
		1	3	17.29	16.51	16.78	0.0	18.0	18.35	18.17	18.18	0.0	18.5
		1	5	17.59	16.84	16.59	0.0	18.0	18.42	17.74	17.94	0.0	18.5
		3	0	17.31	16.70	16.73	0.0	18.0	18.33	17.85	17.88	0.0	18.5
		3	1	17.35	16.92	16.94	0.0	18.0	18.17	17.89	18.27	0.0	18.5
		3	3	17.58	16.94	16.91	0.0	18.0	18.16	18.20	18.16	0.0	18.5
		6	0	17.35	16.77	16.79	0.0	18.0	18.34	18.15	17.98	0.0	18.5
	256QAM	1	0	16.83	16.89	16.89	0.0	18.0	18.47	17.66	17.94	0.0	18.5
		1	3	17.51	17.09	17.22	0.0	18.0	18.45	17.87	18.16	0.0	18.5
		1	5	17.19	16.65	16.84	0.0	18.0	18.46	18.18	17.44	0.0	18.5
		3	0	17.35	16.78	16.70	0.0	18.0	18.40	17.78	17.91	0.0	18.5
		3	1	17.25	16.75	17.15	0.0	18.0	18.37	18.09	17.83	0.0	18.5
		3	3	17.60	16.92	16.58	0.0	18.0	18.41	17.96	18.01	0.0	18.5
		6	0	17.44	16.84	16.83	0.0	18.0	18.41	17.85	18.07	0.0	18.5

LTE Band 25 (Main2) Measured Results

BW (MHz)	Mode	RB Allocation	RB offset	Maximum Allowed Average Power (dBm)					Maximum Allowed Average Power (dBm)				
				Pmax / DSI =3					DSI = 0, 4, 5				
				Measured Pwr (dBm)			MPR	Tune-up Limit	Measured Pwr (dBm)			MPR	Tune-up Limit
				26140	26365	26590			26140	26365	26590		
				1860 MHz	1882.5 MHz	1905 MHz			1860 MHz	1882.5 MHz	1905 MHz		
20 MHz	QPSK	1	0	**23.85**	23.37	23.17	0.0	25.0	**18.50**	18.27	18.13	0.0	20.0
		1	49	23.50	23.32	23.20	0.0	25.0	18.48	18.12	17.96	0.0	20.0
		1	99	23.52	23.12	23.06	0.0	25.0	18.26	18.05	18.07	0.0	20.0
		50	0	**22.54**	22.45	22.23	1.0	24.0	**18.53**	18.23	18.20	0.0	20.0
		50	24	22.53	22.34	22.22	1.0	24.0	18.48	18.30	18.18	0.0	20.0
		50	50	22.51	22.26	22.13	1.0	24.0	18.42	18.22	18.13	0.0	20.0
		100	0	22.59	22.40	22.24	1.0	24.0	18.54	18.27	18.16	0.0	20.0
	16QAM	1	0	22.40	22.30	22.57	1.0	24.0	18.50	17.96	18.31	0.0	20.0
		1	49	23.03	22.25	22.70	1.0	24.0	18.74	18.33	18.06	0.0	20.0
		1	99	22.80	22.33	22.10	1.0	24.0	18.46	18.25	18.17	0.0	20.0
		50	0	21.70	21.34	21.26	2.0	23.0	18.57	18.23	18.07	0.0	20.0
		50	24	21.53	21.41	21.23	2.0	23.0	18.51	18.26	18.19	0.0	20.0
		50	50	21.51	21.24	21.10	2.0	23.0	18.49	18.21	17.99	0.0	20.0
		100	0	21.61	21.20	21.31	2.0	23.0	18.45	18.32	18.13	0.0	20.0
	64QAM	1	0	21.56	21.53	21.21	2.0	23.0	18.97	18.28	18.03	0.0	20.0
		1	49	21.66	21.22	21.40	2.0	23.0	18.55	17.82	17.88	0.0	20.0
		1	99	21.80	21.31	21.48	2.0	23.0	18.82	18.19	18.15	0.0	20.0
		50	0	20.64	20.26	20.33	3.0	22.0	18.62	18.36	18.16	0.0	20.0
		50	24	20.66	20.30	20.18	3.0	22.0	18.43	18.30	18.18	0.0	20.0
		50	50	20.54	20.21	20.10	3.0	22.0	18.41	18.22	18.02	0.0	20.0
		100	0	20.53	20.30	20.27	3.0	22.0	18.36	18.30	18.20	0.0	20.0
	256QAM	1	0	18.92	18.99	17.87	5.0	20.0	18.46	18.22	17.66	0.0	20.0
		1	49	18.52	18.66	18.46	5.0	20.0	18.54	18.67	18.50	0.0	20.0
		1	99	18.37	18.55	18.44	5.0	20.0	18.62	18.67	18.14	0.0	20.0
		50	0	18.60	18.37	18.23	5.0	20.0	18.55	18.23	18.19	0.0	20.0
		50	24	18.53	18.25	18.14	5.0	20.0	18.55	18.21	18.15	0.0	20.0
		50	50	18.57	18.18	18.01	5.0	20.0	18.44	18.22	17.97	0.0	20.0
		100	0	18.41	18.30	18.25	5.0	20.0	18.35	18.21	18.13	0.0	20.0
BW (MHz)	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit	Measured Pwr (dBm)			MPR	Tune-up Limit
				26115	26365	26615			26115	26365	26615		
				1857.5 MHz	1882.5 MHz	1907.5 MHz			1857.5 MHz	1882.5 MHz	1907.5 MHz		
15 MHz	QPSK	1	0	23.62	23.24	23.04	0.0	25.0	18.30	18.07	18.06	0.0	20.0
		1	37	23.61	23.09	22.98	0.0	25.0	18.25	18.19	17.97	0.0	20.0
		1	74	23.72	23.13	23.14	0.0	25.0	18.32	18.05	18.02	0.0	20.0
		36	0	23.66	22.36	22.16	1.0	24.0	18.49	18.23	18.13	0.0	20.0
		36	20	23.57	22.31	22.19	1.0	24.0	18.47	18.25	18.12	0.0	20.0
		36	39	22.46	22.16	22.15	1.0	24.0	18.36	18.23	18.12	0.0	20.0
		75	0	22.60	22.32	22.23	1.0	24.0	18.36	18.18	18.20	0.0	20.0
	16QAM	1	0	22.59	22.76	22.40	1.0	24.0	18.71	18.37	18.18	0.0	20.0
		1	37	22.69	22.52	21.99	1.0	24.0	18.71	18.32	17.97	0.0	20.0
		1	74	22.76	22.11	21.89	1.0	24.0	18.65	17.97	17.82	0.0	20.0
		36	0	21.56	21.44	21.13	2.0	23.0	18.43	18.22	18.10	0.0	20.0
		36	20	21.58	21.39	21.19	2.0	23.0	18.41	18.29	18.16	0.0	20.0
		36	39	21.57	21.21	21.15	2.0	23.0	18.34	18.22	18.12	0.0	20.0
		75	0	21.56	21.35	21.15	2.0	23.0	18.27	18.29	18.11	0.0	20.0
	64QAM	1	0	21.66	21.45	21.19	2.0	23.0	18.56	18.10	18.29	0.0	20.0
		1	37	22.28	21.29	21.18	2.0	23.0	18.43	18.01	18.03	0.0	20.0
		1	74	21.77	21.54	21.17	2.0	23.0	18.60	18.18	18.27	0.0	20.0
		36	0	20.68	20.34	20.16	3.0	22.0	18.47	18.38	18.16	0.0	20.0
		36	20	20.59	20.39	20.25	3.0	22.0	18.52	18.26	18.12	0.0	20.0
		36	39	20.40	20.23	20.24	3.0	22.0	18.33	18.25	18.12	0.0	20.0
		75	0	20.50	20.31	20.12	3.0	22.0	18.43	18.19	18.13	0.0	20.0
	256QAM	1	0	18.75	18.46	17.75	5.0	20.0	18.37	18.11	18.28	0.0	20.0
		1	37	18.89	18.23	18.03	5.0	20.0	18.75	18.07	18.00	0.0	20.0
		1	74	18.28	18.16	18.09	5.0	20.0	18.23	18.12	18.13	0.0	20.0
		36	0	18.62	18.30	18.07	5.0	20.0	18.42	18.24	18.05	0.0	20.0
		36	20	18.47	18.31	18.12	5.0	20.0	18.39	18.26	18.06	0.0	20.0
		36	39	18.57	18.28	18.06	5.0	20.0	18.28	18.16	18.21	0.0	20.0
		75	0	18.50	18.35	18.08	5.0	20.0	18.36	18.21	18.01	0.0	20.0

LTE Band 25 (Main2) Measured Results_(Continued)

BW (MHz)	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit	Measured Pwr (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	23.61	23.39	23.39	0.0	25.0	18.44	18.25	18.15	0.0	20.0
		1	25	23.75	23.52	23.18	0.0	25.0	18.54	18.17	18.22	0.0	20.0
		1	49	23.67	23.44	22.92	0.0	25.0	18.58	18.22	18.32	0.0	20.0
		25	0	22.78	22.47	22.30	1.0	24.0	18.56	18.26	18.22	0.0	20.0
		25	12	22.76	22.50	22.32	1.0	24.0	18.62	18.31	18.27	0.0	20.0
		25	25	22.72	22.34	22.30	1.0	24.0	18.41	18.33	18.26	0.0	20.0
		50	0	22.69	22.43	22.32	1.0	24.0	18.49	18.33	18.32	0.0	20.0
	16QAM	1	0	23.05	22.58	21.93	1.0	24.0	18.64	18.37	18.53	0.0	20.0
		1	25	22.64	22.66	22.53	1.0	24.0	18.90	18.22	18.18	0.0	20.0
		1	49	22.87	22.16	21.67	1.0	24.0	18.72	18.63	18.34	0.0	20.0
		25	0	21.79	21.44	21.27	2.0	23.0	18.52	18.27	18.19	0.0	20.0
		25	12	21.73	21.46	21.34	2.0	23.0	18.66	18.37	18.27	0.0	20.0
		25	25	21.69	21.46	21.41	2.0	23.0	18.48	18.27	18.22	0.0	20.0
		50	0	21.71	21.45	21.26	2.0	23.0	18.46	18.33	18.25	0.0	20.0
	64QAM	1	0	21.56	21.77	21.93	2.0	23.0	18.77	18.57	18.37	0.0	20.0
		1	25	21.80	21.67	21.23	2.0	23.0	18.84	18.31	18.36	0.0	20.0
		1	49	21.65	21.40	21.19	2.0	23.0	18.59	18.64	18.27	0.0	20.0
		25	0	20.86	20.42	20.42	3.0	22.0	18.55	18.29	18.14	0.0	20.0
		25	12	20.76	20.48	20.28	3.0	22.0	18.56	18.32	18.30	0.0	20.0
		25	25	20.70	20.33	20.32	3.0	22.0	18.46	18.28	18.29	0.0	20.0
		50	0	20.78	20.50	20.25	3.0	22.0	18.51	18.35	18.28	0.0	20.0
	256QAM	1	0	18.71	18.47	18.56	5.0	20.0	18.67	18.72	18.23	0.0	20.0
		1	25	18.43	18.04	18.37	5.0	20.0	19.02	18.23	18.23	0.0	20.0
		1	49	18.45	18.01	18.10	5.0	20.0	18.96	18.56	18.46	0.0	20.0
		25	0	18.71	18.38	18.25	5.0	20.0	18.50	18.32	18.11	0.0	20.0
		25	12	18.76	18.42	18.34	5.0	20.0	18.65	18.21	18.35	0.0	20.0
		25	25	18.65	18.36	18.22	5.0	20.0	18.48	18.30	18.28	0.0	20.0
		50	0	18.58	18.44	18.25	5.0	20.0	18.48	18.27	18.23	0.0	20.0

BW (MHz)	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit	Measured Pwr (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	23.59	23.29	23.20	0.0	25.0	18.46	18.22	18.25	0.0	20.0
		1	12	23.76	23.47	23.26	0.0	25.0	18.53	18.28	18.32	0.0	20.0
		1	24	23.69	23.38	22.92	0.0	25.0	18.47	18.28	18.30	0.0	20.0
		12	0	22.80	22.39	22.26	1.0	24.0	18.47	18.29	18.12	0.0	20.0
		12	7	22.78	22.48	22.33	1.0	24.0	18.54	18.33	18.27	0.0	20.0
		12	13	22.76	22.50	22.18	1.0	24.0	18.52	18.33	18.26	0.0	20.0
		25	0	22.71	22.44	22.27	1.0	24.0	18.49	18.27	18.11	0.0	20.0
	16QAM	1	0	22.90	22.70	22.34	1.0	24.0	18.42	18.58	18.33	0.0	20.0
		1	12	22.77	22.40	22.33	1.0	24.0	18.26	18.29	18.29	0.0	20.0
		1	24	22.40	22.57	22.15	1.0	24.0	18.63	18.48	17.88	0.0	20.0
		12	0	21.76	21.47	21.26	2.0	23.0	18.61	18.37	18.12	0.0	20.0
		12	7	21.85	21.36	21.36	2.0	23.0	18.58	18.39	18.24	0.0	20.0
		12	13	21.83	21.50	21.29	2.0	23.0	18.49	18.35	18.17	0.0	20.0
		25	0	21.80	21.42	21.36	2.0	23.0	18.52	18.32	18.12	0.0	20.0
	64QAM	1	0	21.80	21.55	21.05	2.0	23.0	18.71	18.35	18.28	0.0	20.0
		1	12	21.53	21.72	21.60	2.0	23.0	18.54	18.65	18.58	0.0	20.0
		1	24	22.00	21.66	21.06	2.0	23.0	18.89	18.40	18.35	0.0	20.0
		12	0	20.77	20.38	20.27	3.0	22.0	18.48	18.21	18.29	0.0	20.0
		12	7	20.81	20.43	20.34	3.0	22.0	18.67	18.34	18.37	0.0	20.0
		12	13	20.77	20.49	20.32	3.0	22.0	18.56	18.34	18.32	0.0	20.0
		25	0	20.79	20.40	20.28	3.0	22.0	18.48	18.29	18.10	0.0	20.0
	256QAM	1	0	18.84	18.45	18.20	5.0	20.0	18.81	18.21	18.27	0.0	20.0
		1	12	19.05	18.69	18.43	5.0	20.0	18.77	18.59	18.60	0.0	20.0
		1	24	18.60	18.69	18.41	5.0	20.0	18.44	18.05	18.53	0.0	20.0
		12	0	18.62	18.47	18.27	5.0	20.0	18.58	18.18	18.12	0.0	20.0
		12	7	18.78	18.44	18.29	5.0	20.0	18.55	18.30	18.16	0.0	20.0
		12	13	18.76	18.34	18.27	5.0	20.0	18.45	18.26	18.23	0.0	20.0
		25	0	18.73	18.34	18.23	5.0	20.0	18.50	18.29	18.20	0.0	20.0

LTE Band 25 (Main2) Measured Results_(Continued)

BW (MHz)	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit	Measured Pwr (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	23.65	23.34	23.15	0.0	25.0	18.36	18.02	18.05	0.0	20.0
		1	8	23.65	23.37	23.20	0.0	25.0	18.52	18.25	18.28	0.0	20.0
		1	14	23.62	23.30	22.99	0.0	25.0	18.43	18.19	18.13	0.0	20.0
		8	0	22.77	22.47	22.28	1.0	24.0	18.51	18.23	18.26	0.0	20.0
		8	4	22.80	22.43	22.26	1.0	24.0	18.52	18.29	18.23	0.0	20.0
		8	7	22.73	22.41	22.15	1.0	24.0	18.51	18.27	18.20	0.0	20.0
		15	0	22.79	22.45	22.24	1.0	24.0	18.51	18.29	18.24	0.0	20.0
	16QAM	1	0	23.00	22.46	22.25	1.0	24.0	18.76	18.21	18.15	0.0	20.0
		1	8	22.99	22.21	22.41	1.0	24.0	18.78	18.20	18.64	0.0	20.0
		1	14	22.68	22.42	21.96	1.0	24.0	18.71	18.17	18.19	0.0	20.0
		8	0	21.70	21.33	21.23	2.0	23.0	18.57	18.31	18.14	0.0	20.0
		8	4	21.80	21.54	21.21	2.0	23.0	18.63	18.19	18.37	0.0	20.0
		8	7	21.83	21.44	21.16	2.0	23.0	18.49	18.29	18.16	0.0	20.0
		15	0	21.85	21.27	21.31	2.0	23.0	18.51	18.29	18.20	0.0	20.0
	64QAM	1	0	21.89	21.39	21.39	2.0	23.0	18.94	18.41	18.49	0.0	20.0
		1	8	22.36	21.62	21.53	2.0	23.0	18.65	18.67	18.82	0.0	20.0
		1	14	22.23	21.83	21.03	2.0	23.0	18.76	18.25	18.53	0.0	20.0
		8	0	20.67	20.46	20.26	3.0	22.0	18.59	18.30	18.22	0.0	20.0
		8	4	20.80	20.36	20.24	3.0	22.0	18.70	18.18	18.29	0.0	20.0
		8	7	20.71	20.42	20.25	3.0	22.0	18.42	18.36	18.15	0.0	20.0
		15	0	20.72	20.54	20.23	3.0	22.0	18.48	18.32	18.18	0.0	20.0
	256QAM	1	0	18.89	18.40	17.70	5.0	20.0	18.36	18.28	18.02	0.0	20.0
		1	8	19.17	18.46	18.22	5.0	20.0	18.82	18.47	18.21	0.0	20.0
		1	14	18.80	18.59	17.94	5.0	20.0	18.29	18.14	18.22	0.0	20.0
		8	0	18.59	18.31	18.18	5.0	20.0	18.48	18.30	18.17	0.0	20.0
		8	4	18.80	18.48	18.32	5.0	20.0	18.50	18.41	18.42	0.0	20.0
		8	7	18.72	18.63	18.19	5.0	20.0	18.57	18.36	18.17	0.0	20.0
		15	0	18.75	18.45	18.29	5.0	20.0	18.47	18.26	18.21	0.0	20.0

BW (MHz)	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit	Measured Pwr (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	23.68	23.31	23.02	0.0	25.0	18.37	18.20	18.10	0.0	20.0
		1	3	23.81	23.39	23.00	0.0	25.0	18.32	18.32	18.20	0.0	20.0
		1	5	23.62	23.36	22.83	0.0	25.0	18.33	18.20	18.18	0.0	20.0
		3	0	23.67	23.36	23.03	0.0	25.0	18.57	18.27	18.19	0.0	20.0
		3	1	23.80	23.41	22.89	0.0	25.0	18.53	18.16	18.14	0.0	20.0
		3	3	23.78	23.44	22.79	0.0	25.0	18.52	18.23	18.19	0.0	20.0
		6	0	22.75	22.35	21.95	1.0	24.0	18.45	18.20	18.16	0.0	20.0
	16QAM	1	0	22.96	22.33	22.06	1.0	24.0	18.44	18.20	18.18	0.0	20.0
		1	3	22.99	22.48	22.01	1.0	24.0	18.38	18.02	18.60	0.0	20.0
		1	5	22.80	22.71	21.90	1.0	24.0	18.40	18.37	18.38	0.0	20.0
		3	0	22.79	22.59	21.97	1.0	24.0	18.61	18.22	18.11	0.0	20.0
		3	1	22.70	22.52	22.02	1.0	24.0	18.43	18.12	18.03	0.0	20.0
		3	3	22.85	22.47	21.90	1.0	24.0	18.47	18.53	18.18	0.0	20.0
		6	0	21.85	21.47	21.09	2.0	23.0	18.46	18.34	18.15	0.0	20.0
	64QAM	1	0	21.97	21.41	21.45	2.0	23.0	18.56	18.37	18.47	0.0	20.0
		1	3	22.08	21.19	21.04	2.0	23.0	18.58	18.44	18.40	0.0	20.0
		1	5	21.56	21.64	21.03	2.0	23.0	18.84	18.11	18.46	0.0	20.0
		3	0	21.79	21.58	21.23	2.0	23.0	18.61	18.32	18.23	0.0	20.0
		3	1	21.93	21.43	21.09	2.0	23.0	18.47	18.31	18.25	0.0	20.0
		3	3	21.78	21.27	21.15	2.0	23.0	18.44	18.22	18.20	0.0	20.0
		6	0	20.73	20.37	20.06	3.0	22.0	18.47	18.08	18.22	0.0	20.0
	256QAM	1	0	18.69	18.52	18.17	5.0	20.0	18.62	18.20	18.18	0.0	20.0
		1	3	18.59	18.09	18.27	5.0	20.0	18.58	18.41	18.25	0.0	20.0
		1	5	18.69	18.56	18.35	5.0	20.0	18.50	18.47	18.61	0.0	20.0
		3	0	18.52	18.44	18.18	5.0	20.0	18.42	18.19	18.17	0.0	20.0
		3	1	18.56	18.24	18.15	5.0	20.0	18.34	18.49	18.19	0.0	20.0
		3	3	18.85	18.40	18.46	5.0	20.0	18.34	17.99	18.12	0.0	20.0
		6	0	18.70	18.48	18.14	5.0	20.0	18.33	18.28	18.10	0.0	20.0

LTE Band 25 (Sub.2) Measured Results

BW (MHz)	Mode	RB Allocation	RB offset	Maximum Allowed Average Power (dBm)				
				DSI = 0, 3, 4, 5				
				Measured Pwr (dBm)			MPR	Tune-up Limit
				26140	26365	26590		
				1860 MHz	1882.5 MHz	1905 MHz		
20 MHz	QPSK	1	0	18.35	18.34	18.08	0.0	19.5
		1	49	18.44	18.20	18.16	0.0	19.5
		1	99	18.20	18.25	18.04	0.0	19.5
		50	0	18.55	18.46	18.25	0.0	19.5
		50	24	18.66	18.32	18.31	0.0	19.5
		50	50	18.40	18.32	18.12	0.0	19.5
		100	0	18.39	18.40	18.36	0.0	19.5
	16QAM	1	0	18.53	18.11	18.57	0.0	19.5
		1	49	18.71	18.26	18.10	0.0	19.5
		1	99	18.03	17.55	18.28	0.0	19.5
		50	0	18.62	18.36	18.27	0.0	19.5
		50	24	18.60	18.42	18.36	0.0	19.5
		50	50	18.39	18.18	18.22	0.0	19.5
		100	0	18.56	18.36	18.30	0.0	19.5
	64QAM	1	0	18.68	18.05	17.88	0.0	19.5
		1	49	18.98	18.26	18.17	0.0	19.5
		1	99	18.91	18.06	18.37	0.0	19.5
		50	0	18.55	18.29	18.21	0.0	19.5
		50	24	18.53	18.39	18.25	0.0	19.5
		50	50	18.44	18.18	18.24	0.0	19.5
		100	0	18.49	18.40	18.39	0.0	19.5
	256QAM	1	0	18.61	18.45	18.24	0.0	19.5
		1	49	18.57	18.33	18.14	0.0	19.5
		1	99	18.41	18.51	17.38	0.0	19.5
		50	0	18.65	18.41	18.27	0.0	19.5
		50	24	18.65	18.46	18.10	0.0	19.5
		50	50	18.55	18.25	17.75	0.0	19.5
		100	0	18.52	18.42	18.14	0.0	19.5
BW (MHz)	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
				26115	26365	26615		
				1857.5 MHz	1882.5 MHz	1907.5 MHz		
15 MHz	QPSK	1	0	18.49	18.47	18.20	0.0	19.5
		1	37	18.51	18.43	18.30	0.0	19.5
		1	74	18.68	18.40	17.98	0.0	19.5
		36	0	18.57	18.43	18.32	0.0	19.5
		36	20	18.66	18.46	18.29	0.0	19.5
		36	39	18.47	18.47	18.36	0.0	19.5
		75	0	18.51	18.52	18.35	0.0	19.5
	16QAM	1	0	18.46	18.53	18.18	0.0	19.5
		1	37	18.74	18.48	18.37	0.0	19.5
		1	74	18.77	18.44	18.09	0.0	19.5
		36	0	18.56	18.41	18.34	0.0	19.5
		36	20	18.64	18.54	18.40	0.0	19.5
		36	39	18.51	18.50	18.39	0.0	19.5
		75	0	18.50	18.51	18.38	0.0	19.5
	64QAM	1	0	18.61	18.55	18.58	0.0	19.5
		1	37	18.77	18.79	18.53	0.0	19.5
		1	74	18.91	18.52	18.41	0.0	19.5
		36	0	18.61	18.48	18.45	0.0	19.5
		36	20	18.61	18.48	18.43	0.0	19.5
		36	39	18.55	18.44	18.29	0.0	19.5
		75	0	18.59	18.56	18.41	0.0	19.5
	256QAM	1	0	17.81	17.65	17.58	0.0	19.5
		1	37	17.73	17.62	17.65	0.0	19.5
		1	74	17.93	17.64	17.72	0.0	19.5
		36	0	17.65	17.63	17.80	0.0	19.5
		36	20	17.72	17.59	17.79	0.0	19.5
		36	39	17.64	17.56	17.75	0.0	19.5
		75	0	17.60	17.64	17.76	0.0	19.5

LTE Band 25 (Sub.2) Measured Results_(Continued)

BW (MHz)	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
				26090	26365	26640		
				1855 MHz	1882.5 MHz	1910 MHz		
10 MHz	QPSK	1	0	18.59	18.46	18.33	0.0	19.5
		1	25	18.77	18.60	18.43	0.0	19.5
		1	49	18.65	18.48	18.34	0.0	19.5
		25	0	18.70	18.57	18.45	0.0	19.5
		25	12	18.75	18.65	18.44	0.0	19.5
		25	25	18.60	18.51	18.45	0.0	19.5
		50	0	18.62	18.66	18.47	0.0	19.5
	16QAM	1	0	18.67	18.74	18.59	0.0	19.5
		1	25	18.83	18.95	18.44	0.0	19.5
		1	49	18.70	18.73	18.39	0.0	19.5
		25	0	18.75	18.67	18.46	0.0	19.5
		25	12	18.75	18.65	18.44	0.0	19.5
		25	25	18.60	18.54	18.40	0.0	19.5
		50	0	18.62	18.66	18.47	0.0	19.5
	64QAM	1	0	18.76	18.78	18.70	0.0	19.5
		1	25	19.04	18.78	18.55	0.0	19.5
		1	49	19.00	18.79	18.48	0.0	19.5
		25	0	18.72	18.62	18.51	0.0	19.5
		25	12	18.66	18.71	18.58	0.0	19.5
		25	25	18.68	18.62	18.48	0.0	19.5
		50	0	18.61	18.71	18.42	0.0	19.5
	256QAM	1	0	18.07	17.74	17.70	0.0	19.5
		1	25	17.81	18.12	18.05	0.0	19.5
		1	49	17.78	17.74	17.76	0.0	19.5
		25	0	17.85	17.77	17.95	0.0	19.5
		25	12	17.76	17.81	17.98	0.0	19.5
		25	25	17.79	17.64	17.85	0.0	19.5
		50	0	17.69	17.75	17.89	0.0	19.5

BW (MHz)	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
				26065	26365	26665		
				1852.5 MHz	1882.5 MHz	1912.5 MHz		
5 MHz	QPSK	1	0	18.59	18.58	18.37	0.0	19.5
		1	12	18.72	18.59	18.43	0.0	19.5
		1	24	18.62	18.57	18.33	0.0	19.5
		12	0	18.67	18.53	18.38	0.0	19.5
		12	7	18.69	18.66	18.47	0.0	19.5
		12	13	18.71	18.61	18.33	0.0	19.5
		25	0	18.71	18.61	18.35	0.0	19.5
	16QAM	1	0	18.76	18.84	18.46	0.0	19.5
		1	12	18.95	18.68	18.63	0.0	19.5
		1	24	18.71	18.68	18.31	0.0	19.5
		12	0	18.74	18.64	18.48	0.0	19.5
		12	7	18.90	18.67	18.49	0.0	19.5
		12	13	18.84	18.48	18.35	0.0	19.5
		25	0	18.72	18.61	18.46	0.0	19.5
	64QAM	1	0	18.79	18.70	18.49	0.0	19.5
		1	12	19.01	18.78	18.56	0.0	19.5
		1	24	18.89	18.80	18.43	0.0	19.5
		12	0	18.68	18.56	18.54	0.0	19.5
		12	7	18.77	18.69	18.54	0.0	19.5
		12	13	18.80	18.60	18.39	0.0	19.5
		25	0	18.69	18.57	18.45	0.0	19.5
	256QAM	1	0	17.82	17.82	17.82	0.0	19.5
		1	12	17.95	17.87	17.90	0.0	19.5
		1	24	18.01	17.59	17.62	0.0	19.5
		12	0	17.83	17.78	17.83	0.0	19.5
		12	7	17.90	17.82	17.79	0.0	19.5
		12	13	17.87	17.72	17.54	0.0	19.5
		25	0	17.84	17.77	17.82	0.0	19.5

LTE Band 25 (Sub.2) Measured Results_(Continued)

BW (MHz)	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
				26055	26365	26675		
				1851.5 MHz	1882.5 MHz	1913.5 MHz		
3 MHz	QPSK	1	0	18.63	18.52	18.25	0.0	19.5
		1	8	18.81	18.57	18.46	0.0	19.5
		1	14	18.62	18.61	18.28	0.0	19.5
		8	0	18.76	18.55	18.39	0.0	19.5
		8	4	18.79	18.63	18.39	0.0	19.5
		8	7	18.76	18.63	18.42	0.0	19.5
		15	0	18.70	18.63	18.30	0.0	19.5
	16QAM	1	0	18.80	18.77	18.52	0.0	19.5
		1	8	18.93	18.81	18.56	0.0	19.5
		1	14	18.87	18.55	18.47	0.0	19.5
		8	0	18.70	18.71	18.42	0.0	19.5
		8	4	18.82	18.73	18.48	0.0	19.5
		8	7	18.70	18.61	18.49	0.0	19.5
		15	0	18.79	18.63	18.41	0.0	19.5
	64QAM	1	0	18.71	18.83	18.36	0.0	19.5
		1	8	18.97	18.85	18.59	0.0	19.5
		1	14	18.81	18.53	18.64	0.0	19.5
		8	0	18.71	18.64	18.44	0.0	19.5
		8	4	18.82	18.64	18.48	0.0	19.5
		8	7	18.75	18.72	18.39	0.0	19.5
		15	0	18.67	18.66	18.46	0.0	19.5
	256QAM	1	0	17.86	17.68	17.66	0.0	19.5
		1	8	17.86	17.91	17.73	0.0	19.5
		1	14	17.90	17.81	17.63	0.0	19.5
		8	0	17.84	17.79	17.70	0.0	19.5
		8	4	17.80	17.84	17.58	0.0	19.5
		8	7	17.82	17.78	17.51	0.0	19.5
		15	0	17.80	17.80	17.58	0.0	19.5

BW (MHz)	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
				26047	26365	26683		
				1850.7 MHz	1882.5 MHz	1914.3 MHz		
1.4 MHz	QPSK	1	0	18.55	18.22	18.13	0.0	19.5
		1	3	18.55	18.46	18.25	0.0	19.5
		1	5	18.48	18.36	18.14	0.0	19.5
		3	0	18.58	18.32	18.16	0.0	19.5
		3	1	18.60	18.30	18.10	0.0	19.5
		3	3	18.54	18.33	18.05	0.0	19.5
		6	0	18.52	18.42	18.17	0.0	19.5
	16QAM	1	0	19.07	18.58	17.88	0.0	19.5
		1	3	19.08	18.34	18.20	0.0	19.5
		1	5	19.02	18.34	18.27	0.0	19.5
		3	0	18.55	18.34	18.17	0.0	19.5
		3	1	18.49	18.73	18.29	0.0	19.5
		3	3	18.44	18.53	18.13	0.0	19.5
		6	0	18.79	18.21	18.06	0.0	19.5
	64QAM	1	0	18.86	18.18	18.15	0.0	19.5
		1	3	18.89	18.60	18.59	0.0	19.5
		1	5	18.48	18.81	18.40	0.0	19.5
		3	0	18.71	18.56	18.06	0.0	19.5
		3	1	18.49	18.59	18.38	0.0	19.5
		3	3	18.54	18.45	18.12	0.0	19.5
		6	0	18.57	18.57	18.23	0.0	19.5
	256QAM	1	0	18.50	18.30	17.71	0.0	19.5
		1	3	18.96	18.24	17.87	0.0	19.5
		1	5	18.28	18.38	17.42	0.0	19.5
		3	0	18.65	18.49	17.82	0.0	19.5
		3	1	18.73	18.52	17.75	0.0	19.5
		3	3	18.80	18.60	17.92	0.0	19.5
		6	0	18.67	18.42	17.65	0.0	19.5

LTE Band 30 (Main2) Measured Results

BW (MHz)	Mode	RB Allocation	RB offset	Maximum Allowed Average Power (dBm)					Maximum Allowed Average Power (dBm)				
				DSI = 3					DSI = 0, 4, 5				
				Measured Pwr (dBm)			MPR	Tune-up Limit	Measured Pwr (dBm)			MPR	Tune-up Limit
					27710					27710			
					2310 MHz					2310 MHz			
10 MHz	QPSK	1	0		22.18		0.0	24.0		18.50		0.0	19.5
		1	25		22.24		0.0	24.0		18.56		0.0	19.5
		1	49		22.03		0.0	24.0		18.45		0.0	19.5
		25	0		21.18		1.0	23.0		18.52		0.0	19.5
		25	12		21.13		1.0	23.0		18.51		0.0	19.5
		25	25		21.10		1.0	23.0		18.47		0.0	19.5
		50	0		21.15		1.0	23.0		18.52		0.0	19.5
	16QAM	1	0		21.59		1.0	23.0		18.50		0.0	19.5
		1	25		21.28		1.0	23.0		18.55		0.0	19.5
		1	49		21.05		1.0	23.0		18.75		0.0	19.5
		25	0		20.12		2.0	22.0		18.48		0.0	19.5
		25	12		20.21		2.0	22.0		18.69		0.0	19.5
		25	25		20.09		2.0	22.0		18.51		0.0	19.5
		50	0		20.23		2.0	22.0		18.45		0.0	19.5
	64QAM	1	0		20.08		2.0	22.0		18.67		0.0	19.5
		1	25		20.35		2.0	22.0		18.37		0.0	19.5
		1	49		20.09		2.0	22.0		18.78		0.0	19.5
		25	0		19.25		3.0	21.0		18.59		0.0	19.5
		25	12		19.06		3.0	21.0		18.58		0.0	19.5
		25	25		19.19		3.0	21.0		18.51		0.0	19.5
		50	0		19.22		3.0	21.0		18.53		0.0	19.5
	256QAM	1	0		17.65		5.0	19.0		17.72		1.5	18.0
		1	25		17.36		5.0	19.0		17.74		1.5	18.0
		1	49		17.09		5.0	19.0		17.74		1.5	18.0
		25	0		17.04		5.0	19.0		17.69		1.5	18.0
		25	12		17.10		5.0	19.0		17.61		1.5	18.0
		25	25		17.07		5.0	19.0		17.54		1.5	18.0
		50	0		17.05		5.0	19.0		17.58		1.5	18.0

BW (MHz)	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit	Measured Pwr (dBm)			MPR	Tune-up Limit
				27685	27710	27735			27685	27710	27735		
				2307.5 MHz	2310 MHz	2312.5 MHz			2307.5 MHz	2310 MHz	2312.5 MHz		
5 MHz	QPSK	1	0		22.16		0.0	24.0		18.51		0.0	19.5
		1	12		22.16		0.0	24.0		18.50		0.0	19.5
		1	24		22.16		0.0	24.0		18.37		0.0	19.5
		12	0		21.14		1.0	23.0		18.53		0.0	19.5
		12	7		21.12		1.0	23.0		18.56		0.0	19.5
		12	13		21.21		1.0	23.0		18.46		0.0	19.5
		25	0		21.10		1.0	23.0		18.52		0.0	19.5
	16QAM	1	0		21.27		1.0	23.0		18.73		0.0	19.5
		1	12		21.22		1.0	23.0		18.76		0.0	19.5
		1	24		21.26		1.0	23.0		18.34		0.0	19.5
		12	0		20.30		2.0	22.0		18.45		0.0	19.5
		12	7		20.10		2.0	22.0		18.60		0.0	19.5
		12	13		20.32		2.0	22.0		18.49		0.0	19.5
		25	0		20.15		2.0	22.0		18.45		0.0	19.5
	64QAM	1	0		19.99		2.0	22.0		18.70		0.0	19.5
		1	12		20.28		2.0	22.0		18.97		0.0	19.5
		1	24		20.20		2.0	22.0		18.79		0.0	19.5
		12	0		19.11		3.0	21.0		18.57		0.0	19.5
		12	7		19.24		3.0	21.0		18.51		0.0	19.5
		12	13		18.98		3.0	21.0		18.60		0.0	19.5
		25	0		19.13		3.0	21.0		18.51		0.0	19.5
	256QAM	1	0		17.15		5.0	19.0		17.94		1.5	18.0
		1	12		17.62		5.0	19.0		17.50		1.5	18.0
		1	24		17.31		5.0	19.0		17.84		1.5	18.0
		12	0		17.10		5.0	19.0		17.58		1.5	18.0
		12	7		17.18		5.0	19.0		17.60		1.5	18.0
		12	13		17.17		5.0	19.0		17.60		1.5	18.0
		25	0		17.08		5.0	19.0		17.61		1.5	18.0

LTE Band 7 (Main2) Measured Results

BW (MHz)	Mode	RB Allocation	RB offset	Maximum Allowed Average Power (dBm)					Maximum Allowed Average Power (dBm)				
				DSI = 3					DSI = 0, 4, 5				
				Measured Pwr (dBm)			MPR	Tune-up Limit	Measured Pwr (dBm)			MPR	Tune-up Limit
				20850	21100	21350			20850	21100	21350		
				2510 MHz	2535 MHz	2560 MHz			2510 MHz	2535 MHz	2560 MHz		
20 MHz	QPSK	1	0	23.38	**23.92**	23.27	0.0	25.0	16.24	**16.44**	16.29	0.0	18.0
		1	49	23.53	23.76	23.49	0.0	25.0	16.12	16.24	16.40	0.0	18.0
		1	99	23.66	23.61	23.51	0.0	25.0	15.89	16.13	16.10	0.0	18.0
		50	0	22.54	**22.93**	22.39	1.0	24.0	16.10	**16.43**	16.28	0.0	18.0
		50	24	22.64	22.90	22.62	1.0	24.0	16.22	16.29	16.41	0.0	18.0
		50	50	22.64	22.88	22.82	1.0	24.0	16.19	16.30	16.31	0.0	18.0
		100	0	22.68	22.86	22.66	1.0	24.0	16.20	16.40	16.39	0.0	18.0
	16QAM	1	0	22.42	22.63	21.92	1.0	24.0	15.64	16.34	16.54	0.0	18.0
		1	49	23.06	23.14	22.87	1.0	24.0	16.03	16.35	16.55	0.0	18.0
		1	99	22.71	22.72	22.90	1.0	24.0	16.12	16.39	16.14	0.0	18.0
		50	0	21.64	21.97	21.43	2.0	23.0	16.17	16.34	16.30	0.0	18.0
		50	24	21.65	21.89	21.71	2.0	23.0	16.21	16.32	16.28	0.0	18.0
		50	50	21.65	21.97	21.89	2.0	23.0	16.15	16.36	16.27	0.0	18.0
		100	0	21.73	21.90	21.77	2.0	23.0	16.20	16.28	16.33	0.0	18.0
	64QAM	1	0	22.74	22.03	21.14	2.0	23.0	15.94	16.35	16.55	0.0	18.0
		1	49	22.59	22.13	21.74	2.0	23.0	16.12	16.58	16.38	0.0	18.0
		1	99	22.44	21.83	21.98	2.0	23.0	16.13	15.80	16.39	0.0	18.0
		50	0	21.56	20.92	20.58	3.0	22.0	16.10	16.30	16.28	0.0	18.0
		50	24	21.68	20.94	20.88	3.0	22.0	16.19	16.29	16.38	0.0	18.0
		50	50	21.73	20.95	21.05	3.0	22.0	16.17	16.31	16.30	0.0	18.0
		100	0	21.61	20.90	20.90	3.0	22.0	16.21	16.27	16.37	0.0	18.0
	256QAM	1	0	18.76	19.05	19.08	5.0	20.0	16.24	16.23	16.36	0.0	18.0
		1	49	18.50	19.16	19.04	5.0	20.0	16.32	16.33	16.09	0.0	18.0
		1	99	18.86	18.47	19.49	5.0	20.0	16.48	16.40	16.34	0.0	18.0
		50	0	18.54	18.96	18.80	5.0	20.0	16.09	16.28	16.31	0.0	18.0
		50	24	18.68	18.92	18.92	5.0	20.0	16.21	16.26	16.28	0.0	18.0
		50	50	18.62	18.89	19.05	5.0	20.0	16.23	16.30	16.30	0.0	18.0
		100	0	18.63	18.89	18.98	5.0	20.0	16.17	16.27	16.38	0.0	18.0

BW (MHz)	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit	Measured Pwr (dBm)			MPR	Tune-up Limit
				20825	21100	21375			20825	21100	21375		
				2507.5 MHz	2535 MHz	2562.5 MHz			2507.5 MHz	2535 MHz	2562.5 MHz		
15 MHz	QPSK	1	0	23.34	23.82	23.11	0.0	25.0	16.21	16.18	16.26	0.0	18.0
		1	37	23.20	23.89	23.51	0.0	25.0	16.17	16.18	16.21	0.0	18.0
		1	74	23.02	23.37	23.39	0.0	25.0	16.06	15.96	16.04	0.0	18.0
		36	0	22.43	22.91	22.43	1.0	24.0	16.22	16.31	16.27	0.0	18.0
		36	20	22.38	22.95	22.68	1.0	24.0	16.19	16.28	16.22	0.0	18.0
		36	39	22.28	22.88	22.72	1.0	24.0	16.17	16.32	16.32	0.0	18.0
		75	0	22.44	22.86	22.66	1.0	24.0	16.13	16.31	16.25	0.0	18.0
	16QAM	1	0	22.47	22.93	22.36	1.0	24.0	15.57	16.52	16.37	0.0	18.0
		1	37	22.11	23.22	22.63	1.0	24.0	16.21	16.13	15.97	0.0	18.0
		1	74	22.31	22.77	22.65	1.0	24.0	16.18	16.22	16.51	0.0	18.0
		36	0	21.50	21.97	21.55	2.0	23.0	16.06	16.32	16.29	0.0	18.0
		36	20	21.52	21.86	21.75	2.0	23.0	16.15	16.25	16.27	0.0	18.0
		36	39	21.41	21.98	21.82	2.0	23.0	16.15	16.33	16.21	0.0	18.0
		75	0	21.57	21.97	21.79	2.0	23.0	16.14	16.22	16.23	0.0	18.0
	64QAM	1	0	21.28	22.15	21.44	2.0	23.0	15.98	16.16	16.49	0.0	18.0
		1	37	21.07	22.57	22.07	2.0	23.0	16.42	16.52	16.59	0.0	18.0
		1	74	21.50	21.56	21.91	2.0	23.0	16.05	16.56	16.23	0.0	18.0
		36	0	20.53	20.89	20.69	3.0	22.0	15.97	16.35	16.23	0.0	18.0
		36	20	20.71	20.87	20.90	3.0	22.0	16.16	16.28	16.32	0.0	18.0
		36	39	20.54	20.86	20.95	3.0	22.0	16.12	16.31	16.34	0.0	18.0
		75	0	20.58	20.92	20.90	3.0	22.0	16.15	16.30	16.30	0.0	18.0
	256QAM	1	0	18.68	18.95	18.54	5.0	20.0	15.96	16.88	16.68	0.0	18.0
		1	37	18.92	18.80	18.92	5.0	20.0	15.84	16.80	16.35	0.0	18.0
		1	74	18.61	18.95	19.05	5.0	20.0	16.20	16.00	16.26	0.0	18.0
		36	0	18.51	18.75	18.89	5.0	20.0	15.99	16.32	16.25	0.0	18.0
		36	20	18.60	18.91	19.04	5.0	20.0	16.14	16.22	16.29	0.0	18.0
		36	39	18.60	18.86	19.03	5.0	20.0	16.13	16.39	16.25	0.0	18.0
		75	0	18.54	18.88	19.03	5.0	20.0	16.12	16.26	16.21	0.0	18.0

LTE Band 7 (Main2) Measured Results_(Continued)

BW (MHz)	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit	Measured Pwr (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	23.25	23.99	23.50	0.0	25.0	16.02	16.38	16.30	0.0	18.0
		1	25	23.27	23.92	23.64	0.0	25.0	16.09	16.45	16.36	0.0	18.0
		1	49	23.03	23.58	23.31	0.0	25.0	16.07	16.38	16.38	0.0	18.0
		25	0	22.44	22.99	22.78	1.0	24.0	16.13	16.36	16.40	0.0	18.0
		25	12	22.45	23.10	22.82	1.0	24.0	16.22	16.44	16.50	0.0	18.0
		25	25	22.37	22.98	22.74	1.0	24.0	16.27	16.41	16.41	0.0	18.0
		50	0	22.50	23.03	22.85	1.0	24.0	16.21	16.43	16.45	0.0	18.0
	16QAM	1	0	22.33	23.02	22.31	1.0	24.0	16.34	16.71	16.53	0.0	18.0
		1	25	22.34	22.89	22.43	1.0	24.0	16.36	16.95	16.34	0.0	18.0
		1	49	22.18	22.79	22.34	1.0	24.0	16.34	16.57	16.46	0.0	18.0
		25	0	21.59	21.92	21.87	2.0	23.0	16.17	16.43	16.38	0.0	18.0
		25	12	21.58	22.02	21.89	2.0	23.0	16.22	16.34	16.54	0.0	18.0
		25	25	21.48	22.13	21.86	2.0	23.0	16.21	16.45	16.43	0.0	18.0
		50	0	21.64	21.99	22.00	2.0	23.0	16.21	16.40	16.49	0.0	18.0
	64QAM	1	0	21.77	21.95	21.44	2.0	23.0	16.45	16.25	16.83	0.0	18.0
		1	25	21.25	22.07	21.65	2.0	23.0	16.40	16.65	16.63	0.0	18.0
		1	49	21.17	22.11	21.56	2.0	23.0	16.25	16.45	16.79	0.0	18.0
		25	0	20.69	21.05	20.98	3.0	22.0	16.23	16.41	16.39	0.0	18.0
		25	12	20.71	21.07	21.03	3.0	22.0	16.20	16.51	16.51	0.0	18.0
		25	25	20.58	21.06	21.00	3.0	22.0	16.28	16.42	16.55	0.0	18.0
		50	0	20.69	21.02	21.15	3.0	22.0	16.26	16.35	16.46	0.0	18.0
	256QAM	1	0	18.89	19.14	19.20	5.0	20.0	16.24	16.53	16.38	0.0	18.0
		1	25	18.72	18.82	19.67	5.0	20.0	16.63	16.64	16.23	0.0	18.0
		1	49	18.38	18.78	19.25	5.0	20.0	16.28	16.88	16.81	0.0	18.0
		25	0	18.60	18.91	19.19	5.0	20.0	16.16	16.41	16.34	0.0	18.0
		25	12	18.64	18.98	19.27	5.0	20.0	16.28	16.43	16.53	0.0	18.0
		25	25	18.63	19.10	19.13	5.0	20.0	16.21	16.47	16.50	0.0	18.0
		50	0	18.64	19.06	19.22	5.0	20.0	16.26	16.39	16.51	0.0	18.0
BW (MHz)	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit	Measured Pwr (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	23.20	24.01	23.75	0.0	25.0	16.13	16.39	16.41	0.0	18.0
		1	12	23.19	23.83	23.57	0.0	25.0	16.16	16.35	16.44	0.0	18.0
		1	24	23.12	23.78	23.31	0.0	25.0	16.04	16.35	16.46	0.0	18.0
		12	0	22.36	22.97	22.80	1.0	24.0	16.11	16.31	16.35	0.0	18.0
		12	7	22.37	22.99	22.73	1.0	24.0	16.20	16.42	16.39	0.0	18.0
		12	13	22.39	22.98	22.70	1.0	24.0	16.15	16.41	16.43	0.0	18.0
		25	0	22.37	22.97	22.72	1.0	24.0	16.22	16.33	16.43	0.0	18.0
	16QAM	1	0	22.36	23.11	22.66	1.0	24.0	16.26	16.38	16.55	0.0	18.0
		1	12	22.41	23.05	22.47	1.0	24.0	16.34	16.57	16.60	0.0	18.0
		1	24	22.36	22.77	22.68	1.0	24.0	16.35	16.31	16.52	0.0	18.0
		12	0	21.48	22.12	21.92	2.0	23.0	16.10	16.44	16.54	0.0	18.0
		12	7	21.51	22.16	21.91	2.0	23.0	16.15	16.52	16.33	0.0	18.0
		12	13	21.60	22.00	21.83	2.0	23.0	16.16	16.43	16.47	0.0	18.0
		25	0	21.49	22.00	21.84	2.0	23.0	16.19	16.36	16.37	0.0	18.0
	64QAM	1	0	21.43	21.99	21.77	2.0	23.0	16.18	16.48	16.60	0.0	18.0
		1	12	21.33	22.53	22.02	2.0	23.0	16.40	16.59	16.69	0.0	18.0
		1	24	21.42	22.23	21.56	2.0	23.0	16.05	16.44	16.89	0.0	18.0
		12	0	20.63	21.07	20.94	3.0	22.0	16.09	16.37	16.33	0.0	18.0
		12	7	20.58	21.17	20.91	3.0	22.0	16.32	16.25	16.37	0.0	18.0
		12	13	20.59	21.01	20.99	3.0	22.0	16.20	16.38	16.45	0.0	18.0
		25	0	20.62	21.11	21.01	3.0	22.0	16.07	16.35	16.31	0.0	18.0
	256QAM	1	0	18.59	19.05	19.24	5.0	20.0	16.00	16.26	16.49	0.0	18.0
		1	12	18.71	19.05	18.98	5.0	20.0	16.16	16.20	16.58	0.0	18.0
		1	24	18.80	19.23	19.47	5.0	20.0	16.43	16.60	16.44	0.0	18.0
		12	0	18.58	18.97	19.21	5.0	20.0	16.04	16.32	16.37	0.0	18.0
		12	7	18.59	19.02	19.29	5.0	20.0	16.12	16.30	16.39	0.0	18.0
		12	13	18.54	19.12	19.29	5.0	20.0	16.20	16.54	16.39	0.0	18.0
		25	0	18.58	19.04	19.08	5.0	20.0	16.08	16.39	16.38	0.0	18.0

LTE Band 7 (Sub.2) Measured Results

BW (MHz)	Mode	RB Allocation	RB offset	Maximum Allowed Average Power (dBm)					Maximum Allowed Average Power (dBm)				
				DSI = 3					DSI = 0, 4, 5				
				Measured Pwr (dBm)			MPR	Tune-up Limit	Measured Pwr (dBm)			MPR	Tune-up Limit
				20850	21100	21350			20850	21100	21350		
				2510 MHz	2535 MHz	2560 MHz			2510 MHz	2535 MHz	2560 MHz		
20 MHz	QPSK	1	0	18.01	18.60	18.34	0.0	19.5	17.65	17.89	17.76	0.0	19.0
		1	49	18.24	18.48	18.47	0.0	19.5	17.55	17.63	17.60	0.0	19.0
		1	99	18.25	18.24	18.27	0.0	19.5	17.74	17.56	17.74	0.0	19.0
		50	0	18.20	18.52	18.50	0.0	19.5	17.77	17.91	17.82	0.0	19.0
		50	24	18.39	18.50	18.48	0.0	19.5	17.69	17.76	17.87	0.0	19.0
		50	50	18.42	18.42	18.44	0.0	19.5	17.30	17.76	17.86	0.0	19.0
		100	0	18.34	18.44	18.49	0.0	19.5	17.63	17.78	17.83	0.0	19.0
	16QAM	1	0	18.24	18.45	18.36	0.0	19.5	17.64	18.04	17.90	0.0	19.0
		1	49	18.66	18.58	18.27	0.0	19.5	17.46	17.93	17.86	0.0	19.0
		1	99	18.32	18.44	18.57	0.0	19.5	17.71	18.13	18.00	0.0	19.0
		50	0	18.16	18.48	18.46	0.0	19.5	17.74	17.91	17.90	0.0	19.0
		50	24	18.43	18.47	18.54	0.0	19.5	17.63	17.76	17.90	0.0	19.0
		50	50	18.43	18.45	18.55	0.0	19.5	17.70	17.74	17.87	0.0	19.0
		100	0	18.33	18.43	18.46	0.0	19.5	17.71	17.83	17.89	0.0	19.0
	64QAM	1	0	18.23	18.40	18.37	0.0	19.5	17.22	17.48	17.67	0.0	19.0
		1	49	18.46	18.62	18.31	0.0	19.5	17.91	17.73	17.88	0.0	19.0
		1	99	18.70	18.42	18.41	0.0	19.5	17.81	17.54	18.14	0.0	19.0
		50	0	18.22	18.54	18.49	0.0	19.5	17.91	17.93	17.88	0.0	19.0
		50	24	18.48	18.51	18.48	0.0	19.5	17.87	17.85	17.89	0.0	19.0
		50	50	18.42	18.36	18.52	0.0	19.5	17.75	17.76	17.87	0.0	19.0
		100	0	18.34	18.43	18.55	0.0	19.5	17.86	17.87	17.92	0.0	19.0
	256QAM	1	0	18.37	18.38	18.19	0.0	19.5	17.82	18.09	17.91	0.0	19.0
		1	49	18.67	18.62	18.57	0.0	19.5	17.80	17.62	17.86	0.0	19.0
		1	99	18.61	18.55	18.75	0.0	19.5	17.52	17.75	18.02	0.0	19.0
		50	0	18.27	18.51	18.54	0.0	19.5	17.83	17.79	17.87	0.0	19.0
		50	24	18.43	18.51	18.43	0.0	19.5	17.79	17.93	17.81	0.0	19.0
		50	50	18.43	18.35	18.53	0.0	19.5	17.68	17.88	17.88	0.0	19.0
		100	0	18.38	18.43	18.56	0.0	19.5	17.77	17.84	17.88	0.0	19.0

BW (MHz)	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit	Measured Pwr (dBm)			MPR	Tune-up Limit
				20825	21100	21375			20825	21100	21375		
				2507.5 MHz	2535 MHz	2562.5 MHz			2507.5 MHz	2535 MHz	2562.5 MHz		
15 MHz	QPSK	1	0	18.30	18.64	18.87	0.0	19.5	17.48	17.99	18.16	0.0	19.0
		1	37	18.58	18.63	18.94	0.0	19.5	17.76	17.99	18.21	0.0	19.0
		1	74	18.61	18.63	18.91	0.0	19.5	17.91	18.01	18.19	0.0	19.0
		36	0	18.46	18.73	18.92	0.0	19.5	17.72	18.05	18.27	0.0	19.0
		36	20	18.63	18.74	18.97	0.0	19.5	17.85	18.06	18.28	0.0	19.0
		36	39	18.65	18.66	18.92	0.0	19.5	17.88	18.03	18.27	0.0	19.0
		75	0	18.65	18.74	18.99	0.0	19.5	17.88	18.06	18.29	0.0	19.0
	16QAM	1	0	18.57	19.04	19.25	0.0	19.5	17.94	18.22	18.48	0.0	19.0
		1	37	18.87	18.96	19.31	0.0	19.5	18.22	18.34	18.52	0.0	19.0
		1	74	18.91	19.03	19.27	0.0	19.5	18.23	18.26	18.51	0.0	19.0
		36	0	18.51	18.76	18.97	0.0	19.5	17.80	18.13	18.30	0.0	19.0
		36	20	18.67	18.77	19.03	0.0	19.5	17.93	18.14	18.35	0.0	19.0
		36	39	18.70	18.68	18.96	0.0	19.5	17.97	18.06	18.35	0.0	19.0
		75	0	18.68	18.80	19.04	0.0	19.5	17.95	18.11	18.36	0.0	19.0
	64QAM	1	0	18.43	19.00	19.13	0.0	19.5	17.78	18.37	18.48	0.0	19.0
		1	37	18.78	18.95	19.18	0.0	19.5	18.08	18.43	18.53	0.0	19.0
		1	74	18.81	19.08	19.22	0.0	19.5	18.13	18.39	18.50	0.0	19.0
		36	0	18.47	18.78	19.01	0.0	19.5	17.90	18.19	18.36	0.0	19.0
		36	20	18.63	18.78	19.04	0.0	19.5	18.06	18.19	18.43	0.0	19.0
		36	39	18.67	18.74	18.99	0.0	19.5	18.08	18.12	18.36	0.0	19.0
		75	0	18.68	18.80	19.04	0.0	19.5	18.05	18.16	18.41	0.0	19.0
	256QAM	1	0	18.49	18.82	19.06	0.0	19.5	17.91	18.15	18.43	0.0	19.0
		1	37	18.79	18.77	19.18	0.0	19.5	18.09	18.18	18.51	0.0	19.0
		1	74	18.87	18.85	19.16	0.0	19.5	18.20	18.23	18.53	0.0	19.0
		36	0	18.54	18.75	18.99	0.0	19.5	17.88	18.16	18.36	0.0	19.0
		36	20	18.71	18.77	19.04	0.0	19.5	18.01	18.16	18.41	0.0	19.0
		36	39	18.72	18.72	19.01	0.0	19.5	18.06	18.09	18.36	0.0	19.0
		75	0	18.69	18.78	19.03	0.0	19.5	18.03	18.16	18.40	0.0	19.0

LTE Band 7 (Sub.2) Measured Results (Continued)

BW (MHz)	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit	Measured Pwr (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	18.47	18.84	19.07	0.0	19.5	17.67	18.17	18.38	0.0	19.0
		1	25	18.71	18.85	19.15	0.0	19.5	17.90	18.22	18.47	0.0	19.0
		1	49	18.84	18.85	19.09	0.0	19.5	18.04	18.18	18.39	0.0	19.0
		25	0	18.58	18.88	19.14	0.0	19.5	17.89	18.24	18.44	0.0	19.0
		25	12	18.61	18.92	19.16	0.0	19.5	17.88	18.25	18.48	0.0	19.0
		25	25	18.72	18.82	19.15	0.0	19.5	17.96	18.14	18.51	0.0	19.0
		50	0	18.62	18.90	19.13	0.0	19.5	17.88	18.22	18.46	0.0	19.0
	16QAM	1	0	18.82	19.28	19.42	0.0	19.5	18.13	18.54	18.74	0.0	19.0
		1	25	18.99	19.23	19.38	0.0	19.5	18.31	18.49	18.84	0.0	19.0
		1	49	19.16	19.31	19.47	0.0	19.5	18.47	18.52	18.80	0.0	19.0
		25	0	18.65	18.94	19.14	0.0	19.5	17.93	18.27	18.50	0.0	19.0
		25	12	18.69	18.95	19.19	0.0	19.5	17.98	18.29	18.51	0.0	19.0
		25	25	18.76	18.88	19.19	0.0	19.5	18.06	18.21	18.52	0.0	19.0
		50	0	18.64	18.91	19.15	0.0	19.5	17.92	18.26	18.46	0.0	19.0
	64QAM	1	0	18.60	19.19	19.36	0.0	19.5	18.00	18.44	18.65	0.0	19.0
		1	25	18.82	19.17	19.39	0.0	19.5	18.28	18.55	18.78	0.0	19.0
		1	49	18.99	19.18	19.40	0.0	19.5	18.39	18.44	18.70	0.0	19.0
		25	0	18.59	18.95	19.16	0.0	19.5	18.00	18.34	18.55	0.0	19.0
		25	12	18.64	18.93	19.22	0.0	19.5	18.02	18.36	18.60	0.0	19.0
		25	25	18.72	18.85	19.19	0.0	19.5	18.07	18.26	18.61	0.0	19.0
		50	0	18.63	18.91	19.15	0.0	19.5	17.98	18.29	18.56	0.0	19.0
	256QAM	1	0	18.60	19.02	19.24	0.0	19.5	18.02	18.41	18.57	0.0	19.0
		1	25	18.83	19.11	19.32	0.0	19.5	18.21	18.43	18.73	0.0	19.0
		1	49	18.88	19.06	19.16	0.0	19.5	18.32	18.35	18.59	0.0	19.0
		25	0	18.59	18.92	19.12	0.0	19.5	17.99	18.27	18.49	0.0	19.0
		25	12	18.66	18.95	19.21	0.0	19.5	18.04	18.30	18.60	0.0	19.0
		25	25	18.74	18.87	19.16	0.0	19.5	18.13	18.21	18.56	0.0	19.0
		50	0	18.63	18.92	19.12	0.0	19.5	18.02	18.27	18.52	0.0	19.0

BW (MHz)	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit	Measured Pwr (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	18.24	18.85	19.11	0.0	19.5	17.63	18.16	18.44	0.0	19.0
		1	12	18.53	18.89	19.14	0.0	19.5	17.84	18.18	18.51	0.0	19.0
		1	24	18.48	18.80	19.09	0.0	19.5	17.82	18.10	18.41	0.0	19.0
		12	0	18.45	18.85	19.11	0.0	19.5	17.79	18.17	18.43	0.0	19.0
		12	7	18.56	18.88	19.18	0.0	19.5	17.89	18.22	18.48	0.0	19.0
		12	13	18.47	18.87	19.13	0.0	19.5	17.80	18.17	18.46	0.0	19.0
		25	0	18.51	18.88	19.10	0.0	19.5	17.83	18.17	18.43	0.0	19.0
	16QAM	1	0	18.85	19.20	19.32	0.0	19.5	18.19	18.54	18.73	0.0	19.0
		1	12	18.99	19.25	19.38	0.0	19.5	18.39	18.59	18.87	0.0	19.0
		1	24	18.99	19.24	19.33	0.0	19.5	18.34	18.51	18.76	0.0	19.0
		12	0	18.60	18.97	19.20	0.0	19.5	17.91	18.20	18.53	0.0	19.0
		12	7	18.65	18.98	19.26	0.0	19.5	17.99	18.25	18.59	0.0	19.0
		12	13	18.60	18.93	19.23	0.0	19.5	17.92	18.22	18.56	0.0	19.0
		25	0	18.64	18.88	19.18	0.0	19.5	17.95	18.25	18.49	0.0	19.0
	64QAM	1	0	18.45	19.13	19.38	0.0	19.5	17.86	18.55	18.72	0.0	19.0
		1	12	18.72	19.19	19.43	0.0	19.5	18.15	18.66	18.83	0.0	19.0
		1	24	18.75	19.16	19.40	0.0	19.5	18.08	18.52	18.76	0.0	19.0
		12	0	18.49	18.90	19.13	0.0	19.5	17.81	18.25	18.58	0.0	19.0
		12	7	18.60	18.90	19.26	0.0	19.5	17.92	18.30	18.65	0.0	19.0
		12	13	18.51	18.91	19.22	0.0	19.5	17.85	18.35	18.59	0.0	19.0
		25	0	18.47	18.88	19.15	0.0	19.5	17.91	18.24	18.50	0.0	19.0
	256QAM	1	0	18.50	18.94	19.20	0.0	19.5	17.87	18.38	18.56	0.0	19.0
		1	12	18.69	19.07	19.30	0.0	19.5	18.13	18.40	18.65	0.0	19.0
		1	24	18.60	18.97	19.18	0.0	19.5	17.98	18.29	18.56	0.0	19.0
		12	0	18.54	18.92	19.14	0.0	19.5	17.90	18.23	18.50	0.0	19.0
		12	7	18.56	18.95	19.19	0.0	19.5	17.97	18.27	18.56	0.0	19.0
		12	13	18.49	18.87	19.14	0.0	19.5	17.92	18.24	18.54	0.0	19.0
		25	0	18.54	18.88	19.15	0.0	19.5	17.96	18.23	18.52	0.0	19.0

LTE Band 41 (Main2) Measured Results

BW (MHz)	Mode	RB Allocation	RB offset	Maximum Allowed Average Power (dBm)							Maximum Allowed Average Power (dBm)						
				DSI = 3							DSI = 0, 4, 5						
				Measured Pwr (dBm)					MPR	Tune-up Limit	Measured Pwr (dBm)					MPR	Tune-up Limit
				39750	40185	40620	41055	41490			39750	40185	40620	41055	41490		
				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	23.44	23.57	23.75	24.05	24.18	0.0	25.0	17.63	18.02	18.31	18.50	18.56	0.0	19.5
		1	49	23.12	23.78	23.69	23.98	24.16	0.0	25.0	17.67	17.87	18.24	18.07	18.40	0.0	19.5
		1	99	23.22	23.55	23.86	23.96	24.12	0.0	25.0	17.54	17.93	18.22	18.08	18.28	0.0	19.5
		50	0	23.10	22.72	22.83	22.98	23.30	1.0	24.0	17.76	17.96	18.21	18.15	18.51	0.0	19.5
		50	24	22.37	22.75	22.92	23.13	23.18	1.0	24.0	17.81	18.12	18.23	18.15	18.42	0.0	19.5
		50	50	22.32	22.71	22.89	23.02	23.29	1.0	24.0	17.63	18.01	18.30	18.15	18.50	0.0	19.5
		100	0	22.28	22.73	22.88	23.10	23.23	1.0	24.0	17.72	18.01	18.24	18.06	18.39	0.0	19.5
	16QAM	1	0	22.45	22.93	22.77	22.73	23.41	1.0	24.0	17.88	17.87	17.95	18.09	18.22	0.0	19.5
		1	49	22.46	22.72	22.96	23.16	23.74	1.0	24.0	17.52	17.47	18.06	18.03	18.09	0.0	19.5
		1	99	22.48	22.55	23.32	22.93	23.35	1.0	24.0	17.41	18.05	18.05	18.38	18.49	0.0	19.5
		50	0	21.31	21.77	21.84	22.01	22.18	2.0	23.0	17.73	18.11	18.28	18.14	18.35	0.0	19.5
		50	24	21.42	21.92	21.94	21.98	22.20	2.0	23.0	17.72	18.06	18.29	18.20	18.36	0.0	19.5
		50	50	21.33	21.73	21.93	22.05	22.28	2.0	23.0	17.56	17.92	18.33	18.21	18.41	0.0	19.5
		100	0	21.38	21.81	21.94	22.12	22.24	2.0	23.0	17.75	18.15	18.28	18.14	18.30	0.0	19.5
	64QAM	1	0	21.84	21.99	21.68	22.15	22.35	2.0	23.0	17.75	17.80	18.13	18.32	18.73	0.0	19.5
		1	49	21.55	21.77	22.11	21.90	22.55	2.0	23.0	17.53	17.59	18.33	17.95	18.38	0.0	19.5
		1	99	21.39	21.89	22.07	21.85	22.47	2.0	23.0	17.26	17.64	18.29	18.26	18.28	0.0	19.5
		50	0	20.29	20.83	20.87	20.98	21.17	3.0	22.0	17.68	18.00	18.17	18.04	18.26	0.0	19.5
		50	24	20.38	20.85	20.95	20.96	21.30	3.0	22.0	17.79	18.02	18.23	18.08	18.31	0.0	19.5
		50	50	20.32	20.72	20.81	21.00	21.33	3.0	22.0	17.66	18.11	18.21	18.12	18.43	0.0	19.5
		100	0	20.37	20.69	20.83	21.22	21.29	3.0	22.0	17.81	18.12	18.20	18.10	18.26	0.0	19.5
	256QAM	1	0	18.51	18.60	18.89	18.70	19.22	5.0	20.0	17.45	17.65	18.28	17.71	17.92	0.0	19.5
		1	49	18.35	18.63	19.05	18.67	19.25	5.0	20.0	17.66	18.11	17.71	17.67	18.56	0.0	19.5
		1	99	18.83	18.80	19.09	18.63	19.11	5.0	20.0	17.20	17.90	18.18	18.29	17.83	0.0	19.5
		50	0	18.16	18.78	18.79	18.98	19.13	5.0	20.0	17.72	17.88	18.23	18.12	18.43	0.0	19.5
		50	24	18.41	18.85	18.80	19.14	19.20	5.0	20.0	17.75	18.07	18.22	18.06	18.34	0.0	19.5
		50	50	18.24	18.67	18.84	19.02	19.32	5.0	20.0	17.74	18.01	18.19	18.14	18.54	0.0	19.5
		100	0	18.38	18.73	18.84	19.11	19.19	5.0	20.0	17.84	18.08	18.23	18.14	18.31	0.0	19.5
BW (MHz)	Mode	RB Allocation	RB offset	Measured Pwr (dBm)					MPR	Tune-up Limit	Measured Pwr (dBm)					MPR	Tune-up Limit
				39750	40185	40620	41055	41490			39750	40185	40620	41055	41490		
				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	23.00	23.77	23.73	23.92	23.84	0.0	25.0	17.74	17.87	18.14	18.07	18.31	0.0	19.5
		1	37	22.97	23.64	23.98	24.09	23.06	0.0	25.0	17.51	17.85	18.19	18.17	18.28	0.0	19.5
		1	74	23.23	23.72	24.00	23.80	23.19	0.0	25.0	17.64	17.80	18.22	17.93	18.39	0.0	19.5
		36	0	22.09	22.78	22.95	23.02	22.49	1.0	24.0	17.79	17.89	18.29	18.11	18.34	0.0	19.5
		36	20	22.12	22.73	22.94	23.13	22.20	1.0	24.0	17.79	17.99	18.20	18.10	18.39	0.0	19.5
		36	39	22.11	22.78	22.96	23.01	22.18	1.0	24.0	17.80	18.09	18.36	18.17	18.47	0.0	19.5
		75	0	22.03	22.91	22.95	23.14	22.31	1.0	24.0	17.73	17.99	18.10	18.14	18.38	0.0	19.5
	16QAM	1	0	22.02	22.84	22.88	22.86	22.55	1.0	24.0	17.35	17.92	18.22	18.29	18.24	0.0	19.5
		1	37	22.39	22.51	23.23	22.87	21.74	1.0	24.0	17.53	17.96	18.12	18.04	18.01	0.0	19.5
		1	74	22.43	22.45	23.02	22.68	22.29	1.0	24.0	17.51	18.38	18.32	18.13	18.56	0.0	19.5
		36	0	20.95	21.85	22.01	22.13	21.57	2.0	23.0	17.69	17.96	18.26	18.07	18.28	0.0	19.5
		36	20	21.13	21.86	22.01	22.06	21.30	2.0	23.0	17.83	18.12	18.19	18.04	18.52	0.0	19.5
		36	39	21.16	21.80	22.00	22.01	21.28	2.0	23.0	17.64	17.93	18.30	18.24	18.44	0.0	19.5
		75	0	21.15	21.78	21.98	22.13	21.39	2.0	23.0	17.77	18.01	18.29	18.13	18.30	0.0	19.5
	64QAM	1	0	21.34	21.32	21.92	21.71	21.94	2.0	23.0	17.65	17.86	17.91	18.35	18.07	0.0	19.5
		1	37	20.86	22.02	22.03	22.48	21.08	2.0	23.0	17.79	18.25	18.39	18.10	18.30	0.0	19.5
		1	74	21.24	21.72	21.70	22.09	21.36	2.0	23.0	17.21	17.92	18.64	18.00	18.68	0.0	19.5
		36	0	20.09	20.79	20.84	20.92	20.61	3.0	22.0	17.78	17.98	18.24	18.21	18.33	0.0	19.5
		36	20	20.16	20.88	20.95	21.13	20.38	3.0	22.0	17.75	18.06	18.12	17.97	18.34	0.0	19.5
		36	39	20.06	20.73	20.90	21.02	20.30	3.0	22.0	17.79	18.07	18.40	18.19	18.36	0.0	19.5
		75	0	20.20	20.86	20.87	21.11	20.48	3.0	22.0	17.80	18.06	18.16	18.10	18.30	0.0	19.5
	256QAM	1	0	17.92	18.53	19.12	18.80	18.96	5.0	20.0	17.85	17.59	18.28	18.18	18.40	0.0	19.5
		1	37	18.33	18.43	18.77	18.53	18.18	5.0	20.0	17.60	17.96	18.49	18.15	18.16	0.0	19.5
		1	74	18.46	18.78	19.11	19.02	18.75	5.0	20.0	17.68	17.98	17.86	18.06	18.37	0.0	19.5
		36	0	17.97	18.81	18.84	19.13	18.71	5.0	20.0	17.73	17.97	18.33	18.09	18.33	0.0	19.5
		36	20	18.23	18.94	18.97	19.16	18.45	5.0	20.0	17.76	18.07	18.24	18.14	18.43	0.0	19.5
		36	39	18.14	18.69	18.88	19.03	18.54	5.0	20.0	17.73	18.09	18.27	18.29	18.35	0.0	19.5
		75	0	18.19	18.87	18.82	19.07	18.66	5.0	20.0	17.65	18.03	18.19	18.10	18.36	0.0	19.5

LTE Band 41 (Main2) Measured Results (Continued)

BW (MHz)	Mode	RB Allocation	RB offset	Measured Pwr (dBm)					MPR	Tune-up Limit	Measured Pwr (dBm)					MPR	Tune-up Limit
				39750	40185	40620	41055	41490			39750	40185	40620	41055	41490		
				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	23.20	23.71	23.88	24.18	23.81	0.0	25.0	17.91	18.07	18.38	18.36	18.51	0.0	19.5
		1	25	23.19	23.93	24.04	24.21	23.06	0.0	25.0	17.98	18.13	18.41	18.25	18.46	0.0	19.5
		1	49	23.33	23.75	23.93	23.97	23.16	0.0	25.0	18.02	18.06	18.22	18.41	18.54	0.0	19.5
		25	0	22.26	22.87	22.98	23.17	22.47	1.0	24.0	18.01	18.08	18.41	18.30	18.43	0.0	19.5
		25	12	22.26	22.97	23.05	23.21	22.27	1.0	24.0	17.89	18.14	18.41	18.31	18.51	0.0	19.5
		25	25	22.20	22.95	23.00	23.20	22.29	1.0	24.0	17.84	18.18	18.38	18.29	18.53	0.0	19.5
		50	0	22.29	23.02	23.06	23.22	22.37	1.0	24.0	17.93	18.18	18.35	18.26	18.42	0.0	19.5
	16QAM	1	0	21.92	22.70	23.10	22.99	22.72	1.0	24.0	17.84	17.77	18.28	18.39	18.19	0.0	19.5
		1	25	22.13	22.88	23.25	23.23	22.38	1.0	24.0	18.04	18.09	18.63	18.27	18.66	0.0	19.5
		1	49	22.35	22.92	23.13	22.73	22.38	1.0	24.0	17.68	18.10	18.18	18.21	18.58	0.0	19.5
		25	0	21.19	21.86	22.00	22.16	21.54	2.0	23.0	17.91	18.12	18.31	18.22	18.37	0.0	19.5
		25	12	21.30	21.98	22.05	22.20	21.33	2.0	23.0	17.95	18.15	18.37	18.23	18.52	0.0	19.5
		25	25	21.35	21.89	22.10	22.13	21.36	2.0	23.0	17.95	18.22	18.41	18.32	18.51	0.0	19.5
		50	0	21.27	21.97	21.99	22.22	21.45	2.0	23.0	18.08	18.18	18.28	18.10	18.43	0.0	19.5
	64QAM	1	0	21.39	21.62	22.14	22.60	21.63	2.0	23.0	18.24	17.98	18.49	18.30	18.47	0.0	19.5
		1	25	21.11	22.08	22.22	22.29	21.26	2.0	23.0	18.22	18.15	18.45	18.20	19.01	0.0	19.5
		1	49	21.21	21.74	22.14	22.32	21.66	2.0	23.0	17.37	18.11	18.80	18.04	18.23	0.0	19.5
		25	0	20.26	20.93	20.97	21.15	20.59	3.0	22.0	17.68	18.09	18.34	18.15	18.44	0.0	19.5
		25	12	20.30	21.04	21.09	21.30	20.44	3.0	22.0	18.00	18.14	18.35	18.20	18.44	0.0	19.5
		25	25	20.21	21.00	21.09	21.17	20.47	3.0	22.0	17.89	18.15	18.45	18.24	18.58	0.0	19.5
		50	0	20.41	20.89	20.98	21.23	20.55	3.0	22.0	17.88	18.19	18.40	18.26	18.49	0.0	19.5
	256QAM	1	0	18.46	18.69	19.18	19.41	19.18	5.0	20.0	17.49	18.09	18.08	17.99	18.43	0.0	19.5
		1	25	18.32	19.46	19.28	19.28	17.95	5.0	20.0	18.03	18.08	18.33	18.57	18.51	0.0	19.5
		1	49	18.07	18.95	19.25	18.66	18.84	5.0	20.0	17.45	18.31	17.95	18.29	18.43	0.0	19.5
		25	0	18.13	18.92	18.93	19.05	18.80	5.0	20.0	17.86	18.14	18.43	18.09	18.52	0.0	19.5
		25	12	18.29	18.83	19.05	19.25	18.60	5.0	20.0	17.95	18.27	18.42	18.31	18.40	0.0	19.5
		25	25	18.19	18.84	19.00	19.28	18.68	5.0	20.0	17.89	18.28	18.43	18.41	18.56	0.0	19.5
		50	0	18.32	18.95	18.99	19.19	18.74	5.0	20.0	17.87	18.24	18.31	18.12	18.36	0.0	19.5

BW (MHz)	Mode	RB Allocation	RB offset	Measured Pwr (dBm)					MPR	Tune-up Limit	Measured Pwr (dBm)					MPR	Tune-up Limit
				39750	40185	40620	41055	41490			39750	40185	40620	41055	41490		
				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	23.03	23.72	23.89	24.14	23.43	0.0	25.0	17.81	18.18	18.36	18.17	18.36	0.0	19.5
		1	12	23.28	23.82	23.94	24.21	23.15	0.0	25.0	17.75	18.23	18.53	18.40	18.47	0.0	19.5
		1	24	23.16	23.80	23.88	24.00	23.07	0.0	25.0	17.76	17.89	18.29	18.24	18.64	0.0	19.5
		12	0	22.09	22.93	22.96	23.16	22.27	1.0	24.0	17.74	18.05	18.35	18.27	18.42	0.0	19.5
		12	7	22.34	23.00	23.05	23.19	22.19	1.0	24.0	17.91	18.19	18.40	18.31	18.49	0.0	19.5
		12	13	22.24	22.98	23.01	23.12	22.18	1.0	24.0	17.93	18.15	18.37	18.34	18.50	0.0	19.5
		25	0	22.19	22.95	22.99	23.24	22.20	1.0	24.0	17.97	18.15	18.36	18.26	18.43	0.0	19.5
	16QAM	1	0	21.90	23.02	23.11	23.03	22.45	1.0	24.0	17.81	18.14	18.18	18.42	18.38	0.0	19.5
		1	12	22.15	22.69	23.22	23.03	21.74	1.0	24.0	17.94	18.24	18.53	18.34	18.57	0.0	19.5
		1	24	22.38	22.98	22.86	23.05	22.00	1.0	24.0	17.58	18.08	18.00	18.43	18.28	0.0	19.5
		12	0	21.16	21.79	21.95	22.07	21.30	2.0	23.0	17.71	18.09	18.23	18.17	18.41	0.0	19.5
		12	7	21.27	21.85	22.09	22.11	21.25	2.0	23.0	17.78	18.21	18.29	18.31	18.45	0.0	19.5
		12	13	21.33	21.85	22.02	22.12	21.31	2.0	23.0	17.95	18.09	18.37	18.22	18.45	0.0	19.5
		25	0	21.19	21.99	22.06	22.20	21.35	2.0	23.0	17.79	18.28	18.38	18.22	18.45	0.0	19.5
	64QAM	1	0	21.39	22.08	22.07	22.25	21.60	2.0	23.0	17.46	17.82	18.64	18.09	18.48	0.0	19.5
		1	12	21.42	22.39	22.11	22.14	21.43	2.0	23.0	17.92	18.09	18.44	17.79	18.71	0.0	19.5
		1	24	21.15	21.92	22.17	21.88	21.63	2.0	23.0	17.85	18.03	17.91	18.40	18.91	0.0	19.5
		12	0	20.23	20.88	20.98	20.95	20.42	3.0	22.0	17.90	18.12	18.39	18.29	18.49	0.0	19.5
		12	7	20.24	20.96	21.01	21.32	20.23	3.0	22.0	17.87	18.20	18.36	18.28	18.60	0.0	19.5
		12	13	20.11	20.76	20.95	21.28	20.32	3.0	22.0	17.75	18.13	18.31	18.30	18.39	0.0	19.5
		25	0	20.26	20.83	20.96	21.03	20.46	3.0	22.0	17.88	18.16	18.34	18.31	18.48	0.0	19.5
	256QAM	1	0	18.15	18.80	18.89	18.79	18.89	5.0	20.0	17.74	18.22	18.25	17.99	18.28	0.0	19.5
		1	12	18.19	18.93	18.98	19.47	18.41	5.0	20.0	17.97	18.09	18.29	18.39	18.18	0.0	19.5
		1	24	18.12	18.73	19.10	19.19	18.10	5.0	20.0	17.68	17.62	18.64	18.31	18.69	0.0	19.5
		12	0	18.23	18.87	18.85	19.02	18.64	5.0	20.0	17.67	18.13	18.26	18.23	18.38	0.0	19.5
		12	7	18.17	18.88	19.01	19.25	18.49	5.0	20.0	17.74	18.16	18.34	18.16	18.45	0.0	19.5
		12	13	18.22	18.93	18.91	19.07	18.54	5.0	20.0	17.80	18.14	18.46	18.34	18.57	0.0	19.5
		25	0	18.36	18.90	19.08	19.27	18.57	5.0	20.0	17.95	18.15	18.35	18.18	18.55	0.0	19.5

LTE Band 41 (Sub.2) Measured Results

BW (MHz)	Mode	RB Allocation	RB offset	Maximum Allowed Average Power (dBm)							Maximum Allowed Average Power (dBm)						
				DSI = 3							DSI = 0, 4, 5						
				Measured Pwr (dBm)					MPR	Tune-up Limit	Measured Pwr (dBm)					MPR	Tune-up Limit
				39750	40185	40620	41055	41490			39750	40185	40620	41055	41490		
				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	17.87	19.29	19.13	18.82	18.88	0.0	20.0	17.22	18.50	18.85	18.29	18.36	0.0	19.0
		1	49	18.40	19.16	19.17	18.68	18.86	0.0	20.0	17.93	18.60	18.74	18.18	18.42	0.0	19.0
		1	99	18.64	19.30	19.08	18.73	18.95	0.0	20.0	18.11	18.87	18.61	18.25	18.48	0.0	19.0
		50	0	18.28	19.07	19.24	18.79	18.94	0.0	20.0	17.70	18.60	18.78	18.27	18.48	0.0	19.0
		50	24	18.57	19.16	19.23	18.88	19.01	0.0	20.0	18.01	18.63	18.79	18.31	18.49	0.0	19.0
		50	50	18.57	19.25	19.24	18.74	19.03	0.0	20.0	18.06	18.80	18.69	18.20	18.55	0.0	19.0
		100	0	18.40	19.15	19.24	18.82	19.03	0.0	20.0	17.85	18.63	18.68	18.27	18.52	0.0	19.0
	16QAM	1	0	17.77	18.94	19.18	18.73	18.93	0.0	20.0	17.22	18.42	18.68	18.30	18.32	0.0	19.0
		1	49	18.26	19.02	19.08	18.72	18.93	0.0	20.0	17.92	18.74	18.56	18.16	18.20	0.0	19.0
		1	99	18.53	18.99	19.03	18.68	18.94	0.0	20.0	18.33	18.52	18.59	18.14	18.65	0.0	19.0
		50	0	18.25	19.04	19.26	18.79	18.97	0.0	20.0	17.69	18.56	18.80	18.27	18.45	0.0	19.0
		50	24	18.48	19.19	19.17	18.91	19.03	0.0	20.0	17.95	18.67	18.79	18.35	18.59	0.0	19.0
		50	50	18.54	19.20	19.14	18.72	19.06	0.0	20.0	18.09	18.62	18.69	18.22	18.50	0.0	19.0
		100	0	18.42	19.04	19.20	18.84	19.02	0.0	20.0	17.87	18.65	18.67	18.33	18.49	0.0	19.0
	64QAM	1	0	17.79	18.73	19.40	18.95	18.76	0.0	20.0	17.33	18.57	18.71	18.29	18.46	0.0	19.0
		1	49	18.47	19.09	19.33	18.85	18.77	0.0	20.0	17.97	18.64	18.93	18.32	18.36	0.0	19.0
		1	99	18.72	19.12	19.05	18.92	18.97	0.0	20.0	17.96	18.64	18.45	18.31	18.65	0.0	19.0
		50	0	18.30	19.13	19.34	18.76	19.00	0.0	20.0	17.73	18.61	18.78	18.25	18.48	0.0	19.0
		50	24	18.49	19.16	19.30	18.88	18.99	0.0	20.0	18.10	18.60	18.83	18.34	18.52	0.0	19.0
		50	50	18.59	19.13	19.24	18.77	19.00	0.0	20.0	18.12	18.58	18.66	18.34	18.56	0.0	19.0
		100	0	18.38	19.10	19.23	18.84	18.96	0.0	20.0	17.91	18.69	18.68	18.28	18.51	0.0	19.0
	256QAM	1	0	17.06	17.44	17.34	17.05	17.46	1.0	19.0	17.23	17.30	17.34	17.01	17.17	0.0	19.0
		1	49	16.65	17.37	17.41	17.01	17.21	1.0	19.0	17.04	17.28	17.73	16.87	17.28	0.0	19.0
		1	99	16.94	17.43	17.47	16.90	17.41	1.0	19.0	16.96	17.31	17.36	16.75	17.47	0.0	19.0
		50	0	17.01	17.37	17.59	17.08	17.26	1.0	19.0	16.53	17.36	17.57	17.08	17.23	0.0	19.0
		50	24	16.79	17.45	17.56	17.18	17.34	1.0	19.0	16.79	17.47	17.49	17.14	17.38	0.0	19.0
		50	50	16.88	17.47	17.51	17.05	17.40	1.0	19.0	16.91	17.42	17.58	17.12	17.38	0.0	19.0
		100	0	16.61	17.45	17.52	17.07	17.31	1.0	19.0	16.64	17.44	17.53	17.16	17.28	0.0	19.0

BW (MHz)	Mode	RB Allocation	RB offset	Measured Pwr (dBm)					MPR	Tune-up Limit	Measured Pwr (dBm)					MPR	Tune-up Limit
				39750	40185	40620	41055	41490			39750	40185	40620	41055	41490		
				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	18.05	19.03	19.15	18.80	18.83	0.0	20.0	17.51	18.48	18.69	18.21	18.43	0.0	19.0
		1	37	18.51	19.10	19.18	18.67	19.04	0.0	20.0	17.85	18.53	18.78	18.24	18.47	0.0	19.0
		1	74	18.58	19.12	19.11	18.77	18.93	0.0	20.0	18.02	18.67	18.66	18.22	18.43	0.0	19.0
		36	0	18.30	19.08	19.28	18.76	19.01	0.0	20.0	17.81	18.58	18.76	18.26	18.42	0.0	19.0
		36	20	18.52	19.17	19.25	18.82	19.08	0.0	20.0	18.06	18.69	18.74	18.29	18.55	0.0	19.0
		36	39	18.55	19.03	19.22	18.72	19.05	0.0	20.0	18.09	18.66	18.73	18.26	18.49	0.0	19.0
		75	0	18.42	19.14	19.17	18.79	19.02	0.0	20.0	17.87	18.62	18.73	18.26	18.48	0.0	19.0
	16QAM	1	0	17.87	18.99	19.15	18.80	18.79	0.0	20.0	17.39	18.61	18.75	18.31	18.45	0.0	19.0
		1	37	18.45	18.96	19.12	18.75	19.00	0.0	20.0	17.97	18.46	18.68	18.30	18.28	0.0	19.0
		1	74	18.56	19.28	19.04	18.80	18.90	0.0	20.0	18.09	18.53	18.70	18.03	18.51	0.0	19.0
		36	0	18.25	19.05	19.29	18.72	19.02	0.0	20.0	17.79	18.56	18.76	18.22	18.52	0.0	19.0
		36	20	18.57	19.14	19.25	18.85	19.04	0.0	20.0	18.04	18.61	18.74	18.28	18.56	0.0	19.0
		36	39	18.55	19.12	19.18	18.72	19.00	0.0	20.0	18.03	18.60	18.70	18.20	18.56	0.0	19.0
		75	0	18.40	19.09	19.20	18.79	19.01	0.0	20.0	17.89	18.68	18.72	18.26	18.51	0.0	19.0
	64QAM	1	0	18.03	19.12	19.30	18.63	18.82	0.0	20.0	17.48	18.57	18.62	18.35	18.46	0.0	19.0
		1	37	18.67	19.03	19.35	18.73	19.07	0.0	20.0	17.98	18.53	18.84	18.13	18.51	0.0	19.0
		1	74	18.53	19.03	19.26	18.74	18.80	0.0	20.0	18.29	18.71	18.77	18.04	18.56	0.0	19.0
		36	0	18.31	19.08	19.29	18.74	18.92	0.0	20.0	17.82	18.54	18.75	18.28	18.48	0.0	19.0
		36	20	18.48	19.14	19.15	18.84	19.01	0.0	20.0	18.01	18.66	18.71	18.27	18.55	0.0	19.0
		36	39	18.50	19.15	19.23	18.76	19.02	0.0	20.0	18.13	18.59	18.75	18.25	18.59	0.0	19.0
		75	0	18.40	19.08	19.22	18.79	19.03	0.0	20.0	17.92	18.69	18.68	18.34	18.49	0.0	19.0
	256QAM	1	0	16.51	17.19	17.45	17.07	17.25	1.0	19.0	17.01	17.24	17.59	17.10	17.10	0.0	19.0
		1	37	16.58	17.39	17.42	17.17	17.32	1.0	19.0	16.74	17.19	17.63	17.05	17.02	0.0	19.0
		1	74	16.88	17.32	17.46	16.86	17.24	1.0	19.0	16.94	17.31	17.30	16.96	17.27	0.0	19.0
		36	0	16.56	17.36	17.58	17.16	17.29	1.0	19.0	16.57	17.40	17.53	17.15	17.31	0.0	19.0
		36	20	16.78	17.50	17.49	17.16	17.30	1.0	19.0	16.72	17.46	17.50	17.10	17.30	0.0	19.0
		36	39	16.85	17.37	17.54	16.99	17.11	1.0	19.0	16.83	17.45	17.51	17.05	17.25	0.0	19.0
		75	0	16.62	17.46	17.48	17.05	17.31	1.0	19.0	16.66	17.39	17.50	17.14	17.31	0.0	19.0

LTE Band 41 (Sub.2) Measured Results (Continued)

BW (MHz)	Mode	RB Allocation	RB offset	Measured Pwr (dBm)					MPR	Tune-up Limit	Measured Pwr (dBm)					MPR	Tune-up Limit
				39750	40185	40620	41055	41490			39750	40185	40620	41055	41490		
				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	18.35	19.12	19.35	18.87	19.10	0.0	20.0	17.95	18.59	18.88	18.31	18.55	0.0	19.0
		1	25	18.67	19.27	19.46	18.95	19.21	0.0	20.0	18.10	18.79	18.98	18.37	18.58	0.0	19.0
		1	49	18.69	19.18	19.35	18.84	19.10	0.0	20.0	18.26	18.76	18.83	18.39	18.63	0.0	19.0
		25	0	18.52	19.23	19.46	18.90	19.12	0.0	20.0	18.02	18.70	18.87	18.36	18.62	0.0	19.0
		25	12	18.62	19.35	19.38	18.92	19.22	0.0	20.0	18.16	18.84	18.84	18.43	18.63	0.0	19.0
		25	25	18.69	19.26	19.34	18.87	19.14	0.0	20.0	18.16	18.83	18.84	18.39	18.63	0.0	19.0
		50	0	18.56	19.27	19.34	18.94	19.15	0.0	20.0	18.04	18.77	18.88	18.40	18.64	0.0	19.0
	16QAM	1	0	18.48	19.17	19.28	18.92	19.05	0.0	20.0	17.97	18.59	18.85	18.36	18.50	0.0	19.0
		1	25	18.71	19.11	19.34	18.92	19.12	0.0	20.0	17.94	18.62	18.86	18.55	18.55	0.0	19.0
		1	49	18.79	19.16	19.40	18.84	19.05	0.0	20.0	18.08	18.81	18.74	18.21	18.54	0.0	19.0
		25	0	18.56	19.15	19.38	18.85	19.12	0.0	20.0	17.98	18.67	18.86	18.41	18.63	0.0	19.0
		25	12	18.61	19.23	19.35	18.97	19.26	0.0	20.0	18.15	18.80	18.94	18.46	18.62	0.0	19.0
		25	25	18.66	19.28	19.43	18.93	19.12	0.0	20.0	18.13	18.73	18.84	18.36	18.70	0.0	19.0
		50	0	18.58	19.28	19.36	18.93	19.14	0.0	20.0	18.09	18.75	18.80	18.45	18.66	0.0	19.0
	64QAM	1	0	18.49	19.14	19.48	18.83	19.06	0.0	20.0	17.93	18.53	18.77	18.26	18.78	0.0	19.0
		1	25	18.68	19.12	19.44	18.80	19.19	0.0	20.0	18.15	18.84	18.51	18.48	18.60	0.0	19.0
		1	49	18.75	19.33	19.26	19.10	19.05	0.0	20.0	18.21	18.65	18.96	18.48	18.59	0.0	19.0
		25	0	18.48	19.21	19.39	18.98	19.14	0.0	20.0	17.97	18.68	18.95	18.37	18.66	0.0	19.0
		25	12	18.74	19.34	19.32	19.00	19.17	0.0	20.0	18.17	18.88	18.87	18.49	18.68	0.0	19.0
		25	25	18.61	19.32	19.36	18.93	19.29	0.0	20.0	18.07	18.80	18.88	18.36	18.68	0.0	19.0
		50	0	18.55	19.31	19.37	18.96	19.13	0.0	20.0	18.04	18.77	18.83	18.44	18.69	0.0	19.0
	256QAM	1	0	16.72	17.49	17.63	17.20	17.49	1.0	19.0	16.66	17.39	17.86	16.98	17.34	0.0	19.0
		1	25	16.94	17.43	17.75	17.33	17.23	1.0	19.0	16.83	17.63	17.70	17.25	17.49	0.0	19.0
		1	49	16.88	17.37	17.54	17.22	17.25	1.0	19.0	17.08	17.58	17.59	16.71	17.36	0.0	19.0
		25	0	16.77	17.49	17.75	17.20	17.44	1.0	19.0	16.82	17.49	17.72	17.16	17.44	0.0	19.0
		25	12	16.96	17.72	17.72	17.25	17.46	1.0	19.0	16.96	17.62	17.72	17.23	17.35	0.0	19.0
		25	25	16.92	17.58	17.73	17.13	17.46	1.0	19.0	16.95	17.56	17.70	17.15	17.48	0.0	19.0
		50	0	16.88	17.62	17.71	17.22	17.43	1.0	19.0	16.83	17.60	17.67	17.25	17.47	0.0	19.0
BW (MHz)	Mode	RB Allocation	RB offset	Measured Pwr (dBm)					MPR	Tune-up Limit	Measured Pwr (dBm)					MPR	Tune-up Limit
				39750	40185	40620	41055	41490			39750	40185	40620	41055	41490		
				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	18.40	19.20	19.31	18.79	19.08	0.0	20.0	17.90	18.70	18.83	18.32	18.52	0.0	19.0
		1	12	18.59	19.28	19.49	18.96	19.14	0.0	20.0	18.12	18.74	18.99	18.40	18.73	0.0	19.0
		1	24	18.66	19.27	19.34	18.83	19.07	0.0	20.0	18.19	18.72	18.81	18.33	18.59	0.0	19.0
		12	0	18.55	19.21	19.39	18.88	19.15	0.0	20.0	18.05	18.75	18.88	18.38	18.60	0.0	19.0
		12	7	18.70	19.32	19.37	18.94	19.21	0.0	20.0	18.16	18.81	18.88	18.46	18.64	0.0	19.0
		12	13	18.61	19.19	19.35	18.87	19.15	0.0	20.0	18.15	18.73	18.86	18.34	18.66	0.0	19.0
		25	0	18.60	19.29	19.33	18.89	19.16	0.0	20.0	18.11	18.75	18.82	18.39	18.67	0.0	19.0
	16QAM	1	0	18.34	19.02	19.39	18.81	18.89	0.0	20.0	17.88	18.46	18.76	18.31	18.47	0.0	19.0
		1	12	18.64	19.41	19.51	19.05	19.11	0.0	20.0	17.97	18.81	18.88	18.43	18.65	0.0	19.0
		1	24	18.63	19.16	19.40	18.90	19.09	0.0	20.0	18.09	18.74	18.85	18.42	18.59	0.0	19.0
		12	0	18.59	19.25	19.33	18.87	19.09	0.0	20.0	18.03	18.60	18.84	18.40	18.60	0.0	19.0
		12	7	18.74	19.33	19.40	19.07	19.23	0.0	20.0	18.10	18.88	18.83	18.42	18.67	0.0	19.0
		12	13	18.63	19.28	19.36	18.94	19.20	0.0	20.0	18.16	18.70	18.82	18.33	18.71	0.0	19.0
		25	0	18.62	19.21	19.35	18.99	19.14	0.0	20.0	18.08	18.71	18.82	18.38	18.65	0.0	19.0
	64QAM	1	0	18.33	19.13	19.28	18.70	18.97	0.0	20.0	17.81	18.86	18.42	18.36	18.62	0.0	19.0
		1	12	18.70	19.15	19.20	19.01	19.32	0.0	20.0	18.02	18.82	18.87	18.38	18.66	0.0	19.0
		1	24	18.73	19.29	19.31	19.01	19.13	0.0	20.0	18.09	18.77	18.67	18.40	18.54	0.0	19.0
		12	0	18.67	19.20	19.44	18.94	19.16	0.0	20.0	18.04	18.74	18.85	18.37	18.61	0.0	19.0
		12	7	18.66	19.38	19.37	18.96	19.12	0.0	20.0	18.09	18.83	18.88	18.45	18.76	0.0	19.0
		12	13	18.61	19.23	19.36	18.98	19.20	0.0	20.0	18.06	18.66	18.87	18.34	18.59	0.0	19.0
		25	0	18.60	19.29	19.35	18.98	19.09	0.0	20.0	18.11	18.79	18.85	18.36	18.62	0.0	19.0
	256QAM	1	0	16.59	17.43	17.77	17.22	17.15	1.0	19.0	16.75	17.51	17.54	17.09	17.36	0.0	19.0
		1	12	16.93	17.54	17.70	16.94	17.49	1.0	19.0	16.92	17.47	17.86	17.12	17.37	0.0	19.0
		1	24	16.91	17.33	17.78	17.13	17.48	1.0	19.0	16.66	17.56	17.48	17.11	17.53	0.0	19.0
		12	0	16.88	17.55	17.64	17.15	17.39	1.0	19.0	16.82	17.58	17.68	17.15	17.42	0.0	19.0
		12	7	17.00	17.68	17.75	17.32	17.52	1.0	19.0	16.88	17.60	17.67	17.32	17.54	0.0	19.0
		12	13	16.95	17.54	17.64	17.19	17.40	1.0	19.0	16.87	17.53	17.69	17.16	17.42	0.0	19.0
		25	0	16.92	17.55	17.70	17.23	17.39	1.0	19.0	16.89	17.59	17.64	17.19	17.43	0.0	19.0

LTE Band 48 (Sub.3) Measured Results

BW (MHz)	Mode	RB Allocation	RB offset	Maximum Allowed Average Power (dBm)						Maximum Allowed Average Power (dBm)					
				DSI = 0, 4, 5						DSI = 3					
				Measured Pwr (dBm)				MPR	Tune-up Limit	Measured Pwr (dBm)				MPR	Tune-up Limit
				55340	55773	56207	56640			55340	55773	56207	56640		
				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	15.83	16.18	16.18	16.35	0.0	17.5	18.40	18.58	18.47	18.34	0.0	19.0
		1	49	15.88	16.32	16.15	15.97	0.0	17.5	18.39	18.57	18.63	18.63	0.0	19.0
		1	99	15.89	16.36	16.07	15.99	0.0	17.5	18.47	18.64	18.57	18.40	0.0	19.0
		50	0	15.84	16.26	16.30	16.03	0.0	17.5	18.31	18.63	18.72	18.51	0.0	19.0
		50	24	15.98	16.37	16.33	16.09	0.0	17.5	18.49	18.60	18.72	18.50	0.0	19.0
		50	50	16.04	16.47	16.22	16.02	0.0	17.5	18.56	18.73	18.66	18.38	0.0	19.0
		100	0	15.92	16.31	16.33	16.11	0.0	17.5	18.59	18.84	18.81	18.42	0.0	19.0
	16QAM	1	0	15.97	16.11	16.36	15.79	0.0	17.5	18.54	18.48	18.79	18.37	0.0	19.0
		1	49	15.83	15.93	16.20	15.90	0.0	17.5	18.47	18.52	18.38	18.25	0.0	19.0
		1	99	15.59	15.74	16.30	16.17	0.0	17.5	18.70	18.40	18.35	18.19	0.0	19.0
		50	0	15.69	16.25	16.37	16.03	0.0	17.5	18.42	18.53	18.68	18.44	0.0	19.0
		50	24	15.84	16.33	16.30	16.04	0.0	17.5	18.58	18.81	18.75	18.53	0.0	19.0
		50	50	15.86	16.36	16.18	15.98	0.0	17.5	18.44	18.72	18.60	18.41	0.0	19.0
		100	0	15.89	16.31	16.22	16.09	0.0	17.5	18.55	18.68	18.82	18.51	0.0	19.0
	64QAM	1	0	15.31	16.00	16.27	15.95	0.0	17.5	18.43	18.72	18.41	18.37	0.0	19.0
		1	49	15.69	16.30	16.37	16.19	0.0	17.5	18.00	18.62	18.93	18.43	0.0	19.0
		1	99	15.44	16.21	16.50	15.84	0.0	17.5	18.47	18.68	18.88	18.75	0.0	19.0
		50	0	15.75	16.21	16.24	16.03	0.0	17.5	18.44	17.94	17.91	17.91	0.0	19.0
		50	24	15.87	16.31	16.20	16.03	0.0	17.5	18.55	18.10	18.14	17.96	0.0	19.0
		50	50	16.06	16.26	16.12	16.03	0.0	17.5	18.67	17.90	18.04	17.80	0.0	19.0
		100	0	15.89	16.36	16.17	15.99	0.0	17.5	18.54	18.00	18.00	17.85	0.0	19.0
	256QAM	1	0	15.33	16.29	16.16	15.95	0.0	17.5	15.77	15.95	16.08	16.03	2.0	17.0
		1	49	15.95	16.36	15.94	15.61	0.0	17.5	15.50	15.72	16.07	15.33	2.0	17.0
		1	99	16.33	16.05	16.23	15.57	0.0	17.5	15.96	15.60	16.10	15.61	2.0	17.0
		50	0	15.76	16.25	16.00	15.93	0.0	17.5	15.72	15.99	16.13	15.86	2.0	17.0
		50	24	15.91	16.35	16.30	16.08	0.0	17.5	15.80	15.96	15.94	15.86	2.0	17.0
		50	50	15.93	16.35	16.25	16.01	0.0	17.5	15.95	15.98	16.08	15.89	2.0	17.0
		100	0	15.85	16.28	16.28	15.94	0.0	17.5	16.01	16.08	15.95	15.78	2.0	17.0
BW (MHz)	Mode	RB Allocation	RB offset	Measured Pwr (dBm)				MPR	Tune-up Limit	Measured Pwr (dBm)				MPR	Tune-up Limit
				55315	55765	56215	56665			55315	55765	56215	56665		
				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	15.78	16.13	16.31	15.97	0.0	17.5	18.37	18.53	18.63	18.67	0.0	19.0
		1	37	15.60	16.22	16.23	15.89	0.0	17.5	18.90	18.73	18.57	18.52	0.0	19.0
		1	74	15.91	16.33	16.04	15.90	0.0	17.5	18.31	18.59	18.69	18.37	0.0	19.0
		36	0	15.76	16.34	16.26	16.05	0.0	17.5	18.45	18.65	18.72	18.49	0.0	19.0
		36	20	15.81	16.29	16.33	16.10	0.0	17.5	18.48	18.72	18.75	18.51	0.0	19.0
		36	39	15.93	16.33	16.20	16.08	0.0	17.5	18.52	18.68	18.74	18.38	0.0	19.0
		75	0	16.02	16.28	16.44	16.09	0.0	17.5	18.46	18.62	18.65	18.50	0.0	19.0
	16QAM	1	0	15.26	15.84	16.08	16.01	0.0	17.5	18.37	18.30	18.52	18.64	0.0	19.0
		1	37	15.93	15.92	16.30	15.68	0.0	17.5	18.61	18.57	18.60	18.42	0.0	19.0
		1	74	15.81	16.47	16.21	15.65	0.0	17.5	18.36	18.26	18.65	18.70	0.0	19.0
		36	0	15.79	16.18	16.25	16.04	0.0	17.5	18.43	18.67	18.75	18.53	0.0	19.0
		36	20	15.82	16.38	16.21	15.99	0.0	17.5	18.40	18.60	18.63	18.46	0.0	19.0
		36	39	15.93	16.34	16.19	16.09	0.0	17.5	18.58	18.68	18.66	18.41	0.0	19.0
		75	0	15.84	16.34	16.31	15.99	0.0	17.5	18.52	18.65	18.73	18.44	0.0	19.0
	64QAM	1	0	15.87	16.13	16.22	16.07	0.0	17.5	18.71	18.89	18.46	18.56	0.0	19.0
		1	37	16.23	16.45	16.43	15.49	0.0	17.5	18.57	18.44	18.63	18.49	0.0	19.0
		1	74	15.73	16.29	15.95	15.84	0.0	17.5	18.30	18.60	18.27	18.48	0.0	19.0
		36	0	15.70	16.19	16.29	15.94	0.0	17.5	17.70	17.90	18.07	17.81	0.0	19.0
		36	20	15.84	16.29	16.17	15.96	0.0	17.5	17.73	17.90	18.23	17.90	0.0	19.0
		36	39	15.81	16.31	16.24	16.03	0.0	17.5	17.85	18.10	17.99	17.67	0.0	19.0
		75	0	15.87	16.35	16.28	16.05	0.0	17.5	17.70	17.94	18.01	17.94	0.0	19.0
	256QAM	1	0	15.35	15.85	16.55	15.71	0.0	17.5	15.68	15.66	15.90	15.86	2.0	17.0
		1	37	15.50	16.26	15.95	15.75	0.0	17.5	15.81	15.27	15.80	16.09	2.0	17.0
		1	74	15.78	16.04	15.98	16.35	0.0	17.5	15.91	15.83	16.08	15.91	2.0	17.0
		36	0	15.70	16.23	16.31	16.01	0.0	17.5	15.64	15.88	16.01	15.82	2.0	17.0
		36	20	15.84	16.25	16.22	16.01	0.0	17.5	15.88	15.96	16.12	15.80	2.0	17.0
		36	39	15.82	16.28	16.09	16.16	0.0	17.5	15.98	16.03	16.06	15.74	2.0	17.0
		75	0	15.79	16.29	16.35	16.05	0.0	17.5	15.69	15.92	15.97	15.81	2.0	17.0

LTE Band 48 (Sub.3) Measured Results (Continued)

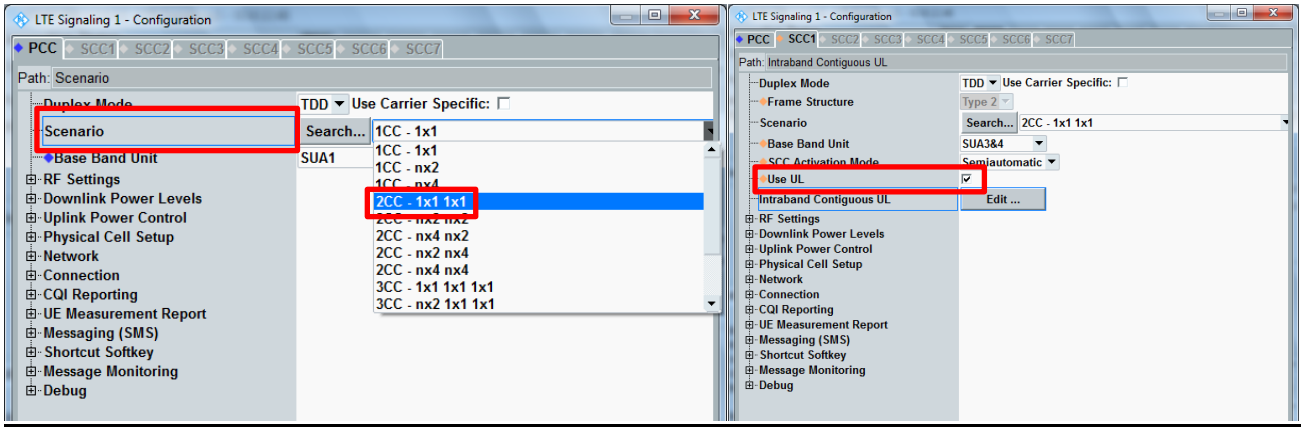
BW (MHz)	Mode	RB Allocation	RB offset	Measured Pwr (dBm)				MPR	Tune-up Limit	Measured Pwr (dBm)				MPR	Tune-up Limit
				55290	55757	56223	56690			55290	55757	56223	56690		
				3555 MHz	3601.7 MHz	3648.3 MHz	3695 MHz			3555 MHz	3601.7 MHz	3648.3 MHz	3695 MHz		
10 MHz	QPSK	1	0	15.99	16.32	16.44	16.17	0.0	17.5	18.50	18.82	18.77	18.49	0.0	19.0
		1	25	16.05	16.35	16.49	16.19	0.0	17.5	18.52	18.81	18.63	18.60	0.0	19.0
		1	49	15.99	16.52	16.36	16.16	0.0	17.5	18.61	18.77	18.76	18.62	0.0	19.0
		25	0	16.02	16.40	16.39	16.10	0.0	17.5	18.55	18.69	18.80	18.65	0.0	19.0
		25	12	16.04	16.49	16.51	16.20	0.0	17.5	18.63	18.87	18.93	18.63	0.0	19.0
		25	25	16.05	16.47	16.29	16.07	0.0	17.5	18.58	18.81	18.76	18.59	0.0	19.0
		50	0	15.98	16.44	16.56	16.14	0.0	17.5	18.55	18.77	18.82	18.65	0.0	19.0
	16QAM	1	0	15.92	16.13	16.30	16.06	0.0	17.5	18.54	18.73	18.90	18.66	0.0	19.0
		1	25	15.68	16.27	16.45	16.23	0.0	17.5	18.70	18.50	18.79	18.32	0.0	19.0
		1	49	15.49	15.93	16.24	16.20	0.0	17.5	18.43	18.57	18.93	18.33	0.0	19.0
		25	0	15.81	16.27	16.30	15.99	0.0	17.5	18.62	18.78	18.94	18.65	0.0	19.0
		25	12	15.95	16.39	16.30	16.12	0.0	17.5	18.63	18.77	18.92	18.66	0.0	19.0
		25	25	15.87	16.42	16.25	16.06	0.0	17.5	18.70	18.85	18.75	18.48	0.0	19.0
		50	0	15.90	16.44	16.33	16.12	0.0	17.5	18.61	18.89	18.77	18.63	0.0	19.0
	64QAM	1	0	15.88	16.31	16.49	16.04	0.0	17.5	18.28	18.81	18.86	18.90	0.0	19.0
		1	25	16.04	15.99	15.97	16.09	0.0	17.5	18.50	18.68	18.79	18.58	0.0	19.0
		1	49	15.75	16.11	16.08	16.09	0.0	17.5	18.64	18.71	18.54	18.50	0.0	19.0
		25	0	15.90	16.30	16.35	16.11	0.0	17.5	17.89	18.17	18.10	17.76	0.0	19.0
		25	12	15.97	16.45	16.36	16.20	0.0	17.5	17.91	17.99	18.16	18.01	0.0	19.0
		25	25	15.94	16.34	16.30	16.18	0.0	17.5	17.93	18.05	18.06	17.85	0.0	19.0
		50	0	16.01	16.35	16.34	16.08	0.0	17.5	17.91	18.16	18.18	17.92	0.0	19.0
	256QAM	1	0	15.72	16.41	15.96	16.48	0.0	17.5	15.42	15.69	15.85	15.86	2.0	17.0
		1	25	16.06	16.15	16.26	15.48	0.0	17.5	16.03	15.98	16.25	15.66	2.0	17.0
		1	49	15.55	16.46	16.23	16.14	0.0	17.5	16.05	16.08	16.16	15.27	2.0	17.0
		25	0	15.82	16.31	16.34	16.14	0.0	17.5	15.98	16.08	16.18	15.97	2.0	17.0
		25	12	16.02	16.37	16.26	16.18	0.0	17.5	15.91	16.13	16.19	15.98	2.0	17.0
		25	25	15.91	16.51	16.31	16.11	0.0	17.5	15.99	16.10	16.10	15.94	2.0	17.0
		50	0	15.83	16.35	16.39	16.15	0.0	17.5	15.88	16.06	16.13	15.99	2.0	17.0

BW (MHz)	Mode	RB Allocation	RB offset	Measured Pwr (dBm)				MPR	Tune-up Limit	Measured Pwr (dBm)				MPR	Tune-up Limit
				55265	55748	56232	56715			55265	55748	56232	56715		
				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	15.81	16.34	16.23	16.00	0.0	17.5	18.51	18.69	18.70	18.59	0.0	19.0
		1	12	15.94	16.42	16.45	16.25	0.0	17.5	18.76	18.90	18.76	18.48	0.0	19.0
		1	24	15.77	16.37	16.38	16.11	0.0	17.5	18.40	18.53	18.70	18.36	0.0	19.0
		12	0	15.98	16.47	16.38	16.15	0.0	17.5	18.62	18.77	18.85	18.48	0.0	19.0
		12	7	16.04	16.42	16.44	16.20	0.0	17.5	18.56	18.89	18.88	18.52	0.0	19.0
		12	13	16.04	16.41	16.42	16.19	0.0	17.5	18.65	18.87	18.78	18.58	0.0	19.0
		25	0	15.99	16.48	16.43	16.14	0.0	17.5	18.60	18.82	18.95	18.57	0.0	19.0
	16QAM	1	0	15.58	16.32	16.41	15.61	0.0	17.5	18.59	18.36	18.91	18.33	0.0	19.0
		1	12	15.66	16.66	16.43	16.30	0.0	17.5	18.73	18.63	18.38	18.68	0.0	19.0
		1	24	16.15	15.94	16.03	16.11	0.0	17.5	18.45	18.34	18.52	18.37	0.0	19.0
		12	0	15.96	16.37	16.40	16.02	0.0	17.5	18.64	18.70	18.81	18.54	0.0	19.0
		12	7	15.96	16.53	16.24	15.99	0.0	17.5	18.61	18.79	18.95	18.69	0.0	19.0
		12	13	15.85	16.28	16.31	16.12	0.0	17.5	18.60	18.67	18.83	18.65	0.0	19.0
		25	0	15.76	16.33	16.32	16.15	0.0	17.5	18.64	18.79	18.82	18.56	0.0	19.0
	64QAM	1	0	15.76	15.89	16.22	16.43	0.0	17.5	18.62	18.84	18.53	18.59	0.0	19.0
		1	12	16.00	16.48	16.63	15.91	0.0	17.5	18.97	18.61	18.62	18.93	0.0	19.0
		1	24	16.18	16.18	16.28	16.16	0.0	17.5	18.67	18.16	18.47	18.35	0.0	19.0
		12	0	15.84	16.31	16.41	16.01	0.0	17.5	17.78	18.11	18.18	17.86	0.0	19.0
		12	7	15.93	16.26	16.32	16.22	0.0	17.5	17.92	18.09	18.09	17.94	0.0	19.0
		12	13	15.77	16.44	16.30	16.02	0.0	17.5	17.94	18.09	18.06	18.02	0.0	19.0
		25	0	15.92	16.33	16.29	15.96	0.0	17.5	18.09	18.04	18.15	17.90	0.0	19.0
	256QAM	1	0	15.84	16.27	16.32	16.24	0.0	17.5	15.42	15.82	15.87	15.62	2.0	17.0
		1	12	16.28	16.60	16.26	15.77	0.0	17.5	15.85	16.09	16.15	16.02	2.0	17.0
		1	24	15.53	15.71	16.21	16.14	0.0	17.5	15.78	15.58	15.69	15.55	2.0	17.0
		12	0	15.89	16.35	16.37	16.16	0.0	17.5	15.97	16.22	16.15	15.82	2.0	17.0
		12	7	15.97	16.33	16.29	16.22	0.0	17.5	15.85	16.15	16.35	15.85	2.0	17.0
		12	13	15.90	16.49	16.24	16.17	0.0	17.5	15.89	15.93	16.10	15.90	2.0	17.0
		25	0	15.95	16.36	16.29	16.05	0.0	17.5	15.89	16.05	16.19	15.96	2.0	17.0

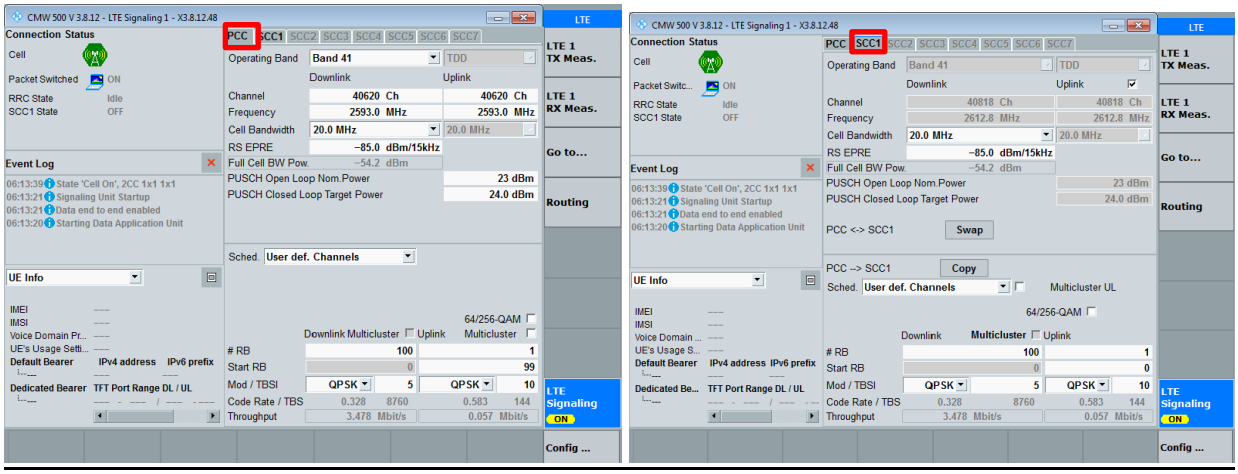
9.3.1. LTE Uplink Carrier Aggregation

LTE Uplink Carrier Aggregation – Output power measurement procedures

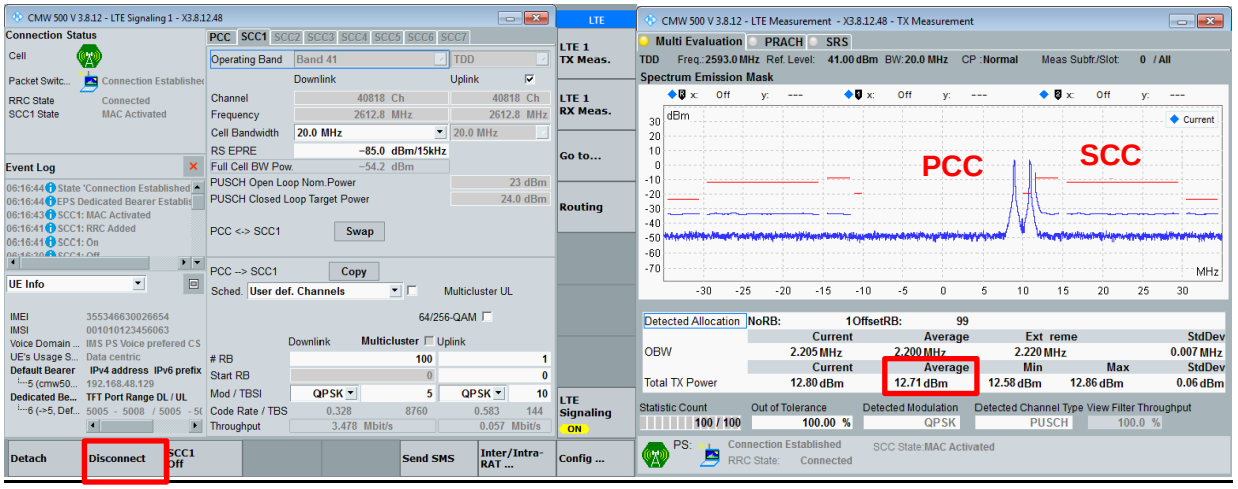
- **Change the Scenario in the Configuration of LTE Signaling**
  Select "2CC – 1x1 1x1" for Uplink Carrier Aggregation
- **Check the box next to the "Use UL"**



- **Back to the LTE Signal screen, and then select the PCC tab,**
  Set operating band, BW, channel and RB configurations for PCC
- **Select the SCC1 tab,**
  Set operating band, BW, channel, and RB configurations for SCC1



- **Click the "Connect" button at the bottom of the screen, if necessary, turn the Airplane mode on/off in the DUT**
- **Check the spectrum of UL CA in Spectrum Emission Mask (LTE Tx Meas.)**



Maximum Output Power (Tune-up Limit) for LTE UL 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 with QPSK modulation based on the worst-case standalone SAR. The tune-up limits are provided in table below. 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.

SAR measurement is not required for the 16QAM and 64QAM. When the highest maximum output power for 16QAM and 64QAM is ≤ 0.25 dB higher than the QPSK or when the reported SAR for the QPSK configuration is ≤ 1.45 W/kg.

E-UTRA CA configuration (BCS)	RF Exposure Conditions	Antenna	Bands		UL																		
			PCC	SCC	PCC						SCC						MPR	Standalone	PCC + SCC				
			1st	2nd	Modulation	RB	Offset	BW	Freq	ch	Modulation	RB	Offset	BW	Freq	ch		LTE Rel.8	Aggregated BW	MPR	Tune-Up Limit	CA power (total PCC+SCC)	Delta	3GPP Rel.
CA_48C(0)	Head	Sub.3	48C	48C	QPSK	1	99	20	3560.0	55340	QPSK	1	0	20	3579.8	55538	0	18.64	20	0	19.0	18.50	-0.14	16
CA_48C(0)	Hotspot	Sub.3	48C	48C	QPSK	1	99	20	3603.3	55773	QPSK	1	0	20	3623.1	55971	0	16.36	20	0	17.5	16.51	0.15	16

Note:

Standalone output power values are referenced from Sec.9.3.

9.4. NR (Sub 6GHz)

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@8	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@8	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].

SAR test exclusion can be applied for testing overlapping NR bands as follows:

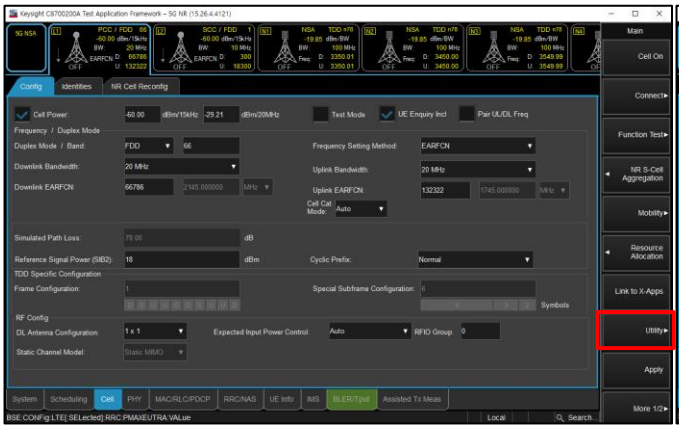
a) The maximum output power, including tolerance, for the smaller band must be ≤ the larger band to qualify for the SAR test exclusion.
b) The channel bandwidth and other operating parameters for the smaller band must be fully supported by the larger band.

- NR Band n2 (1850 – 1910 MHz) is covered by NR Band n25 (1850 – 1915 MHz)
- NR Band n78 (3450 – 3550 MHz & 3700 - 3800) is covered by NR Band n77 (3450 – 3550 MHz & 3700 - 3980)

Procedures used to establish power measurement for NR Bands

Switching to NSA mode or SA mode

- Click the “Utility” button in the right of Test application screen
- Select “5G NR NSA” in the “TA Mode Switch” for NSA mode
- Select “5G NR Standalone” in the “TA Mode Switch” for SA mode

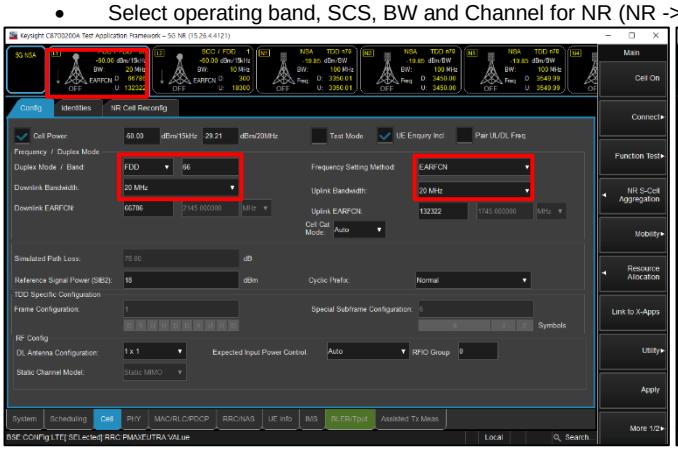


(Figure 1-1)

(Figure 1-2)

NSA Mode

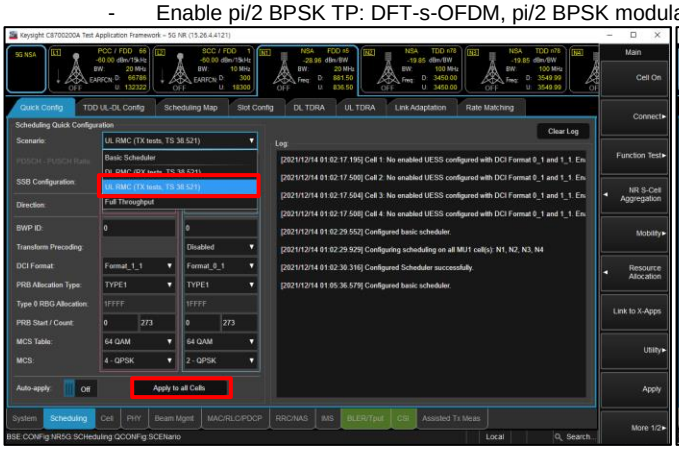
- Select operating band, BW and Channel for LTE (LTE -> Cell -> Config)
- Select operating band, SCS, BW and Channel for NR (NR -> Cell -> Config)



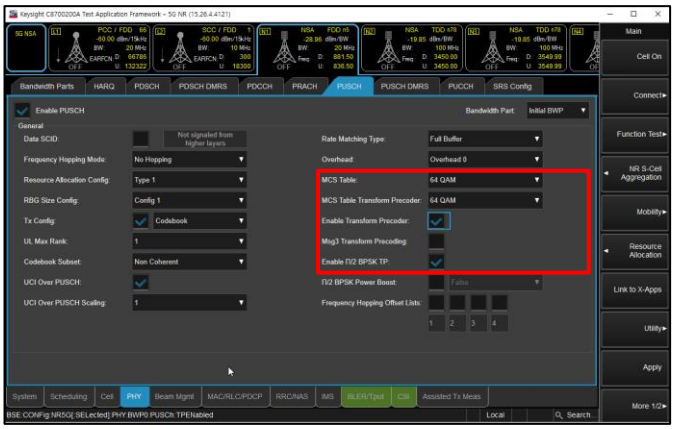
(Figure 2-1)

(Figure 2-2)

- Select “UL RMC (TX tests, TS 38.521)” for maximum power RB scheduling (NR -> Scheduling -> Quick Config)
- To set waveform for NR Band (NR -> PHY -> PUSCH)
  - Select highest modulation in the MCS Table and MCS Table Transform Precoder
  - Enable Transform Precoder: DFT-s-OFDM / disable for CP-OFDM
  - Enable pi/2 BPSK TP: DFT-s-OFDM, pi/2 BPSK modulation

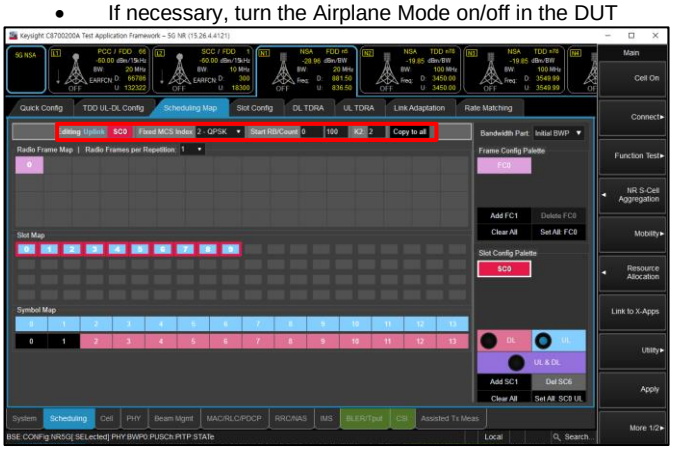


(Figure 2-3)

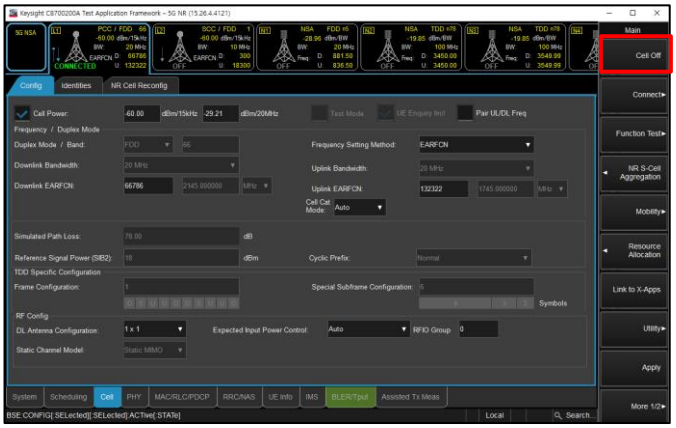


(Figure 2-4)

- Select Uplink Modulation and RB setting (NR -> Scheduling -> Scheduling Map)
- Click “Cell On” button in the right of Test application screen in the LTE tab
- If necessary, turn the Airplane Mode on/off in the DUT

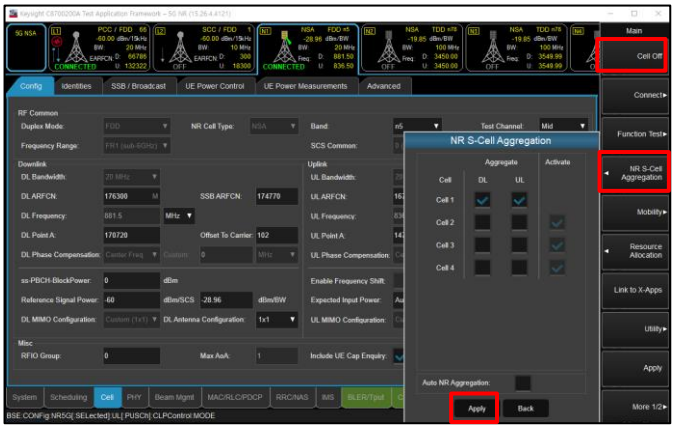


(Figure 2-5)

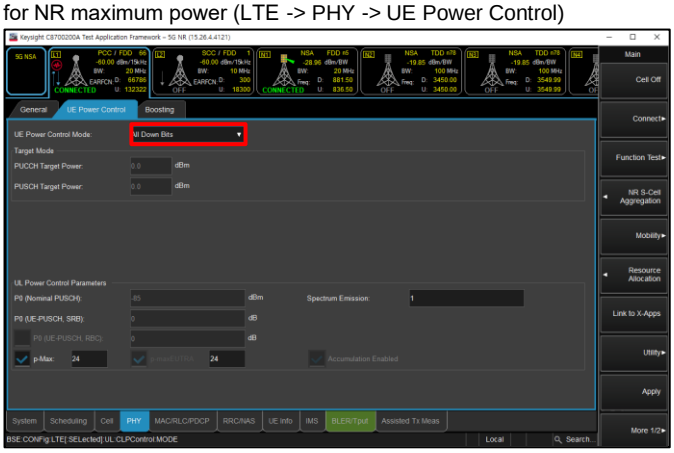


(Figure 2-6)

- Click “Cell On” button in the right of Test application screen in the NR tab
- Click “NR S-Cell Aggregation” and “Apply” to aggregate NR band
- Select “All Down Bits” of UL Power control Mode in LTE tab for NR maximum power (LTE -> PHY -> UE Power Control)

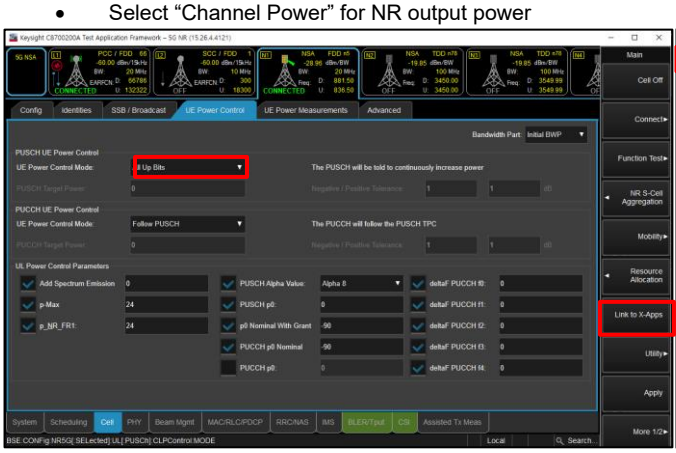


(Figure 2-7)

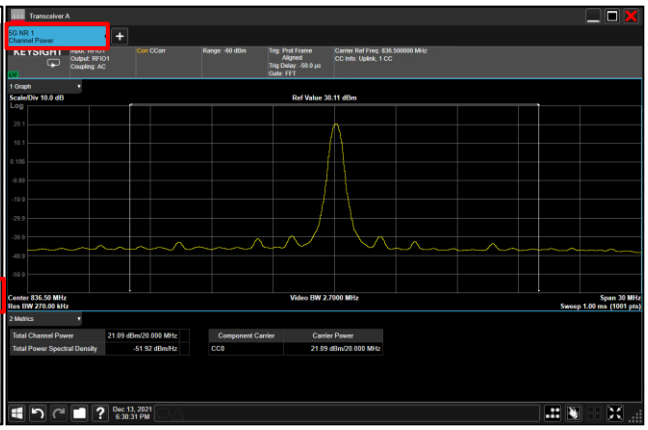


(Figure 2-8)

- Select “All Up Bits” of UL Power control Mode in NR tab for NR maximum power (NR -> Cell -> UE Power Control)
- To read the output power, click the “Link to X-Apps”
- Select “Channel Power” for NR output power



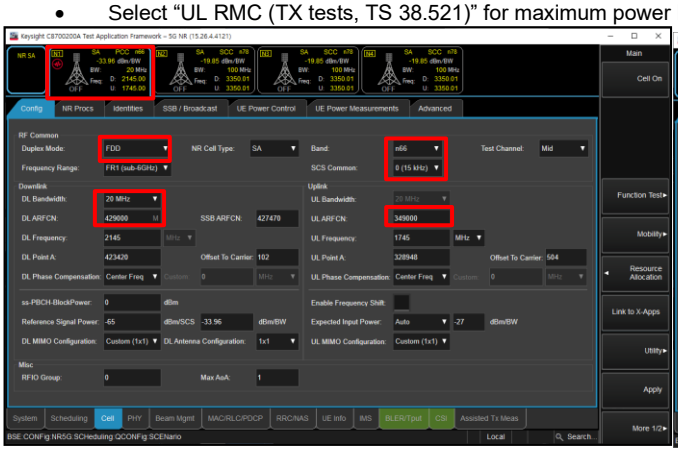
(Figure 2-9)



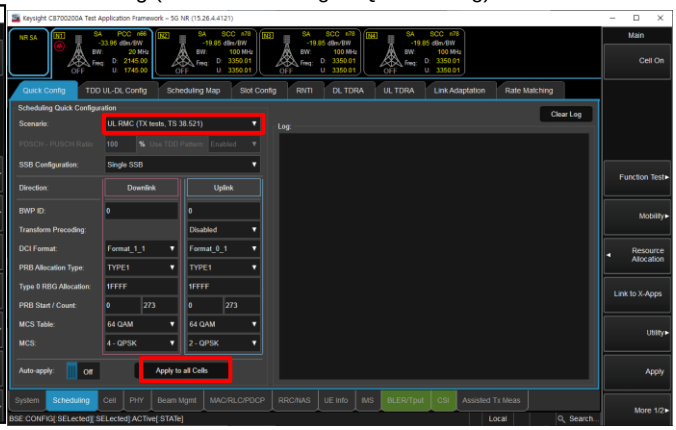
(Figure 2-10)

SA Mode

- Select operating band, SCS, BW and Channel for NR (NR -> Cell -> Config)
- Select “UL RMC (TX tests, TS 38.521)” for maximum power RB scheduling (NR -> Scheduling -> Quick Config)

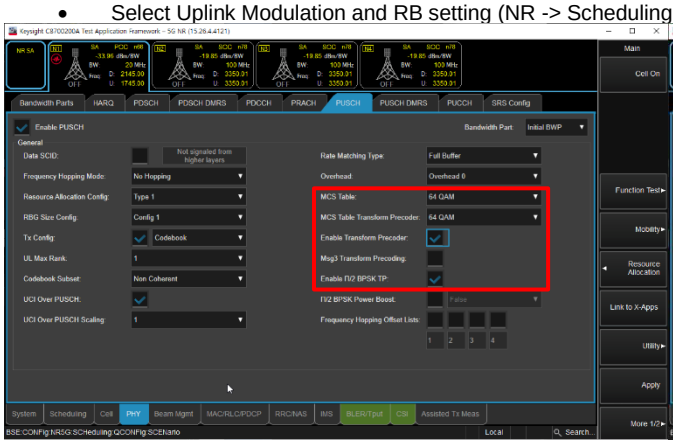


(Figure 3-1)



(Figure 3-2)

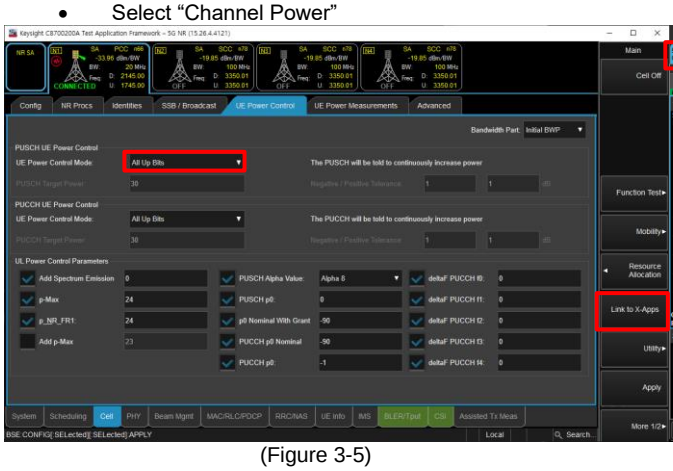
- To set waveform for NR Band (NR -> PHY -> PUSCH)
  - Select highest modulation in the MCS Table and MCS Table Transform Precoder
  - Enable Transform Precoder: DFT-s-OFDM / disable for CP-OFDM
  - Enable pi/2 BPSK TP: DFT-s-OFDM, pi/2 BPSK modulation
- Select Uplink Modulation and RB setting (NR -> Scheduling -> Scheduling Map)



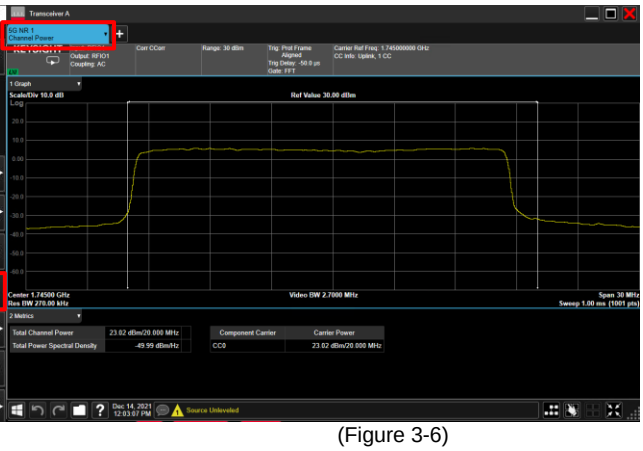
(Figure 3-3)

(Figure 3-4)

- Click “Cell On” button in the right of Test application screen
- If necessary, turn the Airplane Mode on/off in the DUT
- Select “All Up Bits” of UL Power control Mode (Cell -> UE Power Control)
- To read the output power, click the “Link to X-Apps”
- Select “Channel Power”



(Figure 3-5)



(Figure 3-6)

NR Band n71 (Main1) Measured Results

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Maximum Allowed Average Power (dBm)			MPR	Tune-up Limit
					DSI = 0, 3, 4, 5				
					Measured Pwr (dBm)				
					134600	136100	137600		
					673.00 MHz	680.50 MHz	688.00 MHz		
20 MHz	DFT-s-OFDM	π/2 BPSK	1	1		24.68		0.0	25.5
			1	52		24.16		0.0	25.5
			1	104		24.04		0.0	25.5
			50	0		23.47		0.5	25.0
			50	28		24.08		0.0	25.5
			50	56		23.00		0.5	25.0
			100	0		23.03		0.5	25.0
		QPSK	1	1		**24.70**		0.0	25.5
			1	52		24.06		0.0	25.5
			1	104		24.05		0.0	25.5
			50	0		23.44		1.0	24.5
			50	28		**24.07**		0.0	25.5
			50	56		23.02		1.0	24.5
			100	0		23.06		1.0	24.5
		16QAM	1	1		23.57		1.0	24.5
			1	52		23.07		1.0	24.5
			1	104		23.05		1.0	24.5
		64QAM	1	1		22.29		2.5	23.0
		256QAM	1	1		19.60		4.5	21.0
	CP-OFDM	QPSK	1	1		23.14		1.5	24.0
BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					134100	136100	138100		
					670.50 MHz	680.50 MHz	690.50 MHz		
15 MHz	DFT-s-OFDM	π/2 BPSK	1	1		24.78		0.0	25.5
			1	39		24.22		0.0	25.5
			1	77		24.02		0.0	25.5
			36	0		23.60		0.5	25.0
			36	21		24.23		0.0	25.5
			36	43		23.25		0.5	25.0
			75	0		23.44		0.5	25.0
		QPSK	1	1		24.79		0.0	25.5
			1	39		24.14		0.0	25.5
			1	77		23.95		0.0	25.5
			36	0		23.54		1.0	24.5
			36	21		24.18		0.0	25.5
			36	43		23.20		1.0	24.5
			75	0		23.39		1.0	24.5
		16QAM	1	1		23.64		1.0	24.5
			1	39		23.09		1.0	24.5
			1	77		22.92		1.0	24.5
		64QAM	1	1		22.40		2.5	23.0
		256QAM	1	1		19.78		4.5	21.0
	CP-OFDM	QPSK	1	1		23.22		1.5	24.0

NR Band n71 (Main1) Measured Results (Continued)

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					133600	136100	138600		
					668.00 MHz	680.50 MHz	693.00 MHz		
10 MHz	DFT-s-OFDM	π/2 BPSK	1	1	23.88	24.54	24.20	0.0	25.5
			1	25	24.22	24.40	23.50	0.0	25.5
			1	50	24.62	24.48	23.30	0.0	25.5
			25	0	22.97	23.58	23.01	0.5	25.0
			25	13	24.24	24.34	23.62	0.0	25.5
			25	27	23.50	23.38	22.52	0.5	25.0
			50	0	23.31	23.43	22.73	0.5	25.0
		QPSK	1	1	23.81	24.66	24.12	0.0	25.5
			1	25	24.18	24.24	23.44	0.0	25.5
			1	50	24.57	24.38	23.26	0.0	25.5
			25	0	22.85	23.49	22.97	1.0	24.5
			25	13	24.24	24.23	23.59	0.0	25.5
			25	27	23.50	23.27	22.41	1.0	24.5
			50	0	23.31	23.32	22.70	1.0	24.5
		16QAM	1	1	22.83	23.54	23.06	1.0	24.5
			1	25	23.16	23.09	22.41	1.0	24.5
			1	50	23.62	23.30	22.25	1.0	24.5
		64QAM	1	1	21.58	22.22	21.84	2.5	23.0
		256QAM	1	1	19.32	19.72	19.57	4.5	21.0
	CP-OFDM	QPSK	1	1	22.41	23.05	22.65	1.5	24.0

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit
					133100	136100	139100		
					665.50 MHz	680.50 MHz	695.50 MHz		
5 MHz	DFT-s-OFDM	π/2 BPSK	1	1	24.20	24.56	23.76	0.0	25.5
			1	12	24.12	24.14	23.42	0.0	25.5
			1	23	24.32	24.21	23.41	0.0	25.5
			12	0	23.07	23.41	22.53	0.5	25.0
			12	6	23.98	24.13	23.34	0.0	25.5
			12	13	23.14	23.19	22.53	0.5	25.0
			25	0	23.10	23.28	22.52	0.5	25.0
		QPSK	1	1	24.01	24.52	23.75	0.0	25.5
			1	12	23.94	24.15	23.42	0.0	25.5
			1	23	24.21	24.27	23.43	0.0	25.5
			12	0	22.98	23.37	22.65	1.0	24.5
			12	6	23.82	24.08	23.37	0.0	25.5
			12	13	23.07	23.16	22.31	1.0	24.5
			25	0	23.05	23.28	22.48	1.0	24.5
		16QAM	1	1	22.98	23.54	22.71	1.0	24.5
			1	12	22.92	23.18	22.36	1.0	24.5
			1	23	23.14	23.29	22.37	1.0	24.5
		64QAM	1	1	21.71	22.26	21.41	2.5	23.0
		256QAM	1	1	19.41	19.83	19.23	4.5	21.0
	CP-OFDM	QPSK	1	1	22.60	23.09	22.28	1.5	24.0

NR Band n5 (Main1) Measured Results

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Maximum Allowed Average Power (dBm) DSI = 0, 4, 5					Maximum Allowed Average Power (dBm) DSI = 3				
					Measured Pwr (dBm)			MPR	Tune-up Limit	Measured Pwr (dBm)			MPR	Tune-up Limit
					166800	167300	167800			166800	167300	167800		
					834.00 MHz	836.50 MHz	839.00 MHz			834.00 MHz	836.50 MHz	839.00 MHz		
20 MHz	DFT-s-OFDM	π/2 BPSK	1	1		23.33		0.0	24.0		24.61		0.0	25.5
			1	52		23.38		0.0	24.0		24.59		0.0	25.5
			1	104		23.40		0.0	24.0		24.27		0.0	25.5
			50	0		22.39		0.0	24.0		23.68		0.5	25.0
			50	28		23.38		0.0	24.0		24.53		0.0	25.5
			50	56		22.39		0.0	24.0		23.43		0.5	25.0
			100	0		22.48		0.0	24.0		23.49		0.5	25.0
		QPSK	1	1		23.40		0.0	24.0		24.55		0.0	25.5
			1	52		**23.45**		0.0	24.0		**24.56**		0.0	25.5
			1	104		23.39		0.0	24.0		24.24		0.0	25.5
			50	0		22.42		0.0	24.0		23.66		1.0	24.5
			50	28		**23.42**		0.0	24.0		**24.51**		0.0	25.5
			50	56		22.42		0.0	24.0		23.41		1.0	24.5
			100	0		22.52		0.0	24.0		23.48		1.0	24.5
		16QAM	1	1		22.32		0.0	24.0		23.60		1.0	24.5
			1	52		22.35		0.0	24.0		23.57		1.0	24.5
			1	104		22.32		0.0	24.0		23.23		1.0	24.5
		64QAM	1	1		21.05		1.5	22.5		22.39		2.5	23.0
		256QAM	1	1		18.47		3.5	20.5		20.01		4.5	21.0
	CP-OFDM	QPSK	1	1		21.95		0.0	24.0		23.19		1.5	24.0
BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit	Measured Pwr (dBm)			MPR	Tune-up Limit
					166300	167300	168300			166300	167300	168300		
					831.50 MHz	836.50 MHz	841.50 MHz			831.50 MHz	836.50 MHz	841.50 MHz		
15 MHz	DFT-s-OFDM	π/2 BPSK	1	1		23.31		0.0	24.0		24.71		0.0	25.5
			1	39		23.33		0.0	24.0		24.68		0.0	25.5
			1	77		23.32		0.0	24.0		24.45		0.0	25.5
			36	0		22.29		0.0	24.0		23.84		0.5	25.0
			36	21		23.37		0.0	24.0		24.68		0.0	25.5
			36	43		22.33		0.0	24.0		23.61		0.5	25.0
			75	0		22.42		0.0	24.0		23.79		0.5	25.0
		QPSK	1	1		23.37		0.0	24.0		24.81		0.0	25.5
			1	39		23.43		0.0	24.0		24.58		0.0	25.5
			1	77		23.36		0.0	24.0		24.36		0.0	25.5
			36	0		22.36		0.0	24.0		23.78		1.0	24.5
			36	21		23.39		0.0	24.0		24.62		0.0	25.5
			36	43		22.41		0.0	24.0		23.57		1.0	24.5
			75	0		22.44		0.0	24.0		23.75		1.0	24.5
		16QAM	1	1		22.38		0.0	24.0		23.65		1.0	24.5
			1	39		22.32		0.0	24.0		23.55		1.0	24.5
			1	77		22.35		0.0	24.0		23.30		1.0	24.5
		64QAM	1	1		21.02		1.5	22.5		22.42		2.5	23.0
		256QAM	1	1		18.48		3.5	20.5		20.00		4.5	21.0
	CP-OFDM	QPSK	1	1		21.95		0.0	24.0		23.24		1.5	24.0

NR Band n5 (Main1) Measured Results (Continued)

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit	Measured Pwr (dBm)			MPR	Tune-up Limit
					165800	167300	168800			165800	167300	168800		
					829.00 MHz	836.50 MHz	844.00 MHz			829.00 MHz	836.50 MHz	844.00 MHz		
10 MHz	DFT-s-OFDM	π/2 BPSK	1	1		23.21		0.0	24.0		24.63		0.0	25.5
			1	25		23.27		0.0	24.0		24.53		0.0	25.5
			1	50		23.24		0.0	24.0		24.34		0.0	25.5
			25	0		22.23		0.0	24.0		23.67		0.5	25.0
			25	13		23.33		0.0	24.0		24.61		0.0	25.5
			25	27		22.32		0.0	24.0		23.56		0.5	25.0
			50	0		22.31		0.0	24.0		23.57		0.5	25.0
		QPSK	1	1		23.25		0.0	24.0		24.54		0.0	25.5
			1	25		23.29		0.0	24.0		24.47		0.0	25.5
			1	50		23.20		0.0	24.0		24.28		0.0	25.5
			25	0		22.27		0.0	24.0		23.70		1.0	24.5
			25	13		23.31		0.0	24.0		24.61		0.0	25.5
			25	27		22.30		0.0	24.0		23.57		1.0	24.5
			50	0		22.34		0.0	24.0		23.61		1.0	24.5
		16QAM	1	1		22.16		0.0	24.0		23.56		1.0	24.5
			1	25		22.22		0.0	24.0		23.45		1.0	24.5
			1	50		22.19		0.0	24.0		23.26		1.0	24.5
		64QAM	1	1		20.90		1.5	22.5		22.22		2.5	23.0
		256QAM	1	1		18.22		3.5	20.5		19.46		4.5	21.0
	CP-OFDM	QPSK	1	1		21.71		0.0	24.0		23.12		1.5	24.0

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit	Measured Pwr (dBm)			MPR	Tune-up Limit
					165300	167300	169300			165300	167300	169300		
					826.50 MHz	836.50 MHz	846.50 MHz			826.50 MHz	836.50 MHz	846.50 MHz		
5 MHz	DFT-s-OFDM	π/2 BPSK	1	1	23.23	23.24	23.33	0.0	24.0	24.74	24.77	24.57	0.0	25.5
			1	12	23.09	23.26	23.31	0.0	24.0	24.53	24.51	24.23	0.0	25.5
			1	23	23.14	23.26	23.45	0.0	24.0	24.66	24.58	23.89	0.0	25.5
			12	0	22.20	22.19	22.28	0.0	24.0	23.67	23.75	23.40	0.5	25.0
			12	6	23.14	23.21	23.40	0.0	24.0	24.49	24.52	24.12	0.0	25.5
			12	13	22.14	22.29	22.42	0.0	24.0	23.63	23.59	23.06	0.5	25.0
			25	0	22.19	22.31	22.40	0.0	24.0	23.65	23.69	23.10	0.5	25.0
		QPSK	1	1	23.24	23.25	23.30	0.0	24.0	24.71	24.75	24.50	0.0	25.5
			1	12	23.13	23.26	23.36	0.0	24.0	24.51	24.48	24.16	0.0	25.5
			1	23	23.13	23.40	23.44	0.0	24.0	24.65	24.57	23.81	0.0	25.5
			12	0	22.23	22.21	22.31	0.0	24.0	23.66	23.74	23.33	1.0	24.5
			12	6	23.18	23.26	23.37	0.0	24.0	24.46	24.50	24.10	0.0	25.5
			12	13	22.18	22.28	22.39	0.0	24.0	23.63	23.58	23.04	1.0	24.5
			25	0	22.22	22.30	22.43	0.0	24.0	23.65	23.60	23.19	1.0	24.5
		16QAM	1	1	22.20	22.14	22.32	0.0	24.0	23.71	23.74	23.40	1.0	24.5
			1	12	22.08	22.20	22.31	0.0	24.0	23.51	23.49	23.12	1.0	24.5
			1	23	22.12	22.26	22.41	0.0	24.0	23.60	23.56	22.80	1.0	24.5
		64QAM	1	1	20.92	20.91	21.01	1.5	22.5	22.42	22.45	22.22	2.5	23.0
		256QAM	1	1	18.30	18.26	18.32	3.5	20.5	19.89	19.75	19.65	4.5	21.0
	CP-OFDM	QPSK	1	1	21.74	21.73	21.83	0.0	24.0	23.24	23.23	23.05	1.5	24.0

NR Band n70 (Main2) Measured Results

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Maximum Allowed Average Power (dBm) DSI = 3 Measured Pwr (dBm)			MPR	Tune-up Limit	Maximum Allowed Average Power (dBm) DSI = 0, 4, 5 Measured Pwr (dBm)			MPR	Tune-up Limit
						340500					340500			
						1702.50 MHz					1702.50 MHz			
15 MHz	DFT-s-OFDM	π/2 BPSK	1	1		23.55		0.0	25.0		19.25		0.0	20.0
			1	39		23.24		0.0	25.0		19.26		0.0	20.0
			1	77		23.53		0.0	25.0		19.23		0.0	20.0
			36	0		22.24		0.5	24.5		19.21		0.0	20.0
			36	21		23.15		0.0	25.0		19.25		0.0	20.0
			36	43		22.44		0.5	24.5		19.26		0.0	20.0
			75	0		22.26		0.5	24.5		19.22		0.0	20.0
		QPSK	1	1		23.29		0.0	25.0		19.30		0.0	20.0
			1	39		22.99		0.0	25.0		**19.37**		0.0	20.0
			1	77		**23.62**		0.0	25.0		19.30		0.0	20.0
			36	0		22.04		1.0	24.0		19.24		0.0	20.0
			36	21		**23.04**		0.0	25.0		**19.31**		0.0	20.0
			36	43		22.26		1.0	24.0		19.30		0.0	20.0
			75	0		22.10		1.0	24.0		19.25		0.0	20.0
		16QAM	1	1		22.16		1.0	24.0		19.32		0.0	20.0
			1	39		21.89		1.0	24.0		19.33		0.0	20.0
			1	77		22.54		1.0	24.0		19.31		0.0	20.0
		64QAM	1	1		20.82		2.5	22.5		19.46		0.0	20.0
		256QAM	1	1		18.55		4.5	20.5		17.79		0.0	20.0
	CP-OFDM	QPSK	1	1		21.77		1.5	23.5		19.35		0.0	20.0

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm) 340000	340500	341000	MPR	Tune-up Limit	Measured Pwr (dBm) 340000	340500	341000	MPR	Tune-up Limit
					1700.00 MHz	1702.50 MHz	1705.00 MHz			1700.00 MHz	1702.50 MHz	1705.00 MHz		
10 MHz	DFT-s-OFDM	π/2 BPSK	1	1		23.23		0.0	25.0		19.14		0.0	20.0
			1	25		22.79		0.0	25.0		19.11		0.0	20.0
			1	50		23.46		0.0	25.0		19.12		0.0	20.0
			25	0		22.11		0.5	24.5		19.09		0.0	20.0
			25	13		22.86		0.0	25.0		19.09		0.0	20.0
			25	27		22.12		0.5	24.5		19.12		0.0	20.0
			50	0		22.03		0.5	24.5		19.10		0.0	20.0
		QPSK	1	1		23.17		0.0	25.0		19.13		0.0	20.0
			1	25		22.74		0.0	25.0		19.17		0.0	20.0
			1	50		23.43		0.0	25.0		19.13		0.0	20.0
			25	0		21.94		1.0	24.0		19.16		0.0	20.0
			25	13		22.82		0.0	25.0		19.19		0.0	20.0
			25	27		22.09		1.0	24.0		19.13		0.0	20.0
			50	0		22.00		1.0	24.0		19.14		0.0	20.0
		16QAM	1	1		22.11		1.0	24.0		19.27		0.0	20.0
			1	25		21.70		1.0	24.0		19.24		0.0	20.0
			1	50		22.41		1.0	24.0		19.26		0.0	20.0
		64QAM	1	1		20.77		2.5	22.5		19.37		0.0	20.0
		256QAM	1	1		18.57		4.5	20.5		18.07		0.0	20.0
	CP-OFDM	QPSK	1	1		21.80		1.5	23.5		19.16		0.0	20.0

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm) 339500	340500	341500	MPR	Tune-up Limit	Measured Pwr (dBm) 339500	340500	341500	MPR	Tune-up Limit
					1697.50 MHz	1702.50 MHz	1707.50 MHz			1697.50 MHz	1702.50 MHz	1707.50 MHz		
5 MHz	DFT-s-OFDM	π/2 BPSK	1	1	22.99		23.67	0.0	25.0	19.32		19.21	0.0	20.0
			1	12	22.82		23.41	0.0	25.0	19.30		19.18	0.0	20.0
			1	23	23.21		23.65	0.0	25.0	19.30		19.16	0.0	20.0
			12	0	22.16		22.44	0.5	24.5	19.34		19.18	0.0	20.0
			12	6	22.84		23.39	0.0	25.0	19.22		19.21	0.0	20.0
			12	13	22.28		22.49	0.5	24.5	19.25		19.22	0.0	20.0
			25	0	22.21		22.45	0.5	24.5	19.19		19.22	0.0	20.0
		QPSK	1	1	23.04		23.61	0.0	25.0	19.25		19.25	0.0	20.0
			1	12	22.83		23.37	0.0	25.0	19.24		19.18	0.0	20.0
			1	23	23.22		23.69	0.0	25.0	19.28		19.20	0.0	20.0
			12	0	21.87		22.40	1.0	24.0	19.24		19.19	0.0	20.0
			12	6	22.86		23.35	0.0	25.0	19.30		19.25	0.0	20.0
			12	13	21.99		22.46	1.0	24.0	19.29		19.26	0.0	20.0
			25	0	21.92		22.42	1.0	24.0	19.23		19.18	0.0	20.0
		16QAM	1	1	22.06		22.56	1.0	24.0	19.37		19.33	0.0	20.0
			1	12	21.86		22.33	1.0	24.0	19.29		19.26	0.0	20.0
			1	23	22.26		22.64	1.0	24.0	19.35		19.31	0.0	20.0
		64QAM	1	1	20.69		21.16	2.5	22.5	19.47		19.40	0.0	20.0
		256QAM	1	1	18.45		18.97	4.5	20.5	17.52		17.85	0.0	20.0
	CP-OFDM	QPSK	1	1	21.73		22.24	1.5	23.5	19.28		19.25	0.0	20.0

NR Band n70 (Sub.2) Measured Results

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Maximum Allowed Average Power (dBm) DSI = 0, 4, 5 Measured Pwr (dBm)			MPR	Tune-up Limit	Maximum Allowed Average Power (dBm) DSI = 3 Measured Pwr (dBm)			MPR	Tune-up Limit
						340500					340500			
						1702.50 MHz					1702.50 MHz			
15 MHz	DFT-s-OFDM	π/2 BPSK	1	1		18.58		0.0	19.0		19.19		0.0	20.0
			1	39		18.59		0.0	19.0		19.17		0.0	20.0
			1	77		18.50		0.0	19.0		19.08		0.0	20.0
			36	0		18.52		0.0	19.0		19.17		0.0	20.0
			36	21		18.54		0.0	19.0		19.15		0.0	20.0
			36	43		18.57		0.0	19.0		19.11		0.0	20.0
			75	0		18.52		0.0	19.0		19.05		0.0	20.0
		QPSK	1	1		18.59		0.0	19.0		19.35		0.0	20.0
			1	39		18.60		0.0	19.0		19.47		0.0	20.0
			1	77		18.59		0.0	19.0		19.19		0.0	20.0
			36	0		18.52		0.0	19.0		19.27		0.0	20.0
			36	21		18.57		0.0	19.0		19.43		0.0	20.0
			36	43		18.53		0.0	19.0		19.23		0.0	20.0
			75	0		18.53		0.0	19.0		19.20		0.0	20.0
		16QAM	1	1		18.59		0.0	19.0		19.31		0.0	20.0
			1	39		18.63		0.0	19.0		19.28		0.0	20.0
			1	77		18.54		0.0	19.0		19.14		0.0	20.0
		64QAM	1	1		18.71		0.0	19.0		19.43		0.0	20.0
		256QAM	1	1		17.49		0.5	18.5		18.06		0.0	20.0
	CP-OFDM	QPSK	1	1		18.55		0.0	19.0		19.54		0.0	20.0

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit	Measured Pwr (dBm)			MPR	Tune-up Limit
					340000	340500	341000			340000	340500	341000		
					1700.00 MHz	1702.50 MHz	1705.00 MHz			1700.00 MHz	1702.50 MHz	1705.00 MHz		
10 MHz	DFT-s-OFDM	π/2 BPSK	1	1		18.40		0.0	19.0		19.10		0.0	20.0
			1	25		18.41		0.0	19.0		19.11		0.0	20.0
			1	50		18.36		0.0	19.0		19.05		0.0	20.0
			25	0		18.40		0.0	19.0		19.11		0.0	20.0
			25	13		18.40		0.0	19.0		19.11		0.0	20.0
			25	27		18.32		0.0	19.0		19.14		0.0	20.0
			50	0		18.28		0.0	19.0		19.13		0.0	20.0
		QPSK	1	1		18.42		0.0	19.0		19.20		0.0	20.0
			1	25		18.32		0.0	19.0		19.13		0.0	20.0
			1	50		18.27		0.0	19.0		19.09		0.0	20.0
			25	0		18.44		0.0	19.0		19.16		0.0	20.0
			25	13		18.33		0.0	19.0		19.17		0.0	20.0
			25	27		18.32		0.0	19.0		19.13		0.0	20.0
			50	0		18.34		0.0	19.0		19.19		0.0	20.0
		16QAM	1	1		18.49		0.0	19.0		19.31		0.0	20.0
			1	25		18.41		0.0	19.0		19.25		0.0	20.0
			1	50		18.34		0.0	19.0		19.17		0.0	20.0
		64QAM	1	1		18.54		0.0	19.0		19.37		0.0	20.0
		256QAM	1	1		17.80		0.5	18.5		18.07		0.0	20.0
	CP-OFDM	QPSK	1	1		18.44		0.0	19.0		19.27		0.0	20.0

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit	Measured Pwr (dBm)			MPR	Tune-up Limit
					339500	340500	341500			339500	340500	341500		
					1697.50 MHz	1702.50 MHz	1707.50 MHz			1697.50 MHz	1702.50 MHz	1707.50 MHz		
5 MHz	DFT-s-OFDM	π/2 BPSK	1	1	18.48		18.45	0.0	19.0	19.36		19.24	0.0	20.0
			1	12	18.44		18.36	0.0	19.0	19.21		19.20	0.0	20.0
			1	23	18.48		18.35	0.0	19.0	19.25		19.17	0.0	20.0
			12	0	18.45		18.35	0.0	19.0	19.24		19.25	0.0	20.0
			12	6	18.47		18.37	0.0	19.0	19.25		19.18	0.0	20.0
			12	13	18.50		18.39	0.0	19.0	19.30		19.22	0.0	20.0
			25	0	18.45		18.37	0.0	19.0	19.27		19.22	0.0	20.0
		QPSK	1	1	18.46		18.39	0.0	19.0	19.41		19.27	0.0	20.0
			1	12	18.48		18.40	0.0	19.0	19.29		19.20	0.0	20.0
			1	23	18.47		18.40	0.0	19.0	19.29		19.18	0.0	20.0
			12	0	18.47		18.41	0.0	19.0	19.31		19.25	0.0	20.0
			12	6	18.46		18.44	0.0	19.0	19.32		19.19	0.0	20.0
			12	13	18.48		18.41	0.0	19.0	19.30		19.22	0.0	20.0
			25	0	18.43		18.41	0.0	19.0	19.31		19.23	0.0	20.0
		16QAM	1	1	18.52		18.49	0.0	19.0	19.46		19.34	0.0	20.0
			1	12	18.53		18.42	0.0	19.0	19.39		19.27	0.0	20.0
			1	23	18.58		18.44	0.0	19.0	19.36		19.25	0.0	20.0
		64QAM	1	1	18.61		18.57	0.0	19.0	19.61		19.46	0.0	20.0
		256QAM	1	1	17.51		17.86	0.5	18.5	17.64		18.34	0.0	20.0
	CP-OFDM	QPSK	1	1	18.47		18.41	0.0	19.0	19.44		19.22	0.0	20.0

NR Band n66 (Main2) Measured Results

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Maximum Allowed Average Power (dBm)			MPR	Tune-up Limit	Maximum Allowed Average Power (dBm)			MPR	Tune-up Limit
					Pmax / DSI = 3					DSI = 0, 4, 5				
					Measured Pwr (dBm)					Measured Pwr (dBm)				
						349000				346000	349000	352000		
						1745.00 MHz				1730.00 MHz	1745.00 MHz	1760.00 MHz		
40 MHz	DFT-s-OFDM	π/2 BPSK	1	1		24.05		0.0	25.0		19.30		0.0	20.0
			1	107		24.04		0.0	25.0		18.97		0.0	20.0
			1	214		23.12		0.0	25.0		18.88		0.0	20.0
			108	0		23.20		0.5	24.5		19.24		0.0	20.0
			108	54		24.09		0.0	25.0		19.08		0.0	20.0
			108	108		22.84		0.5	24.5		19.02		0.0	20.0
			216	0		22.98		0.5	24.5		19.12		0.0	20.0
		QPSK	1	1		**24.13**		0.0	25.0		**19.40**		0.0	20.0
			1	107		24.06		0.0	25.0		19.03		0.0	20.0
			1	214		23.06		0.0	25.0		18.96		0.0	20.0
			108	0		23.08		1.0	24.0		19.27		0.0	20.0
			108	54		**24.14**		0.0	25.0		**19.28**		0.0	20.0
			108	108		22.80		1.0	24.0		19.06		0.0	20.0
			216	0		23.00		1.0	24.0		19.10		0.0	20.0
		16QAM	1	1		22.94		1.0	24.0		19.34		0.0	20.0
			1	107		23.06		1.0	24.0		19.02		0.0	20.0
			1	214		22.07		1.0	24.0		18.89		0.0	20.0
		64QAM	1	1		21.65		2.5	22.5		19.53		0.0	20.0
		256QAM	1	1		19.17		4.5	20.5		18.49		0.0	20.0
	CP-OFDM	QPSK	1	1		22.62		1.5	23.5		19.45		0.0	20.0
BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit	Measured Pwr (dBm)			MPR	Tune-up Limit
						349000				345500	349000	352500		
						1745.00 MHz				1727.50 MHz	1745.00 MHz	1762.50 MHz		
35 MHz	DFT-s-OFDM	π/2 BPSK	1	1		24.36		0.0	25.0		19.33		0.0	20.0
			1	93		24.25		0.0	25.0		18.98		0.0	20.0
			1	186		23.50		0.0	25.0		19.08		0.0	20.0
			90	0		23.38		0.5	24.5		19.19		0.0	20.0
			90	49		24.27		0.0	25.0		19.04		0.0	20.0
			90	98		23.05		0.5	24.5		18.99		0.0	20.0
			180	0		23.21		0.5	24.5		19.07		0.0	20.0
		QPSK	1	1		24.30		0.0	25.0		19.42		0.0	20.0
			1	93		24.29		0.0	25.0		19.08		0.0	20.0
			1	186		23.47		0.0	25.0		19.11		0.0	20.0
			90	0		23.33		1.0	24.0		18.88		0.0	20.0
			90	49		24.24		0.0	25.0		18.87		0.0	20.0
			90	98		23.01		1.0	24.0		19.06		0.0	20.0
			180	0		23.25		1.0	24.0		18.94		0.0	20.0
		16QAM	1	1		23.30		1.0	24.0		19.25		0.0	20.0
			1	93		23.21		1.0	24.0		18.92		0.0	20.0
			1	186		22.49		1.0	24.0		18.95		0.0	20.0
		64QAM	1	1		22.02		2.5	22.5		19.49		0.0	20.0
		256QAM	1	1		19.43		4.5	20.5		18.45		0.0	20.0
	CP-OFDM	QPSK	1	1		22.89		1.5	23.5		19.50		0.0	20.0
BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit	Measured Pwr (dBm)			MPR	Tune-up Limit
						349000				345000	349000	353000		
						1745.00 MHz				1725.00 MHz	1745.00 MHz	1765.00 MHz		
30 MHz	DFT-s-OFDM	π/2 BPSK	1	1		24.12		0.0	25.0		19.18		0.0	20.0
			1	79		24.04		0.0	25.0		19.00		0.0	20.0
			1	158		23.40		0.0	25.0		18.92		0.0	20.0
			80	0		23.15		0.5	24.5		19.09		0.0	20.0
			80	40		24.06		0.0	25.0		19.06		0.0	20.0
			80	80		23.02		0.5	24.5		19.03		0.0	20.0
			160	0		23.13		0.5	24.5		19.07		0.0	20.0
		QPSK	1	1		24.04		0.0	25.0		19.29		0.0	20.0
			1	79		24.07		0.0	25.0		19.03		0.0	20.0
			1	158		23.34		0.0	25.0		19.00		0.0	20.0
			80	0		23.13		1.0	24.0		19.17		0.0	20.0
			80	40		24.12		0.0	25.0		19.10		0.0	20.0
			80	80		22.98		1.0	24.0		19.10		0.0	20.0
			160	0		23.02		1.0	24.0		19.13		0.0	20.0
		16QAM	1	1		23.02		1.0	24.0		19.27		0.0	20.0
			1	79		23.01		1.0	24.0		19.07		0.0	20.0
			1	158		22.36		1.0	24.0		18.94		0.0	20.0
		64QAM	1	1		21.73		2.5	22.5		19.44		0.0	20.0
		256QAM	1	1		19.27		4.5	20.5		18.44		0.0	20.0
	CP-OFDM	QPSK	1	1		22.65		1.5	23.5		19.39		0.0	20.0

NR Band n66 (Main2) Measured Results (Continued)

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit	Measured Pwr (dBm)			MPR	Tune-up Limit
						349000				344500	349000	353500		
						1745.00 MHz				1722.50 MHz	1745.00 MHz	1767.50 MHz		
25 MHz	DFT-s-OFDM	π/2 BPSK	1	1		24.30		0.0	25.0		19.35		0.0	20.0
			1	66		24.05		0.0	25.0		19.09		0.0	20.0
			1	131		23.77		0.0	25.0		19.18		0.0	20.0
			64	0		23.15		0.5	24.5		19.21		0.0	20.0
			64	34		24.07		0.0	25.0		19.13		0.0	20.0
			64	69		22.93		0.5	24.5		19.09		0.0	20.0
			128	0		23.11		0.5	24.5		19.13		0.0	20.0
		QPSK	1	1		24.25		0.0	25.0		19.38		0.0	20.0
			1	66		24.11		0.0	25.0		19.13		0.0	20.0
			1	131		23.74		0.0	25.0		19.18		0.0	20.0
			64	0		23.15		1.0	24.0		19.18		0.0	20.0
			64	34		23.96		0.0	25.0		19.12		0.0	20.0
			64	69		22.99		1.0	24.0		19.12		0.0	20.0
			128	0		23.09		1.0	24.0		19.17		0.0	20.0
		16QAM	1	1		23.21		1.0	24.0		19.35		0.0	20.0
			1	66		23.03		1.0	24.0		19.08		0.0	20.0
			1	131		22.75		1.0	24.0		19.17		0.0	20.0
		64QAM	1	1		21.96		2.5	22.5		19.54		0.0	20.0
		256QAM	1	1		19.30		4.5	20.5		18.43		0.0	20.0
	CP-OFDM	QPSK	1	1		22.83		1.5	23.5		19.46		0.0	20.0

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit	Measured Pwr (dBm)			MPR	Tune-up Limit
					344000	349000	354000			344000	349000	354000		
					1720.00 MHz	1745.00 MHz	1770.00 MHz			1720.00 MHz	1745.00 MHz	1770.00 MHz		
20 MHz	DFT-s-OFDM	π/2 BPSK	1	1	24.17	24.14	24.11	0.0	25.0	19.31	19.04	18.87	0.0	20.0
			1	52	24.13	24.05	23.99	0.0	25.0	19.31	18.78	18.91	0.0	20.0
			1	104	24.07	24.01	24.01	0.0	25.0	19.31	18.86	19.00	0.0	20.0
			50	0	23.09	23.14	23.15	0.5	24.5	19.28	18.88	18.98	0.0	20.0
			50	28	24.02	24.06	23.96	0.0	25.0	19.35	18.90	19.00	0.0	20.0
			50	56	23.94	23.01	22.95	0.5	24.5	19.34	18.83	19.02	0.0	20.0
			100	0	23.05	23.07	23.01	0.5	24.5	19.36	18.88	18.99	0.0	20.0
		QPSK	1	1	24.21	24.20	24.11	0.0	25.0	19.38	19.14	18.88	0.0	20.0
			1	52	24.12	24.06	23.97	0.0	25.0	19.32	18.87	18.96	0.0	20.0
			1	104	23.96	24.06	23.90	0.0	25.0	19.34	18.92	19.10	0.0	20.0
			50	0	23.12	23.16	23.10	1.0	24.0	19.33	18.99	19.00	0.0	20.0
			50	28	24.07	24.09	24.04	0.0	25.0	19.39	18.92	19.03	0.0	20.0
			50	56	23.99	23.05	22.97	1.0	24.0	19.34	18.87	19.03	0.0	20.0
			100	0	23.13	23.11	23.03	1.0	24.0	19.38	18.94	19.01	0.0	20.0
		16QAM	1	1	23.24	23.16	23.16	1.0	24.0	19.37	19.10	18.86	0.0	20.0
			1	52	23.12	23.03	22.97	1.0	24.0	19.27	18.80	18.93	0.0	20.0
			1	104	23.02	22.96	22.96	1.0	24.0	19.32	18.87	19.00	0.0	20.0
		64QAM	1	1	21.89	21.77	21.84	2.5	22.5	19.59	19.24	19.04	0.0	20.0
		256QAM	1	1	19.16	19.10	19.13	4.5	20.5	18.52	18.19	17.96	0.0	20.0
	CP-OFDM	QPSK	1	1	22.74	22.65	22.66	1.5	23.5	19.47	19.20	18.92	0.0	20.0

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit	Measured Pwr (dBm)			MPR	Tune-up Limit
					343500	349000	354500			343500	349000	354500		
					1717.50 MHz	1745.00 MHz	1772.50 MHz			1717.50 MHz	1745.00 MHz	1772.50 MHz		
15 MHz	DFT-s-OFDM	π/2 BPSK	1	1	24.16	24.12	24.00	0.0	25.0	19.43	19.06	18.93	0.0	20.0
			1	39	23.91	24.15	23.85	0.0	25.0	19.34	18.89	18.96	0.0	20.0
			1	77	24.37	24.12	23.98	0.0	25.0	19.41	18.91	19.06	0.0	20.0
			36	0	23.23	23.01	22.88	0.5	24.5	19.48	18.99	19.02	0.0	20.0
			36	21	23.87	24.00	23.84	0.0	25.0	19.39	18.93	18.97	0.0	20.0
			36	43	23.09	24.01	22.98	0.5	24.5	19.45	18.95	19.06	0.0	20.0
			75	0	23.10	23.00	22.96	0.5	24.5	19.41	19.00	19.02	0.0	20.0
		QPSK	1	1	24.18	24.12	23.87	0.0	25.0	19.45	19.10	18.95	0.0	20.0
			1	39	23.76	24.06	23.76	0.0	25.0	19.39	18.93	18.97	0.0	20.0
			1	77	24.27	24.05	23.89	0.0	25.0	19.38	18.97	19.07	0.0	20.0
			36	0	23.14	23.11	22.82	1.0	24.0	19.50	18.99	18.98	0.0	20.0
			36	21	23.80	24.06	23.77	0.0	25.0	19.43	18.94	18.99	0.0	20.0
			36	43	23.02	23.95	23.02	1.0	24.0	19.44	18.99	19.06	0.0	20.0
			75	0	23.03	23.10	22.92	1.0	24.0	19.40	19.02	19.05	0.0	20.0
		16QAM	1	1	23.13	23.08	22.79	1.0	24.0	19.39	19.08	18.90	0.0	20.0
			1	39	22.74	22.97	22.74	1.0	24.0	19.31	18.85	18.93	0.0	20.0
			1	77	23.20	23.00	22.92	1.0	24.0	19.33	18.94	19.01	0.0	20.0
		64QAM	1	1	21.75	21.74	21.53	2.5	22.5	19.59	19.28	19.11	0.0	20.0
		256QAM	1	1	19.11	19.08	18.99	4.5	20.5	18.54	18.18	18.04	0.0	20.0
	CP-OFDM	QPSK	1	1	22.62	22.59	22.41	1.5	23.5	19.46	19.19	19.02	0.0	20.0

NR Band n66 (Main2) Measured Results (Continued)

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit	Measured Pwr (dBm)			MPR	Tune-up Limit
					343000	349000	355000			343000	349000	355000		
					1715.00 MHz	1745.00 MHz	1775.00 MHz			1715.00 MHz	1745.00 MHz	1775.00 MHz		
10 MHz	DFT-s-OFDM	π/2 BPSK	1	1	24.02	23.97	23.89	0.0	25.0	19.39	18.85	18.89	0.0	20.0
			1	25	23.89	23.93	23.86	0.0	25.0	19.44	18.86	18.98	0.0	20.0
			1	50	24.09	23.87	23.98	0.0	25.0	19.39	18.84	18.98	0.0	20.0
			25	0	23.05	22.94	22.92	0.5	24.5	19.44	18.86	18.90	0.0	20.0
			25	13	23.92	23.92	23.91	0.0	25.0	19.46	18.88	18.95	0.0	20.0
			25	27	23.12	22.92	22.94	0.5	24.5	19.40	18.87	18.93	0.0	20.0
			50	0	23.06	22.93	22.89	0.5	24.5	19.40	18.86	18.93	0.0	20.0
		QPSK	1	1	24.03	23.97	23.92	0.0	25.0	19.39	18.93	18.87	0.0	20.0
			1	25	23.82	23.99	23.90	0.0	25.0	19.46	18.94	19.00	0.0	20.0
			1	50	24.12	23.93	23.94	0.0	25.0	19.38	18.91	18.93	0.0	20.0
			25	0	23.02	22.92	22.90	1.0	24.0	19.43	18.88	18.96	0.0	20.0
			25	13	23.87	23.90	23.96	0.0	25.0	19.44	18.91	19.00	0.0	20.0
			25	27	23.00	22.89	22.93	1.0	24.0	19.39	18.85	18.97	0.0	20.0
			50	0	23.02	22.90	22.88	1.0	24.0	19.44	18.90	18.95	0.0	20.0
		16QAM	1	1	23.00	22.93	22.89	1.0	24.0	19.35	18.83	18.90	0.0	20.0
			1	25	22.80	22.88	22.91	1.0	24.0	19.43	18.83	18.96	0.0	20.0
			1	50	23.12	22.85	22.89	1.0	24.0	19.30	18.81	18.91	0.0	20.0
		64QAM	1	1	21.66	21.65	21.56	2.5	22.5	19.53	19.10	19.06	0.0	20.0
		256QAM	1	1	18.98	18.89	18.86	4.5	20.5	18.48	18.01	18.06	0.0	20.0
	CP-OFDM	QPSK	1	1	22.48	22.40	22.35	1.5	23.5	19.36	18.92	18.96	0.0	20.0

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit	Measured Pwr (dBm)			MPR	Tune-up Limit
					342500	349000	355500			342500	349000	355500		
					1712.50 MHz	1745.00 MHz	1777.50 MHz			1712.50 MHz	1745.00 MHz	1777.50 MHz		
5 MHz	DFT-s-OFDM	π/2 BPSK	1	1	23.91	23.92	23.89	0.0	25.0	19.29	18.89	18.92	0.0	20.0
			1	12	23.91	23.93	23.87	0.0	25.0	19.36	18.94	18.98	0.0	20.0
			1	23	23.88	23.87	23.84	0.0	25.0	19.36	18.85	18.94	0.0	20.0
			12	0	22.86	22.94	22.93	0.5	24.5	19.31	18.90	18.95	0.0	20.0
			12	6	23.85	23.90	23.95	0.0	25.0	19.38	18.94	18.93	0.0	20.0
			12	13	22.86	22.92	22.87	0.5	24.5	19.35	18.90	18.94	0.0	20.0
			25	0	22.83	22.93	22.84	0.5	24.5	19.36	18.92	18.96	0.0	20.0
		QPSK	1	1	23.91	23.95	23.83	0.0	25.0	19.35	18.88	18.92	0.0	20.0
			1	12	23.93	23.96	23.79	0.0	25.0	19.38	18.92	18.99	0.0	20.0
			1	23	23.85	23.91	23.84	0.0	25.0	19.31	18.85	18.94	0.0	20.0
			12	0	22.94	22.91	22.91	1.0	24.0	19.34	18.89	18.91	0.0	20.0
			12	6	23.89	23.96	23.87	0.0	25.0	19.35	18.93	18.92	0.0	20.0
			12	13	22.90	22.96	22.88	1.0	24.0	19.39	18.88	18.94	0.0	20.0
			25	0	22.89	22.88	22.88	1.0	24.0	19.39	18.93	18.96	0.0	20.0
		16QAM	1	1	22.92	22.91	22.85	1.0	24.0	19.31	18.85	18.93	0.0	20.0
			1	12	22.95	22.93	22.90	1.0	24.0	19.34	18.88	18.92	0.0	20.0
			1	23	22.90	22.88	22.84	1.0	24.0	19.37	18.86	18.89	0.0	20.0
		64QAM	1	1	21.54	21.52	21.54	2.5	22.5	19.48	19.09	19.10	0.0	20.0
		256QAM	1	1	18.84	18.87	18.86	4.5	20.5	18.41	18.00	18.01	0.0	20.0
	CP-OFDM	QPSK	1	1	22.36	22.37	22.34	1.5	23.5	19.35	18.93	18.93	0.0	20.0

NR Band n66 (Sub.2) Measured Results (Continued)

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Maximum Allowed Average Power (dBm)					Maximum Allowed Average Power (dBm)				
					DSI = 0, 4, 5					DSI = 3				
					Measured Pwr (dBm)			MPR	Tune-up Limit	Measured Pwr (dBm)			MPR	Tune-up Limit
					346000	349000	352000			346000	349000	352000		
					1730.00 MHz	1745.00 MHz	1760.00 MHz			1730.00 MHz	1745.00 MHz	1760.00 MHz		
40 MHz	DFT-s-OFDM	π/2 BPSK	1	1		18.14		0.0	18.5		18.86		0.0	19.5
			1	107		17.97		0.0	18.5		18.96		0.0	19.5
			1	214		18.00		0.0	18.5		18.97		0.0	19.5
			108	0		18.10		0.0	18.5		18.88		0.0	19.5
			108	54		18.02		0.0	18.5		19.02		0.0	19.5
			108	108		18.07		0.0	18.5		19.06		0.0	19.5
			216	0		18.06		0.0	18.5		19.01		0.0	19.5
		QPSK	1	1		18.01		0.0	18.5		18.92		0.0	19.5
			1	107		17.99		0.0	18.5		18.98		0.0	19.5
			1	214		18.05		0.0	18.5		19.13		0.0	19.5
			108	0		18.07		0.0	18.5		18.87		0.0	19.5
			108	54		18.10		0.0	18.5		18.91		0.0	19.5
			108	108		18.05		0.0	18.5		18.97		0.0	19.5
			216	0		18.13		0.0	18.5		18.94		0.0	19.5
		16QAM	1	1		18.01		0.0	18.5		18.84		0.0	19.5
			1	107		17.86		0.0	18.5		18.95		0.0	19.5
			1	214		17.90		0.0	18.5		18.96		0.0	19.5
		64QAM	1	1		18.23		0.0	18.5		19.02		0.0	19.5
		256QAM	1	1		17.60		0.0	18.5		17.68		0.0	19.5
	CP-OFDM	QPSK	1	1		18.16		0.0	18.5		19.32		0.0	19.5
BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit	Measured Pwr (dBm)			MPR	Tune-up Limit
					345500	349000	352500			345500	349000	352500		
					1727.50 MHz	1745.00 MHz	1762.50 MHz			1727.50 MHz	1745.00 MHz	1762.50 MHz		
35 MHz	DFT-s-OFDM	π/2 BPSK	1	1		18.20		0.0	18.5		18.89		0.0	19.5
			1	93		18.00		0.0	18.5		18.97		0.0	19.5
			1	186		18.24		0.0	18.5		19.00		0.0	19.5
			90	0		18.07		0.0	18.5		18.91		0.0	19.5
			90	49		18.01		0.0	18.5		19.01		0.0	19.5
			90	98		18.11		0.0	18.5		19.02		0.0	19.5
			180	0		18.05		0.0	18.5		18.99		0.0	19.5
		QPSK	1	1		18.20		0.0	18.5		18.90		0.0	19.5
			1	93		18.00		0.0	18.5		18.96		0.0	19.5
			1	186		18.17		0.0	18.5		18.99		0.0	19.5
			90	0		18.08		0.0	18.5		18.90		0.0	19.5
			90	49		18.01		0.0	18.5		18.98		0.0	19.5
			90	98		18.12		0.0	18.5		19.05		0.0	19.5
			180	0		18.14		0.0	18.5		18.99		0.0	19.5
		16QAM	1	1		18.08		0.0	18.5		18.86		0.0	19.5
			1	93		17.88		0.0	18.5		18.91		0.0	19.5
			1	186		18.06		0.0	18.5		19.00		0.0	19.5
		64QAM	1	1		18.29		0.0	18.5		19.01		0.0	19.5
		256QAM	1	1		17.62		0.0	18.5		18.05		0.0	19.5
	CP-OFDM	QPSK	1	1		18.24		0.0	18.5		18.98		0.0	19.5
BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit	Measured Pwr (dBm)			MPR	Tune-up Limit
					345000	349000	353000			345000	349000	353000		
					1725.00 MHz	1745.00 MHz	1765.00 MHz			1725.00 MHz	1745.00 MHz	1765.00 MHz		
30 MHz	DFT-s-OFDM	π/2 BPSK	1	1		18.15		0.0	18.5		19.27		0.0	19.5
			1	79		17.99		0.0	18.5		18.85		0.0	19.5
			1	158		18.09		0.0	18.5		18.82		0.0	19.5
			80	0		18.15		0.0	18.5		19.06		0.0	19.5
			80	40		18.02		0.0	18.5		18.91		0.0	19.5
			80	80		18.09		0.0	18.5		18.97		0.0	19.5
			160	0		18.02		0.0	18.5		18.96		0.0	19.5
		QPSK	1	1		18.19		0.0	18.5		19.30		0.0	19.5
			1	79		18.01		0.0	18.5		18.89		0.0	19.5
			1	158		18.08		0.0	18.5		18.82		0.0	19.5
			80	0		18.07		0.0	18.5		19.13		0.0	19.5
			80	40		18.03		0.0	18.5		18.95		0.0	19.5
			80	80		18.11		0.0	18.5		18.97		0.0	19.5
			160	0		18.03		0.0	18.5		19.01		0.0	19.5
		16QAM	1	1		18.07		0.0	18.5		19.26		0.0	19.5
			1	79		17.88		0.0	18.5		18.89		0.0	19.5
			1	158		17.93		0.0	18.5		18.84		0.0	19.5
		64QAM	1	1		18.27		0.0	18.5		19.42		0.0	19.5
		256QAM	1	1		17.72		0.0	18.5		18.67		0.0	19.5
	CP-OFDM	QPSK	1	1		18.13		0.0	18.5		19.28		0.0	19.5

NR Band n66 (Sub.2) Measured Results (Continued)

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit	Measured Pwr (dBm)			MPR	Tune-up Limit
					344500	349000	353500			344500	349000	353500		
					1722.50 MHz	1745.00 MHz	1767.50 MHz			1722.50 MHz	1745.00 MHz	1767.50 MHz		
25 MHz	DFT-s-OFDM	π/2 BPSK	1	1		18.16		0.0	18.5		18.98		0.0	19.5
			1	66		18.03		0.0	18.5		19.02		0.0	19.5
			1	131		18.11		0.0	18.5		19.20		0.0	19.5
			64	0		18.04		0.0	18.5		18.93		0.0	19.5
			64	34		18.04		0.0	18.5		18.98		0.0	19.5
			64	69		18.03		0.0	18.5		18.99		0.0	19.5
			128	0		18.07		0.0	18.5		19.00		0.0	19.5
		QPSK	1	1		18.21		0.0	18.5		18.99		0.0	19.5
			1	66		17.95		0.0	18.5		19.00		0.0	19.5
			1	131		18.17		0.0	18.5		19.19		0.0	19.5
			64	0		18.09		0.0	18.5		18.92		0.0	19.5
			64	34		18.01		0.0	18.5		18.98		0.0	19.5
			64	69		18.05		0.0	18.5		19.01		0.0	19.5
			128	0		18.08		0.0	18.5		19.00		0.0	19.5
		16QAM	1	1		18.11		0.0	18.5		18.94		0.0	19.5
			1	66		17.87		0.0	18.5		18.97		0.0	19.5
			1	131		18.06		0.0	18.5		19.14		0.0	19.5
		64QAM	1	1		18.32		0.0	18.5		19.09		0.0	19.5
		256QAM	1	1		17.61		0.0	18.5		18.13		0.0	19.5
	CP-OFDM	QPSK	1	1		18.17		0.0	18.5		19.05		0.0	19.5

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit	Measured Pwr (dBm)			MPR	Tune-up Limit
					344000	349000	354000			344000	349000	354000		
					1720.00 MHz	1745.00 MHz	1770.00 MHz			1720.00 MHz	1745.00 MHz	1770.00 MHz		
20 MHz	DFT-s-OFDM	π/2 BPSK	1	1	18.32	18.13	18.02	0.0	18.5	19.28	18.87	19.07	0.0	19.5
			1	52	18.11	17.92	18.04	0.0	18.5	18.89	18.86	18.93	0.0	19.5
			1	104	18.13	18.05	18.20	0.0	18.5	18.82	19.07	18.86	0.0	19.5
			50	0	18.15	18.05	18.05	0.0	18.5	19.06	18.83	19.03	0.0	19.5
			50	28	18.19	17.98	18.08	0.0	18.5	18.94	18.91	18.99	0.0	19.5
			50	56	18.14	18.04	18.16	0.0	18.5	18.82	18.99	18.91	0.0	19.5
			100	0	18.18	17.96	18.11	0.0	18.5	18.97	18.90	18.99	0.0	19.5
		QPSK	1	1	18.19	18.08	18.09	0.0	18.5	19.28	18.89	19.08	0.0	19.5
			1	52	18.11	17.93	18.05	0.0	18.5	18.88	18.85	18.91	0.0	19.5
			1	104	18.13	18.06	18.16	0.0	18.5	18.81	19.09	18.85	0.0	19.5
			50	0	18.15	18.05	18.05	0.0	18.5	19.06	18.83	19.02	0.0	19.5
			50	28	18.09	17.98	18.08	0.0	18.5	18.98	18.87	18.91	0.0	19.5
			50	56	18.15	18.00	18.15	0.0	18.5	18.82	18.97	18.89	0.0	19.5
			100	0	18.17	18.02	18.10	0.0	18.5	18.91	18.89	18.98	0.0	19.5
		16QAM	1	1	18.13	17.94	17.92	0.0	18.5	19.24	18.81	19.01	0.0	19.5
			1	52	18.04	17.85	17.96	0.0	18.5	18.86	18.80	18.89	0.0	19.5
			1	104	18.05	17.95	18.02	0.0	18.5	18.78	18.99	18.80	0.0	19.5
		64QAM	1	1	18.26	18.17	18.14	0.0	18.5	19.40	19.00	19.17	0.0	19.5
		256QAM	1	1	17.68	17.55	17.56	0.0	18.5	18.51	18.33	17.84	0.0	19.5
	CP-OFDM	QPSK	1	1	18.25	18.09	18.10	0.0	18.5	19.27	18.92	19.10	0.0	19.5

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit	Measured Pwr (dBm)			MPR	Tune-up Limit
					343500	349000	354500			343500	349000	354500		
					1717.50 MHz	1745.00 MHz	1772.50 MHz			1717.50 MHz	1745.00 MHz	1772.50 MHz		
15 MHz	DFT-s-OFDM	π/2 BPSK	1	1	18.29	18.07	17.99	0.0	18.5	19.24	18.71	18.95	0.0	19.5
			1	39	18.12	17.96	18.01	0.0	18.5	18.99	18.79	18.82	0.0	19.5
			1	77	18.16	18.10	18.15	0.0	18.5	18.95	18.97	18.82	0.0	19.5
			36	0	18.18	18.04	18.02	0.0	18.5	19.13	18.74	18.93	0.0	19.5
			36	21	18.23	18.01	18.08	0.0	18.5	19.00	18.80	18.87	0.0	19.5
			36	43	18.16	17.96	18.09	0.0	18.5	18.96	18.92	18.85	0.0	19.5
			75	0	18.19	18.09	18.08	0.0	18.5	19.04	18.87	18.90	0.0	19.5
		QPSK	1	1	18.31	18.02	17.98	0.0	18.5	19.26	18.73	18.96	0.0	19.5
			1	39	18.15	17.92	18.00	0.0	18.5	18.99	18.80	18.83	0.0	19.5
			1	77	18.18	18.02	18.14	0.0	18.5	18.95	19.00	18.78	0.0	19.5
			36	0	18.25	18.03	18.03	0.0	18.5	19.12	18.81	18.96	0.0	19.5
			36	21	18.19	18.03	18.07	0.0	18.5	19.03	18.84	18.88	0.0	19.5
			36	43	18.12	17.97	18.14	0.0	18.5	18.95	18.91	18.89	0.0	19.5
			75	0	18.26	18.04	18.07	0.0	18.5	19.02	18.88	18.93	0.0	19.5
		16QAM	1	1	18.16	17.94	17.89	0.0	18.5	19.21	18.71	18.90	0.0	19.5
			1	39	18.06	17.82	17.90	0.0	18.5	18.94	18.76	18.83	0.0	19.5
			1	77	18.08	17.93	18.05	0.0	18.5	18.98	19.00	18.77	0.0	19.5
		64QAM	1	1	18.39	18.15	18.09	0.0	18.5	19.37	18.83	19.10	0.0	19.5
		256QAM	1	1	17.76	17.52	17.51	0.0	18.5	18.56	18.23	17.76	0.0	19.5
	CP-OFDM	QPSK	1	1	18.24	18.08	18.05	0.0	18.5	19.30	18.81	19.01	0.0	19.5

NR Band n66 (Sub.2) Measured Results (Continued)

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit	Measured Pwr (dBm)			MPR	Tune-up Limit
					343000	349000	355000			343000	349000	355000		
					1715.00 MHz	1745.00 MHz	1775.00 MHz			1715.00 MHz	1745.00 MHz	1775.00 MHz		
10 MHz	DFT-s-OFDM	π/2 BPSK	1	1	18.20	17.85	17.91	0.0	18.5	19.16	18.69	18.76	0.0	19.5
			1	25	18.25	17.92	17.95	0.0	18.5	19.08	18.81	18.66	0.0	19.5
			1	50	18.12	17.88	17.99	0.0	18.5	18.90	18.88	18.64	0.0	19.5
			25	0	18.20	17.82	17.95	0.0	18.5	19.16	18.71	18.69	0.0	19.5
			25	13	18.19	17.90	17.99	0.0	18.5	19.08	18.79	18.68	0.0	19.5
			25	27	18.10	17.88	17.99	0.0	18.5	18.94	18.83	18.66	0.0	19.5
			50	0	18.09	17.90	17.94	0.0	18.5	19.11	18.78	18.65	0.0	19.5
		QPSK	1	1	18.20	17.79	17.92	0.0	18.5	19.16	18.70	18.72	0.0	19.5
			1	25	18.13	17.91	17.99	0.0	18.5	19.11	18.82	18.71	0.0	19.5
			1	50	18.12	17.89	17.97	0.0	18.5	18.92	18.91	18.68	0.0	19.5
			25	0	18.24	17.82	17.97	0.0	18.5	19.13	18.69	18.74	0.0	19.5
			25	13	18.13	17.91	17.98	0.0	18.5	19.12	18.79	18.68	0.0	19.5
			25	27	18.15	17.90	17.99	0.0	18.5	18.93	18.81	18.64	0.0	19.5
			50	0	18.08	17.88	17.97	0.0	18.5	19.09	18.77	18.72	0.0	19.5
		16QAM	1	1	18.14	17.77	17.88	0.0	18.5	19.17	18.71	18.76	0.0	19.5
			1	25	18.08	17.82	17.89	0.0	18.5	19.12	18.78	18.71	0.0	19.5
			1	50	18.02	17.79	17.89	0.0	18.5	18.91	18.86	18.57	0.0	19.5
		64QAM	1	1	18.35	17.96	18.07	0.0	18.5	19.35	18.86	18.89	0.0	19.5
		256QAM	1	1	17.69	17.30	17.43	0.0	18.5	18.63	18.15	18.11	0.0	19.5
	CP-OFDM	QPSK	1	1	18.24	17.87	17.96	0.0	18.5	19.19	18.69	18.76	0.0	19.5

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit	Measured Pwr (dBm)			MPR	Tune-up Limit
					342500	349000	355500			342500	349000	355500		
					1712.50 MHz	1745.00 MHz	1777.50 MHz			1712.50 MHz	1745.00 MHz	1777.50 MHz		
5 MHz	DFT-s-OFDM	π/2 BPSK	1	1	18.07	17.77	17.95	0.0	18.5	19.15	18.68	18.61	0.0	19.5
			1	12	18.11	17.86	17.88	0.0	18.5	19.14	18.80	18.63	0.0	19.5
			1	23	18.11	17.82	17.99	0.0	18.5	19.03	18.79	18.63	0.0	19.5
			12	0	18.10	17.83	17.97	0.0	18.5	19.10	18.73	18.64	0.0	19.5
			12	6	18.13	17.87	17.96	0.0	18.5	19.11	18.79	18.60	0.0	19.5
			12	13	18.17	17.88	17.86	0.0	18.5	19.06	18.82	18.61	0.0	19.5
			25	0	18.16	17.84	17.93	0.0	18.5	19.12	18.79	18.64	0.0	19.5
		QPSK	1	1	18.12	17.85	17.95	0.0	18.5	19.15	18.70	18.64	0.0	19.5
			1	12	18.17	17.87	17.98	0.0	18.5	19.12	18.77	18.69	0.0	19.5
			1	23	18.11	17.83	18.00	0.0	18.5	19.09	18.88	18.67	0.0	19.5
			12	0	18.11	17.86	17.97	0.0	18.5	19.11	18.78	18.66	0.0	19.5
			12	6	18.14	17.85	17.96	0.0	18.5	19.11	18.82	18.65	0.0	19.5
			12	13	18.12	17.85	17.95	0.0	18.5	19.12	18.80	18.59	0.0	19.5
			25	0	18.11	17.88	17.94	0.0	18.5	19.11	18.78	18.61	0.0	19.5
		16QAM	1	1	18.04	17.79	17.83	0.0	18.5	19.13	18.69	18.64	0.0	19.5
			1	12	18.08	17.82	17.76	0.0	18.5	19.09	18.78	18.61	0.0	19.5
			1	23	18.04	17.81	17.87	0.0	18.5	19.06	18.80	18.58	0.0	19.5
		64QAM	1	1	18.28	18.02	18.08	0.0	18.5	19.31	18.85	18.80	0.0	19.5
		256QAM	1	1	17.60	17.37	17.43	0.0	18.5	18.48	18.23	18.11	0.0	19.5
	CP-OFDM	QPSK	1	1	18.15	17.85	17.96	0.0	18.5	19.13	18.74	18.63	0.0	19.5

NR Band n25 (Main2) Measured Results

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Maximum Allowed Average Power (dBm)					Maximum Allowed Average Power (dBm)				
					Pmax / DSI =3					DSI = 0, 4, 5				
					Measured Pwr (dBm)			MPR	Tune-up Limit	Measured Pwr (dBm)			MPR	Tune-up Limit
						376500					376500			
						1882.50 MHz					1882.50 MHz			
40 MHz	DFT-s-OFDM	π/2 BPSK	1	1		24.32		0.0	25.0		18.64		0.0	20.0
			1	107		24.22		0.0	25.0		18.68		0.0	20.0
			1	214		23.45		0.0	25.0		18.68		0.0	20.0
			108	0		23.59		0.5	24.5		18.64		0.0	20.0
			108	54		24.28		0.0	25.0		18.66		0.0	20.0
			108	108		23.05		0.5	24.5		18.65		0.0	20.0
			216	0		23.33		0.5	24.5		18.65		0.0	20.0
		QPSK	1	1		24.23		0.0	25.0		18.65		0.0	20.0
			1	107		**24.50**		0.0	25.0		**18.68**		0.0	20.0
			1	214		23.39		0.0	25.0		18.57		0.0	20.0
			108	0		23.53		1.0	24.0		18.47		0.0	20.0
			108	54		**24.45**		0.0	25.0		**18.58**		0.0	20.0
			108	108		23.00		1.0	24.0		18.56		0.0	20.0
			216	0		23.29		1.0	24.0		18.62		0.0	20.0
		16QAM	1	1		23.19		1.0	24.0		18.74		0.0	20.0
			1	107		23.13		1.0	24.0		18.75		0.0	20.0
			1	214		22.39		1.0	24.0		18.74		0.0	20.0
		64QAM	1	1		21.90		2.5	22.5		18.86		0.0	20.0
		256QAM	1	1		19.73		4.5	20.5		17.88		0.0	20.0
	CP-OFDM	QPSK	1	1		22.85		1.5	23.5		18.71		0.0	20.0
BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit	Measured Pwr (dBm)			MPR	Tune-up Limit
						376500					376500			
						1882.50 MHz					1882.50 MHz			
35 MHz	DFT-s-OFDM	π/2 BPSK	1	1		24.51		0.0	25.0		18.90		0.0	20.0
			1	93		24.31		0.0	25.0		18.89		0.0	20.0
			1	186		23.63		0.0	25.0		18.84		0.0	20.0
			90	0		23.56		0.5	24.5		18.88		0.0	20.0
			90	49		24.29		0.0	25.0		18.87		0.0	20.0
			90	98		22.96		0.5	24.5		18.86		0.0	20.0
			180	0		23.36		0.5	24.5		18.92		0.0	20.0
		QPSK	1	1		24.30		0.0	25.0		18.96		0.0	20.0
			1	93		24.11		0.0	25.0		18.88		0.0	20.0
			1	186		23.48		0.0	25.0		18.87		0.0	20.0
			90	0		23.42		1.0	24.0		18.92		0.0	20.0
			90	49		24.18		0.0	25.0		18.86		0.0	20.0
			90	98		22.86		1.0	24.0		18.87		0.0	20.0
			180	0		23.28		1.0	24.0		18.91		0.0	20.0
		16QAM	1	1		23.24		1.0	24.0		19.00		0.0	20.0
			1	93		23.08		1.0	24.0		18.89		0.0	20.0
			1	186		22.46		1.0	24.0		18.88		0.0	20.0
		64QAM	1	1		21.94		2.5	22.5		19.08		0.0	20.0
		256QAM	1	1		19.73		4.5	20.5		18.07		0.0	20.0
	CP-OFDM	QPSK	1	1		22.89		1.5	23.5		18.98		0.0	20.0
BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit	Measured Pwr (dBm)			MPR	Tune-up Limit
						376500					376500			
						1882.50 MHz					1882.50 MHz			
30 MHz	DFT-s-OFDM	π/2 BPSK	1	1		24.53		0.0	25.0		18.95		0.0	20.0
			1	79		24.16		0.0	25.0		18.93		0.0	20.0
			1	158		23.64		0.0	25.0		18.87		0.0	20.0
			80	0		23.43		0.5	24.5		18.92		0.0	20.0
			80	40		24.16		0.0	25.0		18.92		0.0	20.0
			80	80		22.93		0.5	24.5		18.88		0.0	20.0
			160	0		23.27		0.5	24.5		18.91		0.0	20.0
		QPSK	1	1		24.36		0.0	25.0		18.92		0.0	20.0
			1	79		24.03		0.0	25.0		18.92		0.0	20.0
			1	158		23.52		0.0	25.0		18.91		0.0	20.0
			80	0		23.32		1.0	24.0		18.91		0.0	20.0
			80	40		24.07		0.0	25.0		18.92		0.0	20.0
			80	80		22.83		1.0	24.0		18.87		0.0	20.0
			160	0		23.20		1.0	24.0		18.91		0.0	20.0
		16QAM	1	1		23.29		1.0	24.0		18.98		0.0	20.0
			1	79		22.97		1.0	24.0		18.95		0.0	20.0
			1	158		22.49		1.0	24.0		18.91		0.0	20.0
		64QAM	1	1		21.99		2.5	22.5		19.11		0.0	20.0
		256QAM	1	1		19.73		4.5	20.5		18.10		0.0	20.0
	CP-OFDM	QPSK	1	1		22.95		1.5	23.5		18.97		0.0	20.0

NR Band n25 (Main2) Measured Results (Continued)

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit	Measured Pwr (dBm)			MPR	Tune-up Limit
						376500					376500			
						1882.50 MHz					1882.50 MHz			
25 MHz	DFT-s-OFDM	π/2 BPSK	1	1		24.45		0.0	25.0		18.94		0.0	20.0
			1	66		24.02		0.0	25.0		18.85		0.0	20.0
			1	131		23.68		0.0	25.0		18.84		0.0	20.0
			64	0		23.29		0.5	24.5		18.91		0.0	20.0
			64	34		24.02		0.0	25.0		18.89		0.0	20.0
			64	69		22.85		0.5	24.5		18.86		0.0	20.0
			128	0		23.18		0.5	24.5		18.91		0.0	20.0
		QPSK	1	1		24.41		0.0	25.0		18.99		0.0	20.0
			1	66		23.97		0.0	25.0		18.84		0.0	20.0
			1	131		23.63		0.0	25.0		18.88		0.0	20.0
			64	0		23.25		1.0	24.0		18.90		0.0	20.0
			64	34		24.00		0.0	25.0		18.89		0.0	20.0
			64	69		22.82		1.0	24.0		18.90		0.0	20.0
			128	0		23.15		1.0	24.0		18.94		0.0	20.0
		16QAM	1	1		23.37		1.0	24.0		19.01		0.0	20.0
			1	66		22.96		1.0	24.0		18.92		0.0	20.0
			1	131		22.65		1.0	24.0		18.96		0.0	20.0
		64QAM	1	1		22.11		2.5	22.5		19.14		0.0	20.0
		256QAM	1	1		19.71		4.5	20.5		18.08		0.0	20.0
	CP-OFDM	QPSK	1	1		23.04		1.5	23.5		18.95		0.0	20.0

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit	Measured Pwr (dBm)			MPR	Tune-up Limit
					372000	376500	381000			372000	376500	381000		
					1860.00 MHz	1882.50 MHz	1905.00 MHz			1860.00 MHz	1882.50 MHz	1905.00 MHz		
20 MHz	DFT-s-OFDM	π/2 BPSK	1	1	24.40	24.52	23.80	0.0	25.0	18.98	18.79	18.78	0.0	20.0
			1	52	24.20	24.12	23.17	0.0	25.0	18.87	18.77	18.72	0.0	20.0
			1	104	24.49	23.86	22.76	0.0	25.0	18.79	18.75	18.69	0.0	20.0
			50	0	23.32	23.36	22.60	0.5	24.5	18.92	18.79	18.85	0.0	20.0
			50	28	24.22	24.22	23.19	0.0	25.0	18.93	18.77	18.75	0.0	20.0
			50	56	23.35	23.08	22.31	0.5	24.5	18.87	18.76	18.77	0.0	20.0
			100	0	23.43	23.43	22.40	0.5	24.5	18.87	18.79	18.84	0.0	20.0
		QPSK	1	1	24.20	24.41	23.71	0.0	25.0	18.98	18.78	18.84	0.0	20.0
			1	52	24.03	24.09	23.10	0.0	25.0	18.87	18.75	18.79	0.0	20.0
			1	104	24.36	23.82	22.68	0.0	25.0	18.77	18.72	18.71	0.0	20.0
			50	0	23.20	23.43	22.56	1.0	24.0	18.93	18.81	18.84	0.0	20.0
			50	28	24.12	24.19	23.16	0.0	25.0	18.92	18.77	18.84	0.0	20.0
			50	56	23.26	23.06	21.73	1.0	24.0	18.86	18.77	18.80	0.0	20.0
			100	0	23.35	23.42	22.36	1.0	24.0	18.91	18.77	18.86	0.0	20.0
		16QAM	1	1	23.13	23.34	22.68	1.0	24.0	18.97	18.82	18.84	0.0	20.0
			1	52	23.00	23.08	22.10	1.0	24.0	18.86	18.77	18.80	0.0	20.0
			1	104	23.32	22.82	22.69	1.0	24.0	18.82	18.72	18.79	0.0	20.0
		64QAM	1	1	21.84	22.07	21.41	2.5	22.5	19.15	18.96	18.97	0.0	20.0
		256QAM	1	1	19.75	19.49	19.34	4.5	20.5	18.12	17.95	17.93	0.0	20.0
	CP-OFDM	QPSK	1	1	22.80	23.02	22.36	1.5	23.5	18.97	18.81	18.83	0.0	20.0

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit	Measured Pwr (dBm)			MPR	Tune-up Limit
					371500	376500	381500			371500	376500	381500		
					1857.50 MHz	1882.50 MHz	1907.50 MHz			1857.50 MHz	1882.50 MHz	1907.50 MHz		
15 MHz	DFT-s-OFDM	π/2 BPSK	1	1	24.41	24.50	23.57	0.0	25.0	18.99	18.86	18.71	0.0	20.0
			1	39	24.19	24.44	22.88	0.0	25.0	18.85	18.76	18.66	0.0	20.0
			1	77	24.66	24.39	24.19	0.0	25.0	18.84	18.76	18.63	0.0	20.0
			36	0	23.45	23.55	22.37	0.5	24.5	18.94	18.77	18.73	0.0	20.0
			36	21	24.15	24.31	22.92	0.0	25.0	18.91	18.78	18.74	0.0	20.0
			36	43	23.49	23.41	23.07	0.5	24.5	18.85	18.77	18.73	0.0	20.0
			75	0	23.39	23.40	22.19	0.5	24.5	18.91	18.80	18.74	0.0	20.0
		QPSK	1	1	24.59	24.60	23.48	0.0	25.0	19.04	18.86	18.79	0.0	20.0
			1	39	23.99	24.18	22.81	0.0	25.0	18.89	18.75	18.71	0.0	20.0
			1	77	24.78	24.50	24.22	0.0	25.0	18.87	18.77	18.69	0.0	20.0
			36	0	23.31	23.48	22.30	1.0	24.0	18.95	18.78	18.80	0.0	20.0
			36	21	24.03	24.21	22.88	0.0	25.0	18.93	18.79	18.77	0.0	20.0
			36	43	23.39	23.36	21.55	1.0	24.0	18.87	18.78	18.74	0.0	20.0
			75	0	23.30	23.36	22.15	1.0	24.0	18.94	18.76	18.80	0.0	20.0
		16QAM	1	1	23.51	23.48	22.43	1.0	24.0	19.05	18.89	18.84	0.0	20.0
			1	39	22.95	23.09	21.78	1.0	24.0	18.91	18.75	18.75	0.0	20.0
			1	77	23.69	23.40	23.31	1.0	24.0	18.89	18.79	18.74	0.0	20.0
		64QAM	1	1	22.21	22.18	21.15	2.5	22.5	19.24	19.05	18.97	0.0	20.0
		256QAM	1	1	19.78	19.53	19.33	4.5	20.5	18.07	17.87	17.86	0.0	20.0
	CP-OFDM	QPSK	1	1	23.16	23.07	22.12	1.5	23.5	19.08	18.87	18.81	0.0	20.0

NR Band n25 (Main2) Measured Results (Continued)

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit	Measured Pwr (dBm)			MPR	Tune-up Limit
					371000	376500	382000			371000	376500	382000		
					1855.00 MHz	1882.50 MHz	1910.00 MHz			1855.00 MHz	1882.50 MHz	1910.00 MHz		
10 MHz	DFT-s-OFDM	π/2 BPSK	1	1	24.58	24.30	23.51	0.0	25.0	18.98	18.58	18.64	0.0	20.0
			1	25	24.36	24.31	22.98	0.0	25.0	18.92	18.57	18.72	0.0	20.0
			1	50	24.55	24.28	23.09	0.0	25.0	18.86	18.54	18.67	0.0	20.0
			25	0	23.58	23.34	22.25	0.5	24.5	18.95	18.63	18.64	0.0	20.0
			25	13	24.38	24.36	22.94	0.0	25.0	18.94	18.60	18.66	0.0	20.0
			25	27	23.58	23.33	22.26	0.5	24.5	18.92	18.63	18.75	0.0	20.0
			50	0	23.56	23.34	22.16	0.5	24.5	18.94	18.65	18.65	0.0	20.0
		QPSK	1	1	24.66	24.36	23.23	0.0	25.0	18.97	18.61	18.66	0.0	20.0
			1	25	24.17	24.20	22.74	0.0	25.0	18.92	18.63	18.75	0.0	20.0
			1	50	24.56	24.39	24.21	0.0	25.0	18.89	18.62	18.72	0.0	20.0
			25	0	23.51	23.36	22.10	1.0	24.0	18.98	18.60	18.69	0.0	20.0
			25	13	24.26	24.28	22.79	0.0	25.0	18.98	18.65	18.57	0.0	20.0
			25	27	23.49	23.36	21.59	1.0	24.0	18.89	18.63	18.73	0.0	20.0
			50	0	23.49	23.34	22.04	1.0	24.0	18.92	18.66	18.64	0.0	20.0
		16QAM	1	1	23.57	23.35	22.13	1.0	24.0	19.01	18.67	18.68	0.0	20.0
			1	25	23.13	23.15	21.68	1.0	24.0	18.98	18.67	18.81	0.0	20.0
			1	50	23.49	23.29	23.26	1.0	24.0	18.89	18.65	18.72	0.0	20.0
		64QAM	1	1	22.29	22.00	20.83	2.5	22.5	19.14	18.80	18.82	0.0	20.0
		256QAM	1	1	19.65	19.28	19.11	4.5	20.5	18.03	17.71	17.73	0.0	20.0
	CP-OFDM	QPSK	1	1	23.09	22.76	21.80	1.5	23.5	18.99	18.64	18.67	0.0	20.0

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit	Measured Pwr (dBm)			MPR	Tune-up Limit
					370500	376500	382500			370500	376500	382500		
					1852.50 MHz	1882.50 MHz	1912.50 MHz			1852.50 MHz	1882.50 MHz	1912.50 MHz		
5 MHz	DFT-s-OFDM	π/2 BPSK	1	1	24.51	24.36	22.83	0.0	25.0	18.92	18.74	18.62	0.0	20.0
			1	12	24.34	24.29	22.53	0.0	25.0	18.76	18.64	18.64	0.0	20.0
			1	23	24.52	24.34	24.33	0.0	25.0	18.87	18.69	18.63	0.0	20.0
			12	0	23.39	23.35	23.80	0.5	24.5	18.89	18.69	18.69	0.0	20.0
			12	6	24.26	24.23	24.27	0.0	25.0	18.89	18.64	18.64	0.0	20.0
			12	13	23.42	23.25	23.85	0.5	24.5	18.87	18.67	18.67	0.0	20.0
			25	0	23.36	23.33	23.80	0.5	24.5	18.88	18.63	18.72	0.0	20.0
		QPSK	1	1	24.44	24.42	22.65	0.0	25.0	18.99	18.73	18.66	0.0	20.0
			1	12	24.19	24.19	23.98	0.0	25.0	18.92	18.65	18.70	0.0	20.0
			1	23	24.49	24.38	24.25	0.0	25.0	18.95	18.70	18.66	0.0	20.0
			12	0	23.28	23.38	21.68	1.0	24.0	18.91	18.69	18.72	0.0	20.0
			12	6	24.17	24.17	23.96	0.0	25.0	18.91	18.66	18.69	0.0	20.0
			12	13	23.33	23.23	23.10	1.0	24.0	18.92	18.65	18.75	0.0	20.0
			25	0	23.32	23.23	21.53	1.0	24.0	18.93	18.64	18.71	0.0	20.0
		16QAM	1	1	23.38	23.35	21.61	1.0	24.0	19.01	18.73	18.79	0.0	20.0
			1	12	23.16	23.15	23.01	1.0	24.0	18.91	18.64	18.78	0.0	20.0
			1	23	23.47	23.33	23.29	1.0	24.0	18.96	18.71	18.73	0.0	20.0
		64QAM	1	1	22.12	22.07	20.33	2.5	22.5	19.20	18.84	18.85	0.0	20.0
		256QAM	1	1	19.62	19.32	18.51	4.5	20.5	18.04	17.78	17.82	0.0	20.0
	CP-OFDM	QPSK	1	1	23.01	22.78	21.31	1.5	23.5	18.98	18.71	18.70	0.0	20.0

NR Band n25 (Sub.2) Measured Results

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Maximum Allowed Average Power (dBm) DSI = 0, 4, 5					Maximum Allowed Average Power (dBm) DSI = 3				
					Measured Pwr (dBm)			MPR	Tune-up Limit	Measured Pwr (dBm)			MPR	Tune-up Limit
					374000	376500	379000			374000	376500	379000		
					1870.00 MHz	1882.50 MHz	1895.00 MHz			1870.00 MHz	1882.50 MHz	1895.00 MHz		
40 MHz	DFT-s-OFDM	π/2 BPSK	1	1		19.40		0.0	20.0		19.01		0.0	19.5
			1	107		19.47		0.0	20.0		19.10		0.0	19.5
			1	214		19.26		0.0	20.0		18.84		0.0	19.5
			108	0		19.44		0.0	20.0		19.02		0.0	19.5
			108	54		19.49		0.0	20.0		19.12		0.0	19.5
			108	108		19.39		0.0	20.0		19.00		0.0	19.5
			216	0		19.48		0.0	20.0		18.99		0.0	19.5
		QPSK	1	1		19.43		0.0	20.0		19.06		0.0	19.5
			1	107		19.52		0.0	20.0		19.08		0.0	19.5
			1	214		19.26		0.0	20.0		18.87		0.0	19.5
			108	0		19.43		0.0	20.0		19.03		0.0	19.5
			108	54		19.51		0.0	20.0		19.10		0.0	19.5
			108	108		19.40		0.0	20.0		18.99		0.0	19.5
			216	0		19.48		0.0	20.0		19.10		0.0	19.5
		16QAM	1	1		19.44		0.0	20.0		19.05		0.0	19.5
			1	107		19.52		0.0	20.0		19.14		0.0	19.5
			1	214		19.29		0.0	20.0		18.93		0.0	19.5
		64QAM	1	1		19.60		0.0	20.0		19.20		0.0	19.5
		256QAM	1	1		18.58		0.5	19.5		18.58		0.0	19.5
	CP-OFDM	QPSK	1	1		19.60		0.0	20.0		19.06		0.0	19.5
BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit	Measured Pwr (dBm)			MPR	Tune-up Limit
					373500	376500	379500			373500	376500	379500		
					1867.50 MHz	1882.50 MHz	1897.50 MHz			1867.50 MHz	1882.50 MHz	1897.50 MHz		
35 MHz	DFT-s-OFDM	π/2 BPSK	1	1		19.47		0.0	20.0		18.97		0.0	19.5
			1	93		19.52		0.0	20.0		19.06		0.0	19.5
			1	186		19.33		0.0	20.0		18.87		0.0	19.5
			90	0		19.44		0.0	20.0		18.96		0.0	19.5
			90	49		19.48		0.0	20.0		19.01		0.0	19.5
			90	98		19.35		0.0	20.0		18.91		0.0	19.5
			180	0		19.48		0.0	20.0		19.07		0.0	19.5
		QPSK	1	1		19.45		0.0	20.0		19.04		0.0	19.5
			1	93		19.51		0.0	20.0		19.11		0.0	19.5
			1	186		19.33		0.0	20.0		18.85		0.0	19.5
			90	0		19.44		0.0	20.0		19.02		0.0	19.5
			90	49		19.48		0.0	20.0		19.06		0.0	19.5
			90	98		19.33		0.0	20.0		18.97		0.0	19.5
			180	0		19.50		0.0	20.0		19.10		0.0	19.5
		16QAM	1	1		19.50		0.0	20.0		19.06		0.0	19.5
			1	93		19.49		0.0	20.0		19.12		0.0	19.5
			1	186		19.28		0.0	20.0		18.95		0.0	19.5
		64QAM	1	1		19.59		0.0	20.0		19.22		0.0	19.5
		256QAM	1	1		18.55		0.5	19.5		18.55		0.0	19.5
	CP-OFDM	QPSK	1	1		19.44		0.0	20.0		19.06		0.0	19.5
BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit	Measured Pwr (dBm)			MPR	Tune-up Limit
					373000	376500	380000			373000	376500	380000		
					1865.00 MHz	1882.50 MHz	1900.00 MHz			1865.00 MHz	1882.50 MHz	1900.00 MHz		
30 MHz	DFT-s-OFDM	π/2 BPSK	1	1		19.49		0.0	20.0		19.12		0.0	19.5
			1	79		19.51		0.0	20.0		19.12		0.0	19.5
			1	158		19.34		0.0	20.0		18.93		0.0	19.5
			80	0		19.46		0.0	20.0		19.07		0.0	19.5
			80	40		19.48		0.0	20.0		19.09		0.0	19.5
			80	80		19.42		0.0	20.0		18.95		0.0	19.5
			160	0		19.47		0.0	20.0		19.10		0.0	19.5
		QPSK	1	1		19.48		0.0	20.0		19.08		0.0	19.5
			1	79		19.52		0.0	20.0		19.12		0.0	19.5
			1	158		19.34		0.0	20.0		18.95		0.0	19.5
			80	0		19.47		0.0	20.0		19.04		0.0	19.5
			80	40		19.48		0.0	20.0		19.08		0.0	19.5
			80	80		19.41		0.0	20.0		18.98		0.0	19.5
			160	0		19.48		0.0	20.0		19.09		0.0	19.5
		16QAM	1	1		19.54		0.0	20.0		19.15		0.0	19.5
			1	79		19.52		0.0	20.0		19.12		0.0	19.5
			1	158		19.32		0.0	20.0		19.00		0.0	19.5
		64QAM	1	1		19.64		0.0	20.0		19.23		0.0	19.5
		256QAM	1	1		18.57		0.5	19.5		18.64		0.0	19.5
	CP-OFDM	QPSK	1	1		19.46		0.0	20.0		19.14		0.0	19.5

NR Band n25 (Sub.2) Measured Results (Continued)

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit	Measured Pwr (dBm)			MPR	Tune-up Limit
					372500	376500	380500			372500	376500	380500		
					1862.50 MHz	1882.50 MHz	1902.50 MHz			1862.50 MHz	1882.50 MHz	1902.50 MHz		
25 MHz	DFT-s-OFDM	π/2 BPSK	1	1		19.46		0.0	20.0		19.07		0.0	19.5
			1	66		19.52		0.0	20.0		19.10		0.0	19.5
			1	131		19.38		0.0	20.0		19.02		0.0	19.5
			64	0		19.44		0.0	20.0		19.02		0.0	19.5
			64	34		19.49		0.0	20.0		19.09		0.0	19.5
			64	69		19.35		0.0	20.0		19.02		0.0	19.5
			128	0		19.51		0.0	20.0		19.07		0.0	19.5
		QPSK	1	1		19.44		0.0	20.0		19.04		0.0	19.5
			1	66		19.55		0.0	20.0		19.12		0.0	19.5
			1	131		19.40		0.0	20.0		18.96		0.0	19.5
			64	0		19.44		0.0	20.0		19.02		0.0	19.5
			64	34		19.49		0.0	20.0		19.09		0.0	19.5
			64	69		19.36		0.0	20.0		18.96		0.0	19.5
			128	0		19.49		0.0	20.0		19.10		0.0	19.5
		16QAM	1	1		19.45		0.0	20.0		19.05		0.0	19.5
			1	66		19.53		0.0	20.0		19.12		0.0	19.5
			1	131		19.37		0.0	20.0		18.99		0.0	19.5
		64QAM	1	1		19.63		0.0	20.0		19.19		0.0	19.5
		256QAM	1	1		18.55		0.5	19.5		18.54		0.0	19.5
	CP-OFDM	QPSK	1	1		19.44		0.0	20.0		19.06		0.0	19.5

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit	Measured Pwr (dBm)			MPR	Tune-up Limit
					372000	376500	381000			372000	376500	381000		
					1860.00 MHz	1882.50 MHz	1905.00 MHz			1860.00 MHz	1882.50 MHz	1905.00 MHz		
20 MHz	DFT-s-OFDM	π/2 BPSK	1	1	19.27	19.25	19.37	0.0	20.0	18.86	18.91	18.96	0.0	19.5
			1	52	19.21	19.27	19.24	0.0	20.0	18.86	18.94	18.86	0.0	19.5
			1	104	19.30	19.28	19.12	0.0	20.0	18.89	18.95	18.70	0.0	19.5
			50	0	19.27	19.31	19.37	0.0	20.0	18.89	18.95	18.94	0.0	19.5
			50	28	19.29	19.34	19.31	0.0	20.0	18.90	19.01	18.88	0.0	19.5
			50	56	19.31	19.35	19.24	0.0	20.0	18.91	19.00	18.85	0.0	19.5
			100	0	19.29	19.35	19.33	0.0	20.0	18.91	18.97	18.93	0.0	19.5
		QPSK	1	1	19.28	19.29	19.38	0.0	20.0	18.89	18.91	19.01	0.0	19.5
			1	52	19.28	19.32	19.26	0.0	20.0	18.85	18.96	18.90	0.0	19.5
			1	104	19.31	19.28	19.03	0.0	20.0	18.90	18.90	18.73	0.0	19.5
			50	0	19.31	19.31	19.34	0.0	20.0	18.90	18.95	18.98	0.0	19.5
			50	28	19.27	19.36	19.29	0.0	20.0	18.90	19.01	18.94	0.0	19.5
			50	56	19.34	19.37	19.23	0.0	20.0	18.95	19.01	18.83	0.0	19.5
			100	0	19.32	19.40	19.34	0.0	20.0	18.95	18.96	18.92	0.0	19.5
		16QAM	1	1	19.31	19.31	19.41	0.0	20.0	18.93	18.91	19.00	0.0	19.5
			1	52	19.25	19.36	19.30	0.0	20.0	18.91	18.92	18.93	0.0	19.5
			1	104	19.34	19.30	19.15	0.0	20.0	18.97	18.90	18.71	0.0	19.5
		64QAM	1	1	19.50	19.45	19.56	0.0	20.0	19.08	19.05	19.15	0.0	19.5
		256QAM	1	1	18.43	18.42	18.53	0.5	19.5	18.42	18.43	18.49	0.0	19.5
	CP-OFDM	QPSK	1	1	19.33	19.29	19.37	0.0	20.0	18.90	18.91	19.00	0.0	19.5

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit	Measured Pwr (dBm)			MPR	Tune-up Limit
					371500	376500	381500			371500	376500	381500		
					1857.50 MHz	1882.50 MHz	1907.50 MHz			1857.50 MHz	1882.50 MHz	1907.50 MHz		
15 MHz	DFT-s-OFDM	π/2 BPSK	1	1	19.30	19.38	19.29	0.0	20.0	18.92	18.93	18.88	0.0	19.5
			1	39	19.23	19.36	19.12	0.0	20.0	18.85	18.88	18.81	0.0	19.5
			1	77	19.34	19.42	19.23	0.0	20.0	18.91	18.93	18.68	0.0	19.5
			36	0	19.30	19.36	19.09	0.0	20.0	18.88	18.89	18.87	0.0	19.5
			36	21	19.29	19.39	19.05	0.0	20.0	18.89	18.91	18.86	0.0	19.5
			36	43	19.33	19.41	19.02	0.0	20.0	18.91	18.95	18.79	0.0	19.5
			75	0	19.34	19.38	19.12	0.0	20.0	18.90	18.97	18.85	0.0	19.5
		QPSK	1	1	19.36	19.39	19.21	0.0	20.0	18.95	18.99	18.93	0.0	19.5
			1	39	19.27	19.36	19.12	0.0	20.0	18.85	18.97	18.85	0.0	19.5
			1	77	19.32	19.40	19.03	0.0	20.0	18.86	18.98	18.69	0.0	19.5
			36	0	19.32	19.35	19.20	0.0	20.0	18.92	18.97	18.94	0.0	19.5
			36	21	19.32	19.39	19.19	0.0	20.0	18.89	18.98	18.85	0.0	19.5
			36	43	19.28	19.41	19.11	0.0	20.0	18.92	18.96	18.83	0.0	19.5
			75	0	19.28	19.38	19.16	0.0	20.0	18.93	18.99	18.87	0.0	19.5
		16QAM	1	1	19.39	19.41	19.31	0.0	20.0	19.03	19.01	18.97	0.0	19.5
			1	39	19.30	19.35	19.21	0.0	20.0	18.89	18.96	18.86	0.0	19.5
			1	77	19.34	19.38	19.06	0.0	20.0	18.94	18.96	18.75	0.0	19.5
		64QAM	1	1	19.56	19.55	19.41	0.0	20.0	19.18	19.15	19.12	0.0	19.5
		256QAM	1	1	18.43	18.44	18.35	0.5	19.5	18.39	18.40	18.44	0.0	19.5
	CP-OFDM	QPSK	1	1	19.43	19.38	19.28	0.0	20.0	19.01	18.93	18.94	0.0	19.5

NR Band n25 (Sub.2) Measured Results (Continued)

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit	Measured Pwr (dBm)			MPR	Tune-up Limit
					371000	376500	382000			371000	376500	382000		
					1855.00 MHz	1882.50 MHz	1910.00 MHz			1855.00 MHz	1882.50 MHz	1910.00 MHz		
10 MHz	DFT-s-OFDM	π/2 BPSK	1	1	19.20	19.18	18.95	0.0	20.0	18.86	18.83	18.62	0.0	19.5
			1	25	19.19	19.23	18.94	0.0	20.0	18.84	18.82	18.58	0.0	19.5
			1	50	19.16	19.19	18.87	0.0	20.0	18.81	18.84	18.49	0.0	19.5
			25	0	19.25	19.25	18.96	0.0	20.0	18.83	18.86	18.63	0.0	19.5
			25	13	19.21	19.23	18.94	0.0	20.0	18.86	18.86	18.57	0.0	19.5
			25	27	19.22	19.26	18.91	0.0	20.0	18.85	18.87	18.52	0.0	19.5
			50	0	19.21	19.28	18.96	0.0	20.0	18.83	18.86	18.58	0.0	19.5
		QPSK	1	1	19.21	19.24	19.05	0.0	20.0	18.89	18.85	18.63	0.0	19.5
			1	25	19.18	19.28	18.92	0.0	20.0	18.84	18.87	18.56	0.0	19.5
			1	50	19.15	19.24	18.87	0.0	20.0	18.79	18.86	18.52	0.0	19.5
			25	0	19.24	19.24	19.01	0.0	20.0	18.86	18.83	18.60	0.0	19.5
			25	13	19.20	19.26	18.94	0.0	20.0	18.82	18.87	18.55	0.0	19.5
			25	27	19.21	19.19	18.91	0.0	20.0	18.80	18.87	18.51	0.0	19.5
			50	0	19.21	19.25	18.97	0.0	20.0	18.85	18.85	18.58	0.0	19.5
		16QAM	1	1	19.28	19.28	19.08	0.0	20.0	18.90	18.85	18.70	0.0	19.5
			1	25	19.25	19.29	18.97	0.0	20.0	18.83	18.83	18.58	0.0	19.5
			1	50	19.21	19.28	18.95	0.0	20.0	18.83	18.83	18.58	0.0	19.5
		64QAM	1	1	19.41	19.40	19.18	0.0	20.0	19.03	18.98	18.80	0.0	19.5
		256QAM	1	1	18.25	18.27	18.11	0.5	19.5	18.31	18.25	18.09	0.0	19.5
	CP-OFDM	QPSK	1	1	19.21	19.21	19.03	0.0	20.0	18.81	18.85	18.61	0.0	19.5

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			MPR	Tune-up Limit	Measured Pwr (dBm)			MPR	Tune-up Limit
					370500	376500	382500			370500	376500	382500		
					1852.50 MHz	1882.50 MHz	1912.50 MHz			1852.50 MHz	1882.50 MHz	1912.50 MHz		
5 MHz	DFT-s-OFDM	π/2 BPSK	1	1	19.27	19.30	18.89	0.0	20.0	18.83	18.89	18.52	0.0	19.5
			1	12	19.18	19.23	18.91	0.0	20.0	18.75	18.85	18.49	0.0	19.5
			1	23	19.23	19.29	18.89	0.0	20.0	18.82	18.89	18.45	0.0	19.5
			12	0	19.19	19.28	18.98	0.0	20.0	18.79	18.89	18.56	0.0	19.5
			12	6	19.17	19.26	18.94	0.0	20.0	18.81	18.83	18.50	0.0	19.5
			12	13	19.22	19.32	18.94	0.0	20.0	18.79	18.86	18.47	0.0	19.5
			25	0	19.18	19.29	18.93	0.0	20.0	18.75	18.81	18.53	0.0	19.5
		QPSK	1	1	19.27	19.32	18.93	0.0	20.0	18.84	18.87	18.54	0.0	19.5
			1	12	19.18	19.25	18.91	0.0	20.0	18.76	18.85	18.47	0.0	19.5
			1	23	19.23	19.29	18.86	0.0	20.0	18.82	18.94	18.48	0.0	19.5
			12	0	19.20	19.23	18.93	0.0	20.0	18.84	18.88	18.55	0.0	19.5
			12	6	19.17	19.25	18.90	0.0	20.0	18.80	18.83	18.52	0.0	19.5
			12	13	19.22	19.29	18.88	0.0	20.0	18.78	18.85	18.51	0.0	19.5
			25	0	19.19	19.29	18.90	0.0	20.0	18.75	18.83	18.52	0.0	19.5
		16QAM	1	1	19.28	19.37	18.96	0.0	20.0	18.91	18.91	18.55	0.0	19.5
			1	12	19.25	19.32	18.98	0.0	20.0	18.84	18.87	18.52	0.0	19.5
			1	23	19.25	19.38	18.93	0.0	20.0	18.84	18.94	18.52	0.0	19.5
		64QAM	1	1	19.39	19.45	19.10	0.0	20.0	18.99	19.06	18.69	0.0	19.5
		256QAM	1	1	18.33	18.34	18.25	0.5	19.5	18.29	18.36	18.18	0.0	19.5
	CP-OFDM	QPSK	1	1	19.14	19.29	18.94	0.0	20.0	18.83	18.89	18.49	0.0	19.5

NR Band n30 (Main2) Measured Results

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Maximum Allowed Average Power (dBm) DSI = 3 Measured Pwr (dBm)			MPR	Tune-up Limit	Maximum Allowed Average Power (dBm) DSI = 0, 4, 5 Measured Pwr (dBm)			MPR	Tune-up Limit
						462000					462000			
						2310.00 MHz					2310.00 MHz			
10 MHz	DFT-s-OFDM	π/2 BPSK	1	1		22.94		0.0	24.0		18.86		0.0	20.0
			1	25		22.94		0.0	24.0		18.75		0.0	20.0
			1	50		22.80		0.0	24.0		18.70		0.0	20.0
			25	0		21.85		0.5	23.5		18.76		0.0	20.0
			25	13		22.84		0.0	24.0		18.75		0.0	20.0
			25	27		21.82		0.5	23.5		18.76		0.0	20.0
			50	0		21.82		0.5	23.5		18.74		0.0	20.0
		QPSK	1	1		**22.93**		0.0	24.0		**18.85**		0.0	20.0
			1	25		22.91		0.0	24.0		18.84		0.0	20.0
			1	50		22.91		0.0	24.0		18.69		0.0	20.0
			25	0		21.87		1.0	23.0		18.78		0.0	20.0
			25	13		**22.91**		0.0	24.0		**18.79**		0.0	20.0
			25	27		21.87		1.0	23.0		18.66		0.0	20.0
			50	0		21.86		1.0	23.0		18.68		0.0	20.0
		16QAM	1	1		21.92		1.0	23.0		18.84		0.0	20.0
			1	25		21.88		1.0	23.0		18.71		0.0	20.0
			1	50		21.84		1.0	23.0		18.67		0.0	20.0
		64QAM	1	1		20.43		2.5	21.5		18.94		0.0	20.0
		256QAM	1	1		17.84		4.5	19.5		17.88		1.5	18.5
	CP-OFDM	QPSK	1	1		21.43		1.5	22.5		18.74		0.0	20.0

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm) 461500	462000	462500	MPR	Tune-up Limit	Measured Pwr (dBm) 461500	462000	462500	MPR	Tune-up Limit
					2307.50 MHz	2310.00 MHz	2312.50 MHz			2307.50 MHz	2310.00 MHz	2312.50 MHz		
5 MHz	DFT-s-OFDM	π/2 BPSK	1	1		22.88		0.0	24.0		18.76		0.0	20.0
			1	12		22.90		0.0	24.0		18.84		0.0	20.0
			1	23		22.83		0.0	24.0		18.66		0.0	20.0
			12	0		21.91		0.5	23.5		18.71		0.0	20.0
			12	6		22.94		0.0	24.0		18.69		0.0	20.0
			12	13		21.91		0.5	23.5		18.67		0.0	20.0
			25	0		21.95		0.5	23.5		18.75		0.0	20.0
		QPSK	1	1		22.90		0.0	24.0		18.69		0.0	20.0
			1	12		22.98		0.0	24.0		18.74		0.0	20.0
			1	23		22.88		0.0	24.0		18.72		0.0	20.0
			12	0		21.94		1.0	23.0		18.71		0.0	20.0
			12	6		22.95		0.0	24.0		18.76		0.0	20.0
			12	13		21.96		1.0	23.0		18.69		0.0	20.0
			25	0		22.00		1.0	23.0		18.76		0.0	20.0
		16QAM	1	1		21.91		1.0	23.0		18.77		0.0	20.0
			1	12		21.96		1.0	23.0		18.75		0.0	20.0
			1	23		21.87		1.0	23.0		18.72		0.0	20.0
		64QAM	1	1		20.44		2.5	21.5		18.87		0.0	20.0
		256QAM	1	1		17.89		4.5	19.5		17.79		1.5	18.5
	CP-OFDM	QPSK	1	1		21.36		1.5	22.5		18.70		0.0	20.0

NR Band n41 (Main2) Measured Results

Modulation	Mode	RB Allocation	RB offset	Maximum Allowed Average Power (dBm) DSI = 0, 4, 5 Measured Pwr (dBm)					MPR	Tune-up Limit	Maximum Allowed Average Power (dBm) DSI = 3 Measured Pwr (dBm)					MPR	Tune-up Limit
						518598							518598				
						2592.99 MHz							2592.99 MHz				
DFT-s-OFDM	π/2 BPSK	1	1			16.55			0.0	17.5			22.40			0.0	23.5
		1	136			16.92			0.0	17.5			22.70			0.0	23.5
		1	271			16.87			0.0	17.5			22.64			0.0	23.5
		135	0			16.90			0.0	17.5			22.66			0.5	23.0
		135	69			16.98			0.0	17.5			22.79			0.0	23.5
		135	138			16.92			0.0	17.5			22.68			0.5	23.0
		270	0			16.90			0.0	17.5			22.71			0.5	23.0
	QPSK	1	1			16.77			0.0	17.5			**22.40**			0.0	23.5
		1	136			17.05			0.0	17.5			22.38			0.0	23.5
		1	271			**17.07**			0.0	17.5			22.22			0.0	23.5
		135	0			16.95			0.0	17.5			21.96			1.0	22.5
		135	69			**17.05**			0.0	17.5			**22.47**			0.0	23.5
		135	138			16.97			0.0	17.5			21.43			1.0	22.5
		270	0			16.99			0.0	17.5			21.73			1.0	22.5
	16QAM	1	1			16.65			0.0	17.5			22.21			1.0	22.5
		1	136			16.87			0.0	17.5			22.20			1.0	22.5
		1	271			16.92			0.0	17.5			21.80			1.0	22.5
	64QAM	1	1			17.01			0.0	17.5			21.21			1.5	22.0
	256QAM	1	1			16.87			0.0	17.5			19.56			3.5	20.0
CP-OFDM	QPSK	1	1			16.69			0.0	17.5			22.06			1.0	22.5

Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm) 508200				528996	MPR	Tune-up Limit	Measured Pwr (dBm) 508200				528996	MPR	Tune-up Limit
				2541.00 MHz				2644.98 MHz			2541.00 MHz				2644.98 MHz		
DFT-s-OFDM	π/2 BPSK	1	1	16.28				17.06	0.0	17.5	22.02				22.66	0.0	23.5
		1	122	16.27				17.14	0.0	17.5	21.95				22.51	0.0	23.5
		1	243	16.30				17.08	0.0	17.5	22.42				21.57	0.0	23.5
		120	0	16.28				17.14	0.0	17.5	21.93				22.41	0.5	23.0
		120	62	16.27				17.09	0.0	17.5	22.04				22.48	0.0	23.5
		120	125	16.25				17.11	0.0	17.5	22.25				21.66	0.5	23.0
		243	0	16.31				17.13	0.0	17.5	22.09				22.18	0.5	23.0
	QPSK	1	1	16.27				17.17	0.0	17.5	21.56				22.28	0.0	23.5
		1	122	16.27				17.13	0.0	17.5	21.92				21.59	0.0	23.5
		1	243	16.31				17.22	0.0	17.5	22.35				22.31	0.0	23.5
		120	0	16.24				17.20	0.0	17.5	21.07				21.17	1.0	22.5
		120	62	16.33				17.21	0.0	17.5	22.05				21.71	0.0	23.5
		120	125	16.33				17.19	0.0	17.5	22.03				20.39	1.0	22.5
		243	0	16.22				17.19	0.0	17.5	21.47				20.88	1.0	22.5
	16QAM	1	1	16.21				17.29	0.0	17.5	20.62				21.66	1.0	22.5
		1	122	16.20				17.36	0.0	17.5	21.38				20.93	1.0	22.5
		1	243	16.30				17.31	0.0	17.5	22.36				20.09	1.0	22.5
	64QAM	1	1	16.29				17.26	0.0	17.5	20.57				20.11	1.5	22.0
	256QAM	1	1	16.36				17.32	0.0	17.5	18.01				18.79	3.5	20.0
CP-OFDM	QPSK	1	1	16.33				17.22	0.0	17.5	20.31				21.02	1.0	22.5

Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm) 507204				529998	MPR	Tune-up Limit	Measured Pwr (dBm) 507204				529998	MPR	Tune-up Limit
				2536.02 MHz				2649.99 MHz			2536.02 MHz				2649.99 MHz		
DFT-s-OFDM	π/2 BPSK	1	1	16.25				17.05	0.0	17.5	22.00				22.66	0.0	23.5
		1	108	16.15				17.10	0.0	17.5	21.92				22.47	0.0	23.5
		1	215	16.33				17.02	0.0	17.5	22.37				21.60	0.0	23.5
		108	0	16.30				17.05	0.0	17.5	21.92				22.47	0.5	23.0
		108	54	16.24				17.09	0.0	17.5	22.00				22.49	0.0	23.5
		108	109	16.35				17.17	0.0	17.5	22.28				21.64	0.5	23.0
		216	0	16.26				17.14	0.0	17.5	22.04				22.11	0.5	23.0
	QPSK	1	1	16.29				17.19	0.0	17.5	21.58				22.34	0.0	23.5
		1	108	16.30				17.20	0.0	17.5	22.02				21.59	0.0	23.5
		1	215	16.29				17.15	0.0	17.5	22.41				22.18	0.0	23.5
		108	0	16.34				17.24	0.0	17.5	20.97				21.16	1.0	22.5
		108	54	16.38				17.21	0.0	17.5	22.04				21.73	0.0	23.5
		108	109	16.28				17.14	0.0	17.5	22.08				20.35	1.0	22.5
		216	0	16.20				17.22	0.0	17.5	21.46				20.85	1.0	22.5
	16QAM	1	1	16.24				17.28	0.0	17.5	20.60				21.62	1.0	22.5
		1	108	16.29				17.27	0.0	17.5	21.39				20.98	1.0	22.5
		1	215	16.30				17.24	0.0	17.5	22.37				20.10	1.0	22.5
	64QAM	1	1	16.39				17.27	0.0	17.5	20.37				20.08	1.5	22.0
	256QAM	1	1	16.31				17.29	0.0	17.5	18.02				18.74	3.5	20.0
CP-OFDM	QPSK	1	1	16.32				17.13	0.0	17.5	20.36				21.05	1.0	22.5

Notes:

NR TDD mode were measured output power through test mode software provided by manufacturer.

NR Band n41 (Main2) Measured Results (Continued)

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)					MPR	Tune-up Limit	Measured Pwr (dBm)					MPR	Tune-up Limit
					506202				531000			506202				531000		
					2531.01 MHz				2655.00 MHz			2531.01 MHz				2655.00 MHz		
70 MHz	DFT-s-OFDM	π/2 BPSK	1	1	16.34				17.06	0.0	17.5	22.03				22.69	0.0	23.5
			1	94	16.31				17.15	0.0	17.5	21.98				22.47	0.0	23.5
			1	187	16.31				17.10	0.0	17.5	22.36				21.65	0.0	23.5
			90	0	16.30				17.05	0.0	17.5	21.84				22.44	0.5	23.0
			90	49	16.20				17.15	0.0	17.5	21.98				22.46	0.0	23.5
			90	99	16.28				17.14	0.0	17.5	22.27				21.66	0.5	23.0
			180	0	16.29				17.17	0.0	17.5	22.01				22.11	0.5	23.0
		QPSK	1	1	16.21				17.23	0.0	17.5	21.60				22.29	0.0	23.5
			1	94	16.31				17.10	0.0	17.5	21.97				21.64	0.0	23.5
			1	187	16.31				17.19	0.0	17.5	22.39				22.34	0.0	23.5
			90	0	16.22				17.23	0.0	17.5	20.99				21.14	1.0	22.5
			90	49	16.25				17.14	0.0	17.5	21.97				21.68	0.0	23.5
			90	99	16.30				17.23	0.0	17.5	22.03				20.37	1.0	22.5
			180	0	16.29				17.16	0.0	17.5	21.53				20.89	1.0	22.5
		16QAM	1	1	16.35				17.30	0.0	17.5	20.63				21.62	1.0	22.5
			1	94	16.20				17.40	0.0	17.5	21.42				20.99	1.0	22.5
			1	187	16.33				17.29	0.0	17.5	22.33				20.15	1.0	22.5
		64QAM	1	1	16.38				17.30	0.0	17.5	20.54				20.16	1.5	22.0
		256QAM	1	1	16.37				17.25	0.0	17.5	18.09				18.71	3.5	20.0
	CP-OFDM	QPSK	1	1	16.22				17.19	0.0	17.5	20.31				21.04	1.0	22.5

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)					MPR	Tune-up Limit	Measured Pwr (dBm)					MPR	Tune-up Limit
					505200		518598		531996			505200		518598		531996		
					2526.00 MHz		2592.99 MHz		2659.98 MHz			2526.00 MHz		2592.99 MHz		2659.98 MHz		
60 MHz	DFT-s-OFDM	π/2 BPSK	1	1	16.35		16.84		17.00	0.0	17.5	22.00		22.38		22.65	0.0	23.5
			1	80	16.23		16.99		17.14	0.0	17.5	21.89		22.65		22.50	0.0	23.5
			1	160	16.33		17.04		17.15	0.0	17.5	22.34		22.65		21.63	0.0	23.5
			81	0	16.21		16.93		17.07	0.0	17.5	21.92		22.58		22.51	0.5	23.0
			81	40	16.29		17.00		17.11	0.0	17.5	22.01		22.73		22.51	0.0	23.5
			81	81	16.29		16.95		17.08	0.0	17.5	22.28		22.63		21.66	0.5	23.0
			162	0	16.27		17.06		17.13	0.0	17.5	22.05		22.67		22.09	0.5	23.0
		QPSK	1	1	16.25		17.03		17.19	0.0	17.5	21.58		22.45		22.27	0.0	23.5
			1	80	16.35		17.05		17.19	0.0	17.5	22.00		22.41		21.66	0.0	23.5
			1	160	16.26		17.10		17.25	0.0	17.5	22.42		22.18		22.18	0.0	23.5
			81	0	16.32		17.00		17.13	0.0	17.5	21.04		22.05		21.11	1.0	22.5
			81	40	16.27		17.01		17.17	0.0	17.5	22.04		22.49		21.67	0.0	23.5
			81	81	16.29		17.05		17.22	0.0	17.5	22.11		21.44		20.32	1.0	22.5
			162	0	16.31		17.04		17.17	0.0	17.5	21.52		21.71		20.86	1.0	22.5
		16QAM	1	1	16.30		16.88		17.28	0.0	17.5	20.62		22.25		21.62	1.0	22.5
			1	80	16.28		16.96		17.31	0.0	17.5	21.42		22.24		20.97	1.0	22.5
			1	160	16.28		16.96		17.27	0.0	17.5	22.38		21.82		20.15	1.0	22.5
		64QAM	1	1	16.28		17.01		17.32	0.0	17.5	20.38		21.20		20.13	1.5	22.0
		256QAM	1	1	16.27		17.14		17.33	0.0	17.5	18.11		19.49		18.79	3.5	20.0
	CP-OFDM	QPSK	1	1	16.30		16.93		17.13	0.0	17.5	20.33		22.18		21.02	1.0	22.5

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)					MPR	Tune-up Limit	Measured Pwr (dBm)					MPR	Tune-up Limit
					504204		518598		532998			504204		518598		532998		
					2521.02 MHz		2592.99 MHz		2664.99 MHz			2521.02 MHz		2592.99 MHz		2664.99 MHz		
50 MHz	DFT-s-OFDM	π/2 BPSK	1	1	16.29		16.82		17.11	0.0	17.5	21.98		22.37		22.67	0.0	23.5
			1	66	16.18		16.98		17.05	0.0	17.5	21.94		22.64		22.45	0.0	23.5
			1	131	16.30		16.97		17.01	0.0	17.5	22.40		22.61		21.65	0.0	23.5
			64	0	16.27		17.01		17.11	0.0	17.5	21.91		22.63		22.50	0.5	23.0
			64	34	16.34		17.06		17.07	0.0	17.5	22.02		22.69		22.52	0.0	23.5
			64	69	16.25		17.00		17.12	0.0	17.5	22.22		22.71		21.63	0.5	23.0
			128	0	16.36		17.04		17.18	0.0	17.5	22.07		22.64		22.14	0.5	23.0
		QPSK	1	1	16.30		17.03		17.20	0.0	17.5	21.59		22.40		22.31	0.0	23.5
			1	66	16.34		17.03		17.18	0.0	17.5	21.98		22.45		21.69	0.0	23.5
			1	131	16.26		17.14		17.22	0.0	17.5	22.37		22.24		22.11	0.0	23.5
			64	0	16.28		17.06		17.18	0.0	17.5	21.05		22.03		21.19	1.0	22.5
			64	34	16.27		17.09		17.15	0.0	17.5	22.05		22.45		21.72	0.0	23.5
			64	69	16.34		16.96		17.19	0.0	17.5	22.07		21.44		20.33	1.0	22.5
			128	0	16.24		16.98		17.15	0.0	17.5	21.54		21.66		20.91	1.0	22.5
		16QAM	1	1	16.25		16.92		17.27	0.0	17.5	20.61		22.19		21.69	1.0	22.5
			1	66	16.28		16.94		17.38	0.0	17.5	21.40		22.17		20.92	1.0	22.5
			1	131	16.24		16.90		17.33	0.0	17.5	22.37		21.76		20.12	1.0	22.5
		64QAM	1	1	16.33		16.94		17.23	0.0	17.5	20.39		21.20		20.18	1.5	22.0
		256QAM	1	1	16.37		17.07		17.33	0.0	17.5	18.04		19.46		18.78	3.5	20.0
	CP-OFDM	QPSK	1	1	16.24		17.04		17.09	0.0	17.5	20.35		22.21		21.12	1.0	22.5

Notes:

NR TDD mode were measured output power through test mode software provided by manufacturer.

NR Band n41 (Main2) Measured Results (Continued)

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)					MPR	Tune-up Limit	Measured Pwr (dBm)					MPR	Tune-up Limit
					503202	513468		523734	534000			503202	513468		523734	534000		
					2516.01 MHz	2567.34 MHz		2618.67 MHz	2670.00 MHz			2516.01 MHz	2567.34 MHz		2618.67 MHz	2670.00 MHz		
40 MHz	DFT-s-OFDM	π/2 BPSK	1	1	16.29	16.79		16.85	17.04	0.0	17.5	22.00	22.55		22.79	22.67	0.0	23.5
			1	52	16.21	16.88		16.85	17.09	0.0	17.5	21.93	22.64		22.78	22.47	0.0	23.5
			1	104	16.30	16.81		17.01	17.12	0.0	17.5	22.37	23.00		22.93	21.62	0.0	23.5
			50	0	16.28	16.71		16.88	17.12	0.0	17.5	21.88	22.66		22.77	22.46	0.5	23.0
			50	28	16.34	16.74		16.84	17.14	0.0	17.5	22.03	22.70		22.84	22.50	0.0	23.5
			50	56	16.23	16.86		16.99	17.14	0.0	17.5	22.23	22.91		22.92	21.68	0.5	23.0
			100	0	16.39	16.79		16.84	17.16	0.0	17.5	22.05	22.72		22.88	22.13	0.5	23.0
		QPSK	1	1	16.22	16.87		16.95	17.22	0.0	17.5	21.57	22.72		22.82	22.31	0.0	23.5
			1	52	16.36	16.92		16.87	17.20	0.0	17.5	21.97	22.70		22.54	21.64	0.0	23.5
			1	104	16.36	16.86		16.94	17.19	0.0	17.5	22.37	22.99		22.44	22.21	0.0	23.5
			50	0	16.27	16.82		16.90	17.27	0.0	17.5	21.02	22.39		21.77	21.15	1.0	22.5
			50	28	16.29	16.78		16.87	17.24	0.0	17.5	22.02	22.68		22.60	21.70	0.0	23.5
			50	56	16.32	16.79		17.01	17.17	0.0	17.5	22.08	22.21		21.56	20.34	1.0	22.5
			100	0	16.26	16.72		16.93	17.20	0.0	17.5	21.50	22.34		21.72	20.88	1.0	22.5
		16QAM	1	1	16.33	16.62		17.01	17.35	0.0	17.5	20.58	22.42		21.94	21.64	1.0	22.5
			1	52	16.26	16.68		16.95	17.41	0.0	17.5	21.40	22.22		21.70	20.96	1.0	22.5
			1	104	16.26	16.63		17.10	17.28	0.0	17.5	22.38	22.12		21.63	20.13	1.0	22.5
		64QAM	1	1	16.26	16.98		17.19	17.26	0.0	17.5	20.31	21.38		20.84	20.13	1.5	22.0
		256QAM	1	1	16.32	16.91		16.92	17.29	0.0	17.5	18.06	19.73		19.18	18.75	3.5	20.0
	CP-OFDM	QPSK	1	1	16.31	16.65		16.86	17.10	0.0	17.5	20.32	22.05		21.54	21.07	1.0	22.5

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)					MPR	Tune-up Limit	Measured Pwr (dBm)					MPR	Tune-up Limit
					502200	510402	518598	526800	534996			502200	510402	518598	526800	534996		
					2511.00 MHz	2552.01 MHz	2592.99 MHz	2634.00 MHz	2674.98 MHz			2511.00 MHz	2552.01 MHz	2592.99 MHz	2634.00 MHz	2674.98 MHz		
30 MHz	DFT-s-OFDM	π/2 BPSK	1	1	16.31	16.79	16.81	16.87	17.02	0.0	17.5	22.02	22.50	22.40	22.80	22.67	0.0	23.5
			1	39	16.17	16.85	16.91	16.85	17.14	0.0	17.5	21.97	22.62	22.69	22.83	22.45	0.0	23.5
			1	76	16.29	16.84	16.95	16.91	17.07	0.0	17.5	22.41	22.97	22.65	22.93	21.67	0.0	23.5
			36	0	16.23	16.72	16.97	16.82	17.05	0.0	17.5	21.92	22.61	22.55	22.73	22.48	0.5	23.0
			36	21	16.25	16.70	16.96	16.92	17.05	0.0	17.5	21.98	22.66	22.68	22.80	22.46	0.0	23.5
			36	42	16.29	16.87	17.08	16.91	17.08	0.0	17.5	22.19	22.93	22.63	22.92	21.69	0.5	23.0
			75	0	16.35	16.79	17.03	16.83	17.17	0.0	17.5	22.01	22.67	22.69	22.86	22.18	0.5	23.0
		QPSK	1	1	16.33	16.74	17.09	16.94	17.21	0.0	17.5	21.58	22.77	22.38	22.87	22.35	0.0	23.5
			1	39	16.31	16.93	17.11	16.87	17.20	0.0	17.5	21.98	22.66	22.38	22.53	21.63	0.0	23.5
			1	76	16.31	16.83	17.04	16.95	17.26	0.0	17.5	22.38	22.94	22.21	22.48	21.57	0.0	23.5
			36	0	16.32	16.84	17.02	16.82	17.21	0.0	17.5	20.98	22.34	22.06	21.74	21.15	1.0	22.5
			36	21	16.35	16.80	17.01	16.93	17.22	0.0	17.5	21.97	22.71	22.47	22.63	21.69	0.0	23.5
			36	42	16.27	16.80	16.96	16.89	17.18	0.0	17.5	22.08	22.20	21.37	21.60	20.35	1.0	22.5
			75	0	16.25	16.77	17.05	16.90	17.21	0.0	17.5	21.55	22.34	21.63	21.69	20.83	1.0	22.5
		16QAM	1	1	16.32	16.55	16.94	16.89	17.31	0.0	17.5	20.62	22.42	22.15	21.89	21.64	1.0	22.5
			1	39	16.21	16.63	16.94	16.88	17.40	0.0	17.5	21.36	22.18	22.17	21.74	20.97	1.0	22.5
			1	76	16.36	16.69	16.90	17.09	17.28	0.0	17.5	22.35	22.17	21.78	21.58	20.11	1.0	22.5
		64QAM	1	1	16.30	16.97	16.95	17.10	17.27	0.0	17.5	20.08	21.39	21.22	20.79	20.15	1.5	22.0
		256QAM	1	1	16.38	16.90	17.08	16.95	17.28	0.0	17.5	18.10	19.72	19.45	19.14	18.72	3.5	20.0
	CP-OFDM	QPSK	1	1	16.24	16.61	16.93	16.81	17.16	0.0	17.5	20.34	22.10	22.17	21.49	21.11	1.0	22.5

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)					MPR	Tune-up Limit	Measured Pwr (dBm)					MPR	Tune-up Limit
					501204	509904	518598	527298	535998			501204	509904	518598	527298	535998		
					2506.02 MHz	2549.52 MHz	2592.99 MHz	2636.49 MHz	2679.99 MHz			2506.02 MHz	2549.52 MHz	2592.99 MHz	2636.49 MHz	2679.99 MHz		
20 MHz	DFT-s-OFDM	π/2 BPSK	1	1	16.32	16.79	16.78	16.90	17.09	0.0	17.5	22.01	22.53	22.34	22.81	22.67	0.0	23.5
			1	25	16.19	16.82	16.96	16.90	17.11	0.0	17.5	21.91	22.61	22.69	22.81	22.46	0.0	23.5
			1	49	16.29	16.86	17.00	16.92	17.09	0.0	17.5	22.39	23.00	22.65	22.90	21.67	0.0	23.5
			25	0	16.30	16.67	16.95	16.92	17.17	0.0	17.5	21.89	22.70	22.55	22.78	22.41	0.5	23.0
			25	13	16.25	16.76	17.05	16.88	17.16	0.0	17.5	22.00	22.70	22.70	22.85	22.46	0.0	23.5
			25	26	16.30	16.83	17.00	16.93	17.10	0.0	17.5	22.26	22.92	22.62	22.88	21.63	0.5	23.0
			50	0	16.32	16.78	17.05	16.92	17.13	0.0	17.5	22.08	22.68	22.72	22.83	22.10	0.5	23.0
		QPSK	1	1	16.21	16.86	17.07	16.94	17.12	0.0	17.5	21.52	22.70	22.48	22.85	22.34	0.0	23.5
			1	25	16.28	16.92	17.04	16.90	17.19	0.0	17.5	21.92	22.65	22.43	22.55	21.65	0.0	23.5
			1	49	16.30	16.95	17.02	16.90	17.26	0.0	17.5	22.33	22.97	22.20	22.46	22.10	0.0	23.5
			25	0	16.23	16.78	17.06	16.92	17.18	0.0	17.5	21.01	22.42	22.07	21.74	21.10	1.0	22.5
			25	13	16.30	16.76	16.98	16.88	17.21	0.0	17.5	22.00	22.71	22.47	22.60	21.72	0.0	23.5
			25	26	16.30	16.84	17.08	16.93	17.21	0.0	17.5	22.08	22.26	21.39	21.60	20.30	1.0	22.5
			50	0	16.25	16.76	16.93	16.91	17.19	0.0	17.5	21.55	22.30	21.65	21.67	20.90	1.0	22.5
		16QAM	1	1	16.35	16.55	16.87	16.88	17.30	0.0	17.5	20.63	22.47	22.19	21.97	21.64	1.0	22.5
			1	25	16.26	16.66	16.91	16.92	17.32	0.0	17.5	21.40	22.17	22.25	21.65	20.92	1.0	22.5
			1	49	16.37	16.64	16.95	17.08	17.31	0.0	17.5	22.43	22.15	21.80	21.61	20.13	1.0	22.5
		64QAM	1	1	16.29	16.97	16.96	17.11	17.30	0.0	17.5	20.08	21.43	21.13	20.83	20.09	1.5	22.0
		256QAM	1	1	16.30	16.90	17.12	16.97	17.28	0.0	17.5	18.01	19.74	19.51	19.23	18.79	3.5	20.0
	CP-OFDM	QPSK	1	1	16.31	16.65	17.02	16.77	17.16	0.0	17.5	20.35	22.06	22.21	21.55	21.05	1.0	22.5

Notes:

NR TDD mode were measured output power through test mode software provided by manufacturer.

NR Band n41 (Main.2) Measured Results (Continued)

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)					MPR	Tune-up Limit	Measured Pwr (dBm)					MPR	Tune-up Limit
					500700	509652	518598	527550	536496			500700	509652	518598	527550	536496		
					2503.50 MHz	2548.26 MHz	2592.99 MHz	2637.75 MHz	2682.48 MHz			2503.50 MHz	2548.26 MHz	2592.99 MHz	2637.75 MHz	2682.48 MHz		
15 MHz	DFT-s-OFDM	π/2 BPSK	1	1	16.27	16.73	16.79	16.89	17.04	0.0	17.5	21.98	22.59	22.33	22.76	22.72	0.0	23.5
			1	18	16.30	16.89	17.01	16.80	17.02	0.0	17.5	21.96	22.67	22.67	22.73	22.51	0.0	23.5
			1	36	16.29	16.85	17.01	16.90	17.14	0.0	17.5	22.39	23.01	22.63	22.95	21.60	0.0	23.5
			18	0	16.28	16.69	17.02	16.85	17.12	0.0	17.5	21.85	22.70	22.58	22.78	22.50	0.5	23.0
			18	10	16.32	16.76	17.03	16.88	17.08	0.0	17.5	22.03	22.66	22.76	22.89	22.54	0.0	23.5
			18	20	16.29	16.85	17.09	16.91	17.06	0.0	17.5	22.18	22.89	22.66	22.87	21.73	0.5	23.0
			36	0	16.28	16.85	17.03	16.89	17.11	0.0	17.5	22.01	22.74	22.68	22.92	22.16	0.5	23.0
		QPSK	1	1	16.32	16.79	17.06	16.92	17.23	0.0	17.5	21.61	22.71	22.39	22.82	22.36	0.0	23.5
			1	18	16.39	16.90	17.04	16.89	17.22	0.0	17.5	21.94	22.69	22.40	22.57	21.59	0.0	23.5
			1	36	16.27	16.88	17.08	16.91	17.18	0.0	17.5	22.34	23.02	22.22	22.40	22.40	0.0	23.5
			18	0	16.22	16.78	17.04	16.86	17.15	0.0	17.5	20.98	22.36	22.03	21.76	21.16	1.0	22.5
			18	10	16.31	16.77	17.04	16.84	17.24	0.0	17.5	22.06	22.69	22.43	22.58	21.70	0.0	23.5
			18	20	16.29	16.83	17.07	16.95	17.21	0.0	17.5	22.05	22.21	21.37	21.61	20.30	1.0	22.5
			36	0	16.21	16.72	16.97	16.94	17.14	0.0	17.5	21.46	22.30	21.66	21.75	20.88	1.0	22.5
		16QAM	1	1	16.31	16.54	16.87	16.97	17.28	0.0	17.5	20.59	22.44	22.18	21.91	21.67	1.0	22.5
			1	18	16.19	16.71	16.96	16.88	17.36	0.0	17.5	21.42	22.27	22.19	21.65	20.97	1.0	22.5
			1	36	16.32	16.71	16.93	17.08	17.36	0.0	17.5	22.33	22.13	21.77	21.66	20.16	1.0	22.5
		64QAM	1	1	16.37	17.00	16.99	17.10	17.36	0.0	17.5	20.11	21.35	21.23	20.89	20.09	1.5	22.0
		256QAM	1	1	16.36	16.96	17.06	16.99	17.23	0.0	17.5	18.06	19.75	19.55	19.21	18.75	3.5	20.0
	CP-OFDM	QPSK	1	1	16.35	16.65	16.97	16.83	17.15	0.0	17.5	20.43	22.08	22.20	21.53	21.05	1.0	22.5

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)					MPR	Tune-up Limit	Measured Pwr (dBm)					MPR	Tune-up Limit
					500202	509400	518598	527802	537000			500202	509400	518598	527802	537000		
					2501.01 MHz	2547.00 MHz	2592.99 MHz	2639.01 MHz	2685.00 MHz			2501.01 MHz	2547.00 MHz	2592.99 MHz	2639.01 MHz	2685.00 MHz		
10 MHz	DFT-s-OFDM	π/2 BPSK	1	1	16.26	16.75	16.87	16.90	17.03	0.0	17.5	21.86	21.62	22.38	22.48	22.61	0.0	23.5
			1	12	16.21	16.79	16.91	16.83	17.10	0.0	17.5	21.87	21.67	22.66	22.61	22.68	0.0	23.5
			1	22	16.28	16.88	16.93	16.97	17.09	0.0	17.5	21.90	21.67	22.64	22.64	22.46	0.0	23.5
			12	0	16.29	16.75	17.00	16.81	17.09	0.0	17.5	21.87	21.68	22.60	22.67	22.17	0.5	23.0
			12	6	16.22	16.73	16.95	16.88	17.11	0.0	17.5	21.84	21.70	22.71	22.66	22.30	0.0	23.5
			12	12	16.28	16.83	17.01	16.85	17.13	0.0	17.5	21.90	21.68	22.67	22.69	21.70	0.5	23.0
			24	0	16.34	16.81	17.03	16.82	17.19	0.0	17.5	21.89	21.76	22.68	22.70	21.79	0.5	23.0
		QPSK	1	1	16.23	16.78	17.05	16.85	17.21	0.0	17.5	21.93	21.73	22.43	22.84	21.72	0.0	23.5
			1	12	16.29	16.95	17.02	16.85	17.19	0.0	17.5	21.96	21.72	22.41	22.75	21.12	0.0	23.5
			1	22	16.29	16.87	17.04	16.90	17.20	0.0	17.5	21.94	21.80	22.20	22.71	21.22	0.0	23.5
			12	0	16.31	16.74	17.00	16.85	17.17	0.0	17.5	21.03	20.66	22.05	21.78	20.56	1.0	22.5
			12	6	16.25	16.72	17.04	16.86	17.22	0.0	17.5	21.94	21.68	22.44	22.74	21.21	0.0	23.5
			12	12	16.25	16.89	16.98	16.88	17.15	0.0	17.5	21.18	21.66	21.40	21.92	22.32	1.0	22.5
			24	0	16.25	16.74	17.03	16.86	17.16	0.0	17.5	21.09	20.66	21.67	21.78	20.47	1.0	22.5
		16QAM	1	1	16.29	16.60	16.89	16.97	17.22	0.0	17.5	20.84	20.31	22.20	21.80	20.78	1.0	22.5
			1	12	16.28	16.68	16.93	16.96	17.29	0.0	17.5	20.72	20.52	22.22	21.82	20.19	1.0	22.5
			1	22	16.30	16.68	16.90	17.06	17.31	0.0	17.5	21.19	20.66	21.77	21.85	20.29	1.0	22.5
		64QAM	1	1	16.30	16.99	16.96	17.14	17.29	0.0	17.5	19.90	21.94	21.18	20.61	19.79	1.5	22.0
		256QAM	1	1	16.29	16.89	17.15	16.94	17.28	0.0	17.5	18.31	17.79	19.50	19.13	18.30	3.5	20.0
	CP-OFDM	QPSK	1	1	16.33	16.62	16.95	16.80	17.08	0.0	17.5	20.66	22.28	22.16	21.51	20.57	1.0	22.5

Notes:

NR TDD mode were measured output power through test mode software provided by manufacturer.

NR Band n41 (Sub.2) Measured Results

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Maximum Allowed Average Power (dBm) DSI = 0, 4, 5 Measured Pwr (dBm) 518598 2592.99 MHz	MPR	Tune-up Limit	Maximum Allowed Average Power (dBm) DSI = 3 Measured Pwr (dBm) 518598 2592.99 MHz	MPR	Tune-up Limit
100 MHz	DFT-s-OFDM	π/2 BPSK	1	1	17.09	0.0	18.0	17.62	0.0	18.5
			1	136	17.09	0.0	18.0	17.77	0.0	18.5
			1	271	16.84	0.0	18.0	17.56	0.0	18.5
			135	0	17.21	0.0	18.0	17.51	0.0	18.5
			135	69	17.15	0.0	18.0	17.66	0.0	18.5
			135	138	17.98	0.0	18.0	17.57	0.0	18.5
			270	0	17.07	0.0	18.0	17.55	0.0	18.5
		QPSK	1	1	17.25	0.0	18.0	17.87	0.0	18.5
			1	136	17.23	0.0	18.0	17.81	0.0	18.5
			1	271	16.86	0.0	18.0	17.45	0.0	18.5
			135	0	17.35	0.0	18.0	17.91	0.0	18.5
			135	69	17.30	0.0	18.0	17.81	0.0	18.5
			135	138	17.16	0.0	18.0	17.68	0.0	18.5
			270	0	17.16	0.0	18.0	17.61	0.0	18.5
		16QAM	1	1	17.53	0.0	18.0	18.06	0.0	18.5
			1	136	17.59	0.0	18.0	18.05	0.0	18.5
			1	271	17.21	0.0	18.0	17.81	0.0	18.5
		64QAM	1	1	17.50	0.0	18.0	17.87	0.0	18.5
		256QAM	1	1	17.36	0.0	18.0	17.81	0.0	18.5
	CP-OFDM	QPSK	1	1	17.25	0.0	18.0	17.77	0.0	18.5

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm) 508200 2541.00 MHz	528996 2644.98 MHz	MPR	Tune-up Limit	Measured Pwr (dBm) 508200 2541.00 MHz	528996 2644.98 MHz	MPR	Tune-up Limit
90 MHz	DFT-s-OFDM	π/2 BPSK	1	1	15.68	16.95	0.0	18.0	16.24	17.72	0.0	18.5
			1	122	17.04	16.91	0.0	18.0	16.82	17.65	0.0	18.5
			1	243	17.35	17.12	0.0	18.0	17.16	17.80	0.0	18.5
			120	0	16.57	17.10	0.0	18.0	16.56	17.74	0.0	18.5
			120	62	17.00	17.02	0.0	18.0	16.92	17.79	0.0	18.5
			120	125	17.12	17.15	0.0	18.0	17.08	17.78	0.0	18.5
			243	0	16.94	17.13	0.0	18.0	16.85	17.85	0.0	18.5
		QPSK	1	1	15.70	17.15	0.0	18.0	16.43	17.71	0.0	18.5
			1	122	17.11	17.00	0.0	18.0	16.99	17.91	0.0	18.5
			1	243	17.38	17.25	0.0	18.0	17.27	17.88	0.0	18.5
			120	0	16.75	17.14	0.0	18.0	16.73	17.79	0.0	18.5
			120	62	17.14	17.08	0.0	18.0	16.97	17.83	0.0	18.5
			120	125	17.22	17.16	0.0	18.0	17.15	17.83	0.0	18.5
			243	0	17.07	17.12	0.0	18.0	16.96	17.85	0.0	18.5
		16QAM	1	1	15.75	17.21	0.0	18.0	16.98	17.92	0.0	18.5
			1	122	17.06	17.05	0.0	18.0	17.36	17.85	0.0	18.5
			1	243	17.32	17.22	0.0	18.0	17.65	17.85	0.0	18.5
		64QAM	1	1	15.96	17.40	0.0	18.0	16.83	18.09	0.0	18.5
		256QAM	1	1	15.88	17.31	0.0	18.0	16.66	18.00	0.0	18.5
	CP-OFDM	QPSK	1	1	15.83	17.18	0.0	18.0	16.44	17.50	0.0	18.5

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm) 507204 2536.02 MHz	529998 2649.99 MHz	MPR	Tune-up Limit	Measured Pwr (dBm) 507204 2536.02 MHz	529998 2649.99 MHz	MPR	Tune-up Limit
80 MHz	DFT-s-OFDM	π/2 BPSK	1	1	15.75	17.22	0.0	18.0	16.24	17.69	0.0	18.5
			1	108	16.34	17.16	0.0	18.0	16.82	17.66	0.0	18.5
			1	215	16.66	17.30	0.0	18.0	17.11	17.74	0.0	18.5
			108	0	16.07	17.30	0.0	18.0	16.59	17.81	0.0	18.5
			108	54	16.42	17.24	0.0	18.0	16.91	17.71	0.0	18.5
			108	109	16.58	17.30	0.0	18.0	17.11	17.84	0.0	18.5
			216	0	16.29	17.33	0.0	18.0	16.78	17.80	0.0	18.5
		QPSK	1	1	15.86	17.28	0.0	18.0	16.40	17.75	0.0	18.5
			1	108	16.48	17.33	0.0	18.0	16.95	17.90	0.0	18.5
			1	215	16.77	17.43	0.0	18.0	17.26	17.89	0.0	18.5
			108	0	16.18	17.30	0.0	18.0	16.75	17.85	0.0	18.5
			108	54	16.46	17.35	0.0	18.0	16.98	17.81	0.0	18.5
			108	109	16.65	17.38	0.0	18.0	17.11	17.81	0.0	18.5
			216	0	16.41	17.29	0.0	18.0	16.96	17.86	0.0	18.5
		16QAM	1	1	16.46	17.41	0.0	18.0	16.91	17.87	0.0	18.5
			1	108	16.85	17.32	0.0	18.0	17.37	17.87	0.0	18.5
			1	215	17.09	17.37	0.0	18.0	17.62	17.83	0.0	18.5
		64QAM	1	1	16.36	17.56	0.0	18.0	16.84	18.07	0.0	18.5
		256QAM	1	1	16.11	17.53	0.0	18.0	16.67	18.03	0.0	18.5
	CP-OFDM	QPSK	1	1	15.90	16.99	0.0	18.0	16.47	17.49	0.0	18.5

Notes:

NR TDD mode were measured output power through test mode software provided by manufacturer.

NR Band n41 (Sub.2) Measured Results (Continued)

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)					MPR	Tune-up Limit	Measured Pwr (dBm)					MPR	Tune-up Limit
					506202				531000			506202				531000		
					2531.01 MHz				2655.00 MHz			2531.01 MHz				2655.00 MHz		
70 MHz	DFT-s-OFDM	π/2 BPSK	1	1	15.81				17.27	0.0	18.0	16.29				17.76	0.0	18.5
			1	94	16.39				17.16	0.0	18.0	16.82				17.63	0.0	18.5
			1	187	16.59				17.24	0.0	18.0	17.12				17.79	0.0	18.5
			90	0	16.08				17.30	0.0	18.0	16.60				17.78	0.0	18.5
			90	49	16.38				17.22	0.0	18.0	16.89				17.75	0.0	18.5
			90	99	16.57				17.30	0.0	18.0	17.09				17.78	0.0	18.5
			180	0	16.33				17.30	0.0	18.0	16.85				17.82	0.0	18.5
		QPSK	1	1	15.89				17.29	0.0	18.0	16.43				17.73	0.0	18.5
			1	94	16.46				17.40	0.0	18.0	17.01				17.90	0.0	18.5
			1	187	16.78				17.38	0.0	18.0	17.27				17.93	0.0	18.5
			90	0	16.18				17.35	0.0	18.0	16.72				17.82	0.0	18.5
			90	49	16.43				17.31	0.0	18.0	16.95				17.83	0.0	18.5
			90	99	16.68				17.34	0.0	18.0	17.19				17.81	0.0	18.5
			180	0	16.44				17.37	0.0	18.0	16.95				17.83	0.0	18.5
		16QAM	1	1	16.42				17.38	0.0	18.0	16.96				17.86	0.0	18.5
			1	94	16.84				17.37	0.0	18.0	17.35				17.83	0.0	18.5
			1	187	17.13				17.36	0.0	18.0	17.67				17.89	0.0	18.5
		64QAM	1	1	16.36				17.59	0.0	18.0	16.91				18.07	0.0	18.5
		256QAM	1	1	16.14				17.47	0.0	18.0	16.61				18.00	0.0	18.5
	CP-OFDM	QPSK	1	1	15.97				16.95	0.0	18.0	16.48				17.51	0.0	18.5

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)					MPR	Tune-up Limit	Measured Pwr (dBm)					MPR	Tune-up Limit
					505200			518598	531996			505200			518598	531996		
					2526.00 MHz			2592.99 MHz	2659.98 MHz			2526.00 MHz			2592.99 MHz	2659.98 MHz		
60 MHz	DFT-s-OFDM	π/2 BPSK	1	1	15.82			17.25	17.22	0.0	18.0	16.29			17.79	17.75	0.0	18.5
			1	80	16.31			17.34	17.13	0.0	18.0	16.89			17.84	17.59	0.0	18.5
			1	160	16.62			17.23	17.28	0.0	18.0	17.15			17.77	17.75	0.0	18.5
			81	0	16.08			17.32	17.27	0.0	18.0	16.56			17.86	17.77	0.0	18.5
			81	40	16.37			17.33	17.27	0.0	18.0	16.85			17.89	17.75	0.0	18.5
			81	81	16.57			17.36	17.31	0.0	18.0	17.05			17.86	17.85	0.0	18.5
			162	0	16.33			17.35	17.35	0.0	18.0	16.78			17.85	17.83	0.0	18.5
		QPSK	1	1	15.90			17.27	17.24	0.0	18.0	16.44			17.82	17.76	0.0	18.5
			1	80	16.46			17.31	17.34	0.0	18.0	16.98			17.81	17.83	0.0	18.5
			1	160	16.74			17.36	17.38	0.0	18.0	17.24			17.82	17.88	0.0	18.5
			81	0	16.19			17.31	17.29	0.0	18.0	16.75			17.79	17.78	0.0	18.5
			81	40	16.45			17.34	17.30	0.0	18.0	16.96			17.83	17.81	0.0	18.5
			81	81	16.61			17.42	17.34	0.0	18.0	17.13			17.87	17.84	0.0	18.5
			162	0	16.44			17.30	17.37	0.0	18.0	16.92			17.85	17.82	0.0	18.5
		16QAM	1	1	16.42			17.44	17.34	0.0	18.0	16.97			17.92	17.91	0.0	18.5
			1	80	16.91			17.43	17.32	0.0	18.0	17.33			17.98	17.82	0.0	18.5
			1	160	17.17			17.42	17.34	0.0	18.0	17.65			17.88	17.83	0.0	18.5
		64QAM	1	1	16.36			17.38	17.53	0.0	18.0	16.89			17.84	18.09	0.0	18.5
		256QAM	1	1	16.18			17.51	17.49	0.0	18.0	16.63			17.97	17.97	0.0	18.5
	CP-OFDM	QPSK	1	1	15.98			17.08	16.96	0.0	18.0	16.47			17.54	17.47	0.0	18.5

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)					MPR	Tune-up Limit	Measured Pwr (dBm)					MPR	Tune-up Limit
					504204			518598	532998			504204			518598	532998		
					2521.02 MHz			2592.99 MHz	2664.99 MHz			2521.02 MHz			2592.99 MHz	2664.99 MHz		
50 MHz	DFT-s-OFDM	π/2 BPSK	1	1	15.77			17.23	17.25	0.0	18.0	16.26			17.71	17.75	0.0	18.5
			1	66	16.37			17.32	17.14	0.0	18.0	16.81			17.86	17.62	0.0	18.5
			1	131	16.59			17.20	17.24	0.0	18.0	17.16			17.71	17.79	0.0	18.5
			64	0	16.06			17.32	17.27	0.0	18.0	16.54			17.81	17.78	0.0	18.5
			64	34	16.38			17.38	17.26	0.0	18.0	16.86			17.81	17.76	0.0	18.5
			64	69	16.62			17.35	17.35	0.0	18.0	17.04			17.89	17.79	0.0	18.5
			128	0	16.33			17.33	17.30	0.0	18.0	16.80			17.80	17.81	0.0	18.5
		QPSK	1	1	15.94			17.27	17.23	0.0	18.0	16.39			17.79	17.71	0.0	18.5
			1	66	16.52			17.32	17.40	0.0	18.0	17.02			17.80	17.91	0.0	18.5
			1	131	16.75			17.33	17.36	0.0	18.0	17.27			17.79	17.89	0.0	18.5
			64	0	16.23			17.32	17.29	0.0	18.0	16.67			17.80	17.85	0.0	18.5
			64	34	16.45			17.36	17.37	0.0	18.0	17.00			17.84	17.79	0.0	18.5
			64	69	16.66			17.40	17.31	0.0	18.0	17.13			17.85	17.87	0.0	18.5
			128	0	16.41			17.30	17.33	0.0	18.0	16.94			17.77	17.82	0.0	18.5
		16QAM	1	1	16.46			17.45	17.42	0.0	18.0	16.97			17.93	17.89	0.0	18.5
			1	66	16.88			17.44	17.39	0.0	18.0	17.39			17.97	17.84	0.0	18.5
			1	131	17.10			17.39	17.36	0.0	18.0	17.61			17.89	17.83	0.0	18.5
		64QAM	1	1	16.37			17.40	17.59	0.0	18.0	16.88			17.84	18.07	0.0	18.5
		256QAM	1	1	16.12			17.50	17.54	0.0	18.0	16.61			18.02	17.99	0.0	18.5
	CP-OFDM	QPSK	1	1	15.90			17.05	16.96	0.0	18.0	16.42			17.51	17.50	0.0	18.5

Notes:

NR TDD mode were measured output power through test mode software provided by manufacturer.

NR Band n41 (Sub.2) Measured Results (Continued)

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)					MPR	Tune-up Limit	Measured Pwr (dBm)					MPR	Tune-up Limit
					503202	513468		523734	534000			503202	513468		523734	534000		
					2516.01 MHz	2567.34 MHz		2618.67 MHz	2670.00 MHz			2516.01 MHz	2567.34 MHz		2618.67 MHz	2670.00 MHz		
40 MHz	DFT-s-OFDM	π/2 BPSK	1	1	15.79	17.20		16.98	17.25	0.0	18.0	16.32	17.70		17.46	17.70	0.0	18.5
			1	52	16.31	17.21		17.04	17.10	0.0	18.0	16.87	17.74		17.58	17.61	0.0	18.5
			1	104	16.60	17.36		17.11	17.27	0.0	18.0	17.10	17.81		17.59	17.76	0.0	18.5
			50	0	16.09	17.31		17.11	17.26	0.0	18.0	16.57	17.79		17.57	17.74	0.0	18.5
			50	28	16.39	17.32		17.04	17.27	0.0	18.0	16.85	17.82		17.50	17.79	0.0	18.5
			50	56	16.54	17.36		17.06	17.33	0.0	18.0	17.06	17.84		17.57	17.82	0.0	18.5
			100	0	16.28	17.36		17.10	17.35	0.0	18.0	16.82	17.84		17.63	17.78	0.0	18.5
		QPSK	1	1	15.94	17.36		17.12	17.29	0.0	18.0	16.42	17.89		17.62	17.79	0.0	18.5
			1	52	16.44	17.32		17.08	17.34	0.0	18.0	16.94	17.86		17.57	17.89	0.0	18.5
			1	104	16.77	17.40		17.11	17.40	0.0	18.0	17.21	17.97		17.65	17.89	0.0	18.5
			50	0	16.22	17.36		17.12	17.31	0.0	18.0	16.68	17.87		17.69	17.85	0.0	18.5
			50	28	16.51	17.40		17.14	17.36	0.0	18.0	17.00	17.84		17.62	17.80	0.0	18.5
			50	56	16.69	17.41		17.14	17.38	0.0	18.0	17.18	17.93		17.67	17.88	0.0	18.5
			100	0	16.41	17.35		17.05	17.37	0.0	18.0	16.94	17.87		17.56	17.85	0.0	18.5
		16QAM	1	1	16.44	17.30		16.88	17.36	0.0	18.0	16.93	17.80		17.36	17.92	0.0	18.5
			1	52	16.91	17.32		16.80	17.36	0.0	18.0	17.34	17.81		17.29	17.89	0.0	18.5
			1	104	17.12	17.44		16.83	17.39	0.0	18.0	17.67	17.92		17.36	17.88	0.0	18.5
		64QAM	1	1	16.38	17.52		17.27	17.56	0.0	18.0	16.83	17.96		17.79	18.09	0.0	18.5
		256QAM	1	1	16.15	17.52		17.11	17.50	0.0	18.0	16.62	18.06		17.57	18.03	0.0	18.5
	CP-OFDM	QPSK	1	1	15.94	17.55		17.09	16.98	0.0	18.0	16.44	18.04		17.59	17.51	0.0	18.5

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)					MPR	Tune-up Limit	Measured Pwr (dBm)					MPR	Tune-up Limit
					502200	510402	518598	526800	534996			502200	510402	518598	526800	534996		
					2511.00 MHz	2552.01 MHz	2592.99 MHz	2634.00 MHz	2674.98 MHz			2511.00 MHz	2552.01 MHz	2592.99 MHz	2634.00 MHz	2674.98 MHz		
30 MHz	DFT-s-OFDM	π/2 BPSK	1	1	15.78	17.21	17.29	16.99	17.19	0.0	18.0	16.29	17.65	17.73	17.46	17.75	0.0	18.5
			1	39	16.38	17.18	17.32	17.03	17.12	0.0	18.0	16.82	17.71	17.84	17.58	17.66	0.0	18.5
			1	76	16.64	17.31	17.21	17.08	17.28	0.0	18.0	17.17	17.78	17.70	17.63	17.80	0.0	18.5
			36	0	16.02	17.30	17.34	17.09	17.31	0.0	18.0	16.60	17.79	17.83	17.58	17.74	0.0	18.5
			36	21	16.40	17.31	17.39	17.06	17.24	0.0	18.0	16.85	17.86	17.86	17.50	17.78	0.0	18.5
			36	42	16.61	17.35	17.37	17.11	17.27	0.0	18.0	17.06	17.80	17.88	17.55	17.79	0.0	18.5
			75	0	16.29	17.34	17.33	17.10	17.29	0.0	18.0	16.84	17.80	17.80	17.55	17.81	0.0	18.5
		QPSK	1	1	15.92	17.38	17.24	17.14	17.29	0.0	18.0	16.41	17.85	17.82	17.67	17.77	0.0	18.5
			1	39	16.44	17.34	17.28	17.03	17.39	0.0	18.0	16.98	17.90	17.78	17.56	17.88	0.0	18.5
			1	76	16.73	17.47	17.35	17.09	17.42	0.0	18.0	17.26	17.96	17.80	17.66	17.86	0.0	18.5
			36	0	16.18	17.37	17.33	17.12	17.34	0.0	18.0	16.74	17.85	17.79	17.66	17.82	0.0	18.5
			36	21	16.48	17.38	17.34	17.14	17.37	0.0	18.0	16.99	17.89	17.86	17.62	17.80	0.0	18.5
			36	42	16.61	17.44	17.42	17.12	17.33	0.0	18.0	17.15	17.90	17.92	17.63	17.86	0.0	18.5
			75	0	16.40	17.36	17.35	17.03	17.30	0.0	18.0	16.89	17.85	17.85	17.61	17.82	0.0	18.5
		16QAM	1	1	16.41	17.36	17.44	16.83	17.36	0.0	18.0	16.93	17.78	17.90	17.35	17.88	0.0	18.5
			1	39	16.89	17.30	17.51	16.79	17.37	0.0	18.0	17.37	17.81	17.97	17.26	17.82	0.0	18.5
			1	76	17.16	17.41	17.42	16.88	17.40	0.0	18.0	17.59	17.88	17.88	17.36	17.86	0.0	18.5
		64QAM	1	1	16.35	17.50	17.33	17.25	17.52	0.0	18.0	16.84	17.96	17.88	17.74	18.03	0.0	18.5
		256QAM	1	1	16.15	17.54	17.52	17.11	17.55	0.0	18.0	16.62	18.06	17.99	17.60	17.97	0.0	18.5
	CP-OFDM	QPSK	1	1	15.90	17.48	17.08	17.14	17.01	0.0	18.0	16.42	18.04	17.53	17.66	17.46	0.0	18.5

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)					MPR	Tune-up Limit	Measured Pwr (dBm)					MPR	Tune-up Limit
					501204	509904	518598	527298	535998			501204	509904	518598	527298	535998		
					2506.02 MHz	2549.52 MHz	2592.99 MHz	2636.49 MHz	2679.99 MHz			2506.02 MHz	2549.52 MHz	2592.99 MHz	2636.49 MHz	2679.99 MHz		
20 MHz	DFT-s-OFDM	π/2 BPSK	1	1	15.76	17.13	17.26	16.99	17.27	0.0	18.0	16.32	17.66	17.71	17.49	17.75	0.0	18.5
			1	25	16.36	17.20	17.31	17.06	17.10	0.0	18.0	16.89	17.71	17.86	17.50	17.65	0.0	18.5
			1	49	16.63	17.33	17.24	17.11	17.25	0.0	18.0	17.10	17.86	17.70	17.64	17.78	0.0	18.5
			25	0	16.10	17.27	17.29	17.11	17.27	0.0	18.0	16.54	17.82	17.79	17.57	17.77	0.0	18.5
			25	13	16.42	17.35	17.37	16.99	17.21	0.0	18.0	16.88	17.82	17.85	17.53	17.71	0.0	18.5
			25	26	16.62	17.29	17.34	17.07	17.27	0.0	18.0	17.11	17.80	17.90	17.54	17.85	0.0	18.5
			50	0	16.28	17.32	17.31	17.05	17.29	0.0	18.0	16.82	17.83	17.80	17.60	17.80	0.0	18.5
		QPSK	1	1	15.90	17.40	17.31	17.17	17.29	0.0	18.0	16.39	17.89	17.75	17.64	17.74	0.0	18.5
			1	25	16.46	17.36	17.28	17.10	17.41	0.0	18.0	16.98	17.87	17.79	17.58	17.83	0.0	18.5
			1	49	16.71	17.44	17.36	17.09	17.39	0.0	18.0	17.22	17.90	17.85	17.65	17.93	0.0	18.5
			25	0	16.20	17.33	17.30	17.14	17.28	0.0	18.0	16.68	17.87	17.81	17.67	17.85	0.0	18.5
			25	13	16.46	17.37	17.29	17.16	17.36	0.0	18.0	16.96	17.87	17.84	17.65	17.86	0.0	18.5
			25	26	16.68	17.39	17.40	17.13	17.36	0.0	18.0	17.13	17.89	17.92	17.65	17.82	0.0	18.5
			50	0	16.42	17.40	17.33	17.07	17.33	0.0	18.0	16.90	17.90	17.80	17.54	17.79	0.0	18.5
		16QAM	1	1	16.45	17.29	17.37	16.90	17.38	0.0	18.0	16.92	17.83	17.90	17.40	17.86	0.0	18.5
			1	25	16.90	17.36	17.49	16.83	17.40	0.0	18.0	17.38	17.80	17.93	17.32	17.89	0.0	18.5
			1	49	17.10	17.44	17.41	16.86	17.36	0.0	18.0	17.62	17.94	17.93	17.33	17.84	0.0	18.5
		64QAM	1	1	16.35	17.52	17.37	17.27	17.56	0.0	18.0	16.84	17.97	17.87	17.79	18.04	0.0	18.5
		256QAM	1	1	16.17	17.58	17.49	17.08	17.50	0.0	18.0	16.62	18.02	17.97	17.59	18.00	0.0	18.5
	CP-OFDM	QPSK	1	1	15.98	17.48	17.06	17.12	16.99	0.0	18.0	16.48	18.03	17.58	17.66	17.47	0.0	18.5

Notes:

NR TDD mode were measured output power through test mode software provided by manufacturer.

NR Band n41 (Sub.2) Measured Results (Continued)

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)					MPR	Tune-up Limit	Measured Pwr (dBm)					MPR	Tune-up Limit
					500700	509652	518598	527550	536496			500700	509652	518598	527550	536496		
					2503.50 MHz	2548.26 MHz	2592.99 MHz	2637.75 MHz	2682.48 MHz			2503.50 MHz	2548.26 MHz	2592.99 MHz	2637.75 MHz	2682.48 MHz		
15 MHz	DFT-s-OFDM	π/2 BPSK	1	1	15.78	17.16	17.25	17.00	17.20	0.0	18.0	16.29	17.66	17.76	17.49	17.77	0.0	18.5
			1	18	16.32	17.24	17.35	17.04	17.17	0.0	18.0	16.83	17.69	17.82	17.52	17.66	0.0	18.5
			1	36	16.60	17.33	17.21	17.15	17.25	0.0	18.0	17.16	17.78	17.72	17.57	17.81	0.0	18.5
			18	0	16.09	17.26	17.31	17.08	17.30	0.0	18.0	16.57	17.75	17.85	17.60	17.75	0.0	18.5
			18	10	16.37	17.29	17.35	17.01	17.29	0.0	18.0	16.93	17.81	17.87	17.53	17.76	0.0	18.5
			18	20	16.59	17.33	17.33	17.09	17.35	0.0	18.0	17.11	17.85	17.85	17.61	17.85	0.0	18.5
			36	0	16.35	17.33	17.33	17.11	17.28	0.0	18.0	16.80	17.83	17.83	17.62	17.83	0.0	18.5
		QPSK	1	1	15.89	17.39	17.29	17.16	17.21	0.0	18.0	16.38	17.91	17.75	17.61	17.73	0.0	18.5
			1	18	16.44	17.35	17.31	17.10	17.37	0.0	18.0	16.95	17.90	17.79	17.53	17.90	0.0	18.5
			1	36	16.71	17.43	17.32	17.12	17.40	0.0	18.0	17.20	17.95	17.78	17.60	17.89	0.0	18.5
			18	0	16.17	17.35	17.31	17.20	17.31	0.0	18.0	16.67	17.90	17.84	17.62	17.78	0.0	18.5
			18	10	16.51	17.36	17.34	17.11	17.30	0.0	18.0	17.01	17.87	17.80	17.65	17.87	0.0	18.5
			18	20	16.61	17.39	17.36	17.11	17.38	0.0	18.0	17.15	17.91	17.89	17.67	17.86	0.0	18.5
			36	0	16.39	17.37	17.27	17.11	17.30	0.0	18.0	16.91	17.83	17.80	17.55	17.80	0.0	18.5
		16QAM	1	1	16.45	17.33	17.37	16.84	17.36	0.0	18.0	16.96	17.81	17.91	17.40	17.88	0.0	18.5
			1	18	16.88	17.29	17.43	16.81	17.32	0.0	18.0	17.39	17.85	18.01	17.26	17.82	0.0	18.5
			1	36	17.09	17.38	17.41	16.86	17.34	0.0	18.0	17.62	17.88	17.92	17.37	17.85	0.0	18.5
		64QAM	1	1	16.33	17.49	17.38	17.27	17.58	0.0	18.0	16.83	17.96	17.90	17.71	18.05	0.0	18.5
		256QAM	1	1	16.11	17.51	17.45	17.12	17.48	0.0	18.0	16.66	18.01	17.97	17.60	17.97	0.0	18.5
	CP-OFDM	QPSK	1	1	15.91	17.51	17.02	17.16	17.00	0.0	18.0	16.46	18.03	17.51	17.65	17.47	0.0	18.5

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)					MPR	Tune-up Limit	Measured Pwr (dBm)					MPR	Tune-up Limit
					500202	509400	518598	527802	537000			500202	509400	518598	527802	537000		
					2501.01 MHz	2547.00 MHz	2592.99 MHz	2639.01 MHz	2685.00 MHz			2501.01 MHz	2547.00 MHz	2592.99 MHz	2639.01 MHz	2685.00 MHz		
10 MHz	DFT-s-OFDM	π/2 BPSK	1	1	15.77	17.16	17.24	16.97	17.22	0.0	18.0	16.27	17.63	17.79	17.45	17.74	0.0	18.5
			1	12	16.34	17.20	17.34	17.03	17.12	0.0	18.0	16.81	17.74	17.88	17.52	17.59	0.0	18.5
			1	22	16.62	17.31	17.23	17.10	17.26	0.0	18.0	17.14	17.82	17.70	17.57	17.76	0.0	18.5
			12	0	16.05	17.28	17.31	17.07	17.27	0.0	18.0	16.53	17.80	17.80	17.61	17.74	0.0	18.5
			12	6	16.38	17.31	17.34	17.02	17.24	0.0	18.0	16.93	17.81	17.83	17.57	17.78	0.0	18.5
			12	12	16.57	17.32	17.36	17.07	17.30	0.0	18.0	17.10	17.82	17.87	17.55	17.77	0.0	18.5
			24	0	16.31	17.32	17.31	17.08	17.30	0.0	18.0	16.84	17.82	17.83	17.57	17.82	0.0	18.5
		QPSK	1	1	15.89	17.38	17.27	17.14	17.24	0.0	18.0	16.37	17.90	17.80	17.66	17.75	0.0	18.5
			1	12	16.47	17.35	17.31	17.06	17.36	0.0	18.0	16.96	17.88	17.78	17.60	17.88	0.0	18.5
			1	22	16.73	17.43	17.31	17.12	17.38	0.0	18.0	17.28	17.90	17.78	17.65	17.89	0.0	18.5
			12	0	16.20	17.36	17.29	17.15	17.30	0.0	18.0	16.69	17.90	17.82	17.68	17.83	0.0	18.5
			12	6	16.46	17.35	17.31	17.12	17.32	0.0	18.0	16.97	17.86	17.80	17.65	17.84	0.0	18.5
			12	12	16.64	17.40	17.37	17.12	17.34	0.0	18.0	17.15	17.94	17.86	17.64	17.81	0.0	18.5
			24	0	16.42	17.35	17.30	17.06	17.32	0.0	18.0	16.91	17.83	17.77	17.55	17.87	0.0	18.5
		16QAM	1	1	16.43	17.31	17.40	16.85	17.37	0.0	18.0	16.95	17.86	17.89	17.36	17.91	0.0	18.5
			1	12	16.86	17.32	17.46	16.79	17.35	0.0	18.0	17.37	17.83	17.95	17.28	17.89	0.0	18.5
			1	22	17.12	17.40	17.40	16.86	17.36	0.0	18.0	17.61	17.91	17.88	17.36	17.86	0.0	18.5
		64QAM	1	1	16.36	17.49	17.36	17.24	17.55	0.0	18.0	16.90	18.00	17.87	17.72	18.07	0.0	18.5
		256QAM	1	1	16.13	17.54	17.48	17.10	17.50	0.0	18.0	16.68	18.06	18.00	17.64	18.02	0.0	18.5
	CP-OFDM	QPSK	1	1	15.93	17.50	17.04	17.12	16.97	0.0	18.0	16.44	17.98	17.52	17.60	17.49	0.0	18.5

Notes:

NR TDD mode were measured output power through test mode software provided by manufacturer.

NR Band n48 (Sub.3) (Voice/data/SRS1) Measured Results

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Maximum Allowed Average Power (dBm)						Maximum Allowed Average Power (dBm)					
					DSI = 0, 4, 5						DSI = 3					
					Measured Pwr (dBm)				MPR	Tune-up Limit	Measured Pwr (dBm)				MPR	Tune-up Limit
					638000		641666	645332			638000		641666	645332		
					3570.00 MHz		3624.99 MHz	3679.98 MHz			3570.00 MHz		3624.99 MHz	3679.98 MHz		
40 MHz	DFT-s-OFDM	π/2 BPSK	1	1	14.25		14.71	14.72	0.0	15.5	15.30		15.69	15.76	0.0	16.5
			1	52	14.40		14.91	14.57	0.0	15.5	15.44		15.93	15.62	0.0	16.5
			1	104	14.59		14.88	14.59	0.0	15.5	15.64		15.85	15.59	0.0	16.5
			50	0	14.43		14.84	14.71	0.0	15.5	15.43		15.84	15.66	0.0	16.5
			50	28	14.47		14.87	14.58	0.0	15.5	15.45		15.83	15.54	0.0	16.5
			50	56	14.58		14.90	14.47	0.0	15.5	15.58		15.86	15.48	0.0	16.5
			100	0	14.46		14.85	14.55	0.0	15.5	15.44		15.83	15.58	0.0	16.5
		QPSK	1	1	14.44		14.56	14.58	0.0	15.5	15.44		15.60	15.61	0.0	16.5
			1	52	14.54		14.83	14.51	0.0	15.5	15.58		15.83	15.52	0.0	16.5
			1	104	14.72		14.73	14.45	0.0	15.5	15.76		15.75	15.40	0.0	16.5
			50	0	14.48		14.63	14.54	0.0	15.5	15.43		15.60	15.58	0.0	16.5
			50	28	14.49		14.85	14.59	0.0	15.5	15.49		15.85	15.55	0.0	16.5
			50	56	14.48		14.71	14.46	0.0	15.5	15.52		15.74	15.47	0.0	16.5
			100	0	14.51		14.83	14.52	0.0	15.5	15.46		15.81	15.49	0.0	16.5
		16QAM	1	1	13.99		14.84	14.85	0.0	15.5	15.00		15.84	15.84	0.0	16.5
			1	52	14.01		15.14	14.63	0.0	15.5	15.06		16.16	15.62	0.0	16.5
			1	104	14.23		14.96	14.51	0.0	15.5	15.27		16.00	15.52	0.0	16.5
		64QAM	1	1	14.60		14.80	14.75	0.0	15.5	15.61		15.85	15.76	0.0	16.5
		256QAM	1	1	14.30		14.89	14.68	0.0	15.5	15.31		15.87	15.63	0.0	16.5
	CP-OFDM	QPSK	1	1	14.42		14.56	14.71	0.0	15.5	15.47		15.55	15.69	0.0	16.5
BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)				MPR	Tune-up Limit	Measured Pwr (dBm)				MPR	Tune-up Limit
					637668	640334	643000	645666			637668	640334	643000	645666		
					3565.02 MHz	3605.01 MHz	3645.00 MHz	3684.99 MHz			3565.02 MHz	3605.01 MHz	3645.00 MHz	3684.99 MHz		
30 MHz	DFT-s-OFDM	π/2 BPSK	1	1	14.37	14.38	14.48	14.33	0.0	15.5	15.36	15.33	15.49	15.34	0.0	16.5
			1	39	14.38	14.45	14.61	14.35	0.0	15.5	15.40	15.42	15.60	15.31	0.0	16.5
			1	76	14.42	14.72	14.59	14.42	0.0	15.5	15.39	15.69	15.58	15.41	0.0	16.5
			36	0	14.34	14.48	14.56	14.42	0.0	15.5	15.29	15.47	15.53	15.43	0.0	16.5
			36	21	14.34	14.53	14.59	14.43	0.0	15.5	15.33	15.50	15.57	15.41	0.0	16.5
			36	42	14.36	14.65	14.58	14.35	0.0	15.5	15.36	15.69	15.54	15.36	0.0	16.5
			75	0	14.34	14.62	14.50	14.42	0.0	15.5	15.33	15.59	15.52	15.40	0.0	16.5
		QPSK	1	1	14.39	14.65	14.68	14.32	0.0	15.5	15.44	15.63	15.64	15.28	0.0	16.5
			1	39	14.36	14.67	14.48	14.40	0.0	15.5	15.39	15.64	15.53	15.40	0.0	16.5
			1	76	14.35	14.82	14.48	14.39	0.0	15.5	15.40	15.78	15.53	15.35	0.0	16.5
			36	0	14.40	14.60	14.47	14.36	0.0	15.5	15.39	15.56	15.50	15.40	0.0	16.5
			36	21	14.26	14.61	14.65	14.41	0.0	15.5	15.28	15.61	15.62	15.41	0.0	16.5
			36	42	14.38	14.63	14.52	14.47	0.0	15.5	15.34	15.62	15.55	15.45	0.0	16.5
			75	0	14.39	14.59	14.60	14.33	0.0	15.5	15.39	15.55	15.65	15.38	0.0	16.5
		16QAM	1	1	14.63	14.19	14.75	14.70	0.0	15.5	15.60	15.20	15.72	15.68	0.0	16.5
			1	39	14.63	14.17	14.64	14.77	0.0	15.5	15.59	15.19	15.69	15.76	0.0	16.5
			1	76	14.59	14.41	14.72	14.89	0.0	15.5	15.58	15.44	15.75	15.84	0.0	16.5
		64QAM	1	1	14.54	14.69	15.05	14.42	0.0	15.5	15.55	15.71	16.02	15.39	0.0	16.5
		256QAM	1	1	14.28	14.49	14.65	14.50	0.0	15.5	15.30	15.47	15.66	15.51	0.0	16.5
	CP-OFDM	QPSK	1	1	14.44	14.45	14.63	14.67	0.0	15.5	15.42	15.47	15.64	15.64	0.0	16.5

Notes:

NR TDD mode were measured output power through test mode software provided by manufacturer.

NR Band n48 (Sub.3) (Voice/data/SRS1) Measured Results (Continued)

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)				MPR	Tune-up Limit	Measured Pwr (dBm)				MPR	Tune-up Limit
					637334	640222	643112	646000			637334	640222	643112	646000		
					3560.01 MHz	3603.33 MHz	3646.68 MHz	3690.00 MHz			3560.01 MHz	3603.33 MHz	3646.68 MHz	3690.00 MHz		
20 MHz	DFT-s-OFDM	π/2 BPSK	1	1	14.23	14.32	14.62	14.30	0.0	15.5	15.28	15.35	15.64	15.32	0.0	16.5
			1	25	14.39	14.35	14.61	14.37	0.0	15.5	15.36	15.40	15.57	15.39	0.0	16.5
			1	49	14.30	14.58	14.56	14.38	0.0	15.5	15.33	15.54	15.60	15.37	0.0	16.5
			25	0	14.37	14.46	14.61	14.33	0.0	15.5	15.34	15.47	15.59	15.36	0.0	16.5
			25	13	14.38	14.55	14.58	14.49	0.0	15.5	15.37	15.57	15.60	15.48	0.0	16.5
			25	26	14.38	14.72	14.62	14.36	0.0	15.5	15.39	15.72	15.67	15.39	0.0	16.5
			50	0	14.40	14.52	14.47	14.44	0.0	15.5	15.38	15.55	15.50	15.43	0.0	16.5
		QPSK	1	1	14.48	14.64	14.65	14.40	0.0	15.5	15.47	15.64	15.62	15.43	0.0	16.5
			1	25	14.45	14.59	14.55	14.52	0.0	15.5	15.44	15.62	15.57	15.48	0.0	16.5
			1	49	14.51	14.75	14.49	14.46	0.0	15.5	15.46	15.77	15.54	15.46	0.0	16.5
			25	0	14.36	14.51	14.49	14.37	0.0	15.5	15.40	15.50	15.52	15.42	0.0	16.5
			25	13	14.33	14.51	14.62	14.44	0.0	15.5	15.37	15.50	15.59	15.39	0.0	16.5
			25	26	14.42	14.56	14.66	14.35	0.0	15.5	15.44	15.53	15.61	15.38	0.0	16.5
			50	0	14.39	14.56	14.47	14.42	0.0	15.5	15.38	15.52	15.52	15.41	0.0	16.5
		16QAM	1	1	14.62	14.26	14.74	14.69	0.0	15.5	15.60	15.22	15.74	15.74	0.0	16.5
			1	25	14.68	14.14	14.57	14.72	0.0	15.5	15.65	15.18	15.57	15.76	0.0	16.5
			1	49	14.57	14.40	14.77	14.79	0.0	15.5	15.60	15.43	15.81	15.79	0.0	16.5
		64QAM	1	1	14.50	14.66	15.00	14.37	0.0	15.5	15.52	15.67	15.95	15.38	0.0	16.5
		256QAM	1	1	14.37	14.42	14.66	14.50	0.0	15.5	15.33	15.46	15.70	15.54	0.0	16.5
	CP-OFDM	QPSK	1	1	14.30	14.54	14.72	14.58	0.0	15.5	15.31	15.55	15.70	15.53	0.0	16.5

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)				MPR	Tune-up Limit	Measured Pwr (dBm)				MPR	Tune-up Limit
					637168	640168	643166	646166			637168	640168	643166	646166		
					3557.52 MHz	3602.52 MHz	3647.49 MHz	3692.49 MHz			3557.52 MHz	3602.52 MHz	3647.49 MHz	3692.49 MHz		
15 MHz	DFT-s-OFDM	π/2 BPSK	1	1	14.24	14.32	14.65	14.33	0.0	15.5	15.26	15.36	15.64	15.32	0.0	16.5
			1	18	14.32	14.46	14.48	14.40	0.0	15.5	15.33	15.42	15.52	15.38	0.0	16.5
			1	36	14.29	14.56	14.54	14.32	0.0	15.5	15.34	15.60	15.58	15.32	0.0	16.5
			18	0	14.32	14.52	14.56	14.35	0.0	15.5	15.28	15.48	15.56	15.32	0.0	16.5
			18	10	14.37	14.49	14.57	14.38	0.0	15.5	15.32	15.49	15.56	15.33	0.0	16.5
			18	20	14.40	14.63	14.55	14.41	0.0	15.5	15.41	15.63	15.57	15.43	0.0	16.5
			36	0	14.41	14.60	14.58	14.49	0.0	15.5	15.45	15.59	15.55	15.45	0.0	16.5
		QPSK	1	1	14.42	14.66	14.62	14.30	0.0	15.5	15.46	15.66	15.58	15.27	0.0	16.5
			1	18	14.31	14.63	14.47	14.36	0.0	15.5	15.35	15.58	15.51	15.35	0.0	16.5
			1	36	14.42	14.69	14.60	14.33	0.0	15.5	15.46	15.71	15.61	15.36	0.0	16.5
			18	0	14.45	14.64	14.48	14.50	0.0	15.5	15.41	15.62	15.53	15.47	0.0	16.5
			18	10	14.31	14.46	14.47	14.38	0.0	15.5	15.32	15.47	15.51	15.35	0.0	16.5
			18	20	14.38	14.53	14.58	14.43	0.0	15.5	15.42	15.57	15.59	15.40	0.0	16.5
			36	0	14.32	14.61	14.60	14.51	0.0	15.5	15.32	15.59	15.61	15.49	0.0	16.5
		16QAM	1	1	14.66	14.29	14.65	14.65	0.0	15.5	15.65	15.27	15.69	15.69	0.0	16.5
			1	18	14.69	14.23	14.63	14.70	0.0	15.5	15.68	15.18	15.63	15.72	0.0	16.5
			1	36	14.52	14.38	14.70	14.82	0.0	15.5	15.54	15.39	15.66	15.77	0.0	16.5
		64QAM	1	1	14.52	14.67	14.94	14.40	0.0	15.5	15.54	15.72	15.96	15.42	0.0	16.5
		256QAM	1	1	14.29	14.46	14.65	14.57	0.0	15.5	15.33	15.46	15.69	15.54	0.0	16.5
	CP-OFDM	QPSK	1	1	14.33	14.46	14.64	14.64	0.0	15.5	15.37	15.43	15.62	15.63	0.0	16.5

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)				MPR	Tune-up Limit	Measured Pwr (dBm)				MPR	Tune-up Limit
					637000	640110	643222	646332			637000	640110	643222	646332		
					3555.00 MHz	3601.65 MHz	3648.33 MHz	3694.98 MHz			3555.00 MHz	3601.65 MHz	3648.33 MHz	3694.98 MHz		
10 MHz	DFT-s-OFDM	π/2 BPSK	1	1	14.34	14.38	14.54	14.36	0.0	15.5	15.34	15.39	15.58	15.36	0.0	16.5
			1	12	14.43	14.47	14.63	14.38	0.0	15.5	15.40	15.48	15.58	15.39	0.0	16.5
			1	22	14.40	14.59	14.52	14.38	0.0	15.5	15.35	15.62	15.50	15.39	0.0	16.5
			12	0	14.31	14.47	14.56	14.33	0.0	15.5	15.29	15.43	15.54	15.36	0.0	16.5
			12	6	14.28	14.57	14.59	14.37	0.0	15.5	15.33	15.53	15.54	15.39	0.0	16.5
			12	12	14.31	14.74	14.64	14.37	0.0	15.5	15.34	15.71	15.59	15.41	0.0	16.5
			24	0	14.40	14.61	14.54	14.38	0.0	15.5	15.41	15.61	15.58	15.41	0.0	16.5
		QPSK	1	1	14.40	14.65	14.62	14.30	0.0	15.5	15.40	15.65	15.67	15.34	0.0	16.5
			1	12	14.41	14.63	14.44	14.34	0.0	15.5	15.43	15.66	15.48	15.36	0.0	16.5
			1	22	14.42	14.74	14.48	14.41	0.0	15.5	15.44	15.79	15.52	15.41	0.0	16.5
			12	0	14.37	14.58	14.55	14.36	0.0	15.5	15.39	15.60	15.58	15.35	0.0	16.5
			12	6	14.37	14.59	14.58	14.40	0.0	15.5	15.37	15.55	15.55	15.41	0.0	16.5
			12	12	14.44	14.64	14.54	14.42	0.0	15.5	15.41	15.63	15.59	15.40	0.0	16.5
			24	0	14.40	14.63	14.57	14.38	0.0	15.5	15.35	15.58	15.55	15.38	0.0	16.5
		16QAM	1	1	14.67	14.22	14.77	14.73	0.0	15.5	15.65	15.19	15.73	15.75	0.0	16.5
			1	12	14.60	14.17	14.64	14.76	0.0	15.5	15.61	15.19	15.65	15.73	0.0	16.5
			1	22	14.57	14.42	14.69	14.79	0.0	15.5	15.61	15.45	15.74	15.84	0.0	16.5
		64QAM	1	1	14.61	14.61	15.02	14.37	0.0	15.5	15.56	15.63	15.97	15.41	0.0	16.5
		256QAM	1	1	14.32	14.38	14.72	14.45	0.0	15.5	15.27	15.42	15.75	15.49	0.0	16.5
	CP-OFDM	QPSK	1	1	14.31	14.52	14.72	14.61	0.0	15.5	15.34	15.47	15.68	15.58	0.0	16.5

Notes:

NR TDD mode were measured output power through test mode software provided by manufacturer.

NR Band n48 (Main2) (SRS2) Measured Results

BW (MHz)	Mode	Maximum Allowed Average Power (dBm)				
		DSI = 0, 3, 4, 5				
		Measured Pwr (dBm)				Tune-up Limit
		638000		641666	645332	
		3570.00 MHz		3624.99 MHz	3679.98 MHz	
40 MHz	SRS CW	18.65		19.07	18.54	19.5
BW (MHz)	Mode	Measured Pwr (dBm)				Tune-up Limit
		637668	640334	643000	645666	
		3565.02 MHz	3605.01 MHz	3645.00 MHz	3684.99 MHz	
30 MHz	SRS CW	18.40	18.67	18.65	18.53	19.5
BW (MHz)	Mode	Measured Pwr (dBm)				Tune-up Limit
		637334	640222	643112	646000	
		3560.01 MHz	3603.33 MHz	3646.68 MHz	3690.00 MHz	
20 MHz	SRS CW	18.35	18.63	18.66	18.47	19.5
BW (MHz)	Mode	Measured Pwr (dBm)				Tune-up Limit
		637168	640168	643166	646166	
		3557.52 MHz	3602.52 MHz	3647.49 MHz	3692.49 MHz	
15 MHz	SRS CW	18.40	18.66	18.63	18.48	19.5
BW (MHz)	Mode	Measured Pwr (dBm)				Tune-up Limit
		637000	640110	643222	646332	
		3555.00 MHz	3601.65 MHz	3648.33 MHz	3694.98 MHz	
10 MHz	SRS CW	18.38	18.62	18.67	18.51	19.5

NR Band n48 (Sub.7) (SRS3) Measured Results

BW (MHz)	Mode	Maximum Average Power (dBm)					Maximum Average Power (dBm)				
		DSI = 0, 4, 5					DSI = 3				
		Measured Pwr (dBm)				Tune-up Limit	Measured Pwr (dBm)				Tune-up Limit
		638000		641666	645332		638000		641666	645332	
		3570.00 MHz		3624.99 MHz	3679.98 MHz		3570.00 MHz		3624.99 MHz	3679.98 MHz	
40 MHz	SRS CW	13.13		13.53	13.08	14.5	15.15		15.75	15.12	16.5
BW (MHz)	Mode	Measured Pwr (dBm)				Tune-up Limit	Measured Pwr (dBm)				Tune-up Limit
		637668	640334	643000	645666		637668	640334	643000	645666	
		3565.02 MHz	3605.01 MHz	3645.00 MHz	3684.99 MHz		3565.02 MHz	3605.01 MHz	3645.00 MHz	3684.99 MHz	
30 MHz	SRS CW	13.17	13.31	13.33	12.91	14.5	15.17	15.47	15.75	15.18	16.5
BW (MHz)	Mode	Measured Pwr (dBm)				Tune-up Limit	Measured Pwr (dBm)				Tune-up Limit
		637334	640222	643112	646000		637334	640222	643112	646000	
		3560.01 MHz	3603.33 MHz	3646.68 MHz	3690.00 MHz		3560.01 MHz	3603.33 MHz	3646.68 MHz	3690.00 MHz	
20 MHz	SRS CW	13.13	13.24	13.22	12.98	14.5	15.15	15.47	15.74	15.15	16.5
BW (MHz)	Mode	Measured Pwr (dBm)				Tune-up Limit	Measured Pwr (dBm)				Tune-up Limit
		637168	640168	643166	646166		637168	640168	643166	646166	
		3557.52 MHz	3602.52 MHz	3647.49 MHz	3692.49 MHz		3557.52 MHz	3602.52 MHz	3647.49 MHz	3692.49 MHz	
15 MHz	SRS CW	13.09	13.27	13.17	12.94	14.5	15.23	15.44	15.70	15.14	16.5
BW (MHz)	Mode	Measured Pwr (dBm)				Tune-up Limit	Measured Pwr (dBm)				Tune-up Limit
		637000	640110	643222	646332		637000	640110	643222	646332	
		3555.00 MHz	3601.65 MHz	3648.33 MHz	3694.98 MHz		3555.00 MHz	3601.65 MHz	3648.33 MHz	3694.98 MHz	
10 MHz	SRS CW	13.11	13.26	13.16	12.91	14.5	15.17	15.58	15.69	15.11	16.5

Notes:

NR TDD mode were measured output power through test mode software provided by manufacturer.

NR Band n48 (Sub.8) (SRS4) Measured Results

BW (MHz)	Mode	Maximum Average Power (dBm)				
		DSI = 0, 3, 4, 5				
		Measured Pwr (dBm)				Tune-up Limit
		638000		641666	645332	
		3570.00 MHz		3624.99 MHz	3679.98 MHz	
40 MHz	SRS CW	18.64		18.97	18.84	19.0
BW (MHz)	Mode	Measured Pwr (dBm)				Tune-up Limit
		637668	640334	643000	645666	
		3565.02 MHz	3605.01 MHz	3645.00 MHz	3684.99 MHz	
30 MHz	SRS CW	17.43	17.69	17.74	17.64	19.0
BW (MHz)	Mode	Measured Pwr (dBm)				Tune-up Limit
		637334	640222	643112	646000	
		3560.01 MHz	3603.33 MHz	3646.68 MHz	3690.00 MHz	
20 MHz	SRS CW	17.45	17.69	17.74	17.70	19.0
BW (MHz)	Mode	Measured Pwr (dBm)				Tune-up Limit
		637168	640168	643166	646166	
		3557.52 MHz	3602.52 MHz	3647.49 MHz	3692.49 MHz	
15 MHz	SRS CW	17.47	17.70	17.73	17.65	19.0
BW (MHz)	Mode	Measured Pwr (dBm)				Tune-up Limit
		637000	640110	643222	646332	
		3555.00 MHz	3601.65 MHz	3648.33 MHz	3694.98 MHz	
10 MHz	SRS CW	17.43	17.69	17.77	17.69	19.0

Notes:

NR TDD mode were measured output power through test mode software provided by manufacturer.

NR Band n77 (Sub.3) (Voice/data/SRS1) DSI=0, 4, 5 Measured Results

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Maximum Allowed Average Power (dBm)									MPR	Tune-up Limit
					DSI = 0, 4, 5										
					Measured Pwr (dBm)			Measured Pwr (dBm)							
						633334			650000				662000		
						3500.01 MHz			3750.00 MHz				3930.00 MHz		
100 MHz	DFT-s-OFDM	π/2 BPSK	1	1		13.17			13.34				13.29	0.0	14.5
			1	136		13.24			13.37				13.48	0.0	14.5
			1	271		13.27			13.46				13.39	0.0	14.5
			135	0		13.37			13.43				13.44	0.0	14.5
			135	69		13.47			13.46				13.42	0.0	14.5
			135	138		13.35			13.42				13.49	0.0	14.5
			270	0		13.46			13.44				13.45	0.0	14.5
		QPSK	1	1		13.56			13.37				13.32	0.0	14.5
			1	136		13.57			13.47				13.49	0.0	14.5
			1	271		13.56			13.41				13.37	0.0	14.5
			135	0		13.60			13.49				13.44	0.0	14.5
			135	69		13.62			13.56				13.58	0.0	14.5
			135	138		13.52			13.50				13.37	0.0	14.5
			270	0		13.62			13.53				13.42	0.0	14.5
		16QAM	1	1		13.44			13.25				13.24	0.0	14.5
			1	136		13.42			13.33				13.32	0.0	14.5
			1	271		13.44			13.47				13.32	0.0	14.5
		64QAM	1	1		13.31			13.41				13.49	0.0	14.5
		256QAM	1	1		13.16			13.32				13.41	0.0	14.5
	CP-OFDM	QPSK	1	1		14.01			13.14				13.36	0.0	14.5

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			Measured Pwr (dBm)						MPR	Tune-up Limit
						633334			649668				656000		662332			
						3500.01 MHz			3745.02 MHz				3840.00 MHz		3934.98 MHz			
90 MHz	DFT-s-OFDM	π/2 BPSK	1	1		13.46			13.51				13.51		13.68	0.0	14.5
			1	122		13.35			13.69				13.50		13.57	0.0	14.5
			1	243		13.57			13.64				13.51		13.65	0.0	14.5
			120	0		13.54			13.47				13.58		13.54	0.0	14.5
			120	62		13.62			13.61				13.60		13.60	0.0	14.5
			120	125		13.50			13.64				13.56		13.54	0.0	14.5
			243	0		13.57			13.55				13.59		13.61	0.0	14.5
		QPSK	1	1		13.55			13.73				13.59		13.62	0.0	14.5
			1	122		13.47			13.73				13.57		13.62	0.0	14.5
			1	243		13.48			13.68				13.58		13.52	0.0	14.5
			120	0		13.61			13.61				13.54		13.68	0.0	14.5
			120	62		13.64			13.65				13.73		13.52	0.0	14.5
			120	125		13.57			13.50				13.61		13.62	0.0	14.5
			243	0		13.60			13.56				13.58		13.87	0.0	14.5
		16QAM	1	1		13.38			13.48				13.38		13.21	0.0	14.5
			1	122		13.31			13.50				13.38		13.21	0.0	14.5
			1	243		13.49			13.50				13.42		13.25	0.0	14.5
		64QAM	1	1		13.74			13.86				14.06		13.71	0.0	14.5
		256QAM	1	1		13.68			13.67				13.54		13.56	0.0	14.5
	CP-OFDM	QPSK	1	1		13.88			13.78				13.58		13.49	0.0	14.5

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			Measured Pwr (dBm)						MPR	Tune-up Limit
						633334			649334				656000		662666			
						3500.01 MHz			3740.01 MHz				3840.00 MHz		3939.99 MHz			
80 MHz	DFT-s-OFDM	π/2 BPSK	1	1		13.46			13.55				13.47		13.71	0.0	14.5
			1	108		13.33			13.66				13.47		13.53	0.0	14.5
			1	215		13.59			13.69				13.49		13.62	0.0	14.5
			108	0		13.55			13.45				13.51		13.57	0.0	14.5
			108	54		13.53			13.68				13.55		13.51	0.0	14.5
			108	109		13.45			13.61				13.66		13.61	0.0	14.5
			216	0		13.60			13.71				13.51		13.64	0.0	14.5
		QPSK	1	1		13.55			13.61				13.60		13.66	0.0	14.5
			1	108		13.48			13.70				13.53		13.69	0.0	14.5
			1	215		13.50			13.69				13.60		13.58	0.0	14.5
			108	0		13.56			13.61				13.67		13.68	0.0	14.5
			108	54		13.58			13.63				13.64		13.61	0.0	14.5
			108	109		13.53			13.59				13.63		13.53	0.0	14.5
			216	0		13.70			13.56				13.53		13.88	0.0	14.5
		16QAM	1	1		13.42			13.48				13.36		13.11	0.0	14.5
			1	108		13.35			13.55				13.26		13.21	0.0	14.5
			1	215		13.38			13.56				13.49		13.23	0.0	14.5
		64QAM	1	1		13.72			13.82				13.98		13.71	0.0	14.5
		256QAM	1	1		13.72			13.59				13.55		13.57	0.0	14.5
	CP-OFDM	QPSK	1	1		13.93			13.71				13.53		13.50	0.0	14.5

Notes:

NR TDD mode were measured output power through test mode software provided by manufacturer.

NR Band n77 (Sub.3) (Voice/data/SRS1) DSI=0, 4, 5 Measured Results (Continued)

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			Measured Pwr (dBm)					MPR	Tune-up Limit
						633334		649000	653666			658334	663000		
						3500.01 MHz		3735.00 MHz	3804.99 MHz			3875.01 MHz	3945.00 MHz		
70 MHz	DFT-s-OFDM	π/2 BPSK	1	1		13.47		13.54	13.32			13.32	13.69	0.0	14.5
			1	94		13.32		13.73	13.31			13.52	13.53	0.0	14.5
			1	187		13.59		13.62	13.27			13.38	13.58	0.0	14.5
			90	0		13.59		13.42	13.34			13.46	13.56	0.0	14.5
			90	49		13.52		13.67	13.29			13.46	13.55	0.0	14.5
			90	99		13.47		13.65	13.29			13.54	13.63	0.0	14.5
			180	0		13.53		13.63	13.35			13.61	13.61	0.0	14.5
		QPSK	1	1		13.55		13.65	13.38			13.55	13.62	0.0	14.5
			1	94		13.40		13.63	13.38			13.61	13.55	0.0	14.5
			1	187		13.48		13.76	13.40			13.56	13.62	0.0	14.5
			90	0		13.55		13.65	13.22			13.45	13.67	0.0	14.5
			90	49		13.62		13.64	13.39			13.50	13.51	0.0	14.5
			90	99		13.59		13.59	13.20			13.55	13.66	0.0	14.5
			180	0		13.57		13.56	13.22			13.49	13.79	0.0	14.5
		16QAM	1	1		13.35		13.39	13.10			13.29	13.19	0.0	14.5
			1	94		13.27		13.51	13.08			13.22	13.23	0.0	14.5
			1	187		13.47		13.46	13.14			13.15	13.31	0.0	14.5
		64QAM	1	1		13.64		13.85	13.41			13.43	13.72	0.0	14.5
		256QAM	1	1		13.60		13.61	13.28			13.52	13.55	0.0	14.5
	CP-OFDM	QPSK	1	1		13.88		13.65	13.28			13.81	13.56	0.0	14.5

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			Measured Pwr (dBm)					MPR	Tune-up Limit
						633334		648668	653556			658444	663332		
						3500.01 MHz		3730.02 MHz	3803.34 MHz			3876.66 MHz	3949.98 MHz		
60 MHz	DFT-s-OFDM	π/2 BPSK	1	1		13.42		13.61	13.31			13.45	13.72	0.0	14.5
			1	80		13.31		13.59	13.36			13.45	13.50	0.0	14.5
			1	160		13.61		13.55	13.24			13.39	13.66	0.0	14.5
			81	0		13.60		13.41	13.27			13.51	13.59	0.0	14.5
			81	40		13.51		13.62	13.36			13.52	13.62	0.0	14.5
			81	81		13.50		13.61	13.30			13.54	13.59	0.0	14.5
			162	0		13.61		13.64	13.34			13.59	13.57	0.0	14.5
		QPSK	1	1		13.47		13.70	13.41			13.53	13.63	0.0	14.5
			1	80		13.39		13.70	13.48			13.64	13.55	0.0	14.5
			1	160		13.57		13.70	13.37			13.50	13.58	0.0	14.5
			81	0		13.54		13.67	13.18			13.53	13.65	0.0	14.5
			81	40		13.55		13.68	13.22			13.57	13.58	0.0	14.5
			81	81		13.62		13.63	13.19			13.53	13.66	0.0	14.5
			162	0		13.64		13.58	13.22			13.50	13.74	0.0	14.5
		16QAM	1	1		13.40		13.48	13.06			13.37	13.12	0.0	14.5
			1	80		13.30		13.55	13.18			13.21	13.24	0.0	14.5
			1	160		13.44		13.48	13.09			13.21	13.23	0.0	14.5
		64QAM	1	1		13.73		13.83	13.39			13.31	13.63	0.0	14.5
		256QAM	1	1		13.69		13.54	13.30			13.55	13.51	0.0	14.5
	CP-OFDM	QPSK	1	1		13.87		13.74	13.35			13.85	13.51	0.0	14.5

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			Measured Pwr (dBm)					MPR	Tune-up Limit
					631668		635000	648334	652168		656000	659834	663666		
					3475.02 MHz		3525.00 MHz	3725.01 MHz	3782.52 MHz		3840.00 MHz	3897.51 MHz	3954.99 MHz		
50 MHz	DFT-s-OFDM	π/2 BPSK	1	1	13.79		13.70	13.54	13.26		13.45	13.47	13.70	0.0	14.5
			1	66	13.72		13.66	13.68	13.28		13.55	13.46	13.58	0.0	14.5
			1	131	13.61		13.68	13.63	13.27		13.60	13.38	13.53	0.0	14.5
			64	0	13.78		13.78	13.38	13.23		13.67	13.42	13.60	0.0	14.5
			64	34	13.78		13.70	13.71	13.36		13.58	13.60	13.54	0.0	14.5
			64	69	13.82		13.74	13.56	13.26		13.55	13.61	13.57	0.0	14.5
			128	0	13.76		13.77	13.63	13.36		13.59	13.55	13.60	0.0	14.5
		QPSK	1	1	13.83		13.81	13.72	13.34		13.62	13.56	13.71	0.0	14.5
			1	66	13.77		13.65	13.73	13.50		13.65	13.57	13.58	0.0	14.5
			1	131	13.63		13.70	13.66	13.35		13.54	13.53	13.52	0.0	14.5
			64	0	13.78		13.69	13.58	13.27		13.68	13.47	13.60	0.0	14.5
			64	34	13.79		13.71	13.63	13.34		13.74	13.43	13.52	0.0	14.5
			64	69	13.75		13.67	13.61	13.24		13.59	13.54	13.55	0.0	14.5
			128	0	13.79		13.71	13.54	13.25		13.56	13.56	13.76	0.0	14.5
		16QAM	1	1	13.62		13.41	13.51	13.15		13.33	13.29	13.23	0.0	14.5
			1	66	13.61		13.32	13.46	13.17		13.31	13.31	13.26	0.0	14.5
			1	131	13.48		13.22	13.55	13.09		13.44	13.23	13.36	0.0	14.5
		64QAM	1	1	13.85		13.98	13.82	13.31		13.96	13.41	13.72	0.0	14.5
		256QAM	1	1	13.76		13.68	13.66	13.40		13.51	13.48	13.51	0.0	14.5
	CP-OFDM	QPSK	1	1	13.75		13.73	13.77	13.41		13.54	13.78	13.54	0.0	14.5

Notes:

NR TDD mode were measured output power through test mode software provided by manufacturer.

NR Band n77 (Sub.3) (Voice/data/SRS1) DSI=0, 4, 5 Measured Results (Continued)

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			Measured Pwr (dBm)						MPR	Tune-up Limit
					631334		635332	648000	651200	654400	657600	660800	664000		
					3470.01 MHz		3529.98 MHz	3720.00 MHz	3768.00 MHz	3816.00 MHz	3864.00 MHz	3912.00 MHz	3960.00 MHz		
40 MHz	DFT-s-OFDM	π/2 BPSK	1	1	13.67		13.62	13.51	13.29	13.46	13.40	13.38	13.75	0.0	14.5
			1	52	13.65		13.52	13.69	13.31	13.51	13.54	13.52	13.61	0.0	14.5
			1	104	13.68		13.51	13.63	13.32	13.47	13.56	13.47	13.62	0.0	14.5
			50	0	13.63		13.63	13.41	13.26	13.47	13.66	13.49	13.58	0.0	14.5
			50	28	13.71		13.55	13.56	13.36	13.44	13.60	13.51	13.54	0.0	14.5
			50	56	13.73		13.48	13.64	13.26	13.39	13.51	13.52	13.54	0.0	14.5
			100	0	13.66		13.56	13.66	13.30	13.43	13.54	13.54	13.66	0.0	14.5
		QPSK	1	1	13.53		13.54	13.71	13.37	13.39	13.58	13.48	13.65	0.0	14.5
			1	52	13.58		13.43	13.70	13.36	13.43	13.64	13.59	13.71	0.0	14.5
			1	104	13.68		13.43	13.67	13.33	13.45	13.55	13.62	13.60	0.0	14.5
			50	0	13.51		13.57	13.66	13.19	13.37	13.62	13.41	13.66	0.0	14.5
			50	28	13.48		13.56	13.62	13.35	13.39	13.56	13.58	13.54	0.0	14.5
			50	56	13.54		13.56	13.66	13.30	13.53	13.60	13.52	13.55	0.0	14.5
			100	0	13.59		13.50	13.60	13.20	13.32	13.55	13.51	13.85	0.0	14.5
		16QAM	1	1	13.47		13.79	13.43	13.16	13.47	13.34	13.42	13.17	0.0	14.5
			1	52	13.46		13.80	13.53	13.13	13.56	13.40	13.35	13.20	0.0	14.5
			1	104	13.52		13.80	13.49	13.07	13.56	13.40	13.17	13.30	0.0	14.5
		64QAM	1	1	13.86		13.60	13.88	13.41	13.63	14.00	13.40	13.68	0.0	14.5
		256QAM	1	1	13.81		13.41	13.54	13.29	13.27	13.47	13.51	13.45	0.0	14.5
	CP-OFDM	QPSK	1	1	13.55		13.44	13.74	13.31	13.38	13.61	13.88	13.46	0.0	14.5

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			Measured Pwr (dBm)						MPR	Tune-up Limit
					631000	633334	635666	647668	651000	654334	657666	661000	664332		
					3465.00 MHz	3500.01 MHz	3534.99 MHz	3715.02 MHz	3765.00 MHz	3815.01 MHz	3864.99 MHz	3915.00 MHz	3964.98 MHz		
30 MHz	DFT-s-OFDM	π/2 BPSK	1	1	13.57	13.56	13.49	13.47	13.16	13.50	13.42	13.37	13.68	0.0	14.5
			1	39	13.63	13.55	13.44	13.72	13.30	13.41	13.58	13.57	13.57	0.0	14.5
			1	76	13.71	13.56	13.56	13.61	13.24	13.62	13.59	13.39	13.60	0.0	14.5
			36	0	13.71	13.56	13.66	13.39	13.31	13.39	13.59	13.53	13.53	0.0	14.5
			36	21	13.67	13.58	13.55	13.66	13.38	13.42	13.70	13.47	13.53	0.0	14.5
			36	42	13.69	13.63	13.57	13.56	13.32	13.41	13.55	13.49	13.49	0.0	14.5
			75	0	13.63	13.72	13.50	13.61	13.23	13.43	13.59	13.56	13.56	0.0	14.5
		QPSK	1	1	13.44	13.45	13.55	13.68	13.35	13.43	13.55	13.46	13.65	0.0	14.5
			1	39	13.58	13.59	13.46	13.65	13.36	13.51	13.61	13.54	13.65	0.0	14.5
			1	76	13.59	13.61	13.52	13.73	13.40	13.42	13.61	13.51	13.48	0.0	14.5
			36	0	13.47	13.60	13.49	13.71	13.17	13.38	13.63	13.36	13.65	0.0	14.5
			36	21	13.59	13.59	13.57	13.60	13.29	13.43	13.67	13.51	13.49	0.0	14.5
			36	42	13.56	13.53	13.61	13.50	13.30	13.55	13.61	13.57	13.57	0.0	14.5
			75	0	13.51	13.50	13.44	13.60	13.25	13.30	13.61	13.60	13.80	0.0	14.5
		16QAM	1	1	13.50	13.73	13.85	13.44	13.15	13.44	13.40	13.29	13.16	0.0	14.5
			1	39	13.48	13.86	13.79	13.55	13.20	13.42	13.33	13.36	13.22	0.0	14.5
			1	76	13.48	13.80	13.76	13.59	13.05	13.50	13.47	13.22	13.25	0.0	14.5
		64QAM	1	1	13.95	13.77	13.68	13.78	13.31	13.69	14.02	13.37	13.74	0.0	14.5
		256QAM	1	1	13.76	13.54	13.49	13.67	13.34	13.38	13.53	13.55	13.44	0.0	14.5
	CP-OFDM	QPSK	1	1	13.65	13.48	13.46	13.69	13.35	13.48	13.52	13.75	13.54	0.0	14.5

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			Measured Pwr (dBm)						MPR	Tune-up Limit
					630834	633334	635832	647500	650900	654300	657700	661100	664500		
					3462.51 MHz	3500.01 MHz	3537.48 MHz	3712.50 MHz	3763.50 MHz	3814.50 MHz	3865.50 MHz	3916.50 MHz	3967.50 MHz		
25 MHz	DFT-s-OFDM	π/2 BPSK	1	1	13.54	13.47	13.53	13.52	13.30	13.44	13.42	13.40	13.72	0.0	14.5
			1	32	13.59	13.47	13.47	13.70	13.38	13.51	13.55	13.46	13.61	0.0	14.5
			1	63	13.61	13.48	13.47	13.63	13.25	13.58	13.45	13.48	13.54	0.0	14.5
			32	0	13.60	13.56	13.65	13.50	13.26	13.45	13.64	13.49	13.66	0.0	14.5
			32	16	13.54	13.70	13.54	13.74	13.27	13.49	13.60	13.47	13.46	0.0	14.5
			32	33	13.60	13.57	13.51	13.62	13.24	13.38	13.55	13.56	13.57	0.0	14.5
			64	0	13.66	13.67	13.44	13.64	13.29	13.48	13.58	13.46	13.62	0.0	14.5
		QPSK	1	1	13.44	13.51	13.53	13.73	13.40	13.50	13.57	13.47	13.69	0.0	14.5
			1	32	13.67	13.64	13.49	13.62	13.37	13.44	13.58	13.59	13.64	0.0	14.5
			1	63	13.63	13.58	13.48	13.75	13.46	13.36	13.52	13.46	13.58	0.0	14.5
			32	0	13.47	13.56	13.56	13.61	13.30	13.44	13.66	13.45	13.60	0.0	14.5
			32	16	13.57	13.60	13.52	13.54	13.30	13.52	13.69	13.48	13.55	0.0	14.5
			32	33	13.58	13.49	13.49	13.64	13.33	13.42	13.57	13.58	13.61	0.0	14.5
			64	0	13.60	13.54	13.55	13.55	13.25	13.35	13.58	13.55	13.80	0.0	14.5
		16QAM	1	1	13.44	13.67	13.84	13.40	13.11	13.39	13.44	13.26	13.13	0.0	14.5
			1	32	13.46	13.87	13.79	13.55	13.08	13.45	13.37	13.34	13.21	0.0	14.5
			1	63	13.49	13.76	13.78	13.42	13.08	13.47	13.43	13.18	13.31	0.0	14.5
		64QAM	1	1	13.90	13.68	13.65	13.77	13.32	13.60	13.90	13.44	13.73	0.0	14.5
		256QAM	1	1	13.76	13.61	13.45	13.60	13.28	13.40	13.56	13.53	13.57	0.0	14.5
	CP-OFDM	QPSK	1	1	13.54	13.55	13.46	13.69	13.31	13.42	13.58	13.79	13.57	0.0	14.5

Notes:

NR TDD mode were measured output power through test mode software provided by manufacturer.

NR Band n77 (Sub.3) (Voice/data/SRS1) DSI=0, 4, 5 Measured Results (Continued)

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			Measured Pwr (dBm)						MPR	Tune-up Limit
					630668	633334	636000	647334	650800	654266	657734	661200	664666		
					3460.02 MHz	3500.01 MHz	3540.00 MHz	3710.01 MHz	3762.00 MHz	3813.99 MHz	3866.01 MHz	3918.00 MHz	3969.99 MHz		
20 MHz	DFT-s-OFDM	π/2 BPSK	1	1	13.55	13.51	13.56	13.61	13.22	13.44	13.48	13.39	13.64	0.0	14.5
			1	25	13.65	13.54	13.44	13.69	13.33	13.43	13.60	13.50	13.53	0.0	14.5
			1	49	13.67	13.51	13.45	13.61	13.26	13.46	13.51	13.42	13.50	0.0	14.5
			25	0	13.65	13.61	13.65	13.43	13.24	13.46	13.62	13.44	13.62	0.0	14.5
			25	13	13.56	13.66	13.52	13.66	13.33	13.52	13.65	13.53	13.57	0.0	14.5
			25	26	13.68	13.55	13.52	13.64	13.21	13.41	13.61	13.49	13.60	0.0	14.5
			50	0	13.66	13.65	13.51	13.60	13.35	13.40	13.61	13.58	13.61	0.0	14.5
		QPSK	1	1	13.49	13.49	13.56	13.63	13.30	13.42	13.60	13.48	13.64	0.0	14.5
			1	25	13.57	13.55	13.46	13.65	13.42	13.45	13.52	13.57	13.71	0.0	14.5
			1	49	13.60	13.56	13.53	13.71	13.36	13.30	13.61	13.56	13.61	0.0	14.5
			25	0	13.52	13.55	13.50	13.68	13.26	13.43	13.69	13.35	13.65	0.0	14.5
			25	13	13.50	13.66	13.48	13.61	13.26	13.39	13.70	13.55	13.51	0.0	14.5
			25	26	13.51	13.54	13.62	13.54	13.30	13.51	13.60	13.53	13.56	0.0	14.5
			50	0	13.60	13.51	13.44	13.51	13.31	13.32	13.58	13.48	13.76	0.0	14.5
		16QAM	1	1	13.50	13.68	13.83	13.49	13.14	13.42	13.46	13.31	13.12	0.0	14.5
			1	25	13.53	13.81	13.70	13.52	13.12	13.53	13.34	13.28	13.27	0.0	14.5
			1	49	13.48	13.78	13.72	13.59	13.14	13.54	13.46	13.20	13.33	0.0	14.5
		64QAM	1	1	13.88	13.69	13.64	13.85	13.45	13.56	13.98	13.42	13.76	0.0	14.5
		256QAM	1	1	13.88	13.68	13.44	13.57	13.25	13.41	13.59	13.55	13.58	0.0	14.5
	CP-OFDM	QPSK	1	1	13.54	13.48	13.34	13.74	13.36	13.39	13.65	13.80	13.52	0.0	14.5

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			Measured Pwr (dBm)						MPR	Tune-up Limit
					630500	633334	636166	647168	650700	654234	657766	661300	664832		
					3457.50 MHz	3500.01 MHz	3542.49 MHz	3707.52 MHz	3760.50 MHz	3813.51 MHz	3866.49 MHz	3919.50 MHz	3972.48 MHz		
15 MHz	DFT-s-OFDM	π/2 BPSK	1	1	13.63	13.46	13.51	13.58	13.24	13.41	13.53	13.31	13.66	0.0	14.5
			1	18	13.53	13.52	13.41	13.61	13.37	13.49	13.54	13.41	13.49	0.0	14.5
			1	36	13.63	13.56	13.41	13.65	13.29	13.57	13.49	13.48	13.60	0.0	14.5
			18	0	13.67	13.53	13.64	13.47	13.29	13.45	13.57	13.42	13.54	0.0	14.5
			18	10	13.67	13.68	13.49	13.61	13.37	13.45	13.64	13.53	13.46	0.0	14.5
			18	20	13.67	13.57	13.55	13.53	13.28	13.42	13.50	13.53	13.51	0.0	14.5
			36	0	13.55	13.59	13.45	13.56	13.23	13.38	13.60	13.54	13.61	0.0	14.5
		QPSK	1	1	13.58	13.47	13.62	13.59	13.43	13.39	13.61	13.56	13.66	0.0	14.5
			1	18	13.61	13.53	13.51	13.72	13.44	13.54	13.60	13.63	13.68	0.0	14.5
			1	36	13.64	13.64	13.47	13.66	13.38	13.38	13.57	13.51	13.58	0.0	14.5
			18	0	13.48	13.61	13.56	13.68	13.31	13.40	13.56	13.45	13.63	0.0	14.5
			18	10	13.57	13.57	13.61	13.58	13.34	13.47	13.56	13.46	13.53	0.0	14.5
			18	20	13.48	13.49	13.53	13.61	13.27	13.48	13.61	13.56	13.57	0.0	14.5
			36	0	13.57	13.52	13.44	13.50	13.17	13.32	13.60	13.54	13.79	0.0	14.5
		16QAM	1	1	13.45	13.77	13.84	13.46	13.11	13.42	13.33	13.26	13.16	0.0	14.5
			1	18	13.55	13.79	13.85	13.59	13.17	13.44	13.28	13.24	13.24	0.0	14.5
			1	36	13.52	13.81	13.74	13.48	13.19	13.46	13.54	13.23	13.33	0.0	14.5
		64QAM	1	1	13.89	13.71	13.59	13.81	13.39	13.64	14.03	13.46	13.68	0.0	14.5
		256QAM	1	1	13.82	13.63	13.53	13.53	13.37	13.38	13.59	13.51	13.55	0.0	14.5
	CP-OFDM	QPSK	1	1	13.61	13.44	13.46	13.73	13.43	13.38	13.53	13.77	13.43	0.0	14.5

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			Measured Pwr (dBm)						MPR	Tune-up Limit
					630334	633334	636332	647000	650600	654200	657800	661400	665000		
					3455.01 MHz	3500.01 MHz	3544.98 MHz	3705.00 MHz	3759.00 MHz	3813.00 MHz	3867.00 MHz	3921.00 MHz	3975.00 MHz		
10 MHz	DFT-s-OFDM	π/2 BPSK	1	1	13.62	13.53	13.57	13.62	13.22	13.51	13.46	13.35	13.71	0.0	14.5
			1	12	13.63	13.52	13.48	13.69	13.33	13.45	13.57	13.50	13.51	0.0	14.5
			1	22	13.63	13.57	13.45	13.62	13.28	13.48	13.54	13.41	13.59	0.0	14.5
			12	0	13.60	13.62	13.62	13.39	13.26	13.42	13.57	13.39	13.55	0.0	14.5
			12	6	13.63	13.63	13.52	13.60	13.29	13.50	13.60	13.54	13.59	0.0	14.5
			12	12	13.65	13.60	13.49	13.64	13.31	13.50	13.60	13.46	13.55	0.0	14.5
			24	0	13.60	13.59	13.54	13.63	13.29	13.45	13.55	13.58	13.61	0.0	14.5
		QPSK	1	1	13.50	13.47	13.59	13.62	13.35	13.40	13.59	13.51	13.59	0.0	14.5
			1	12	13.64	13.54	13.45	13.63	13.45	13.49	13.54	13.61	13.59	0.0	14.5
			1	22	13.56	13.60	13.47	13.74	13.38	13.36	13.54	13.52	13.57	0.0	14.5
			12	0	13.48	13.50	13.56	13.65	13.25	13.35	13.66	13.48	13.64	0.0	14.5
			12	6	13.56	13.58	13.53	13.57	13.27	13.38	13.68	13.53	13.56	0.0	14.5
			12	12	13.52	13.59	13.55	13.58	13.21	13.47	13.62	13.56	13.57	0.0	14.5
			24	0	13.57	13.51	13.45	13.54	13.21	13.34	13.54	13.47	13.78	0.0	14.5
		16QAM	1	1	13.46	13.74	13.83	13.46	13.10	13.49	13.36	13.37	13.15	0.0	14.5
			1	12	13.49	13.83	13.82	13.57	13.11	13.43	13.39	13.31	13.24	0.0	14.5
			1	22	13.57	13.77	13.75	13.50	13.07	13.56	13.44	13.20	13.28	0.0	14.5
		64QAM	1	1	13.86	13.73	13.71	13.79	13.41	13.65	13.95	13.38	13.74	0.0	14.5
		256QAM	1	1	13.84	13.59	13.49	13.61	13.35	13.34	13.51	13.58	13.55	0.0	14.5
	CP-OFDM	QPSK	1	1	13.61	13.51	13.46	13.67	13.32	13.43	13.50	13.84	13.47	0.0	14.5

Notes:

NR TDD mode were measured output power through test mode software provided by manufacturer.

NR Band n77 (Sub.3) (Voice/data/SRS1) DSI=3 Measured Results

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Maximum Allowed Average Power (dBm)									MPR	Tune-up Limit
					DSI = 3										
					Measured Pwr (dBm)			Measured Pwr (dBm)							
						633334		650000					662000		
						3500.01 MHz		3750.00 MHz					3930.00 MHz		
100 MHz	DFT-s-OFDM	π/2 BPSK	1	1		16.20		16.32					16.30	0.0	17.0
			1	136		16.21		16.36					16.46	0.0	17.0
			1	271		16.24		16.50					16.41	0.0	17.0
			135	0		16.39		16.38					16.40	0.0	17.0
			135	69		16.43		16.42					16.45	0.0	17.0
			135	138		16.33		16.45					16.44	0.0	17.0
			270	0		16.44		16.43					16.41	0.0	17.0
		QPSK	1	1		16.30		16.32					16.37	0.0	17.0
			1	136		16.40		16.31					16.39	0.0	17.0
			1	271		16.33		16.37					16.33	0.0	17.0
			135	0		16.40		16.26					16.25	0.0	17.0
			135	69		16.42		16.35					16.36	0.0	17.0
			135	138		16.36		16.33					16.33	0.0	17.0
			270	0		16.38		16.28					16.40	0.0	17.0
		16QAM	1	1		16.45		16.30					16.19	0.0	17.0
			1	136		16.38		16.28					16.31	0.0	17.0
			1	271		16.45		16.42					16.33	0.0	17.0
		64QAM	1	1		16.35		16.42					16.44	0.0	17.0
		256QAM	1	1		16.17		16.37					16.36	0.0	17.0
	CP-OFDM	QPSK	1	1		16.99		16.09					16.40	0.0	17.0
BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			Measured Pwr (dBm)						MPR	Tune-up Limit
						633334		649668			656000		662332		
						3500.01 MHz		3745.02 MHz			3840.00 MHz		3934.98 MHz		
90 MHz	DFT-s-OFDM	π/2 BPSK	1	1		16.44		16.54			16.50		16.67	0.0	17.0
			1	122		16.38		16.64			16.50		16.61	0.0	17.0
			1	243		16.53		16.65			16.56		16.60	0.0	17.0
			120	0		16.56		16.46			16.63		16.54	0.0	17.0
			120	62		16.57		16.66			16.61		16.58	0.0	17.0
			120	125		16.46		16.65			16.56		16.58	0.0	17.0
			243	0		16.60		16.57			16.64		16.65	0.0	17.0
		QPSK	1	1		16.50		16.69			16.57		16.59	0.0	17.0
			1	122		16.42		16.70			16.55		16.64	0.0	17.0
			1	243		16.51		16.71			16.56		16.55	0.0	17.0
			120	0		16.57		16.64			16.58		16.66	0.0	17.0
			120	62		16.60		16.64			16.68		16.57	0.0	17.0
			120	125		16.57		16.55			16.57		16.59	0.0	17.0
			243	0		16.61		16.60			16.63		16.84	0.0	17.0
		16QAM	1	1		16.38		16.45			16.40		16.18	0.0	17.0
			1	122		16.29		16.54			16.33		16.24	0.0	17.0
			1	243		16.44		16.51			16.45		16.26	0.0	17.0
		64QAM	1	1		16.69		16.83			16.99		16.73	0.0	17.0
		256QAM	1	1		16.70		16.63			16.51		16.55	0.0	17.0
	CP-OFDM	QPSK	1	1		16.85		16.75			16.58		16.48	0.0	17.0
BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			Measured Pwr (dBm)						MPR	Tune-up Limit
						633334		649334			656000		662666		
						3500.01 MHz		3740.01 MHz			3840.00 MHz		3939.99 MHz		
80 MHz	DFT-s-OFDM	π/2 BPSK	1	1		16.44		16.56			16.47		16.68	0.0	17.0
			1	108		16.37		16.71			16.50		16.53	0.0	17.0
			1	215		16.58		16.66			16.46		16.61	0.0	17.0
			108	0		16.60		16.41			16.56		16.55	0.0	17.0
			108	54		16.52		16.65			16.56		16.54	0.0	17.0
			108	109		16.47		16.62			16.62		16.61	0.0	17.0
			216	0		16.61		16.67			16.55		16.66	0.0	17.0
		QPSK	1	1		16.53		16.65			16.60		16.62	0.0	17.0
			1	108		16.47		16.67			16.55		16.65	0.0	17.0
			1	215		16.55		16.70			16.55		16.62	0.0	17.0
			108	0		16.61		16.63			16.62		16.71	0.0	17.0
			108	54		16.61		16.59			16.64		16.57	0.0	17.0
			108	109		16.54		16.62			16.64		16.58	0.0	17.0
			216	0		16.66		16.54			16.55		16.84	0.0	17.0
		16QAM	1	1		16.39		16.48			16.37		16.16	0.0	17.0
			1	108		16.32		16.56			16.31		16.23	0.0	17.0
			1	215		16.41		16.54			16.51		16.26	0.0	17.0
		64QAM	1	1		16.71		16.83			16.96		16.73	0.0	17.0
		256QAM	1	1		16.73		16.56			16.54		16.55	0.0	17.0
	CP-OFDM	QPSK	1	1		16.89		16.75			16.54		16.54	0.0	17.0

Notes:

NR TDD mode were measured output power through test mode software provided by manufacturer.

NR Band n77 (Sub.3) (Voice/data/SRS1) DSI=3 Measured Results (Continued)

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			Measured Pwr (dBm)					MPR	Tune-up Limit
						633334		649000	653666			658334	663000		
						3500.01 MHz		3735.00 MHz	3804.99 MHz			3875.01 MHz	3945.00 MHz		
70 MHz	DFT-s-OFDM	π/2 BPSK	1	1		16.48		16.58	16.29			16.32	16.65	0.0	17.0
			1	94		16.34		16.68	16.27			16.48	16.58	0.0	17.0
			1	187		16.54		16.63	16.25			16.41	16.61	0.0	17.0
			90	0		16.55		16.39	16.31			16.46	16.55	0.0	17.0
			90	49		16.54		16.66	16.32			16.46	16.50	0.0	17.0
			90	99		16.44		16.61	16.25			16.49	16.60	0.0	17.0
			180	0		16.57		16.59	16.35			16.57	16.60	0.0	17.0
		QPSK	1	1		16.51		16.70	16.40			16.50	16.61	0.0	17.0
			1	94		16.45		16.63	16.42			16.61	16.57	0.0	17.0
			1	187		16.48		16.78	16.36			16.55	16.61	0.0	17.0
			90	0		16.53		16.64	16.25			16.41	16.71	0.0	17.0
			90	49		16.60		16.66	16.36			16.52	16.56	0.0	17.0
			90	99		16.58		16.60	16.24			16.53	16.61	0.0	17.0
			180	0		16.60		16.60	16.21			16.51	16.75	0.0	17.0
		16QAM	1	1		16.35		16.43	16.14			16.29	16.14	0.0	17.0
			1	94		16.27		16.49	16.12			16.25	16.26	0.0	17.0
			1	187		16.49		16.50	16.10			16.18	16.35	0.0	17.0
		64QAM	1	1		16.68		16.85	16.42			16.42	16.69	0.0	17.0
		256QAM	1	1		16.65		16.57	16.31			16.50	16.52	0.0	17.0
	CP-OFDM	QPSK	1	1		16.89		16.67	16.32			16.82	16.53	0.0	17.0

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			Measured Pwr (dBm)					MPR	Tune-up Limit
						633334		648668	653556			658444	663332		
						3500.01 MHz		3730.02 MHz	3803.34 MHz			3876.66 MHz	3949.98 MHz		
60 MHz	DFT-s-OFDM	π/2 BPSK	1	1		16.39		16.58	16.26			16.42	16.67	0.0	17.0
			1	80		16.36		16.64	16.33			16.47	16.52	0.0	17.0
			1	160		16.58		16.59	16.23			16.41	16.62	0.0	17.0
			81	0		16.58		16.42	16.23			16.48	16.55	0.0	17.0
			81	40		16.52		16.59	16.32			16.47	16.59	0.0	17.0
			81	81		16.47		16.66	16.30			16.55	16.59	0.0	17.0
			162	0		16.60		16.66	16.32			16.55	16.60	0.0	17.0
		QPSK	1	1		16.47		16.66	16.36			16.55	16.64	0.0	17.0
			1	80		16.37		16.71	16.43			16.62	16.60	0.0	17.0
			1	160		16.54		16.70	16.36			16.54	16.61	0.0	17.0
			81	0		16.55		16.62	16.22			16.49	16.69	0.0	17.0
			81	40		16.60		16.67	16.27			16.55	16.60	0.0	17.0
			81	81		16.58		16.60	16.22			16.52	16.62	0.0	17.0
			162	0		16.66		16.59	16.25			16.55	16.75	0.0	17.0
		16QAM	1	1		16.36		16.48	16.09			16.33	16.12	0.0	17.0
			1	80		16.30		16.53	16.15			16.26	16.25	0.0	17.0
			1	160		16.41		16.47	16.13			16.26	16.26	0.0	17.0
		64QAM	1	1		16.72		16.81	16.40			16.36	16.68	0.0	17.0
		256QAM	1	1		16.67		16.59	16.35			16.53	16.54	0.0	17.0
	CP-OFDM	QPSK	1	1		16.89		16.76	16.33			16.80	16.55	0.0	17.0

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			Measured Pwr (dBm)					MPR	Tune-up Limit
					631668		635000	648334	652168		656000	659834	663666		
					3475.02 MHz		3525.00 MHz	3725.01 MHz	3782.52 MHz		3840.00 MHz	3897.51 MHz	3954.99 MHz		
50 MHz	DFT-s-OFDM	π/2 BPSK	1	1	16.82		16.72	16.53	16.26		16.41	16.42	16.67	0.0	17.0
			1	66	16.74		16.69	16.73	16.27		16.57	16.51	16.58	0.0	17.0
			1	131	16.65		16.68	16.59	16.30		16.56	16.41	16.57	0.0	17.0
			64	0	16.73		16.77	16.37	16.22		16.64	16.40	16.59	0.0	17.0
			64	34	16.74		16.74	16.68	16.32		16.59	16.55	16.49	0.0	17.0
			64	69	16.82		16.76	16.59	16.30		16.58	16.56	16.55	0.0	17.0
			128	0	16.75		16.76	16.66	16.33		16.59	16.51	16.62	0.0	17.0
		QPSK	1	1	16.83		16.82	16.67	16.32		16.63	16.51	16.66	0.0	17.0
			1	66	16.78		16.69	16.70	16.45		16.60	16.60	16.62	0.0	17.0
			1	131	16.66		16.66	16.68	16.33		16.59	16.57	16.53	0.0	17.0
			64	0	16.81		16.73	16.60	16.29		16.64	16.44	16.63	0.0	17.0
			64	34	16.77		16.71	16.63	16.32		16.70	16.48	16.55	0.0	17.0
			64	69	16.77		16.69	16.58	16.21		16.64	16.51	16.59	0.0	17.0
			128	0	16.81		16.71	16.59	16.23		16.61	16.54	16.74	0.0	17.0
		16QAM	1	1	16.65		16.45	16.48	16.10		16.36	16.29	16.18	0.0	17.0
			1	66	16.61		16.31	16.48	16.12		16.33	16.34	16.22	0.0	17.0
			1	131	16.51		16.25	16.50	16.06		16.48	16.22	16.31	0.0	17.0
		64QAM	1	1	16.88		16.94	16.81	16.35		16.98	16.38	16.71	0.0	17.0
		256QAM	1	1	16.71		16.70	16.64	16.35		16.51	16.53	16.54	0.0	17.0
	CP-OFDM	QPSK	1	1	16.70		16.78	16.77	16.37		16.52	16.83	16.51	0.0	17.0

Notes:

NR TDD mode were measured output power through test mode software provided by manufacturer.

NR Band n77 (Sub.3) (Voice/data/SRS1) DSI=3 Measured Results (Continued)

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			Measured Pwr (dBm)						MPR	Tune-up Limit
					631334		635332	648000	651200	654400	657600	660800	664000		
					3470.01 MHz		3529.98 MHz	3720.00 MHz	3768.00 MHz	3816.00 MHz	3864.00 MHz	3912.00 MHz	3960.00 MHz		
40 MHz	DFT-s-OFDM	π/2 BPSK	1	1	16.65		16.62	16.56	16.24	16.49	16.40	16.37	16.72	0.0	17.0
			1	52	16.62		16.48	16.66	16.33	16.50	16.53	16.53	16.57	0.0	17.0
			1	104	16.67		16.46	16.66	16.28	16.49	16.51	16.43	16.62	0.0	17.0
			50	0	16.64		16.63	16.40	16.23	16.42	16.61	16.46	16.54	0.0	17.0
			50	28	16.68		16.55	16.60	16.32	16.47	16.56	16.47	16.55	0.0	17.0
			50	56	16.70		16.49	16.59	16.22	16.44	16.53	16.51	16.57	0.0	17.0
			100	0	16.61		16.54	16.62	16.26	16.42	16.55	16.50	16.69	0.0	17.0
		QPSK	1	1	16.50		16.52	16.71	16.36	16.37	16.58	16.53	16.66	0.0	17.0
			1	52	16.59		16.44	16.69	16.38	16.43	16.59	16.63	16.66	0.0	17.0
			1	104	16.64		16.44	16.69	16.37	16.43	16.57	16.59	16.57	0.0	17.0
			50	0	16.47		16.54	16.62	16.20	16.42	16.64	16.45	16.63	0.0	17.0
			50	28	16.53		16.52	16.57	16.31	16.39	16.61	16.57	16.58	0.0	17.0
			50	56	16.55		16.58	16.61	16.25	16.55	16.58	16.55	16.60	0.0	17.0
			100	0	16.62		16.51	16.57	16.23	16.32	16.55	16.51	16.84	0.0	17.0
		16QAM	1	1	16.43		16.84	16.46	16.17	16.49	16.39	16.37	16.12	0.0	17.0
			1	52	16.50		16.82	16.55	16.18	16.51	16.37	16.35	16.24	0.0	17.0
			1	104	16.55		16.82	16.53	16.11	16.56	16.42	16.21	16.28	0.0	17.0
		64QAM	1	1	16.88		16.62	16.84	16.38	16.66	16.98	16.43	16.67	0.0	17.0
		256QAM	1	1	16.80		16.44	16.54	16.32	16.32	16.49	16.51	16.50	0.0	17.0
	CP-OFDM	QPSK	1	1	16.57		16.48	16.71	16.34	16.37	16.59	16.84	16.49	0.0	17.0

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			Measured Pwr (dBm)						MPR	Tune-up Limit
					631000	633334	635666	647668	651000	654334	657666	661000	664332		
					3465.00 MHz	3500.01 MHz	3534.99 MHz	3715.02 MHz	3765.00 MHz	3815.01 MHz	3864.99 MHz	3915.00 MHz	3964.98 MHz		
30 MHz	DFT-s-OFDM	π/2 BPSK	1	1	16.56	16.53	16.54	16.52	16.19	16.46	16.43	16.35	16.64	0.0	17.0
			1	39	16.59	16.60	16.40	16.68	16.32	16.46	16.60	16.55	16.54	0.0	17.0
			1	76	16.68	16.56	16.55	16.61	16.24	16.57	16.55	16.40	16.60	0.0	17.0
			36	0	16.66	16.60	16.68	16.42	16.27	16.43	16.56	16.48	16.57	0.0	17.0
			36	21	16.65	16.63	16.50	16.69	16.33	16.44	16.66	16.52	16.54	0.0	17.0
			36	42	16.67	16.63	16.57	16.57	16.30	16.43	16.53	16.49	16.53	0.0	17.0
			75	0	16.61	16.67	16.50	16.60	16.25	16.39	16.61	16.53	16.61	0.0	17.0
		QPSK	1	1	16.49	16.46	16.56	16.71	16.37	16.43	16.57	16.49	16.64	0.0	17.0
			1	39	16.58	16.59	16.50	16.67	16.39	16.50	16.58	16.54	16.60	0.0	17.0
			1	76	16.57	16.63	16.49	16.73	16.36	16.43	16.60	16.51	16.52	0.0	17.0
			36	0	16.50	16.57	16.52	16.69	16.21	16.42	16.61	16.40	16.70	0.0	17.0
			36	21	16.60	16.57	16.55	16.64	16.34	16.42	16.63	16.56	16.53	0.0	17.0
			36	42	16.54	16.52	16.57	16.54	16.26	16.53	16.66	16.54	16.53	0.0	17.0
			75	0	16.56	16.46	16.45	16.59	16.27	16.31	16.63	16.55	16.84	0.0	17.0
		16QAM	1	1	16.48	16.70	16.84	16.48	16.13	16.45	16.38	16.30	16.20	0.0	17.0
			1	39	16.45	16.89	16.77	16.58	16.15	16.44	16.35	16.34	16.27	0.0	17.0
			1	76	16.52	16.75	16.78	16.54	16.07	16.50	16.44	16.19	16.28	0.0	17.0
		64QAM	1	1	16.90	16.74	16.63	16.80	16.34	16.65	16.94	16.41	16.75	0.0	17.0
		256QAM	1	1	16.80	16.58	16.45	16.62	16.29	16.37	16.54	16.57	16.48	0.0	17.0
	CP-OFDM	QPSK	1	1	16.63	16.49	16.45	16.70	16.38	16.44	16.50	16.75	16.57	0.0	17.0

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			Measured Pwr (dBm)						MPR	Tune-up Limit
					630834	633334	635832	647500	650900	654300	657700	661100	664500		
					3462.51 MHz	3500.01 MHz	3537.48 MHz	3712.50 MHz	3763.50 MHz	3814.50 MHz	3865.50 MHz	3916.50 MHz	3967.50 MHz		
25 MHz	DFT-s-OFDM	π/2 BPSK	1	1	16.56	16.49	16.52	16.52	16.28	16.44	16.45	16.40	16.72	0.0	17.0
			1	32	16.55	16.51	16.44	16.67	16.33	16.50	16.57	16.46	16.58	0.0	17.0
			1	63	16.59	16.53	16.51	16.58	16.22	16.58	16.50	16.47	16.53	0.0	17.0
			32	0	16.61	16.57	16.66	16.46	16.23	16.43	16.60	16.47	16.62	0.0	17.0
			32	16	16.58	16.65	16.51	16.69	16.32	16.48	16.60	16.50	16.51	0.0	17.0
			32	33	16.63	16.59	16.50	16.58	16.23	16.41	16.59	16.55	16.55	0.0	17.0
			64	0	16.62	16.68	16.45	16.61	16.33	16.46	16.58	16.51	16.60	0.0	17.0
		QPSK	1	1	16.45	16.53	16.50	16.72	16.38	16.45	16.61	16.46	16.66	0.0	17.0
			1	32	16.63	16.59	16.45	16.65	16.38	16.46	16.54	16.54	16.65	0.0	17.0
			1	63	16.62	16.62	16.44	16.76	16.42	16.39	16.55	16.51	16.60	0.0	17.0
			32	0	16.51	16.56	16.52	16.63	16.27	16.43	16.65	16.44	16.64	0.0	17.0
			32	16	16.59	16.58	16.51	16.59	16.27	16.47	16.70	16.53	16.56	0.0	17.0
			32	33	16.59	16.52	16.53	16.63	16.31	16.46	16.58	16.59	16.62	0.0	17.0
			64	0	16.57	16.49	16.50	16.54	16.25	16.30	16.59	16.57	16.79	0.0	17.0
		16QAM	1	1	16.48	16.72	16.87	16.45	16.14	16.42	16.39	16.30	16.12	0.0	17.0
			1	32	16.48	16.89	16.81	16.57	16.08	16.42	16.34	16.34	16.19	0.0	17.0
			1	63	16.50	16.75	16.74	16.47	16.12	16.46	16.48	16.21	16.29	0.0	17.0
		64QAM	1	1	16.89	16.72	16.66	16.80	16.34	16.64	16.95	16.40	16.71	0.0	17.0
		256QAM	1	1	16.76	16.63	16.49	16.57	16.27	16.38	16.58	16.56	16.57	0.0	17.0
	CP-OFDM	QPSK	1	1	16.59	16.52	16.48	16.73	16.36	16.41	16.56	16.74	16.52	0.0	17.0

Notes:

NR TDD mode were measured output power through test mode software provided by manufacturer.

NR Band n77 (Sub.3) (Voice/data/SRS1) DSI=3 Measured Results (Continued)

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			Measured Pwr (dBm)						MPR	Tune-up Limit
					630668	633334	636000	647334	650800	654266	657734	661200	664666		
					3460.02 MHz	3500.01 MHz	3540.00 MHz	3710.01 MHz	3762.00 MHz	3813.99 MHz	3866.01 MHz	3918.00 MHz	3969.99 MHz		
20 MHz	DFT-s-OFDM	π/2 BPSK	1	1	16.56	16.54	16.52	16.62	16.27	16.46	16.49	16.35	16.68	0.0	17.0
			1	25	16.63	16.57	16.40	16.67	16.32	16.46	16.57	16.52	16.55	0.0	17.0
			1	49	16.66	16.56	16.46	16.66	16.29	16.51	16.46	16.38	16.53	0.0	17.0
			25	0	16.64	16.56	16.61	16.47	16.28	16.43	16.61	16.48	16.61	0.0	17.0
			25	13	16.58	16.62	16.52	16.69	16.32	16.47	16.61	16.53	16.59	0.0	17.0
			25	26	16.69	16.60	16.49	16.63	16.23	16.45	16.62	16.47	16.59	0.0	17.0
			50	0	16.64	16.60	16.49	16.62	16.34	16.45	16.58	16.55	16.65	0.0	17.0
		QPSK	1	1	16.53	16.49	16.51	16.62	16.34	16.43	16.57	16.47	16.68	0.0	17.0
			1	25	16.58	16.60	16.41	16.68	16.41	16.44	16.57	16.61	16.66	0.0	17.0
			1	49	16.58	16.55	16.53	16.73	16.38	16.35	16.57	16.57	16.56	0.0	17.0
			25	0	16.49	16.57	16.53	16.67	16.29	16.42	16.64	16.40	16.69	0.0	17.0
			25	13	16.52	16.63	16.51	16.66	16.28	16.41	16.69	16.55	16.52	0.0	17.0
			25	26	16.51	16.49	16.57	16.58	16.31	16.55	16.65	16.57	16.56	0.0	17.0
			50	0	16.55	16.55	16.47	16.54	16.30	16.34	16.54	16.52	16.75	0.0	17.0
		16QAM	1	1	16.46	16.73	16.84	16.45	16.09	16.45	16.43	16.29	16.13	0.0	17.0
			1	25	16.54	16.80	16.74	16.56	16.11	16.48	16.31	16.25	16.27	0.0	17.0
			1	49	16.53	16.78	16.77	16.54	16.16	16.49	16.43	16.19	16.32	0.0	17.0
		64QAM	1	1	16.84	16.67	16.63	16.85	16.43	16.58	16.99	16.46	16.71	0.0	17.0
		256QAM	1	1	16.83	16.65	16.47	16.57	16.29	16.39	16.56	16.58	16.58	0.0	17.0
	CP-OFDM	QPSK	1	1	16.56	16.53	16.38	16.69	16.33	16.40	16.60	16.84	16.53	0.0	17.0

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			Measured Pwr (dBm)						MPR	Tune-up Limit
					630500	633334	636166	647168	650700	654234	657766	661300	664832		
					3457.50 MHz	3500.01 MHz	3542.49 MHz	3707.52 MHz	3760.50 MHz	3813.51 MHz	3866.49 MHz	3919.50 MHz	3972.48 MHz		
15 MHz	DFT-s-OFDM	π/2 BPSK	1	1	16.64	16.50	16.55	16.54	16.19	16.43	16.48	16.34	16.70	0.0	17.0
			1	18	16.54	16.53	16.42	16.65	16.34	16.44	16.59	16.45	16.52	0.0	17.0
			1	36	16.68	16.55	16.45	16.62	16.26	16.52	16.53	16.47	16.57	0.0	17.0
			18	0	16.64	16.56	16.68	16.45	16.25	16.42	16.56	16.40	16.53	0.0	17.0
			18	10	16.67	16.63	16.47	16.59	16.32	16.45	16.65	16.53	16.49	0.0	17.0
			18	20	16.65	16.54	16.55	16.57	16.32	16.45	16.53	16.48	16.54	0.0	17.0
			36	0	16.57	16.59	16.47	16.61	16.26	16.38	16.62	16.56	16.61	0.0	17.0
		QPSK	1	1	16.54	16.51	16.57	16.64	16.41	16.40	16.57	16.51	16.66	0.0	17.0
			1	18	16.59	16.55	16.47	16.71	16.46	16.50	16.57	16.63	16.63	0.0	17.0
			1	36	16.66	16.64	16.44	16.69	16.37	16.35	16.60	16.54	16.53	0.0	17.0
			18	0	16.52	16.56	16.59	16.65	16.26	16.45	16.57	16.47	16.65	0.0	17.0
			18	10	16.59	16.53	16.56	16.59	16.31	16.47	16.61	16.51	16.57	0.0	17.0
			18	20	16.53	16.50	16.51	16.61	16.26	16.53	16.58	16.54	16.60	0.0	17.0
			36	0	16.53	16.48	16.44	16.54	16.21	16.31	16.63	16.51	16.77	0.0	17.0
		16QAM	1	1	16.48	16.79	16.83	16.45	16.14	16.43	16.36	16.27	16.11	0.0	17.0
			1	18	16.53	16.80	16.83	16.55	16.12	16.44	16.32	16.29	16.27	0.0	17.0
			1	36	16.56	16.76	16.79	16.49	16.14	16.50	16.50	16.21	16.33	0.0	17.0
		64QAM	1	1	16.92	16.68	16.63	16.81	16.34	16.59	16.97	16.44	16.67	0.0	17.0
		256QAM	1	1	16.85	16.59	16.52	16.58	16.34	16.39	16.54	16.56	16.55	0.0	17.0
	CP-OFDM	QPSK	1	1	16.62	16.47	16.46	16.77	16.39	16.36	16.58	16.79	16.48	0.0	17.0

BW (MHz)	Modulation	Mode	RB Allocation	RB offset	Measured Pwr (dBm)			Measured Pwr (dBm)						MPR	Tune-up Limit
					630334	633334	636332	647000	650600	654200	657800	661400	665000		
					3455.01 MHz	3500.01 MHz	3544.98 MHz	3705.00 MHz	3759.00 MHz	3813.00 MHz	3867.00 MHz	3921.00 MHz	3975.00 MHz		
10 MHz	DFT-s-OFDM	π/2 BPSK	1	1	16.61	16.49	16.57	16.57	16.24	16.47	16.45	16.37	16.68	0.0	17.0
			1	12	16.58	16.55	16.43	16.69	16.32	16.48	16.55	16.50	16.56	0.0	17.0
			1	22	16.63	16.53	16.50	16.62	16.25	16.53	16.51	16.43	16.57	0.0	17.0
			12	0	16.64	16.60	16.64	16.42	16.27	16.44	16.60	16.43	16.57	0.0	17.0
			12	6	16.63	16.61	16.50	16.64	16.33	16.47	16.61	16.51	16.54	0.0	17.0
			12	12	16.66	16.58	16.53	16.61	16.27	16.45	16.57	16.51	16.58	0.0	17.0
			24	0	16.60	16.64	16.50	16.62	16.30	16.42	16.59	16.53	16.64	0.0	17.0
		QPSK	1	1	16.49	16.49	16.55	16.67	16.37	16.40	16.58	16.50	16.63	0.0	17.0
			1	12	16.60	16.58	16.45	16.68	16.41	16.47	16.59	16.59	16.61	0.0	17.0
			1	22	16.61	16.60	16.49	16.73	16.37	16.39	16.59	16.56	16.57	0.0	17.0
			12	0	16.51	16.54	16.56	16.64	16.25	16.40	16.62	16.45	16.68	0.0	17.0
			12	6	16.55	16.58	16.52	16.62	16.31	16.42	16.65	16.52	16.56	0.0	17.0
			12	12	16.55	16.54	16.54	16.59	16.26	16.51	16.61	16.55	16.57	0.0	17.0
			24	0	16.57	16.50	16.47	16.57	16.26	16.32	16.59	16.52	16.79	0.0	17.0
		16QAM	1	1	16.46	16.74	16.85	16.44	16.13	16.45	16.41	16.32	16.15	0.0	17.0
			1	12	16.49	16.84	16.78	16.53	16.13	16.47	16.34	16.30	16.24	0.0	17.0
			1	22	16.55	16.80	16.79	16.50	16.11	16.51	16.46	16.23	16.30	0.0	17.0
		64QAM	1	1	16.88	16.71	16.67	16.84	16.39	16.62	16.99	16.41	16.72	0.0	17.0
		256QAM	1	1	16.80	16.60	16.47	16.59	16.32	16.37	16.54	16.54	16.53	0.0	17.0
	CP-OFDM	QPSK	1	1	16.59	16.51	16.43	16.72	16.34	16.40	16.55	16.79	16.52	0.0	17.0

Notes:

NR TDD mode were measured output power through test mode software provided by manufacturer.

NR Band n77 (Main2) (SRS2) Measured Results

BW (MHz)	Mode	Maximum Allowed Average Power (dBm)									Tune-up Limit
		DSI = 0, 3, 4, 5									
		Measured Pwr (dBm)			Measured Pwr (dBm)						
			633334		650000					662000	
			3500.01 MHz		3750.00 MHz					3930.00 MHz	
100 MHz	SRS CW		18.62		19.22					19.42	20.0
BW (MHz)	Mode	Measured Pwr (dBm)			Measured Pwr (dBm)						Tune-up Limit
			633334		649668			656000		662332	
			3500.01 MHz		3745.02 MHz			3840.00 MHz		3934.98 MHz	
90 MHz	SRS CW		18.59		19.08			19.03		18.93	20.0
BW (MHz)	Mode	Measured Pwr (dBm)			Measured Pwr (dBm)						Tune-up Limit
			633334		649334			656000		662666	
			3500.01 MHz		3740.01 MHz			3840.00 MHz		3939.99 MHz	
80 MHz	SRS CW		18.55		19.11			19.19		19.21	20.0
BW (MHz)	Mode	Measured Pwr (dBm)			Measured Pwr (dBm)						Tune-up Limit
			633334		649000	653666			658334	663000	
			3500.01 MHz		3735.00 MHz	3804.99 MHz			3875.01 MHz	3945.00 MHz	
70 MHz	SRS CW		18.56		19.23	19.25			19.33	19.45	20.0
BW (MHz)	Mode	Measured Pwr (dBm)			Measured Pwr (dBm)						Tune-up Limit
			633334		648668	653556			658444	663332	
			3500.01 MHz		3730.02 MHz	3803.34 MHz			3876.66 MHz	3949.98 MHz	
60 MHz	SRS CW		18.71		19.21	19.01			19.38	19.35	20.0
BW (MHz)	Mode	Measured Pwr (dBm)			Measured Pwr (dBm)						Tune-up Limit
		631668		635000	648334	652168		656000	659834	663666	
		3475.02 MHz		3525.00 MHz	3725.01 MHz	3782.52 MHz		3840.00 MHz	3897.51 MHz	3954.99 MHz	
50 MHz	SRS CW	18.66		18.72	19.15	18.98		19.19	19.25	19.34	20.0
BW (MHz)	Mode	Measured Pwr (dBm)			Measured Pwr (dBm)						Tune-up Limit
		631334		635332	648000	651200	654400	657600	660800	664000	
		3470.01 MHz		3529.98 MHz	3720.00 MHz	3768.00 MHz	3816.00 MHz	3864.00 MHz	3912.00 MHz	3960.00 MHz	
40 MHz	SRS CW	18.85		18.87	19.31	19.35	19.23	19.26	19.27	19.47	20.0
BW (MHz)	Mode	Measured Pwr (dBm)			Measured Pwr (dBm)						Tune-up Limit
		631000	633334	635666	647668	651000	654334	657666	661000	664332	
		3465.00 MHz	3500.01 MHz	3534.99 MHz	3715.02 MHz	3765.00 MHz	3815.01 MHz	3864.99 MHz	3915.00 MHz	3964.98 MHz	
30 MHz	SRS CW	18.88	18.88	18.99	19.32	19.28	19.24	19.28	19.33	19.45	20.0
BW (MHz)	Mode	Measured Pwr (dBm)			Measured Pwr (dBm)						Tune-up Limit
		630834	633334	635832	647500	650900	654300	657700	661100	664500	
		3462.51 MHz	3500.01 MHz	3537.48 MHz	3712.50 MHz	3763.50 MHz	3814.50 MHz	3865.50 MHz	3916.50 MHz	3967.50 MHz	
25 MHz	SRS CW	18.84	18.90	18.87	19.35	19.34	19.29	19.25	19.21	19.48	20.0
BW (MHz)	Mode	Measured Pwr (dBm)			Measured Pwr (dBm)						Tune-up Limit
		630668	633334	636000	647334	650800	654266	657734	661200	664666	
		3460.02 MHz	3500.01 MHz	3540.00 MHz	3710.01 MHz	3762.00 MHz	3813.99 MHz	3866.01 MHz	3918.00 MHz	3969.99 MHz	
20 MHz	SRS CW	18.75	18.85	18.96	19.21	19.28	19.37	19.24	19.35	19.36	20.0
BW (MHz)	Mode	Measured Pwr (dBm)			Measured Pwr (dBm)						Tune-up Limit
		630500	633334	636166	647168	650700	654234	657766	661300	664832	
		3457.50 MHz	3500.01 MHz	3542.49 MHz	3707.52 MHz	3760.50 MHz	3813.51 MHz	3866.49 MHz	3919.50 MHz	3972.48 MHz	
15 MHz	SRS CW	18.83	18.88	18.98	19.19	19.18	19.23	19.09	19.16	19.49	20.0
BW (MHz)	Mode	Measured Pwr (dBm)			Measured Pwr (dBm)						Tune-up Limit
		630334	633334	636332	647000	650600	654200	657800	661400	665000	
		3455.01 MHz	3500.01 MHz	3544.98 MHz	3705.00 MHz	3759.00 MHz	3813.00 MHz	3867.00 MHz	3921.00 MHz	3975.00 MHz	
10 MHz	SRS CW	18.72	18.66	18.91	19.26	19.17	19.31	19.34	19.37	19.58	20.0

Notes:

NR TDD mode were measured output power through test mode software provided by manufacturer.

NR Band n77 (Sub.7) (SRS3) Measured Results

BW (MHz)	Mode	Maximum Allowed Average Power (dBm)									Tune-up Limit
		DSI = 2									
		Measured Pwr (dBm)			Measured Pwr (dBm)						
			633334		650000					662000	
			3500.01 MHz		3750.00 MHz					3930.00 MHz	
100 MHz	SRS CW		14.33		13.75					13.52	15.5
BW (MHz)	Mode	Measured Pwr (dBm)			Measured Pwr (dBm)						Tune-up Limit
			633334		649668			656000		662332	
			3500.01 MHz		3745.02 MHz			3840.00 MHz		3934.98 MHz	
90 MHz	SRS CW		14.22		13.92			13.81		13.72	15.5
BW (MHz)	Mode	Measured Pwr (dBm)			Measured Pwr (dBm)						Tune-up Limit
			633334		649334			656000		662666	
			3500.01 MHz		3740.01 MHz			3840.00 MHz		3939.99 MHz	
80 MHz	SRS CW		14.34		13.94			13.76		13.60	15.5
BW (MHz)	Mode	Measured Pwr (dBm)			Measured Pwr (dBm)						Tune-up Limit
			633334		649000	653666			658334	663000	
			3500.01 MHz		3735.00 MHz	3804.99 MHz			3875.01 MHz	3945.00 MHz	
70 MHz	SRS CW		14.33		13.95	13.76			13.73	13.68	15.5
BW (MHz)	Mode	Measured Pwr (dBm)			Measured Pwr (dBm)						Tune-up Limit
			633334		648668	653556			658444	663332	
			3500.01 MHz		3730.02 MHz	3803.34 MHz			3876.66 MHz	3949.98 MHz	
60 MHz	SRS CW		14.36		13.80	13.87			13.76	13.64	15.5
BW (MHz)	Mode	Measured Pwr (dBm)			Measured Pwr (dBm)						Tune-up Limit
		631668		635000	648334	652168		656000	659834	663666	
		3475.02 MHz		3525.00 MHz	3725.01 MHz	3782.52 MHz		3840.00 MHz	3897.51 MHz	3954.99 MHz	
50 MHz	SRS CW	14.52		14.29	13.92	13.81		13.78	13.66	14.00	15.5
BW (MHz)	Mode	Measured Pwr (dBm)			Measured Pwr (dBm)						Tune-up Limit
		631334		635332	648000	651200	654400	657600	660800	664000	
		3470.01 MHz		3529.98 MHz	3720.00 MHz	3768.00 MHz	3816.00 MHz	3864.00 MHz	3912.00 MHz	3960.00 MHz	
40 MHz	SRS CW	14.45		14.26	14.18	14.13	14.12	14.02	13.84	14.32	15.5
BW (MHz)	Mode	Measured Pwr (dBm)			Measured Pwr (dBm)						Tune-up Limit
		631000	633334	635666	647668	651000	654334	657666	661000	664332	
		3465.00 MHz	3500.01 MHz	3534.99 MHz	3715.02 MHz	3765.00 MHz	3815.01 MHz	3864.99 MHz	3915.00 MHz	3964.98 MHz	
30 MHz	SRS CW	14.38	14.34	14.25	14.14	14.14	14.12	14.00	13.85	14.33	15.5
BW (MHz)	Mode	Measured Pwr (dBm)			Measured Pwr (dBm)						Tune-up Limit
		630834	633332	635832	647500	650900	654300	657700	661100	664500	
		3462.51 MHz	3499.98 MHz	3537.48 MHz	3712.50 MHz	3763.50 MHz	3814.50 MHz	3865.50 MHz	3916.50 MHz	3967.50 MHz	
25 MHz	SRS CW	14.43	14.39	14.23	14.09	14.09	14.07	14.07	13.80	14.37	15.5
BW (MHz)	Mode	Measured Pwr (dBm)			Measured Pwr (dBm)						Tune-up Limit
		630668	633334	636000	647334	650800	654266	657734	661200	664666	
		3460.02 MHz	3500.01 MHz	3540.00 MHz	3710.01 MHz	3762.00 MHz	3813.99 MHz	3866.01 MHz	3918.00 MHz	3969.99 MHz	
20 MHz	SRS CW	14.37	14.34	14.35	14.10	14.12	14.17	13.94	13.85	14.34	15.5
BW (MHz)	Mode	Measured Pwr (dBm)			Measured Pwr (dBm)						Tune-up Limit
		630500	633334	636166	647168	650700	654234	657766	661300	664832	
		3457.50 MHz	3500.01 MHz	3542.49 MHz	3707.52 MHz	3760.50 MHz	3813.51 MHz	3866.49 MHz	3919.50 MHz	3972.48 MHz	
15 MHz	SRS CW	14.39	14.34	14.25	14.13	14.16	14.18	14.06	13.90	14.36	15.5
BW (MHz)	Mode	Measured Pwr (dBm)			Measured Pwr (dBm)						Tune-up Limit
		630334	633334	636332	647000	650600	654200	657800	661400	665000	
		3455.01 MHz	3500.01 MHz	3544.98 MHz	3705.00 MHz	3759.00 MHz	3813.00 MHz	3867.00 MHz	3921.00 MHz	3975.00 MHz	
10 MHz	SRS CW	14.44	14.38	14.31	14.00	13.92	13.91	13.82	13.76	14.30	15.5

Notes:

NR TDD mode were measured output power through test mode software provided by manufacturer.

NR Band n77 (Sub.8) (SRS4) Measured Results

BW (MHz)	Mode	Maximum Allowed Average Power (dBm)									Tune-up Limit
		DSI = 0, 3, 4, 5									
		Measured Pwr (dBm)			Measured Pwr (dBm)						
			633334		650000					662000	
			3500.01 MHz		3750.00 MHz					3930.00 MHz	
100 MHz	SRS CW		18.81		18.54					18.33	19.5
BW (MHz)	Mode	Measured Pwr (dBm)			Measured Pwr (dBm)						Tune-up Limit
			633334		649668			656000		662332	
			3500.01 MHz		3745.02 MHz			3840.00 MHz		3934.98 MHz	
90 MHz	SRS CW		18.85		18.55			18.57		18.34	19.5
BW (MHz)	Mode	Measured Pwr (dBm)			Measured Pwr (dBm)						Tune-up Limit
			633334		649334			656000		662666	
			3500.01 MHz		3740.01 MHz			3840.00 MHz		3939.99 MHz	
80 MHz	SRS CW		18.91		18.55			18.61		18.38	19.5
BW (MHz)	Mode	Measured Pwr (dBm)			Measured Pwr (dBm)						Tune-up Limit
			633334		649000	653666			658334	663000	
			3500.01 MHz		3735.00 MHz	3804.99 MHz			3875.01 MHz	3945.00 MHz	
70 MHz	SRS CW		18.97		18.56	18.43			18.56	18.45	19.5
BW (MHz)	Mode	Measured Pwr (dBm)			Measured Pwr (dBm)						Tune-up Limit
			633334		648668	653556			658444	663332	
			3500.01 MHz		3730.02 MHz	3803.34 MHz			3876.66 MHz	3949.98 MHz	
60 MHz	SRS CW		18.94		18.58	18.50			18.53	18.51	19.5
BW (MHz)	Mode	Measured Pwr (dBm)			Measured Pwr (dBm)						Tune-up Limit
		631668		635000	648334	652168		656000	659834	663666	
		3475.02 MHz		3525.00 MHz	3725.01 MHz	3782.52 MHz		3840.00 MHz	3897.51 MHz	3954.99 MHz	
50 MHz	SRS CW	18.88		18.99	18.59	18.53		18.67	18.51	18.58	19.5
BW (MHz)	Mode	Measured Pwr (dBm)			Measured Pwr (dBm)						Tune-up Limit
		631334		635332	648000	651200	654400	657600	660800	664000	
		3470.01 MHz		3529.98 MHz	3720.00 MHz	3768.00 MHz	3816.00 MHz	3864.00 MHz	3912.00 MHz	3960.00 MHz	
40 MHz	SRS CW	18.95		19.04	18.72	18.60	18.71	18.63	18.51	18.57	19.5
BW (MHz)	Mode	Measured Pwr (dBm)			Measured Pwr (dBm)						Tune-up Limit
		631000	633334	635666	647668	651000	654334	657666	661000	664332	
		3465.00 MHz	3500.01 MHz	3534.99 MHz	3715.02 MHz	3765.00 MHz	3815.01 MHz	3864.99 MHz	3915.00 MHz	3964.98 MHz	
30 MHz	SRS CW	18.95	18.94	18.97	18.76	18.61	18.76	18.67	18.56	18.56	19.5
BW (MHz)	Mode	Measured Pwr (dBm)			Measured Pwr (dBm)						Tune-up Limit
		630834	633334	635832	647500	650900	654300	657700	661100	664500	
		3462.51 MHz	3500.01 MHz	3537.48 MHz	3712.50 MHz	3763.50 MHz	3814.50 MHz	3865.50 MHz	3916.50 MHz	3967.50 MHz	
25 MHz	SRS CW	18.97	18.94	18.94	18.76	18.63	18.73	18.65	18.53	18.57	19.5
BW (MHz)	Mode	Measured Pwr (dBm)			Measured Pwr (dBm)						Tune-up Limit
		630668	633334	636000	647334	650800	654266	657734	661200	664666	
		3460.02 MHz	3500.01 MHz	3540.00 MHz	3710.01 MHz	3762.00 MHz	3813.99 MHz	3866.01 MHz	3918.00 MHz	3969.99 MHz	
20 MHz	SRS CW	19.00	19.00	18.88	18.83	18.62	18.71	18.67	18.53	18.58	19.5
BW (MHz)	Mode	Measured Pwr (dBm)			Measured Pwr (dBm)						Tune-up Limit
		630500	633334	636166	647168	650700	654234	657766	661300	664832	
		3457.50 MHz	3500.01 MHz	3542.49 MHz	3707.52 MHz	3760.50 MHz	3813.51 MHz	3866.49 MHz	3919.50 MHz	3972.48 MHz	
15 MHz	SRS CW	19.00	18.95	18.84	18.83	18.66	18.78	18.70	18.55	18.62	19.5
BW (MHz)	Mode	Measured Pwr (dBm)			Measured Pwr (dBm)						Tune-up Limit
		630334	633334	636332	647000	650600	654200	657800	661400	665000	
		3455.01 MHz	3500.01 MHz	3544.98 MHz	3705.00 MHz	3759.00 MHz	3813.00 MHz	3867.00 MHz	3921.00 MHz	3975.00 MHz	
10 MHz	SRS CW	18.95	18.92	18.83	18.81	18.64	18.75	18.67	18.59	18.65	19.5

Notes:

NR TDD mode were measured output power through test mode software provided by manufacturer.

9.5. Wi-Fi 2.4 GHz (DTS Band)

WLAN SISO output power results

Antenna	Mode	Data Rate	Ch #	Freq. (MHz)	Maximum. Average power (dBm)			Reduced. Average power (dBm)		
					Meas. Avg Pwr (dBm)	Max. Tune-up Limit (dBm)	SAR Test (Yes/No)	Meas. Avg Pwr (dBm)	Max. Tune-up Limit (dBm)	SAR Test (Yes/No)
WiFi 2.4G SISO Sub.4	802.11b	1 Mbps	1	2412.0	13.98	15.0	Yes	12.15	13.0	Yes
			6	2437.0	13.93			11.89		
			11	2462.0	14.00			12.19		
	802.11g	6 Mbps	1-11	2412.0-2462.0	Not Required		No	Not Required		No
	802.11n	6.5 Mbps								
	802.11ac	6.5 Mbps								
	802.11ax	7.3 Mbps								
WiFi 2.4G SISO Sub.2	802.11b	1 Mbps	1	2412.0	16.84	18.0	Yes	12.07	13.0	Yes
			6	2437.0	17.22			12.17		
			11	2462.0	17.43			12.16		
	802.11g	6 Mbps	1-11	2412.0-2462.0	Not Required	17.0	No	Not Required		No
	802.11n	6.5 Mbps								
	802.11ac	6.5 Mbps								
	802.11ax	7.3 Mbps								

WLAN MIMO output power results

Antenna	Mode	Data Rate	Ch #	Freq. (MHz)	Maximum. Average power (dBm)			Reduced. Average power (dBm)		
					Meas. Avg Pwr (dBm)	Max. Tune-up Limit (dBm)	SAR Test (Yes/No)	Meas. Avg Pwr (dBm)	Max. Tune-up Limit (dBm)	SAR Test (Yes/No)
WiFi 2.4G MIMO Sub.4	802.11g	6 Mbps	1	2412.0	13.50	14.5	Yes	12.04	13.0	Yes
			2	2417.0	14.10	15.0		Not Required		
			6	2437.0	13.90			11.91		
			11	2462.0	14.11			12.05		
	802.11n	6.5 Mbps	1-11	2412.0-2462.0	Not Required	15.0	No	Not Required		No
	802.11ac	6.5 Mbps								
	802.11ax	7.3 Mbps								
WiFi 2.4G MIMO Sub.2	802.11g	6 Mbps	1	2412.0	16.56	17.5	Yes	12.56	13.0	Yes
			2	2417.0	17.19	18.0		Not Required		
			6	2437.0	17.35			12.61		
			11	2462.0	17.50			12.64		
	802.11n	6.5 Mbps	1-11	2412.0-2462.0	Not Required	18.0	No	Not Required		No
	802.11ac	6.5 Mbps				17.0				
	802.11ax	7.3 Mbps								

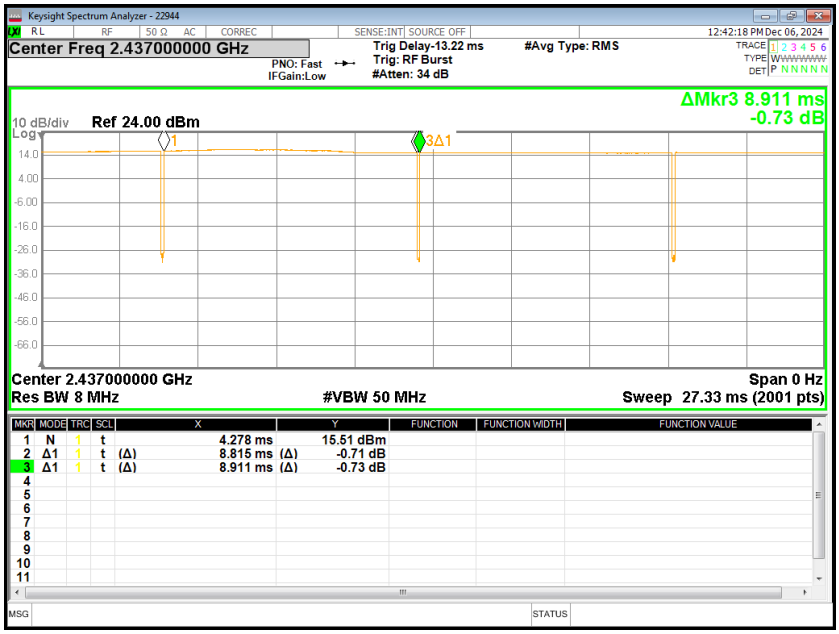
Note(s):

1. SAR is not required for 802.11g/n/ac/ax modes when the adjusted SAR for 802.11b is < 1.2 W/kg.
2. 2.4GHz WLAN MIMO is not supported for 802.11b (DSSS)
3. For "Not required", 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/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.

Duty Factor Measured Results

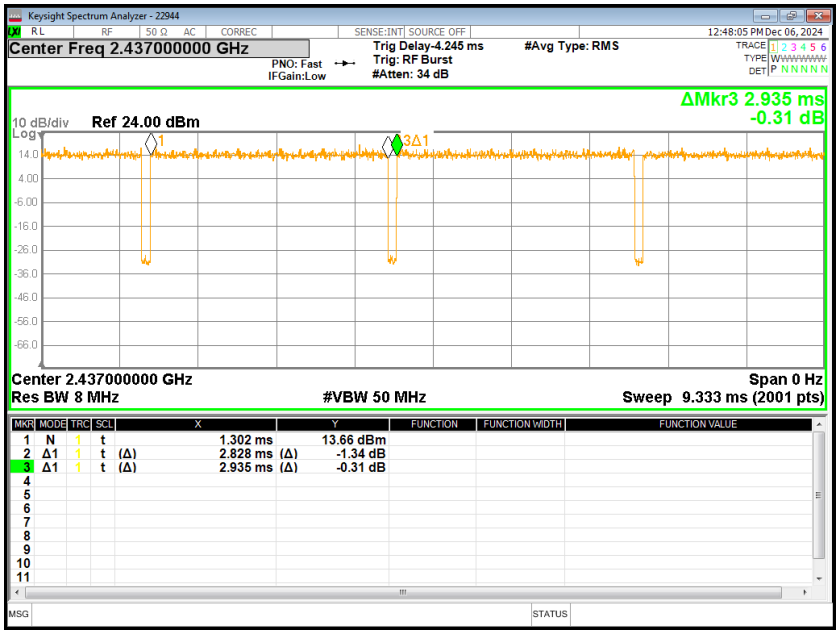
Mode	T on (ms)	Period (ms)	Maximum Duty Cyle	Measured Duty Cycle	Crest Factor (maximum duty/ measured duty cycle)
802.11b	8.815	8.911	100.00%	98.92%	1.01

Duty Cycle plots (802.11b-SISO)



Mode	T on (ms)	Period (ms)	Maximum Duty Cyle	Measured Duty Cycle	Crest Factor (maximum duty/ measured duty cycle)
802.11g	2.828	2.935	100.00%	96.35%	1.04

Duty Cycle plots (802.11g-MIMO)



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

WLAN MIMO Sub.3 Measured Power Results

Antenna	Band (GHz)	Mode	Data Rate	Ch #	Freq. (MHz)	Maximum Allowed Average power (dBm)			Ch #	Freq. (MHz)	Reduced Allowed Average power (dBm)		
						Avg Pwr (dBm)	Max. Tune-up Limit (dBm)	SAR Test (Yes/No)			Avg Pwr (dBm)	Max. Tune-up Limit (dBm)	SAR Test (Yes/No)
5GHz MIMO Sub.3	5.3 (UNII 2A)	802.11a	6 Mbps	Not Required			12.0	No	Not Required			11.0	No
		802.11n (HT20)	6.5 Mbps	Not Required			12.0	No	Not Required			11.0	No
		802.11n (HT40)	13.5 Mbps	Not Required			12.0	No	Not Required			11.0	No
		802.11ac (VHT20)	6.5 Mbps	Not Required			12.0	No	Not Required			11.0	No
		802.11ac (VHT40)	13.5 Mbps	Not Required			12.0	No	Not Required			11.0	No
		802.11ac (VHT80)	29.3 Mbps	58	5290.0	10.84	12.0	Yes	58	5290.0	10.98	11.0	Yes
		802.11ax (HE20)	7.3 Mbps	Not Required			12.0	No	Not Required			11.0	No
		802.11ax (HE40)	14.6 Mbps	Not Required			12.0	No	Not Required			11.0	No
		802.11ax (HE80)	36.0 Mbps	Not Required			12.0	No	Not Required			11.0	No
	5.5 (U-NII 2C)	802.11a	6 Mbps	Not Required			12.0	No	Not Required			11.0	No
		802.11n (HT20)	6.5 Mbps	Not Required			12.0	No	Not Required			11.0	No
		802.11n (HT40)	13.5 Mbps	Not Required			12.0	No	Not Required			11.0	No
		802.11ac (VHT20)	6.5 Mbps	Not Required			12.0	No	Not Required			11.0	No
		802.11ac (VHT40)	13.5 Mbps	Not Required			12.0	No	Not Required			11.0	No
		802.11ac (VHT80)	29.3 Mbps	106	5530.0	10.68	12.0	Yes	106	5530.0	10.94	11.0	Yes
		802.11ax (HE20)	7.3 Mbps	Not Required			12.0	No	Not Required			11.0	No
		802.11ax (HE40)	14.6 Mbps	Not Required			12.0	No	Not Required			11.0	No
		802.11ax (HE80)	36.0 Mbps	Not Required			12.0	No	Not Required			11.0	No
		802.11ax (HE160)	72.0 Mbps	Not Required			12.0	No	Not Required			11.0	No
	5.8 (UNII 3)	802.11a	6 Mbps	Not Required			12.0	No	Not Required			11.0	No
		802.11n (HT20)	6.5 Mbps	Not Required			12.0	No	Not Required			11.0	No
		802.11n (HT40)	13.5 Mbps	Not Required			12.0	No	Not Required			11.0	No
		802.11ac (VHT20)	6.5 Mbps	Not Required			12.0	No	Not Required			11.0	No
		802.11ac (VHT40)	13.5 Mbps	Not Required			12.0	No	Not Required			11.0	No
		802.11ac (VHT80)	29.3 Mbps	155	5775.0	10.83	12.0	Yes	155	5775.0	10.88	11.0	Yes
		802.11ax (HE20)	7.3 Mbps	Not Required			12.0	No	Not Required			11.0	No
		802.11ax (HE40)	14.6 Mbps	Not Required			12.0	No	Not Required			11.0	No
		802.11ax (HE80)	36.0 Mbps	Not Required			12.0	No	Not Required			11.0	No

Note(s):

1. For "Not required", 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/ax mode is used for SAR measurement, on the highest measured output power channel in the initial test configuration, for each frequency band.
2. When the same transmission mode configurations have the same maximum output power on the same channel for the 802.11 a/g/n/ac/ax modes, the channel in the lower order/sequence 802.11 mode (i.e. a, g, n ac then ax) is selected.
3. When the specified maximum output power is the same for both UNII band I and UNII band 2A, begin SAR measurement in UNII band 2A; and if the highest *reported* SAR for UNII band 2A is
   - ≤ 1.2 W/kg, SAR is not required for UNII band I
   - > 1.2 W/kg, both bands should be tested independently for SAR.

WLAN MIMO Sub.5 Measured Power Results

Antenna	Band (GHz)	Mode	Data Rate	Ch #	Freq. (MHz)	Maximum Allowed Average power (dBm)			Ch #	Freq. (MHz)	Reduced Allowed Average power (dBm)		
						Avg Pwr (dBm)	Max. Tune-up Limit (dBm)	SAR Test (Yes/No)			Avg Pwr (dBm)	Max. Tune-up Limit (dBm)	SAR Test (Yes/No)
5GHz MIMO Sub.5	5.3 (UNII 2A)	802.11a	6 Mbps	Not Required			13.0	No	Not Required			12.0	No
		802.11n (HT20)	6.5 Mbps	Not Required			13.0	No	Not Required			12.0	No
		802.11n (HT40)	13.5 Mbps	Not Required			13.0	No	Not Required			12.0	No
		802.11ac (VHT20)	6.5 Mbps	Not Required			13.0	No	Not Required			12.0	No
		802.11ac (VHT40)	13.5 Mbps	Not Required			13.0	No	Not Required			12.0	No
		802.11ac (VHT80)	29.3 Mbps	58	5290.0	12.56	13.0	Yes	58	5290.0	10.20	12.0	Yes
		802.11ax (HE20)	7.3 Mbps	Not Required			13.0	No	Not Required			12.0	No
		802.11ax (HE40)	14.6 Mbps	Not Required			13.0	No	Not Required			12.0	No
		802.11ax (HE80)	36.0 Mbps	Not Required			13.0	No	Not Required			12.0	No
	5.5 (U-NII 2C)	802.11a	6 Mbps	Not Required			13.0	No	Not Required			12.0	No
		802.11n (HT20)	6.5 Mbps	Not Required			13.0	No	Not Required			12.0	No
		802.11n (HT40)	13.5 Mbps	Not Required			13.0	No	Not Required			12.0	No
		802.11ac (VHT20)	6.5 Mbps	Not Required			13.0	No	Not Required			12.0	No
		802.11ac (VHT40)	13.5 Mbps	Not Required			13.0	No	Not Required			12.0	No
		802.11ac (VHT80)	29.3 Mbps	106	5530.0	12.67	13.0	Yes	106	5530.0	10.70	12.0	Yes
		802.11ax (HE20)	7.3 Mbps	Not Required			13.0	No	Not Required			12.0	No
		802.11ax (HE40)	14.6 Mbps	Not Required			13.0	No	Not Required			12.0	No
		802.11ax (HE80)	36.0 Mbps	Not Required			13.0	No	Not Required			12.0	No
		802.11ax (HE160)	72.0 Mbps	Not Required			13.0	No	Not Required			12.0	No
	5.8 (UNII 3)	802.11a	6 Mbps	Not Required			13.0	No	Not Required			12.0	No
		802.11n (HT20)	6.5 Mbps	Not Required			13.0	No	Not Required			12.0	No
		802.11n (HT40)	13.5 Mbps	Not Required			13.0	No	Not Required			12.0	No
		802.11ac (VHT20)	6.5 Mbps	Not Required			13.0	No	Not Required			12.0	No
		802.11ac (VHT40)	13.5 Mbps	Not Required			13.0	No	Not Required			12.0	No
		802.11ac (VHT80)	29.3 Mbps	155	5775.0	12.20	13.0	Yes	155	5775.0	11.60	12.0	Yes
		802.11ax (HE20)	7.3 Mbps	Not Required			13.0	No	Not Required			12.0	No
		802.11ax (HE40)	14.6 Mbps	Not Required			13.0	No	Not Required			12.0	No
		802.11ax (HE80)	36.0 Mbps	Not Required			13.0	No	Not Required			12.0	No

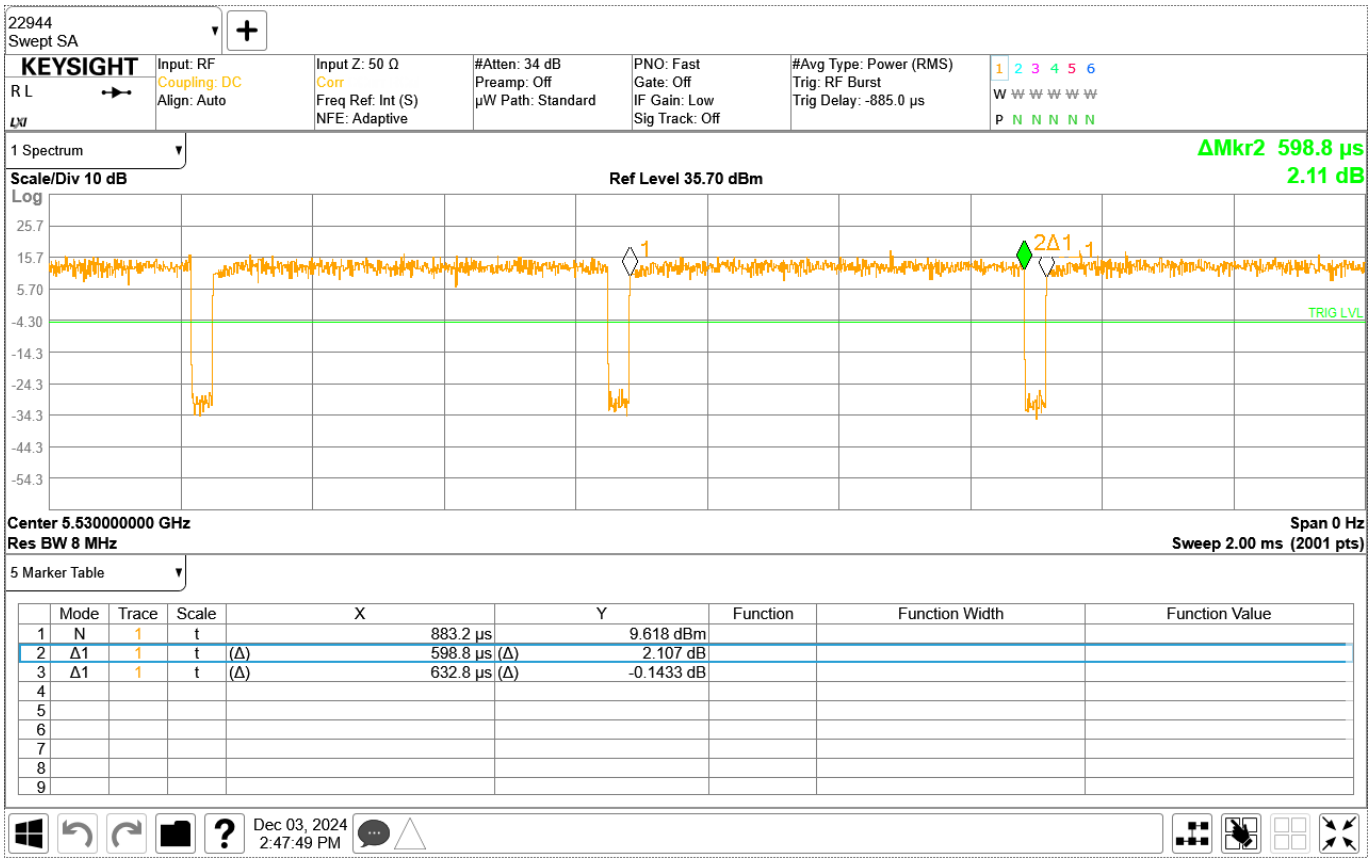
Note(s):

1. For “Not required”, 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/ax mode is used for SAR measurement, on the highest measured output power channel in the initial test configuration, for each frequency band.
2. When the same transmission mode configurations have the same maximum output power on the same channel for the 802.11 a/g/n/ac/ax modes, the channel in the lower order/sequence 802.11 mode (i.e. a, g, n ac then ax) is selected.
3. When the specified maximum output power is the same for both UNII band I and UNII band 2A, begin SAR measurement in UNII band 2A; and if the highest *reported* SAR for UNII band 2A is
   - ≤ 1.2 W/kg, SAR is not required for UNII band I
   - > 1.2 W/kg, both bands should be tested independently for SAR.

Duty Factor Measured Results

Mode	T on (ms)	Period (ms)	Maximum Duty Cyle	Measured Duty Cycle	Crest Factor (maximum duty/ measured duty cycle)
802.11ac VHT80	0.599	0.633	100.00%	94.63%	1.06

Duty Cycle plots (802.11ac VHT80)



9.7. Bluetooth

Bluetooth output power Results

Band (GHz)	Antenna	Mode	Ch #	Freq. (MHz)	Maximum Allowed Average power (dBm)		SAR test
					Meas Pwr	Tune-up Limit	
2.4	BT SISO Sub.4	Bluetooth(BDR) (1Mbps)	0	2402	11.70	12.5	Yes
			39	2441	12.28	13.0	
			78	2480	10.65	11.0	
		Bluetooth(EDR) (2M /3Mbps)	0	2402	Not required	11.0	No
			39	2441		11.5	
			78	2480		10.0	
		Bluetooth(LE) (1M /2Mbps)	0	2402		12.0	No
			19	2440		12.5	
			39	2480		11.0	
		Bluetooth(LE) (125k /500kbps)	0	2402		9.0	No
			19	2440		9.0	
			39	2480		7.5	
	BT SISO Sub.2	Bluetooth(BDR) (1Mbps)	0	2402	9.93	11.0	Yes
			39	2441	9.80		
			78	2480	9.35		
		Bluetooth(EDR) (2M /3Mbps)	0	2402	Not required	9.0	No
			39	2441			
			78	2480			
		Bluetooth(LE) (1M /2Mbps)	0	2402		10.5	No
			19	2440			
			39	2480			
		Bluetooth(LE) (125k /500kbps)	0	2402		N/A	N/A
			19	2440			
			39	2480			

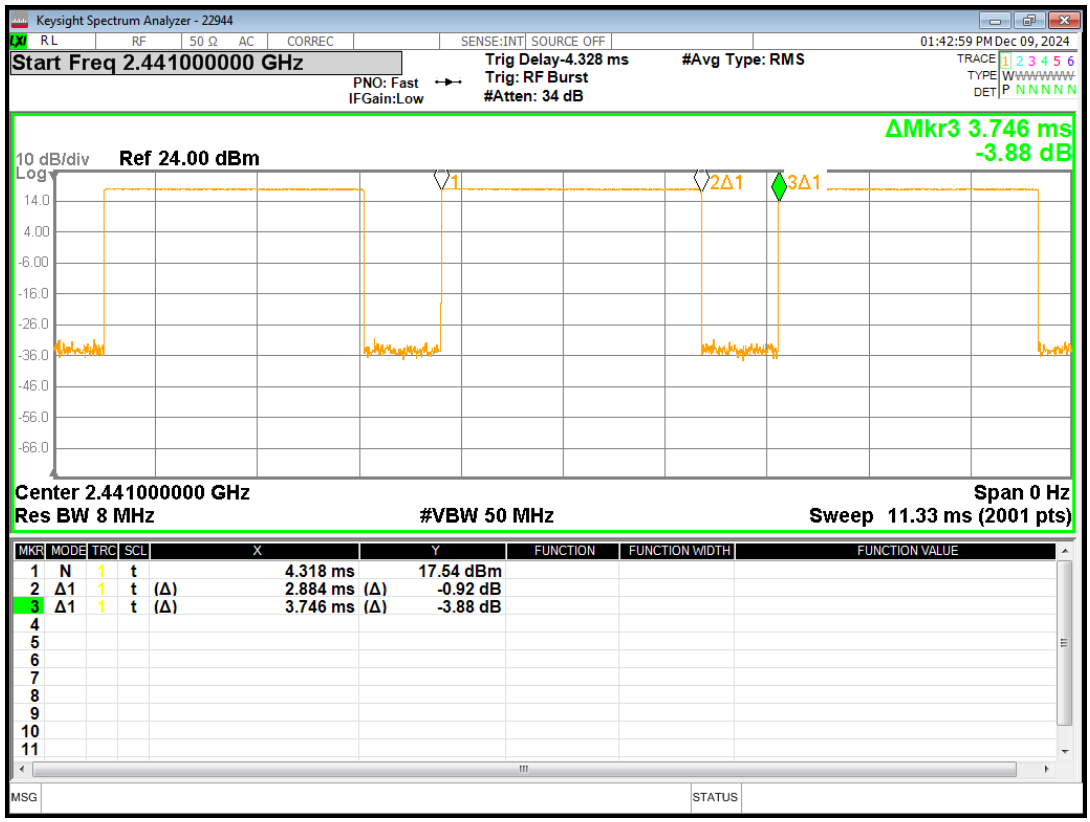
Note(s):

For BT/BLE SISO SAR test, BDR(1Mbps) has highest time-based averaged power in all modes. So SAR test performed at (BDR 1Mbps).

Duty Factor Measured Results

Mode	T on (ms)	Period (ms)	Maximum Duty Cyle	Measured Duty Cycle	Crest Factor (maximum duty/ measured duty cycle)
BT-BDR	2.884	3.746	78.00%	76.99%	1.01

Duty Cycle plots (BT-BDR)



Note(s):

Maximum Duty Cycle is mentioned in Operational description. Detail of BT Duty Cycle refer to Operational description.

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
- Wi-Fi Duty Cycle scaling factor = 1 / Duty cycle (%)
- BT Duty Cycle scaling factor = Maximum Duty cycle / 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.

When the separation distance required for body-worn accessory testing is greater than or equal to that tested for hotspot mode, using the same wireless mode test configuration for voice and data, the hotspot SAR data may be used to support body-worn accessory SAR compliance for that particular configuration.

KDB 648474 D04 Handset SAR (Phablet Only):

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

Additional 1-g SAR testing at 5 mm is not required when hotspot mode 10-g extremity SAR is not required for the surfaces and edges.

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. GSM 850

Antenna Group	Antenna	RF Exposure Condition	Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Tune-up Limit (dBm)	Meas. (dBm)	Meas. 1g (W/kg)	Reported. 1g (W/kg)	Plot No.	Part0 Plimit	Minimum Plimit
AG.0	Main.1	Head	GPRS 2 slots	0	Left Touch	190	836.6	32.50	31.90	0.193	0.222		39.04	38.03
AG.0	Main.1	Head	GPRS 2 slots	0	Left Tilt	190	836.6	32.50	31.90	0.127	0.103		40.86	
AG.0	Main.1	Head	GPRS 2 slots	0	Right Touch	190	836.6	32.50	31.90	0.244	0.280	1	38.03	
AG.0	Main.1	Head	GPRS 2 slots	0	Right Tilt	190	836.6	32.50	31.90	0.146	0.168		40.26	
AG.0	Main.1	Body worn & Hotspot	GPRS 1 slot	5	Rear	190	836.6	31.00	29.55	0.446	0.623	2	33.06	33.06
AG.0	Main.1	Body worn & Hotspot	GPRS 1 slot	5	Front	190	836.6	31.00	29.55	0.215	0.300		36.23	
AG.0	Main.1	Hotspot	GPRS 1 slot	5	Bottom	190	836.6	31.00	29.55	0.317	0.443		34.54	
AG.0	Main.1	Hotspot	GPRS 1 slot	5	Right	190	836.6	31.00	29.55	0.173	0.242		37.17	

10.2. GSM 1900

Antenna Group	Antenna	RF Exposure Condition	Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Tune-up Limit (dBm)	Meas. (dBm)	Meas. 1g (W/kg)	Reported. 1g (W/kg)	Plot No.	Part0 Plimit	Minimum Plimit
AG.0	Main.2	Head	GPRS 3 slots	0	Left Touch	661	1880.0	27.00	25.43	0.067	0.096	3	37.17	37.17
AG.0	Main.2	Head	GPRS 3 slots	0	Left Tilt	661	1880.0	27.00	25.43	0.033	0.047		40.24	
AG.0	Main.2	Head	GPRS 3 slots	0	Right Touch	661	1880.0	27.00	25.43	0.050	0.072		38.44	
AG.0	Main.2	Head	GPRS 3 slots	0	Right Tilt	661	1880.0	27.00	25.43	0.047	0.067		38.71	
AG.0	Main.2	Body worn & Hotspot	GPRS 4 slots	5	Rear	661	1880.0	23.00	21.60	0.415	0.573	4	25.42	25.42
AG.0	Main.2	Body worn & Hotspot	GPRS 4 slots	5	Front	661	1880.0	23.00	21.60	0.234	0.323		27.91	
AG.0	Main.2	Hotspot	GPRS 4 slots	5	Left	661	1880.0	23.00	21.60	0.079	0.109		32.62	
AG.0	Main.2	Hotspot	GPRS 4 slots	5	Bottom	661	1880.0	23.00	21.60	0.285	0.393		27.05	

10.3. WCDMA Band II

Antenna Group	Antenna	RF Exposure Condition	Mode	Dist. (mm)	Test Position	Channel	Freq. (MHz)	Tune-up Limit (dBm)	Measured Power (dBm)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)	Plot No.	Part0 Plimit	Minimum Plimit
AG.0	Main.2	Head	Rel 99 RMC	0	Left Touch	9400	1880.0	21.50	19.71	0.059	0.089	5	32.00	32.00
AG.0	Main.2	Head	Rel 99 RMC	0	Left Tilt	9400	1880.0	21.50	19.71	0.036	0.055		34.15	
AG.0	Main.2	Head	Rel 99 RMC	0	Right Touch	9400	1880.0	21.50	19.71	0.044	0.067		33.28	
AG.0	Main.2	Head	Rel 99 RMC	0	Right Tilt	9400	1880.0	21.50	19.71	0.036	0.054		34.15	
AG.0	Main.2	Body worn & Hotspot	Rel 99 RMC	5	Rear	9262	1852.4	20.00	18.63	0.572	0.784		21.06	19.72
AG.0	Main.2	Body worn & Hotspot	Rel 99 RMC	5	Rear	9400	1880.0	20.00	18.45	0.658	0.940		20.27	
AG.0	Main.2	Body worn & Hotspot	Rel 99 RMC	5	Rear	9538	1907.6	20.00	18.54	0.762	1.066	6	19.72	
AG.0	Main.2	Body worn & Hotspot	Rel 99 RMC	5	Front	9400	1880.0	20.00	18.45	0.285	0.407		23.90	
AG.0	Main.2	Hotspot	Rel 99 RMC	5	Left	9400	1880.0	20.00	18.45	0.221	0.316		25.01	
AG.0	Main.2	Hotspot	Rel 99 RMC	5	Bottom	9400	1880.0	20.00	18.45	0.428	0.612		22.14	

10.4. WCDMA Band IV

Antenna Group	Antenna	RF Exposure Condition	Mode	Dist. (mm)	Test Position	Channel	Freq. (MHz)	Tune-up Limit (dBm)	Measured Power (dBm)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)	Plot No.	Part0 Plimit	Minimum Plimit
AG.0	Main.2	Head	Rel 99 RMC	0	Left Touch	1413	1732.6	22.00	20.41	0.094	0.135	7	30.69	30.69
AG.0	Main.2	Head	Rel 99 RMC	0	Left Tilt	1413	1732.6	22.00	20.41	0.051	0.074		33.30	
AG.0	Main.2	Head	Rel 99 RMC	0	Right Touch	1413	1732.6	22.00	20.41	0.086	0.125		31.04	
AG.0	Main.2	Head	Rel 99 RMC	0	Right Tilt	1413	1732.6	22.00	20.41	0.048	0.069		33.63	
AG.0	Main.2	Body worn & Hotspot	Rel 99 RMC	5	Rear	1312	1712.4	22.00	20.68	0.757	1.026		21.89	21.60
AG.0	Main.2	Body worn & Hotspot	Rel 99 RMC	5	Rear	1413	1732.6	22.00	20.41	0.744	1.073		21.69	
AG.0	Main.2	Body worn & Hotspot	Rel 99 RMC	5	Rear	1513	1752.6	22.00	20.26	0.734	1.096	8	21.60	
AG.0	Main.2	Body worn & Hotspot	Rel 99 RMC	5	Front	1413	1732.6	22.00	20.41	0.374	0.539		24.68	
AG.0	Main.2	Hotspot	Rel 99 RMC	5	Left	1413	1732.6	22.00	20.41	0.265	0.382		26.18	
AG.0	Main.2	Hotspot	Rel 99 RMC	5	Bottom	1312	1712.4	22.00	20.68	0.600	0.813		22.90	
AG.0	Main.2	Hotspot	Rel 99 RMC	5	Bottom	1413	1732.6	22.00	20.41	0.574	0.828		22.82	
AG.0	Main.2	Hotspot	Rel 99 RMC	5	Bottom	1513	1752.6	22.00	20.26	0.578	0.863		22.64	

10.5. WCDMA Band V

Antenna Group	Antenna	RF Exposure Condition	Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Tune-up Limit (dBm)	Meas. (dBm)	Meas. 1g (W/kg)	Reported. 1g (W/kg)	Plot No.	Part0 Plimit	Minimum Plimit
AG.0	Main.1	Head	Rel 99 RMC	0	Left Touch	4183	836.6	24.50	24.24	0.183	0.194		31.62	30.17
AG.0	Main.1	Head	Rel 99 RMC	0	Left Tilt	4183	836.6	24.50	24.24	0.125	0.133		33.27	
AG.0	Main.1	Head	Rel 99 RMC	0	Right Touch	4183	836.6	24.50	24.24	0.255	0.271	9	30.17	
AG.0	Main.1	Head	Rel 99 RMC	0	Right Tilt	4183	836.6	24.50	24.24	0.166	0.176		32.04	
AG.0	Main.1	Body worn & Hotspot	Rel 99 RMC	5	Rear	4132	826.4	24.50	24.13	1.080	1.176		23.80	23.58
AG.0	Main.1	Body worn & Hotspot	Rel 99 RMC	5	Rear	4183	836.6	24.50	24.24	1.120	1.189		23.75	
AG.0	Main.1	Body worn & Hotspot	Rel 99 RMC	5	Rear	4233	846.6	24.50	24.11	1.130	1.236	10	23.58	
AG.0	Main.1	Body worn & Hotspot	Rel 99 RMC	5	Front	4183	836.6	24.50	24.24	0.625	0.664		26.28	
AG.0	Main.1	Hotspot	Rel 99 RMC	5	Bottom	4132	826.4	24.50	24.13	0.794	0.865		25.13	
AG.0	Main.1	Hotspot	Rel 99 RMC	5	Bottom	4183	836.6	24.50	24.24	0.895	0.950		24.72	
AG.0	Main.1	Hotspot	Rel 99 RMC	5	Bottom	4233	846.6	24.50	24.11	0.877	0.959		24.68	
AG.0	Main.1	Hotspot	Rel 99 RMC	5	Right	4183	836.6	24.50	24.24	0.380	0.403		28.44	
AG.0	Main.1	Body worn (with Headset)	Rel 99 RMC	5	Rear	4233	846.6	24.50	24.11	1.080	1.189		23.78	23.78

10.6. LTE Band 71 (20MHz Bandwidth)

Antenna Group	Antenna	RF Exposure Condition	Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Tune-up Limit (dBm)	Meas. (dBm)	Meas. 1g (W/kg)	Reported. 1g (W/kg)	Plot No.	Part0 Plimit	Minimum Plimit
AG.0	Main.1	Head	QPSK	0	Left Touch	133297	680.5	1	49	25.50	24.12	0.089	0.122		34.63	33.91
AG.0	Main.1	Head	QPSK	0	Left Touch	133297	680.5	50	24	24.50	23.30	0.055	0.073		35.90	
AG.0	Main.1	Head	QPSK	0	Left Tilt	133297	680.5	1	49	25.50	24.12	0.065	0.089		35.99	
AG.0	Main.1	Head	QPSK	0	Left Tilt	133297	680.5	50	24	24.50	23.30	0.039	0.051		37.39	
AG.0	Main.1	Head	QPSK	0	Right Touch	133297	680.5	1	49	25.50	24.12	0.105	0.144	11	33.91	
AG.0	Main.1	Head	QPSK	0	Right Touch	133297	680.5	50	24	24.50	23.30	0.074	0.098		34.61	
AG.0	Main.1	Head	QPSK	0	Right Tilt	133297	680.5	1	49	25.50	24.12	0.062	0.085		36.20	
AG.0	Main.1	Head	QPSK	0	Right Tilt	133297	680.5	50	24	24.50	23.30	0.038	0.050		37.50	
AG.0	Main.1	Body worn & Hotspot	QPSK	5	Rear	133297	680.5	1	49	25.50	24.12	0.298	0.409		29.38	28.96
AG.0	Main.1	Body worn & Hotspot	QPSK	5	Rear	133297	680.5	50	24	24.50	23.30	0.239	0.315		29.52	
AG.0	Main.1	Body worn & Hotspot	QPSK	5	Front	133297	680.5	1	49	25.50	24.12	0.266	0.365		29.87	
AG.0	Main.1	Body worn & Hotspot	QPSK	5	Front	133297	680.5	50	24	24.50	23.30	0.209	0.276		30.10	
AG.0	Main.1	Hotspot	QPSK	5	Left	133297	680.5	1	49	25.50	24.12	0.116	0.159		33.48	
AG.0	Main.1	Hotspot	QPSK	5	Left	133297	680.5	50	24	24.50	23.30	0.092	0.121		33.66	
AG.0	Main.1	Hotspot	QPSK	5	Bottom	133297	680.5	1	49	25.50	24.12	0.301	0.414		29.33	
AG.0	Main.1	Hotspot	QPSK	5	Bottom	133297	680.5	50	24	24.50	23.30	0.242	0.319		29.46	
AG.0	Main.1	Hotspot	QPSK	5	Right	133297	680.5	1	49	25.50	24.12	0.328	0.451	12	28.96	
AG.0	Main.1	Hotspot	QPSK	5	Right	133297	680.5	50	24	24.50	23.30	0.265	0.349		29.07	

Note(s):

When the reported SAR for a 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 the body-worn accessory with a headset attached to the handset.

10.7. LTE Band 12 (10MHz Bandwidth)

Antenna Group	Antenna	RF Exposure Condition	Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Tune-up Limit (dBm)	Meas. (dBm)	Meas. 1g (W/kg)	Reported. 1g (W/kg)	Plot No.	Part0 Plimit	Minimum Plimit
AG.0	Main.1	Head	QPSK	0	Left Touch	23095	707.5	1	25	25.50	24.62	0.089	0.109		35.13	33.04
AG.0	Main.1	Head	QPSK	0	Left Touch	23095	707.5	25	12	24.50	23.72	0.072	0.086		35.15	
AG.0	Main.1	Head	QPSK	0	Left Tilt	23095	707.5	1	25	25.50	24.62	0.066	0.081		36.42	
AG.0	Main.1	Head	QPSK	0	Left Tilt	23095	707.5	25	12	24.50	23.72	0.053	0.063		36.48	
AG.0	Main.1	Head	QPSK	0	Right Touch	23095	707.5	1	25	25.50	24.62	0.144	0.176	13	33.04	
AG.0	Main.1	Head	QPSK	0	Right Touch	23095	707.5	25	12	24.50	23.72	0.095	0.114		33.94	
AG.0	Main.1	Head	QPSK	0	Right Tilt	23095	707.5	1	25	25.50	24.62	0.077	0.094		35.76	
AG.0	Main.1	Head	QPSK	0	Right Tilt	23095	707.5	25	12	24.50	23.72	0.058	0.069		36.09	
AG.0	Main.1	Body worn & Hotspot	QPSK	5	Rear	23095	707.5	1	25	23.50	23.14	0.344	0.374		27.77	27.67
AG.0	Main.1	Body worn & Hotspot	QPSK	5	Rear	23095	707.5	25	12	23.50	23.07	0.269	0.297		28.77	
AG.0	Main.1	Body worn & Hotspot	QPSK	5	Front	23095	707.5	1	25	23.50	23.14	0.317	0.344		28.13	
AG.0	Main.1	Body worn & Hotspot	QPSK	5	Front	23095	707.5	25	12	23.50	23.07	0.250	0.276		29.09	
AG.0	Main.1	Hotspot	QPSK	5	Left	23095	707.5	1	25	23.50	23.14	0.110	0.120		32.73	
AG.0	Main.1	Hotspot	QPSK	5	Left	23095	707.5	25	12	23.50	23.07	0.091	0.100		33.48	
AG.0	Main.1	Hotspot	QPSK	5	Bottom	23095	707.5	1	25	23.50	23.14	0.352	0.382	14	27.67	
AG.0	Main.1	Hotspot	QPSK	5	Bottom	23095	707.5	25	12	23.50	23.07	0.276	0.305		28.66	
AG.0	Main.1	Hotspot	QPSK	5	Right	23095	707.5	1	25	23.50	23.14	0.297	0.323		28.41	
AG.0	Main.1	Hotspot	QPSK	5	Right	23095	707.5	25	12	23.50	23.07	0.231	0.255		29.43	

10.8. LTE Band 13 (10MHz Bandwidth)

Antenna Group	Antenna	RF Exposure Condition	Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Tune-up Limit (dBm)	Meas. (dBm)	Meas. 1g (W/kg)	Reported. 1g (W/kg)	Plot No.	Part0 Plimit	Minimum Plimit
AG.0	Main.1	Head	QPSK	0	Left Touch	23230	782.0	1	0	25.50	24.36	0.104	0.135		34.19	32.51
AG.0	Main.1	Head	QPSK	0	Left Touch	23230	782.0	25	0	24.50	23.60	0.080	0.098		34.57	
AG.0	Main.1	Head	QPSK	0	Left Tilt	23230	782.0	1	0	25.50	24.36	0.068	0.088		36.03	
AG.0	Main.1	Head	QPSK	0	Left Tilt	23230	782.0	25	0	24.50	23.60	0.053	0.065		36.36	
AG.0	Main.1	Head	QPSK	0	Right Touch	23230	782.0	1	0	25.50	24.36	0.153	0.199	15	32.51	
AG.0	Main.1	Head	QPSK	0	Right Touch	23230	782.0	25	0	24.50	23.60	0.109	0.134		33.23	
AG.0	Main.1	Head	QPSK	0	Right Tilt	23230	782.0	1	0	25.50	24.36	0.085	0.111		35.07	
AG.0	Main.1	Head	QPSK	0	Right Tilt	23230	782.0	25	0	24.50	23.60	0.066	0.081		35.40	
AG.0	Main.1	Body worn & Hotspot	QPSK	5	Rear	23230	782.0	1	0	23.50	22.89	0.459	0.528		26.27	26.20
AG.0	Main.1	Body worn & Hotspot	QPSK	5	Rear	23230	782.0	25	0	23.50	22.87	0.365	0.422		27.25	
AG.0	Main.1	Body worn & Hotspot	QPSK	5	Front	23230	782.0	1	0	23.50	22.89	0.387	0.445		27.01	
AG.0	Main.1	Body worn & Hotspot	QPSK	5	Front	23230	782.0	25	0	23.50	22.87	0.309	0.357		27.97	
AG.0	Main.1	Hotspot	QPSK	5	Left	23230	782.0	1	0	23.50	22.89	0.195	0.224		29.99	
AG.0	Main.1	Hotspot	QPSK	5	Left	23230	782.0	25	0	23.50	22.87	0.158	0.183		30.88	
AG.0	Main.1	Hotspot	QPSK	5	Bottom	23230	782.0	1	0	23.50	22.89	0.467	0.537	16	26.20	
AG.0	Main.1	Hotspot	QPSK	5	Bottom	23230	782.0	25	0	23.50	22.87	0.373	0.431		27.15	
AG.0	Main.1	Hotspot	QPSK	5	Right	23230	782.0	1	0	23.50	22.89	0.421	0.484		26.65	
AG.0	Main.1	Hotspot	QPSK	5	Right	23230	782.0	25	0	23.50	22.87	0.342	0.395		27.53	

10.9. LTE Band 14 (10MHz Bandwidth)

Antenna Group	Antenna	RF Exposure Condition	Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Tune-up Limit (dBm)	Meas. (dBm)	Meas. 1g (W/kg)	Reported. 1g (W/kg)	Plot No.	Part0 Plimit	Minimum Plimit
AG.0	Main.1	Head	QPSK	0	Left Touch	23330	793.0	1	25	25.50	24.12	0.113	0.155		33.59	31.66
AG.0	Main.1	Head	QPSK	0	Left Touch	23330	793.0	25	12	24.50	23.18	0.090	0.122		33.64	
AG.0	Main.1	Head	QPSK	0	Left Tilt	23330	793.0	1	25	25.50	24.12	0.074	0.102		35.43	
AG.0	Main.1	Head	QPSK	0	Left Tilt	23330	793.0	25	12	24.50	23.18	0.061	0.083		35.33	
AG.0	Main.1	Head	QPSK	0	Right Touch	23330	793.0	1	25	25.50	24.12	0.176	0.242	17	31.66	
AG.0	Main.1	Head	QPSK	0	Right Touch	23330	793.0	25	12	24.50	23.18	0.120	0.163		32.39	
AG.0	Main.1	Head	QPSK	0	Right Tilt	23330	793.0	1	25	25.50	24.12	0.092	0.126		34.48	
AG.0	Main.1	Head	QPSK	0	Right Tilt	23330	793.0	25	12	24.50	23.18	0.071	0.096		34.67	
AG.0	Main.1	Body worn & Hotspot	QPSK	5	Rear	23330	793.0	1	25	25.50	24.12	0.540	0.742	18	26.80	26.80
AG.0	Main.1	Body worn & Hotspot	QPSK	5	Rear	23330	793.0	25	12	24.50	23.18	0.425	0.576		26.90	
AG.0	Main.1	Body worn & Hotspot	QPSK	5	Front	23330	793.0	1	25	25.50	24.12	0.453	0.622		27.56	
AG.0	Main.1	Body worn & Hotspot	QPSK	5	Front	23330	793.0	25	12	24.50	23.18	0.354	0.480		27.69	
AG.0	Main.1	Hotspot	QPSK	5	Left	23330	793.0	1	25	25.50	24.12	0.210	0.289		30.90	
AG.0	Main.1	Hotspot	QPSK	5	Left	23330	793.0	25	12	24.50	23.18	0.167	0.226		30.95	
AG.0	Main.1	Hotspot	QPSK	5	Bottom	23330	793.0	1	25	25.50	24.12	0.520	0.715		26.96	
AG.0	Main.1	Hotspot	QPSK	5	Bottom	23330	793.0	25	12	24.50	23.18	0.410	0.556		27.05	
AG.0	Main.1	Hotspot	QPSK	5	Right	23330	793.0	1	25	25.50	24.12	0.446	0.613		27.63	
AG.0	Main.1	Hotspot	QPSK	5	Right	23330	793.0	25	12	24.50	23.18	0.351	0.476		27.73	

10.10. LTE Band 26 (15MHz Bandwidth)

Antenna Group	Antenna	RF Exposure Condition	Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Tune-up Limit (dBm)	Meas. (dBm)	Meas. 1g (W/kg)	Reported. 1g (W/kg)	Plot No.	Part0 Plimit	Minimum Plimit
AG.0	Main.1	Head	QPSK	0	Left Touch	26865	831.5	1	0	25.50	24.22	0.069	0.093		35.83	34.64
AG.0	Main.1	Head	QPSK	0	Left Touch	26865	831.5	36	0	24.50	23.03	0.060	0.084		35.25	
AG.0	Main.1	Head	QPSK	0	Left Tilt	26865	831.5	1	0	25.50	24.22	0.087	0.117	19	34.82	
AG.0	Main.1	Head	QPSK	0	Left Tilt	26865	831.5	36	0	24.50	23.03	0.069	0.097		34.64	
AG.0	Main.1	Head	QPSK	0	Right Touch	26865	831.5	1	0	25.50	24.22	0.077	0.103		35.36	
AG.0	Main.1	Head	QPSK	0	Right Touch	26865	831.5	36	0	24.50	23.03	0.069	0.097		34.64	
AG.0	Main.1	Head	QPSK	0	Right Tilt	26865	831.5	1	0	25.50	24.22	0.045	0.060		37.69	
AG.0	Main.1	Head	QPSK	0	Right Tilt	26865	831.5	36	0	24.50	23.03	0.039	0.055		37.12	
AG.0	Main.1	Body worn & Hotspot	QPSK	5	Rear	26865	831.5	1	0	24.00	22.69	0.866	1.171		23.31	23.23
AG.0	Main.1	Body worn & Hotspot	QPSK	5	Rear	26865	831.5	36	0	24.00	22.52	0.650	0.914		24.39	
AG.0	Main.1	Body worn & Hotspot	QPSK	5	Rear	26865	831.5	75	0	24.00	23.09	0.598	0.737		25.32	
AG.0	Main.1	Body worn & Hotspot	QPSK	5	Front	26865	831.5	1	0	24.00	22.69	0.432	0.584		26.34	
AG.0	Main.1	Body worn & Hotspot	QPSK	5	Front	26865	831.5	36	0	24.00	22.52	0.313	0.44		27.56	
AG.0	Main.1	Hotspot	QPSK	5	Bottom	26865	831.5	1	0	24.00	22.69	0.883	1.194	20	23.23	
AG.0	Main.1	Hotspot	QPSK	5	Bottom	26865	831.5	36	0	24.00	22.52	0.677	0.952		24.21	
AG.0	Main.1	Hotspot	QPSK	5	Bottom	26865	831.5	75	0	24.00	23.09	0.543	0.670		25.74	
AG.0	Main.1	Hotspot	QPSK	5	Right	26865	831.5	1	0	24.00	22.69	0.307	0.415		27.82	
AG.0	Main.1	Hotspot	QPSK	5	Right	26865	831.5	36	0	24.00	22.52	0.225	0.316		29.00	

10.11. LTE Band 66 (20MHz Bandwidth)

Antenna Group	Antenna	RF Exposure Condition	Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Tune-up Limit (dBm)	Measured Power (dBm)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)	Plot No.	Part0 Plimit	Minimum Plimit
AG.0	Main.2	Head	QPSK	0	Left Touch	132072	1720.0	1	0	25.00	23.29	0.084	0.125		34.05	34.05
AG.0	Main.2	Head	QPSK	0	Left Touch	132072	1720.0	50	0	24.00	22.26	0.064	0.095		34.20	
AG.0	Main.2	Head	QPSK	0	Left Tilt	132072	1720.0	1	0	25.00	23.29	0.062	0.092		35.37	
AG.0	Main.2	Head	QPSK	0	Left Tilt	132072	1720.0	50	0	24.00	22.26	0.044	0.066		35.83	
AG.0	Main.2	Head	QPSK	0	Right Touch	132072	1720.0	1	0	25.00	23.29	0.081	0.120		34.21	
AG.0	Main.2	Head	QPSK	0	Right Touch	132072	1720.0	50	0	24.00	22.26	0.063	0.094		34.27	
AG.0	Main.2	Head	QPSK	0	Right Tilt	132072	1720.0	1	0	25.00	23.29	0.057	0.085		35.73	
AG.0	Main.2	Head	QPSK	0	Right Tilt	132072	1720.0	50	0	24.00	22.26	0.042	0.063		36.03	
AG.0	Main.2	Body worn & Hotspot	QPSK	5	Rear	132072	1720.0	1	0	19.00	18.27	0.682	0.807		19.93	19.70
AG.0	Main.2	Body worn & Hotspot	QPSK	5	Rear	132072	1720.0	50	0	19.00	18.23	0.684	0.817		19.88	
AG.0	Main.2	Body worn & Hotspot	QPSK	5	Rear	132072	1720.0	100	0	19.00	18.22	0.664	0.795		20.00	
AG.0	Main.2	Body worn & Hotspot	QPSK	5	Rear	132322	1745.0	1	0	19.00	18.06	0.650	0.807		19.93	
AG.0	Main.2	Body worn & Hotspot	QPSK	5	Rear	132322	1745.0	50	0	19.00	18.02	0.655	0.821		19.86	
AG.0	Main.2	Body worn & Hotspot	QPSK	5	Rear	132572	1770.0	1	0	19.00	18.03	0.675	0.844		19.74	
AG.0	Main.2	Body worn & Hotspot	QPSK	5	Rear	132572	1770.0	50	0	19.00	18.04	0.683	0.852	21	19.70	
AG.0	Main.2	Body worn & Hotspot	QPSK	5	Front	132072	1720.0	1	0	19.00	18.27	0.208	0.246		25.09	
AG.0	Main.2	Body worn & Hotspot	QPSK	5	Front	132072	1720.0	50	0	19.00	18.23	0.206	0.246		25.09	
AG.0	Main.2	Hotspot	QPSK	5	Left	132072	1720.0	1	0	19.00	18.27	0.185	0.219		25.60	
AG.0	Main.2	Hotspot	QPSK	5	Left	132072	1720.0	50	0	19.00	18.23	0.183	0.218		25.61	
AG.0	Main.2	Hotspot	QPSK	5	Bottom	132072	1720.0	1	0	19.00	18.27	0.363	0.429		22.67	
AG.0	Main.2	Hotspot	QPSK	5	Bottom	132072	1720.0	50	0	19.00	18.23	0.358	0.427		22.69	

Antenna Group	Antenna	RF Exposure Condition	Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Tune-up Limit (dBm)	Meas. (dBm)	Meas. 1g (W/kg)	Reported. 1g (W/kg)	Plot No.	Part0 Plimit	Minimum Plimit
AG.1	Sub.2	Head	QPSK	0	Left Touch	132072	1720.0	1	0	18.50	18.13	0.345	0.376		22.75	20.78
AG.1	Sub.2	Head	QPSK	0	Left Touch	132072	1720.0	50	0	18.50	18.16	0.333	0.360		22.94	
AG.1	Sub.2	Head	QPSK	0	Left Tilt	132072	1720.0	1	0	18.50	18.13	0.396	0.431		22.15	
AG.1	Sub.2	Head	QPSK	0	Left Tilt	132072	1720.0	50	0	18.50	18.16	0.386	0.417		22.29	
AG.1	Sub.2	Head	QPSK	0	Right Touch	132072	1720.0	1	0	18.50	18.13	0.543	0.591	22	20.78	
AG.1	Sub.2	Head	QPSK	0	Right Touch	132072	1720.0	50	0	18.50	18.16	0.529	0.572		20.93	
AG.1	Sub.2	Head	QPSK	0	Right Tilt	132072	1720.0	1	0	18.50	18.13	0.541	0.589		20.80	
AG.1	Sub.2	Head	QPSK	0	Right Tilt	132072	1720.0	50	0	18.50	18.16	0.529	0.572		20.93	
AG.1	Sub.2	Body worn & Hotspot	QPSK	5	Rear	132072	1720.0	1	0	18.00	17.24	0.532	0.634		19.98	19.49
AG.1	Sub.2	Body worn & Hotspot	QPSK	5	Rear	132072	1720.0	50	0	18.00	17.15	0.510	0.620		20.07	
AG.1	Sub.2	Body worn & Hotspot	QPSK	5	Front	132072	1720.0	1	0	18.00	17.24	0.340	0.405		21.93	
AG.1	Sub.2	Body worn & Hotspot	QPSK	5	Front	132072	1720.0	50	0	18.00	17.15	0.313	0.381		22.19	
AG.1	Sub.2	Hotspot	QPSK	5	Top	132072	1720.0	1	0	18.00	17.24	0.596	0.710		19.49	
AG.1	Sub.2	Hotspot	QPSK	5	Top	132072	1720.0	50	0	18.00	17.15	0.579	0.704		19.52	
AG.1	Sub.2	Hotspot	QPSK	5	Left	132072	1720.0	1	0	18.00	17.24	0.126	0.150		26.24	
AG.1	Sub.2	Hotspot	QPSK	5	Left	132072	1720.0	50	0	18.00	17.15	0.118	0.144		26.43	

10.12. LTE Band 25 (20MHz Bandwidth)

Antenna Group	Antenna	RF Exposure Condition	Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Tune-up Limit (dBm)	Measured Power (dBm)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)	Plot No.	Part0 Plimit	Minimum Plimit
AG.0	Main.2	Head	QPSK	0	Left Touch	26140	1860.0	1	0	25.00	23.85	0.081	0.106		34.77	34.21
AG.0	Main.2	Head	QPSK	0	Left Touch	26140	1860.0	50	0	24.00	22.54	0.068	0.095		34.21	
AG.0	Main.2	Head	QPSK	0	Left Tilt	26140	1860.0	1	0	25.00	23.85	0.063	0.082		35.86	
AG.0	Main.2	Head	QPSK	0	Left Tilt	26140	1860.0	50	0	24.00	22.54	0.047	0.066		35.82	
AG.0	Main.2	Head	QPSK	0	Right Touch	26140	1860.0	1	0	25.00	23.85	0.058	0.076		36.22	
AG.0	Main.2	Head	QPSK	0	Right Touch	26140	1860.0	50	0	24.00	22.54	0.047	0.066		35.82	
AG.0	Main.2	Head	QPSK	0	Right Tilt	26140	1860.0	1	0	25.00	23.85	0.073	0.095		35.22	
AG.0	Main.2	Head	QPSK	0	Right Tilt	26140	1860.0	50	0	24.00	22.54	0.057	0.079		34.98	
AG.0	Main.2	Body worn & Hotspot	QPSK	5	Rear	26140	1860.0	1	0	20.00	18.50	0.409	0.578		22.38	22.38
AG.0	Main.2	Body worn & Hotspot	QPSK	5	Rear	26140	1860.0	50	0	20.00	18.53	0.399	0.560		22.52	
AG.0	Main.2	Body worn & Hotspot	QPSK	5	Front	26140	1860.0	1	0	20.00	18.50	0.185	0.261		25.83	
AG.0	Main.2	Body worn & Hotspot	QPSK	5	Front	26140	1860.0	50	0	20.00	18.53	0.181	0.254		25.95	
AG.0	Main.2	Hotspot	QPSK	5	Left	26140	1860.0	1	0	20.00	18.50	0.149	0.210		26.77	
AG.0	Main.2	Hotspot	QPSK	5	Left	26140	1860.0	50	0	20.00	18.53	0.143	0.201		26.98	
AG.0	Main.2	Hotspot	QPSK	5	Bottom	26140	1860.0	1	0	20.00	18.50	0.261	0.369		24.33	
AG.0	Main.2	Hotspot	QPSK	5	Bottom	26140	1860.0	50	0	20.00	18.53	0.256	0.359		24.45	

Antenna Group	Antenna	RF Exposure Condition	Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Tune-up Limit (dBm)	Measured Power (dBm)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)	Plot No.	Part0 Plimit	Minimum Plimit
AG.1	Sub.2	Head	QPSK	0	Left Touch	26140	1860.0	1	49	19.50	18.44	0.257	0.328		24.34	22.22
AG.1	Sub.2	Head	QPSK	0	Left Touch	26140	1860.0	50	24	19.50	18.66	0.269	0.326		24.36	
AG.1	Sub.2	Head	QPSK	0	Left Tilt	26140	1860.0	1	49	19.50	18.44	0.294	0.375		23.76	
AG.1	Sub.2	Head	QPSK	0	Left Tilt	26140	1860.0	50	24	19.50	18.66	0.300	0.364		23.89	
AG.1	Sub.2	Head	QPSK	0	Right Touch	26140	1860.0	1	49	19.50	18.44	0.413	0.527		22.28	
AG.1	Sub.2	Head	QPSK	0	Right Touch	26140	1860.0	50	24	19.50	18.66	0.427	0.518		22.36	
AG.1	Sub.2	Head	QPSK	0	Right Tilt	26140	1860.0	1	49	19.50	18.44	0.419	0.535	23	22.22	
AG.1	Sub.2	Head	QPSK	0	Right Tilt	26140	1860.0	50	24	19.50	18.66	0.434	0.527		22.29	
AG.1	Sub.2	Body worn & Hotspot	QPSK	5	Rear	26140	1860.0	1	49	19.50	18.44	0.453	0.578		21.88	21.00
AG.1	Sub.2	Body worn & Hotspot	QPSK	5	Rear	26140	1860.0	50	24	19.50	18.66	0.464	0.563		21.99	
AG.1	Sub.2	Body worn & Hotspot	QPSK	5	Front	26140	1860.0	1	49	19.50	18.44	0.230	0.294		24.82	
AG.1	Sub.2	Body worn & Hotspot	QPSK	5	Front	26140	1860.0	50	24	19.50	18.66	0.235	0.285		24.95	
AG.1	Sub.2	Hotspot	QPSK	5	Top	26140	1860.0	1	49	19.50	18.44	0.555	0.708	24	21.00	
AG.1	Sub.2	Hotspot	QPSK	5	Top	26140	1860.0	50	24	19.50	18.66	0.568	0.689		21.12	
AG.1	Sub.2	Hotspot	QPSK	5	Left	26140	1860.0	1	49	19.50	18.44	0.057	0.073		30.88	
AG.1	Sub.2	Hotspot	QPSK	5	Left	26140	1860.0	50	24	19.50	18.66	0.061	0.074		30.81	
AG.1	Sub.2	Hotspot	QPSK	5	Right	26140	1860.0	1	49	19.50	18.44	0.045	0.058		31.91	
AG.1	Sub.2	Hotspot	QPSK	5	Right	26140	1860.0	50	24	19.50	18.66	0.047	0.057		31.94	

10.13. LTE Band 30 (10MHz Bandwidth)

Antenna Group	Antenna	RF Exposure Condition	Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Tune-up Limit (dBm)	Meas. (dBm)	Meas. 1g (W/kg)	Reported. 1g (W/kg)	Plot No.	Part0 Plimit	Minimum Plimit
AG.0	Main.2	Head	QPSK	0	Left Touch	27710	2310.0	1	25	24.00	22.24	0.137	0.205	25	30.87	30.87
AG.0	Main.2	Head	QPSK	0	Left Touch	27710	2310.0	25	0	23.00	21.18	0.104	0.158		31.01	
AG.0	Main.2	Head	QPSK	0	Left Tilt	27710	2310.0	1	25	24.00	22.24	0.047	0.070		35.52	
AG.0	Main.2	Head	QPSK	0	Left Tilt	27710	2310.0	25	0	23.00	21.18	0.036	0.055		35.62	
AG.0	Main.2	Head	QPSK	0	Right Touch	27710	2310.0	1	25	24.00	22.24	0.083	0.124		33.05	
AG.0	Main.2	Head	QPSK	0	Right Touch	27710	2310.0	25	0	23.00	21.18	0.068	0.103		32.85	
AG.0	Main.2	Head	QPSK	0	Right Tilt	27710	2310.0	1	25	24.00	22.24	0.075	0.112		33.49	
AG.0	Main.2	Head	QPSK	0	Right Tilt	27710	2310.0	25	0	23.00	21.18	0.058	0.088		33.55	
AG.0	Main.2	Body worn & Hotspot	QPSK	5	Rear	27710	2310.0	1	25	19.50	18.56	0.931	1.156	26	18.87	18.87
AG.0	Main.2	Body worn & Hotspot	QPSK	5	Rear	27710	2310.0	25	0	19.50	18.52	0.919	1.152		18.89	
AG.0	Main.2	Body worn & Hotspot	QPSK	5	Rear	27710	2310.0	50	0	19.50	18.52	0.906	1.135		18.95	
AG.0	Main.2	Body worn & Hotspot	QPSK	5	Front	27710	2310.0	1	25	19.50	18.56	0.498	0.618		21.59	
AG.0	Main.2	Body worn & Hotspot	QPSK	5	Front	27710	2310.0	25	0	19.50	18.52	0.488	0.612		21.64	
AG.0	Main.2	Hotspot	QPSK	5	Left	27710	2310.0	1	25	19.50	18.56	0.221	0.274		25.12	
AG.0	Main.2	Hotspot	QPSK	5	Left	27710	2310.0	25	0	19.50	18.52	0.219	0.274		25.12	
AG.0	Main.2	Hotspot	QPSK	5	Bottom	27710	2310.0	1	25	19.50	18.56	0.629	0.781		20.57	
AG.0	Main.2	Hotspot	QPSK	5	Bottom	27710	2310.0	25	0	19.50	18.52	0.626	0.784		20.55	

10.14. LTE Band 7 (20MHz Bandwidth)

Antenna Group	Antenna	RF Exposure Condition	Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Tune-up Limit (dBm)	Meas. (dBm)	Meas. 1g (W/kg)	Reported. 1g (W/kg)	Plot No.	Part0 Plimit	Minimum Plimit
AG.0	Main.2	Head	QPSK	0	Left Touch	21100	2535.0	1	0	25.00	23.92	0.172	0.221		31.56	
AG.0	Main.2	Head	QPSK	0	Left Touch	21100	2535.0	50	0	24.00	22.93	0.135	0.173		31.63	
AG.0	Main.2	Head	QPSK	0	Left Tilt	21100	2535.0	1	0	25.00	23.92	0.035	0.045		38.48	
AG.0	Main.2	Head	QPSK	0	Left Tilt	21100	2535.0	50	0	24.00	22.93	0.031	0.040		38.02	
AG.0	Main.2	Head	QPSK	0	Right Touch	21100	2535.0	1	0	25.00	23.92	0.104	0.133		33.75	31.56
AG.0	Main.2	Head	QPSK	0	Right Touch	21100	2535.0	50	0	24.00	22.93	0.088	0.113		33.49	
AG.0	Main.2	Head	QPSK	0	Right Tilt	21100	2535.0	1	0	25.00	23.92	0.041	0.053		37.79	
AG.0	Main.2	Head	QPSK	0	Right Tilt	21100	2535.0	50	0	24.00	22.93	0.042	0.054		36.70	
AG.0	Main.2	Body worn & Hotspot	QPSK	5	Rear	20850	2510.0	1	0	18.00	16.24	0.651	0.976		18.10	
AG.0	Main.2	Body worn & Hotspot	QPSK	5	Rear	20850	2510.0	50	0	18.00	16.10	0.680	1.053		17.77	
AG.0	Main.2	Body worn & Hotspot	QPSK	5	Rear	21100	2535.0	1	0	18.00	16.44	0.727	1.041		17.82	
AG.0	Main.2	Body worn & Hotspot	QPSK	5	Rear	21100	2535.0	50	0	18.00	16.43	0.749	1.075		17.69	
AG.0	Main.2	Body worn & Hotspot	QPSK	5	Rear	21100	2535.0	100	0	18.00	16.40	0.760	1.099		17.59	
AG.0	Main.2	Body worn & Hotspot	QPSK	5	Rear	21350	2560.0	1	0	18.00	16.29	0.755	1.119		17.51	
AG.0	Main.2	Body worn & Hotspot	QPSK	5	Rear	21350	2560.0	50	0	18.00	16.28	0.774	1.150	27	17.39	17.39
AG.0	Main.2	Body worn & Hotspot	QPSK	5	Front	21100	2535.0	1	0	18.00	16.44	0.416	0.596		20.25	
AG.0	Main.2	Body worn & Hotspot	QPSK	5	Front	21100	2535.0	50	0	18.00	16.43	0.422	0.606		20.18	
AG.0	Main.2	Hotspot	QPSK	5	Left	21100	2535.0	1	0	18.00	16.44	0.118	0.169		25.72	
AG.0	Main.2	Hotspot	QPSK	5	Left	21100	2535.0	50	0	18.00	16.43	0.119	0.171		25.67	
AG.0	Main.2	Hotspot	QPSK	5	Bottom	21100	2535.0	1	0	18.00	16.44	0.435	0.623		20.06	
AG.0	Main.2	Hotspot	QPSK	5	Bottom	21100	2535.0	50	0	18.00	16.43	0.450	0.646		19.90	

Antenna Group	Antenna	RF Exposure Condition	Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Tune-up Limit (dBm)	Meas. (dBm)	Meas. 1g (W/kg)	Reported. 1g (W/kg)	Plot No.	Part0 Plimit	Minimum Plimit
AG.1	Sub.2	Head	QPSK	0	Left Touch	21100	2535.0	1	0	19.50	18.60	0.154	0.189		26.72	
AG.1	Sub.2	Head	QPSK	0	Left Touch	21100	2535.0	50	0	19.50	18.52	0.149	0.187		26.79	
AG.1	Sub.2	Head	QPSK	0	Left Tilt	21100	2535.0	1	0	19.50	18.60	0.181	0.223		26.02	
AG.1	Sub.2	Head	QPSK	0	Left Tilt	21100	2535.0	50	0	19.50	18.52	0.186	0.233		25.82	
AG.1	Sub.2	Head	QPSK	0	Right Touch	21100	2535.0	1	0	19.50	18.60	0.277	0.341		24.18	23.37
AG.1	Sub.2	Head	QPSK	0	Right Touch	21100	2535.0	50	0	19.50	18.52	0.267	0.335		24.25	
AG.1	Sub.2	Head	QPSK	0	Right Tilt	21100	2535.0	1	0	19.50	18.60	0.330	0.406		23.41	
AG.1	Sub.2	Head	QPSK	0	Right Tilt	21100	2535.0	50	0	19.50	18.52	0.327	0.410	28	23.37	
AG.1	Sub.2	Body worn & Hotspot	QPSK	5	Rear	21100	2535.0	1	0	19.00	17.89	0.493	0.637		20.96	
AG.1	Sub.2	Body worn & Hotspot	QPSK	5	Rear	21100	2535.0	50	0	19.00	17.91	0.482	0.620		21.08	
AG.1	Sub.2	Body worn & Hotspot	QPSK	5	Front	21100	2535.0	1	0	19.00	17.89	0.235	0.303		24.18	
AG.1	Sub.2	Body worn & Hotspot	QPSK	5	Front	21100	2535.0	50	0	19.00	17.91	0.231	0.297		24.27	
AG.1	Sub.2	Hotspot	QPSK	5	Top	21100	2535.0	1	0	19.00	17.89	0.491	0.634		20.98	20.96
AG.1	Sub.2	Hotspot	QPSK	5	Top	21100	2535.0	50	0	19.00	17.91	0.492	0.632		20.99	
AG.1	Sub.2	Hotspot	QPSK	5	Left	21100	2535.0	1	0	19.00	17.89	0.104	0.134		27.72	
AG.1	Sub.2	Hotspot	QPSK	5	Left	21100	2535.0	50	0	19.00	17.91	0.124	0.159		26.98	

10.15. LTE Band 41 (20MHz Bandwidth)

Antenna Group	Antenna	RF Exposure Condition	Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Tune-up Limit (dBm)	Meas. (dBm)	Meas. 1g (W/kg)	Reported. 1g (W/kg)	Plot No.	Part0 Plimit	Minimum Plimit
AG.0	Main.2	Head	QPSK	0	Left Touch	41490	2680.0	1	0	25.00	24.18	0.078	0.094		35.26	
AG.0	Main.2	Head	QPSK	0	Left Touch	41490	2680.0	50	0	24.00	23.30	0.076	0.089		34.49	
AG.0	Main.2	Head	QPSK	0	Left Tilt	41490	2680.0	1	0	25.00	24.18	0.018	0.022		41.63	
AG.0	Main.2	Head	QPSK	0	Left Tilt	41490	2680.0	50	0	24.00	23.30	0.018	0.021		40.75	
AG.0	Main.2	Head	QPSK	0	Right Touch	41490	2680.0	1	0	25.00	24.18	0.047	0.057		37.46	34.49
AG.0	Main.2	Head	QPSK	0	Right Touch	41490	2680.0	50	0	24.00	23.30	0.053	0.062		36.06	
AG.0	Main.2	Head	QPSK	0	Right Tilt	41490	2680.0	1	0	25.00	24.18	0.041	0.050		38.05	
AG.0	Main.2	Head	QPSK	0	Right Tilt	41490	2680.0	50	0	24.00	23.30	0.038	0.045		37.50	
AG.0	Main.2	Body worn & Hotspot	QPSK	5	Rear	39750	2506.0	1	0	19.50	17.63	0.754	1.160		18.86	
AG.0	Main.2	Body worn & Hotspot	QPSK	5	Rear	39750	2506.0	50	0	19.50	17.76	0.768	1.146		18.91	
AG.0	Main.2	Body worn & Hotspot	QPSK	5	Rear	40185	2549.5	1	0	19.50	18.02	0.817	1.149		18.90	
AG.0	Main.2	Body worn & Hotspot	QPSK	5	Rear	40185	2549.5	50	0	19.50	17.96	0.818	1.166		18.83	
AG.0	Main.2	Body worn & Hotspot	QPSK	5	Rear	40620	2593.0	1	0	19.50	18.31	0.748	0.984		19.57	
AG.0	Main.2	Body worn & Hotspot	QPSK	5	Rear	40620	2593.0	50	0	19.50	18.21	0.738	0.993		19.53	
AG.0	Main.2	Body worn & Hotspot	QPSK	5	Rear	41055	2636.5	1	0	19.50	18.50	0.746	0.939		19.77	
AG.0	Main.2	Body worn & Hotspot	QPSK	5	Rear	41055	2636.5	50	0	19.50	18.15	0.762	1.040		19.33	
AG.0	Main.2	Body worn & Hotspot	QPSK	5	Rear	41490	2680.0	1	0	19.50	18.56	0.933	1.158		18.86	
AG.0	Main.2	Body worn & Hotspot	QPSK	5	Rear	41490	2680.0	50	0	19.50	18.51	0.924	1.161		18.85	
AG.0	Main.2	Body worn & Hotspot	QPSK	5	Rear	41490	2680.0	100	0	19.50	18.39	0.912	1.178	29	18.79	
AG.0	Main.2	Body worn & Hotspot	QPSK	5	Front	41490	2680.0	1	0	19.50	18.56	0.332	0.412		23.35	
AG.0	Main.2	Body worn & Hotspot	QPSK	5	Front	41490	2680.0	50	0	19.50	18.51	0.330	0.414		23.32	
AG.0	Main.2	Hotspot	QPSK	5	Left	41490	2680.0	1	0	19.50	18.56	0.091	0.113		28.97	18.79
AG.0	Main.2	Hotspot	QPSK	5	Left	41490	2680.0	50	0	19.50	18.51	0.092	0.116		28.87	
AG.0	Main.2	Hotspot	QPSK	5	Bottom	39750	2506.0	1	0	19.50	17.63	0.510	0.784		20.55	
AG.0	Main.2	Hotspot	QPSK	5	Bottom	39750	2506.0	50	0	19.50	17.76	0.512	0.764		20.67	
AG.0	Main.2	Hotspot	QPSK	5	Bottom	40185	2549.5	1	0	19.50	18.02	0.589	0.828		20.32	
AG.0	Main.2	Hotspot	QPSK	5	Bottom	40185	2549.5	50	0	19.50	17.96	0.602	0.858		20.16	
AG.0	Main.2	Hotspot	QPSK	5	Bottom	40620	2593.0	1	0	19.50	18.31	0.629	0.827		20.32	
AG.0	Main.2	Hotspot	QPSK	5	Bottom	40620	2593.0	50	0	19.50	18.21	0.627	0.844		20.24	
AG.0	Main.2	Hotspot	QPSK	5	Bottom	41055	2636.5	1	0	19.50	18.50	0.640	0.806		20.44	
AG.0	Main.2	Hotspot	QPSK	5	Bottom	41055	2636.5	50	0	19.50	18.15	0.617	0.842		20.25	
AG.0	Main.2	Hotspot	QPSK	5	Bottom	41490	2680.0	1	0	19.50	18.56	0.631	0.783		20.56	
AG.0	Main.2	Hotspot	QPSK	5	Bottom	41490	2680.0	50	0	19.50	18.51	0.639	0.803		20.45	
AG.0	Main.2	Hotspot	QPSK	5	Bottom	41490	2680.0	100	0	19.50	18.39	0.604	0.780		20.58	

Antenna Group	Antenna	RF Exposure Condition	Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Tune-up Limit (dBm)	Meas. (dBm)	Meas. 1g (W/kg)	Reported. 1g (W/kg)	Plot No.	Part0 Plimit	Minimum Plimit
AG.1	Sub.2	Head	QPSK	0	Left Touch	40185	2549.5	1	99	20.00	19.30	0.122	0.143		28.44	
AG.1	Sub.2	Head	QPSK	0	Left Touch	40185	2549.5	50	50	20.00	19.25	0.113	0.134		28.72	
AG.1	Sub.2	Head	QPSK	0	Left Tilt	40185	2549.5	1	99	20.00	19.30	0.165	0.194		27.13	
AG.1	Sub.2	Head	QPSK	0	Left Tilt	40185	2549.5	50	50	20.00	19.25	0.167	0.198		27.02	
AG.1	Sub.2	Head	QPSK	0	Right Touch	40185	2549.5	1	99	20.00	19.30	0.254	0.298		25.25	24.87
AG.1	Sub.2	Head	QPSK	0	Right Touch	40185	2549.5	50	50	20.00	19.25	0.258	0.307		25.13	
AG.1	Sub.2	Head	QPSK	0	Right Tilt	40185	2549.5	1	99	20.00	19.30	0.267	0.314		25.03	
AG.1	Sub.2	Head	QPSK	0	Right Tilt	40185	2549.5	50	50	20.00	19.25	0.274	0.326	30	24.87	
AG.1	Sub.2	Body worn & Hotspot	QPSK	5	Rear	40185	2549.5	1	99	19.00	18.87	0.267	0.275		24.60	
AG.1	Sub.2	Body worn & Hotspot	QPSK	5	Rear	40185	2549.5	50	50	19.00	18.80	0.271	0.284		24.47	
AG.1	Sub.2	Body worn & Hotspot	QPSK	5	Front	40185	2549.5	1	99	19.00	18.87	0.124	0.128		27.94	
AG.1	Sub.2	Body worn & Hotspot	QPSK	5	Front	40185	2549.5	50	50	19.00	18.80	0.122	0.128		27.94	
AG.1	Sub.2	Hotspot	QPSK	5	Top	40185	2549.5	1	99	19.00	18.87	0.271	0.279		24.54	24.47
AG.1	Sub.2	Hotspot	QPSK	5	Top	40185	2549.5	50	50	19.00	18.80	0.270	0.283		24.49	
AG.1	Sub.2	Hotspot	QPSK	5	Left	40185	2549.5	1	99	19.00	18.87	0.052	0.054		31.71	
AG.1	Sub.2	Hotspot	QPSK	5	Left	40185	2549.5	50	50	19.00	18.80	0.056	0.059		31.32	

10.16. LTE Band 48 (20MHz Bandwidth)

Antenna Group	Antenna	RF Exposure Condition	Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Tune-up Limit (dBm)	Meas. (dBm)	Meas. 1g (W/kg)	Reported. 1g (W/kg)	Plot No.	Part0 Plimit	Minimum Plimit
AG.1	Sub.3	Head	QPSK	0	Left Touch	55773	3603.3	1	99	19.00	18.64	0.166	0.180		26.44	21.03
AG.1	Sub.3	Head	QPSK	0	Left Touch	55773	3603.3	50	50	19.00	18.73	0.166	0.177		26.53	
AG.1	Sub.3	Head	QPSK	0	Left Tilt	55773	3603.3	1	99	19.00	18.64	0.108	0.117		28.31	
AG.1	Sub.3	Head	QPSK	0	Left Tilt	55773	3603.3	50	50	19.00	18.73	0.109	0.116		28.36	
AG.1	Sub.3	Head	QPSK	0	Right Touch	55340	3560.0	1	99	19.00	18.47	0.554	0.626	31	21.03	
AG.1	Sub.3	Head	QPSK	0	Right Touch	55340	3560.0	50	50	19.00	18.56	0.480	0.531		21.75	
AG.1	Sub.3	Head	QPSK	0	Right Touch	55773	3603.3	1	99	19.00	18.64	0.541	0.588		21.31	
AG.1	Sub.3	Head	QPSK	0	Right Touch	55773	3603.3	50	50	19.00	18.73	0.554	0.590		21.29	
AG.1	Sub.3	Head	QPSK	0	Right Touch	56207	3646.7	1	99	19.00	18.57	0.533	0.588		21.30	
AG.1	Sub.3	Head	QPSK	0	Right Touch	56207	3646.7	50	50	19.00	18.66	0.512	0.554		21.57	
AG.1	Sub.3	Head	QPSK	0	Right Touch	56640	3690.0	1	99	19.00	18.40	0.465	0.534		21.73	
AG.1	Sub.3	Head	QPSK	0	Right Touch	56640	3690.0	50	50	19.00	18.38	0.454	0.524		21.81	
AG.1	Sub.3	Head	QPSK	0	Right Tilt	55773	3603.3	1	99	19.00	18.64	0.345	0.375		23.26	
AG.1	Sub.3	Head	QPSK	0	Right Tilt	55773	3603.3	50	50	19.00	18.73	0.357	0.380		23.20	
AG.1	Sub.3	Body worn & Hotspot	QPSK	5	Rear	55773	3603.3	1	99	17.50	16.36	0.247	0.321		22.43	19.33
AG.1	Sub.3	Body worn & Hotspot	QPSK	5	Rear	55773	3603.3	50	50	17.50	16.47	0.256	0.325		22.39	
AG.1	Sub.3	Body worn & Hotspot	QPSK	5	Front	55773	3603.3	1	99	17.50	16.36	0.191	0.248		23.55	
AG.1	Sub.3	Body worn & Hotspot	QPSK	5	Front	55773	3603.3	50	50	17.50	16.47	0.194	0.246		23.59	
AG.1	Sub.3	Hotspot	QPSK	5	Top	55773	3603.3	1	99	17.50	16.36	0.244	0.317		22.49	
AG.1	Sub.3	Hotspot	QPSK	5	Top	55773	3603.3	50	50	17.50	16.47	0.249	0.316		22.51	
AG.1	Sub.3	Hotspot	QPSK	5	Left	55340	3560.0	1	99	17.50	15.89	0.453	0.656	32	19.33	
AG.1	Sub.3	Hotspot	QPSK	5	Left	55340	3560.0	50	50	17.50	16.04	0.452	0.633		19.49	
AG.1	Sub.3	Hotspot	QPSK	5	Left	55773	3603.3	1	99	17.50	16.36	0.494	0.642		19.42	
AG.1	Sub.3	Hotspot	QPSK	5	Left	55773	3603.3	50	50	17.50	16.47	0.510	0.647		19.39	
AG.1	Sub.3	Hotspot	QPSK	5	Left	56207	3646.7	1	99	17.50	16.07	0.462	0.642		19.42	
AG.1	Sub.3	Hotspot	QPSK	5	Left	56207	3646.7	50	50	17.50	16.22	0.470	0.631		19.50	
AG.1	Sub.3	Hotspot	QPSK	5	Left	56640	3690.0	1	99	17.50	15.99	0.419	0.593		19.77	
AG.1	Sub.3	Hotspot	QPSK	5	Left	56640	3690.0	50	50	17.50	16.02	0.434	0.610		19.65	

UL CA (Intraband-contiguous) 48C test results

Antenna Group	Antenna	RF Exposure Conditions	Mode	Dist. (mm)	Test Position	PCC UL				SCC UL				Power (dBm)		1-g SAR (W/kg)		Plot No.	Part0 Plimit
						Ch #.	Freq. (MHz)	RB Allocation	RB offest	Ch #.	Freq. (MHz)	RB Allocation	RB offest	Tune-up limit	Meas.	Meas.	Scaled		
AG.1	Sub.3	Head	QPSK	0	Right Touch	55340	3560.0	1	99	55538	3579.8	1	0	19.00	18.50	0.535	0.600		21.22
		Hotspot	QPSK	5	Left	55773	3603.3	50	50	55971	3623.1	50	0	17.50	16.51	0.454	0.570		19.92

10.17. NR Band n71 (20MHz Bandwidth)

Antenna Group	Antenna	RF Exposure Condition	Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Tune-up Limit (dBm)	Meas. (dBm)	Meas. 1g (W/kg)	Reported. 1g (W/kg)	Plot No.	Part0 Plimit	Minimum Plimit
AG.0	Main.1	Head	DFT-s OFDM QPSK	0	Left Touch	136100	680.5	1	1	25.50	24.70	0.128	0.154		33.63	
AG.0	Main.1	Head	DFT-s OFDM QPSK	0	Left Touch	136100	680.5	50	28	25.50	24.07	0.123	0.171		33.17	
AG.0	Main.1	Head	DFT-s OFDM QPSK	0	Left Tilt	136100	680.5	1	1	25.50	24.70	0.071	0.085		36.19	
AG.0	Main.1	Head	DFT-s OFDM QPSK	0	Left Tilt	136100	680.5	50	28	25.50	24.07	0.069	0.096		35.68	32.00
AG.0	Main.1	Head	DFT-s OFDM QPSK	0	Right Touch	136100	680.5	1	1	25.50	24.70	0.168	0.202		32.45	
AG.0	Main.1	Head	DFT-s OFDM QPSK	0	Right Touch	136100	680.5	50	28	25.50	24.07	0.161	0.224	33	32.00	
AG.0	Main.1	Head	DFT-s OFDM QPSK	0	Right Tilt	136100	680.5	1	1	25.50	24.70	0.066	0.079		36.50	
AG.0	Main.1	Head	DFT-s OFDM QPSK	0	Right Tilt	136100	680.5	50	28	25.50	24.07	0.082	0.114		34.93	
AG.0	Main.1	Body worn & Hotspot	DFT-s OFDM QPSK	5	Rear	136100	680.5	1	1	25.50	24.70	0.548	0.659		27.31	
AG.0	Main.1	Body worn & Hotspot	DFT-s OFDM QPSK	5	Rear	136100	680.5	50	28	25.50	24.07	0.563	0.783	34	26.56	
AG.0	Main.1	Body worn & Hotspot	DFT-s OFDM QPSK	5	Front	136100	680.5	1	1	25.50	24.70	0.245	0.295		30.81	
AG.0	Main.1	Body worn & Hotspot	DFT-s OFDM QPSK	5	Front	136100	680.5	50	28	25.50	24.07	0.266	0.370		29.82	26.56
AG.0	Main.1	Hotspot	DFT-s OFDM QPSK	5	Bottom	136100	680.5	1	1	25.50	24.70	0.383	0.460		28.87	
AG.0	Main.1	Hotspot	DFT-s OFDM QPSK	5	Bottom	136100	680.5	50	28	25.50	24.07	0.418	0.581		27.86	
AG.0	Main.1	Hotspot	DFT-s OFDM QPSK	5	Right	136100	680.5	1	1	25.50	24.70	0.376	0.452		28.95	
AG.0	Main.1	Hotspot	DFT-s OFDM QPSK	5	Right	136100	680.5	50	28	25.50	24.07	0.366	0.509		28.44	
AG.0	Main.1	Head	CP-OFDM QPSK	0	Right Touch	136100	680.5	1	1	24.00	23.14	0.098	0.119		33.23	33.23
AG.0	Main.1	Body worn & Hotspot	CP-OFDM QPSK	5	Rear	136100	680.5	1	1	24.00	23.14	0.395	0.482		27.17	27.17

Note(s):

CP-OFDM mode were evaluated at worst configuration of DFT-s-OFDM in standalone exposure conditions.

10.18. NR Band n5 (20MHz Bandwidth)

Antenna Group	Antenna	RF Exposure Condition	Mode	Power Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Tune-up Limit (dBm)	Meas. (dBm)	Meas. 1g (W/kg)	Reported. 1g (W/kg)	Plot No.	Part0 Plimit	Minimum Plimit
AG.0	Main.1	Head	DFT-s OFDM QPSK	2	0	Left Touch	167300	836.5	1	52	25.50	24.56	0.140	0.174		33.10	
AG.0	Main.1	Head	DFT-s OFDM QPSK	2	0	Left Touch	167300	836.5	50	28	25.50	24.51	0.144	0.181		32.93	
AG.0	Main.1	Head	DFT-s OFDM QPSK	2	0	Left Tilt	167300	836.5	1	52	25.50	24.56	0.094	0.117		34.83	
AG.0	Main.1	Head	DFT-s OFDM QPSK	2	0	Left Tilt	167300	836.5	50	28	25.50	24.51	0.095	0.119		34.73	
AG.0	Main.1	Head	DFT-s OFDM QPSK	2	0	Right Touch	167300	836.5	1	52	25.50	24.56	0.170	0.211		32.26	31.54
AG.0	Main.1	Head	DFT-s OFDM QPSK	2	0	Right Touch	167300	836.5	50	28	25.50	24.51	0.198	0.249	35	31.54	
AG.0	Main.1	Head	DFT-s OFDM QPSK	2	0	Right Tilt	167300	836.5	1	52	25.50	24.56	0.098	0.122		34.65	
AG.0	Main.1	Head	DFT-s OFDM QPSK	2	0	Right Tilt	167300	836.5	50	28	25.50	24.51	0.114	0.143		33.94	
AG.0	Main.1	Body worn & Hotspot	DFT-s OFDM QPSK	3	5	Rear	167300	836.5	1	52	24.00	23.45	0.900	1.022		23.91	
AG.0	Main.1	Body worn & Hotspot	DFT-s OFDM QPSK	3	5	Rear	167300	836.5	50	28	24.00	23.42	0.919	1.050	36	23.79	
AG.0	Main.1	Body worn & Hotspot	DFT-s OFDM QPSK	3	5	Rear	167300	836.5	100	0	24.00	22.52	0.724	1.018		23.92	
AG.0	Main.1	Body worn & Hotspot	DFT-s OFDM QPSK	3	5	Front	167300	836.5	1	52	24.00	23.45	0.457	0.519		26.85	
AG.0	Main.1	Body worn & Hotspot	DFT-s OFDM QPSK	3	5	Front	167300	836.5	50	28	24.00	23.42	0.480	0.549		26.61	23.79
AG.0	Main.1	Hotspot	DFT-s OFDM QPSK	3	5	Bottom	167300	836.5	1	52	24.00	23.45	0.797	0.905		24.44	
AG.0	Main.1	Hotspot	DFT-s OFDM QPSK	3	5	Bottom	167300	836.5	50	28	24.00	23.42	0.892	1.019		23.92	
AG.0	Main.1	Hotspot	DFT-s OFDM QPSK	3	5	Bottom	167300	836.5	100	0	24.00	22.52	0.618	0.869		24.61	
AG.0	Main.1	Hotspot	DFT-s OFDM QPSK	3	5	Right	167300	836.5	1	52	24.00	23.45	0.196	0.222		30.53	
AG.0	Main.1	Hotspot	DFT-s OFDM QPSK	3	5	Right	167300	836.5	50	28	24.00	23.42	0.227	0.259		29.86	
AG.0	Main.1	Head	CP-OFDM QPSK	2	0	Right Touch	167300	836.5	1	1	24.00	23.19	0.118	0.142		32.47	32.47
AG.0	Main.1	Body worn & Hotspot	CP-OFDM QPSK	3	5	Rear	167300	836.5	1	1	24.00	21.95	0.576	0.923		24.35	24.35

Note(s):

CP-OFDM mode were evaluated at worst configuration of DFT-s-OFDM in standalone exposure conditions.

10.19. NR Band n70 (15MHz Bandwidth)

Antenna Group	Antenna	RF Exposure Condition	Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Tune-up Limit (dBm)	Measured Power (dBm)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)	Plot No.	Part0 Plimit	Minimum Plimit
AG.0	Main.2	Head	DFT-s OFDM QPSK	0	Left Touch	340500	1702.5	1	77	25.00	23.62	0.079	0.108		34.64	34.64
AG.0	Main.2	Head	DFT-s OFDM QPSK	0	Left Touch	340500	1702.5	36	21	24.00	23.04	0.059	0.073		35.33	
AG.0	Main.2	Head	DFT-s OFDM QPSK	0	Left Tilt	340500	1702.5	1	77	25.00	23.62	0.065	0.089		35.49	
AG.0	Main.2	Head	DFT-s OFDM QPSK	0	Left Tilt	340500	1702.5	36	21	24.00	23.04	0.047	0.059		36.32	
AG.0	Main.2	Head	DFT-s OFDM QPSK	0	Right Touch	340500	1702.5	1	77	25.00	23.62	0.021	0.029		40.40	
AG.0	Main.2	Head	DFT-s OFDM QPSK	0	Right Touch	340500	1702.5	36	21	24.00	23.04	0.021	0.027		39.82	
AG.0	Main.2	Head	DFT-s OFDM QPSK	0	Right Tilt	340500	1702.5	1	77	25.00	23.62	0.010	0.013		43.62	
AG.0	Main.2	Head	DFT-s OFDM QPSK	0	Right Tilt	340500	1702.5	36	21	24.00	23.04	0.016	0.020		41.00	
AG.0	Main.2	Body worn & Hotspot	DFT-s OFDM QPSK	5	Rear	340500	1702.5	1	39	20.00	19.37	0.511	0.591		22.29	22.29
AG.0	Main.2	Body worn & Hotspot	DFT-s OFDM QPSK	5	Rear	340500	1702.5	36	21	20.00	19.31	0.503	0.590		22.29	
AG.0	Main.2	Body worn & Hotspot	DFT-s OFDM QPSK	5	Front	340500	1702.5	1	39	20.00	19.37	0.220	0.254		25.95	
AG.0	Main.2	Body worn & Hotspot	DFT-s OFDM QPSK	5	Front	340500	1702.5	36	21	20.00	19.31	0.221	0.259		25.87	
AG.0	Main.2	Hotspot	DFT-s OFDM QPSK	5	Left	340500	1702.5	1	39	20.00	19.37	0.194	0.224		26.49	
AG.0	Main.2	Hotspot	DFT-s OFDM QPSK	5	Left	340500	1702.5	36	21	20.00	19.31	0.195	0.229		26.41	
AG.0	Main.2	Hotspot	DFT-s OFDM QPSK	5	Bottom	340500	1702.5	1	39	20.00	19.37	0.368	0.425		23.71	
AG.0	Main.2	Hotspot	DFT-s OFDM QPSK	5	Bottom	340500	1702.5	36	21	20.00	19.31	0.366	0.429		23.68	
AG.0	Main.2	Head	CP OFDM	0	Left Touch	340500	1702.5	1	1	23.50	21.77	0.046	0.068		35.14	35.14
AG.0	Main.2	Body worn & Hotspot	CP OFDM	5	Rear	340500	1702.5	1	1	20.00	19.35	0.505	0.587		22.32	22.32

Antenna Group	Antenna	RF Exposure Condition	Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Tune-up Limit (dBm)	Meas. (dBm)	Meas. 1g (W/kg)	Reported. 1g (W/kg)	Plot No.	Part0 Plimit	Minimum Plimit
AG.1	Sub.2	Head	DFT-s OFDM QPSK	0	Left Touch	340500	1702.5	1	39	20.00	19.47	0.363	0.410		23.87	21.53
AG.1	Sub.2	Head	DFT-s OFDM QPSK	0	Left Touch	340500	1702.5	36	21	20.00	19.43	0.363	0.414		23.83	
AG.1	Sub.2	Head	DFT-s OFDM QPSK	0	Left Tilt	340500	1702.5	1	39	20.00	19.47	0.425	0.480		23.19	
AG.1	Sub.2	Head	DFT-s OFDM QPSK	0	Left Tilt	340500	1702.5	36	21	20.00	19.43	0.420	0.479		23.20	
AG.1	Sub.2	Head	DFT-s OFDM QPSK	0	Right Touch	340500	1702.5	1	39	20.00	19.47	0.561	0.634		21.98	
AG.1	Sub.2	Head	DFT-s OFDM QPSK	0	Right Touch	340500	1702.5	36	21	20.00	19.43	0.572	0.652		21.86	
AG.1	Sub.2	Head	DFT-s OFDM QPSK	0	Right Tilt	340500	1702.5	1	39	20.00	19.47	0.599	0.677		21.70	
AG.1	Sub.2	Head	DFT-s OFDM QPSK	0	Right Tilt	340500	1702.5	36	21	20.00	19.43	0.616	0.702	37	21.53	
AG.1	Sub.2	Body worn & Hotspot	DFT-s OFDM QPSK	5	Rear	340500	1702.5	1	39	19.00	18.60	0.593	0.650		20.87	20.26
AG.1	Sub.2	Body worn & Hotspot	DFT-s OFDM QPSK	5	Rear	340500	1702.5	36	21	19.00	18.57	0.604	0.667		20.76	
AG.1	Sub.2	Body worn & Hotspot	DFT-s OFDM QPSK	5	Front	340500	1702.5	1	39	19.00	18.60	0.267	0.293		24.33	
AG.1	Sub.2	Body worn & Hotspot	DFT-s OFDM QPSK	5	Front	340500	1702.5	36	21	19.00	18.57	0.273	0.301		24.21	
AG.1	Sub.2	Hotspot	DFT-s OFDM QPSK	5	Top	340500	1702.5	1	39	19.00	18.60	0.669	0.734		20.35	
AG.1	Sub.2	Hotspot	DFT-s OFDM QPSK	5	Top	340500	1702.5	36	21	19.00	18.57	0.678	0.749	38	20.26	
AG.1	Sub.2	Hotspot	DFT-s OFDM QPSK	5	Left	340500	1702.5	1	39	19.00	18.60	0.090	0.099		29.06	
AG.1	Sub.2	Hotspot	DFT-s OFDM QPSK	5	Left	340500	1702.5	36	21	19.00	18.57	0.091	0.101		28.98	
AG.0	Main.2	Head	CP OFDM	0	Right Tilt	340500	1702.5	1	1	20.00	19.54	0.630	0.700		21.55	21.55
AG.0	Main.2	Body worn & Hotspot	CP OFDM	5	Rear	340500	1702.5	1	1	19.00	18.55	0.634	0.703		20.53	20.53

Note(s):

CP-OFDM mode were evaluated at worst configuration of DFT-s-OFDM in standalone exposure conditions.

10.20. NR Band n66 (40MHz Bandwidth)

Antenna Group	Antenna	RF Exposure Condition	Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Tune-up Limit (dBm)	Measured Power (dBm)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)	Plot No.	Part0 Plimit	Minimum Plimit
AG.0	Main.2	Head	DFT-s OFDM QPSK	0	Left Touch	349000	1745.0	1	1	25.00	24.13	0.064	0.079		36.07	
AG.0	Main.2	Head	DFT-s OFDM QPSK	0	Left Touch	349000	1745.0	108	54	25.00	24.14	0.066	0.081		35.94	
AG.0	Main.2	Head	DFT-s OFDM QPSK	0	Left Tilt	349000	1745.0	1	1	25.00	24.13	0.042	0.051		37.90	
AG.0	Main.2	Head	DFT-s OFDM QPSK	0	Left Tilt	349000	1745.0	108	54	25.00	24.14	0.043	0.053		37.81	35.94
AG.0	Main.2	Head	DFT-s OFDM QPSK	0	Right Touch	349000	1745.0	1	1	25.00	24.13	0.056	0.068		36.65	
AG.0	Main.2	Head	DFT-s OFDM QPSK	0	Right Touch	349000	1745.0	108	54	25.00	24.14	0.058	0.071		36.51	
AG.0	Main.2	Head	DFT-s OFDM QPSK	0	Right Tilt	349000	1745.0	1	1	25.00	24.13	0.035	0.043		38.69	
AG.0	Main.2	Head	DFT-s OFDM QPSK	0	Right Tilt	349000	1745.0	108	54	25.00	24.14	0.039	0.048		38.23	
AG.0	Main.2	Body worn & Hotspot	DFT-s OFDM QPSK	5	Rear	349000	1745.0	1	1	20.00	19.40	0.524	0.602		22.21	
AG.0	Main.2	Body worn & Hotspot	DFT-s OFDM QPSK	5	Rear	349000	1745.0	108	54	20.00	19.28	0.541	0.639	39	21.95	
AG.0	Main.2	Body worn & Hotspot	DFT-s OFDM QPSK	5	Front	349000	1745.0	1	1	20.00	19.40	0.245	0.281		25.51	
AG.0	Main.2	Body worn & Hotspot	DFT-s OFDM QPSK	5	Front	349000	1745.0	108	54	20.00	19.28	0.249	0.294		25.32	21.95
AG.0	Main.2	Hotspot	DFT-s OFDM QPSK	5	Left	349000	1745.0	1	1	20.00	19.40	0.210	0.241		26.18	
AG.0	Main.2	Hotspot	DFT-s OFDM QPSK	5	Left	349000	1745.0	108	54	20.00	19.28	0.212	0.250		26.02	
AG.0	Main.2	Hotspot	DFT-s OFDM QPSK	5	Bottom	349000	1745.0	1	1	20.00	19.40	0.399	0.458		23.39	
AG.0	Main.2	Hotspot	DFT-s OFDM QPSK	5	Bottom	349000	1745.0	108	54	20.00	19.28	0.403	0.476		23.23	
AG.0	Main.2	Head	CP OFDM	0	Left Touch	349000	1745.0	1	1	23.50	22.62	0.029	0.036		38.00	38.00
AG.0	Main.2	Body worn & Hotspot	CP OFDM	5	Rear	349000	1745.0	1	1	20.00	19.45	0.265	0.301		25.22	25.22

Antenna Group	Antenna	RF Exposure Condition	Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Tune-up Limit (dBm)	Meas. (dBm)	Meas. 1g (W/kg)	Reported. 1g (W/kg)	Plot No.	Part0 Plimit	Minimum Plimit
AG.1	Sub.2	Head	DFT-s OFDM QPSK	0	Left Touch	349000	1745.0	1	214	19.50	19.13	0.276	0.301		24.72	
AG.1	Sub.2	Head	DFT-s OFDM QPSK	0	Left Touch	349000	1745.0	108	108	19.50	18.97	0.303	0.342		24.16	
AG.1	Sub.2	Head	DFT-s OFDM QPSK	0	Left Tilt	349000	1745.0	1	214	19.50	19.13	0.341	0.371		23.80	
AG.1	Sub.2	Head	DFT-s OFDM QPSK	0	Left Tilt	349000	1745.0	108	108	19.50	18.97	0.383	0.433		23.14	
AG.1	Sub.2	Head	DFT-s OFDM QPSK	0	Right Touch	349000	1745.0	1	214	19.50	19.13	0.410	0.446		23.00	22.02
AG.1	Sub.2	Head	DFT-s OFDM QPSK	0	Right Touch	349000	1745.0	108	108	19.50	18.97	0.428	0.484		22.66	
AG.1	Sub.2	Head	DFT-s OFDM QPSK	0	Right Tilt	349000	1745.0	1	214	19.50	19.13	0.471	0.513		22.40	
AG.1	Sub.2	Head	DFT-s OFDM QPSK	0	Right Tilt	349000	1745.0	108	108	19.50	18.97	0.495	0.559	40	22.02	
AG.1	Sub.2	Body worn & Hotspot	DFT-s OFDM QPSK	5	Rear	349000	1745.0	1	214	18.50	18.05	0.425	0.471		21.77	
AG.1	Sub.2	Body worn & Hotspot	DFT-s OFDM QPSK	5	Rear	349000	1745.0	108	54	18.50	18.10	0.506	0.555		21.06	
AG.1	Sub.2	Body worn & Hotspot	DFT-s OFDM QPSK	5	Front	349000	1745.0	1	214	18.50	18.05	0.347	0.385		22.65	
AG.1	Sub.2	Body worn & Hotspot	DFT-s OFDM QPSK	5	Front	349000	1745.0	108	54	18.50	18.10	0.343	0.376		22.75	21.06
AG.1	Sub.2	Hotspot	DFT-s OFDM QPSK	5	Top	349000	1745.0	1	214	18.50	18.05	0.439	0.487		21.63	
AG.1	Sub.2	Hotspot	DFT-s OFDM QPSK	5	Top	349000	1745.0	108	54	18.50	18.10	0.469	0.514		21.39	
AG.1	Sub.2	Hotspot	DFT-s OFDM QPSK	5	Left	349000	1745.0	1	214	18.50	18.05	0.107	0.119		27.76	
AG.1	Sub.2	Hotspot	DFT-s OFDM QPSK	5	Left	349000	1745.0	108	54	18.50	18.10	0.110	0.121		27.69	
AG.1	Sub.2	Head	CP OFDM	0	Right Tilt	349000	1745.0	1	1	19.50	19.32	0.532	0.555		22.06	22.06
AG.1	Sub.2	Body worn & Hotspot	CP OFDM	5	Rear	349000	1745.0	1	1	18.50	18.16	0.481	0.520		21.34	21.34

Note(s):

CP-OFDM mode were evaluated at worst configuration of DFT-s-OFDM in standalone exposure conditions.

10.21. NR Band n25 (40MHz Bandwidth)

Antenna Group	Antenna	RF Exposure Condition	Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Tune-up Limit (dBm)	Measured Power (dBm)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)	Plot No.	Part0 Plimit	Minimum Plimit
AG.0	Main.2	Head	DFT-s OFDM QPSK	0	Left Touch	376500	1882.5	1	107	25.00	24.50	0.128	0.144		33.43	
AG.0	Main.2	Head	DFT-s OFDM QPSK	0	Left Touch	376500	1882.5	108	54	25.00	24.45	0.129	0.146		33.34	
AG.0	Main.2	Head	DFT-s OFDM QPSK	0	Left Tilt	376500	1882.5	1	107	25.00	24.50	0.082	0.092		35.36	
AG.0	Main.2	Head	DFT-s OFDM QPSK	0	Left Tilt	376500	1882.5	108	54	25.00	24.45	0.088	0.100		35.01	
AG.0	Main.2	Head	DFT-s OFDM QPSK	0	Right Touch	376500	1882.5	1	107	25.00	24.50	0.102	0.114		34.41	33.34
AG.0	Main.2	Head	DFT-s OFDM QPSK	0	Right Touch	376500	1882.5	108	54	25.00	24.45	0.103	0.117		34.32	
AG.0	Main.2	Head	DFT-s OFDM QPSK	0	Right Tilt	376500	1882.5	1	107	25.00	24.50	0.092	0.104		34.86	
AG.0	Main.2	Head	DFT-s OFDM QPSK	0	Right Tilt	376500	1882.5	108	54	25.00	24.45	0.094	0.106		34.72	
AG.0	Main.2	Body worn & Hotspot	DFT-s OFDM QPSK	5	Rear	376500	1882.5	1	107	20.00	18.68	0.500	0.678		21.69	
AG.0	Main.2	Body worn & Hotspot	DFT-s OFDM QPSK	5	Rear	376500	1882.5	108	54	20.00	18.58	0.550	0.763	41	21.18	
AG.0	Main.2	Body worn & Hotspot	DFT-s OFDM QPSK	5	Front	376500	1882.5	1	107	20.00	18.68	0.255	0.346		24.61	
AG.0	Main.2	Body worn & Hotspot	DFT-s OFDM QPSK	5	Front	376500	1882.5	108	54	20.00	18.58	0.261	0.362		24.41	
AG.0	Main.2	Hotspot	DFT-s OFDM QPSK	5	Left	376500	1882.5	1	107	20.00	18.68	0.185	0.251		26.01	21.18
AG.0	Main.2	Hotspot	DFT-s OFDM QPSK	5	Left	376500	1882.5	108	54	20.00	18.58	0.185	0.257		25.91	
AG.0	Main.2	Hotspot	DFT-s OFDM QPSK	5	Bottom	376500	1882.5	1	107	20.00	18.68	0.366	0.496		23.05	
AG.0	Main.2	Hotspot	DFT-s OFDM QPSK	5	Bottom	376500	1882.5	108	54	20.00	18.58	0.366	0.508		22.95	
AG.0	Main.2	Head	CP OFDM	0	Left Touch	376500	1882.5	1	1	23.5	22.85	0.066	0.076		34.65	34.65
AG.0	Main.2	Body worn & Hotspot	CP OFDM	5	Rear	376500	1882.5	1	1	20	18.71	0.475	0.639		21.94	21.94
Antenna Group	**Antenna**	**RF Exposure Condition**	**Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**RB Allocation**	**RB Offset**	**Tune-up Limit (dBm)**	**Meas. (dBm)**	**Meas. 1g (W/kg)**	**Reported. 1g (W/kg)**	**Plot No.**	**Part0 Plimit**	**Minimum Plimit**
AG.1	Sub.2	Head	DFT-s OFDM QPSK	0	Left Touch	376500	1882.5	1	107	19.50	19.08	0.284	0.313		24.55	
AG.1	Sub.2	Head	DFT-s OFDM QPSK	0	Left Touch	376500	1882.5	108	54	19.50	19.10	0.283	0.310		24.58	
AG.1	Sub.2	Head	DFT-s OFDM QPSK	0	Left Tilt	376500	1882.5	1	107	19.50	19.08	0.316	0.348		24.08	
AG.1	Sub.2	Head	DFT-s OFDM QPSK	0	Left Tilt	376500	1882.5	108	54	19.50	19.10	0.318	0.349		24.08	
AG.1	Sub.2	Head	DFT-s OFDM QPSK	0	Right Touch	376500	1882.5	1	107	19.50	19.08	0.484	0.533	42	22.23	
AG.1	Sub.2	Head	DFT-s OFDM QPSK	0	Right Touch	376500	1882.5	108	54	19.50	19.10	0.479	0.525		22.30	22.23
AG.1	Sub.2	Head	DFT-s OFDM QPSK	0	Right Tilt	376500	1882.5	1	107	19.50	19.08	0.468	0.516		22.38	
AG.1	Sub.2	Head	DFT-s OFDM QPSK	0	Right Tilt	376500	1882.5	108	54	19.50	19.10	0.452	0.496		22.55	
AG.1	Sub.2	Body worn & Hotspot	DFT-s OFDM QPSK	5	Rear	376500	1882.5	1	107	20.00	19.52	0.540	0.603		22.20	
AG.1	Sub.2	Body worn & Hotspot	DFT-s OFDM QPSK	5	Rear	376500	1882.5	108	54	20.00	19.51	0.577	0.646		21.90	
AG.1	Sub.2	Body worn & Hotspot	DFT-s OFDM QPSK	5	Front	376500	1882.5	1	107	20.00	19.52	0.230	0.257		25.90	
AG.1	Sub.2	Body worn & Hotspot	DFT-s OFDM QPSK	5	Front	376500	1882.5	108	54	20.00	19.51	0.244	0.273		25.64	
AG.1	Sub.2	Hotspot	DFT-s OFDM QPSK	5	Top	376500	1882.5	1	107	20.00	19.52	0.521	0.582		22.35	21.90
AG.1	Sub.2	Hotspot	DFT-s OFDM QPSK	5	Top	376500	1882.5	108	54	20.00	19.51	0.526	0.589		22.30	
AG.1	Sub.2	Hotspot	DFT-s OFDM QPSK	5	Left	376500	1882.5	1	107	20.00	19.52	0.074	0.083		30.83	
AG.1	Sub.2	Hotspot	DFT-s OFDM QPSK	5	Left	376500	1882.5	108	54	20.00	19.51	0.074	0.083		30.82	
AG.1	Sub.2	Head	CP OFDM	0	Right Touch	376500	1882.5	1	1	19.50	19.06	0.388	0.429		23.17	23.17
AG.1	Sub.2	Body worn & Hotspot	CP OFDM	5	Rear	376500	1882.5	1	1	20.00	19.6	0.528	0.579		22.37	22.37

Note(s):

CP-OFDM mode were evaluated at worst configuration of DFT-s-OFDM in standalone exposure conditions.

10.22. NR Band n30 (10MHz Bandwidth)

Antenna Group	Antenna	RF Exposure Condition	Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Tune-up Limit (dBm)	Meas. (dBm)	Meas. 1g (W/kg)	Reported. 1g (W/kg)	Plot No.	Part0 Plimit	Minimum Plimit
AG.0	Main.2	Head	DFT-s OFDM QPSK	0	Left Touch	462000	2310.0	1	1	24.00	22.93	0.134	0.171		31.66	
AG.0	Main.2	Head	DFT-s OFDM QPSK	0	Left Touch	462000	2310.0	25	13	24.00	22.91	0.136	0.175	43	31.57	
AG.0	Main.2	Head	DFT-s OFDM QPSK	0	Left Tilt	462000	2310.0	1	1	24.00	22.93	0.034	0.043		37.62	
AG.0	Main.2	Head	DFT-s OFDM QPSK	0	Left Tilt	462000	2310.0	25	13	24.00	22.91	0.029	0.037		38.29	
AG.0	Main.2	Head	DFT-s OFDM QPSK	0	Right Touch	462000	2310.0	1	1	24.00	22.93	0.082	0.105		33.79	31.57
AG.0	Main.2	Head	DFT-s OFDM QPSK	0	Right Touch	462000	2310.0	25	13	24.00	22.91	0.079	0.102		33.93	
AG.0	Main.2	Head	DFT-s OFDM QPSK	0	Right Tilt	462000	2310.0	1	1	24.00	22.93	0.080	0.102		33.90	
AG.0	Main.2	Head	DFT-s OFDM QPSK	0	Right Tilt	462000	2310.0	25	13	24.00	22.91	0.085	0.109		33.62	
AG.0	Main.2	Body worn & Hotspot	DFT-s OFDM QPSK	5	Rear	462000	2310.0	1	1	20.00	18.85	0.786	1.024		19.90	
AG.0	Main.2	Body worn & Hotspot	DFT-s OFDM QPSK	5	Rear	462000	2310.0	25	13	20.00	18.79	0.789	1.043		19.82	
AG.0	Main.2	Body worn & Hotspot	DFT-s OFDM QPSK	5	Rear	462000	2310.0	50	0	20.00	18.68	0.780	1.057	44	19.76	
AG.0	Main.2	Body worn & Hotspot	DFT-s OFDM QPSK	5	Front	462000	2310.0	1	1	20.00	18.85	0.534	0.696		21.57	
AG.0	Main.2	Body worn & Hotspot	DFT-s OFDM QPSK	5	Front	462000	2310.0	25	13	20.00	18.79	0.537	0.710		21.49	19.76
AG.0	Main.2	Hotspot	DFT-s OFDM QPSK	5	Left	462000	2310.0	1	1	20.00	18.85	0.234	0.305		25.16	
AG.0	Main.2	Hotspot	DFT-s OFDM QPSK	5	Left	462000	2310.0	25	13	20.00	18.79	0.234	0.309		25.10	
AG.0	Main.2	Hotspot	DFT-s OFDM QPSK	5	Bottom	462000	2310.0	1	1	20.00	18.85	0.535	0.697		21.57	
AG.0	Main.2	Hotspot	DFT-s OFDM QPSK	5	Bottom	462000	2310.0	25	13	20.00	18.79	0.537	0.710		21.49	
AG.0	Main.2	Head	CP OFDM QPSK	0	Left Touch	462000	2310.0	1	1	22.50	21.43	0.136	0.174		30.09	30.09
AG.0	Main.2	Body worn & Hotspot	CP OFDM QPSK	5	Rear	462000	2310.0	1	1	20.00	18.74	0.779	1.041		19.82	19.82

Note(s):

CP-OFDM mode were evaluated at worst configuration of DFT-s-OFDM in standalone exposure conditions.

10.23. NR Band n41 (40MHz Bandwidth)

Antenna Group	Antenna	RF Exposure Condition	Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Tune-up Limit (dBm)	Meas. (dBm)	Meas. 1g (W/kg)	Reported. 1g (W/kg)	Plot No.	Part0 Plimit	Minimum Plimit
AG.0	Main.2	Head	DFT-s OFDM QPSK	0	Left Touch	518598	2593.0	1	1	23.50	22.40	0.028	0.036		37.93	
AG.0	Main.2	Head	DFT-s OFDM QPSK	0	Left Touch	518598	2593.0	135	69	23.50	22.47	0.035	0.044		37.03	
AG.0	Main.2	Head	DFT-s OFDM QPSK	0	Left Tilt	518598	2593.0	1	1	23.50	22.40	0.001	0.001		52.40	
AG.0	Main.2	Head	DFT-s OFDM QPSK	0	Left Tilt	518598	2593.0	135	69	23.50	22.47	0.001	0.001		52.47	
AG.0	Main.2	Head	DFT-s OFDM QPSK	0	Right Touch	518598	2593.0	1	1	23.50	22.40	0.070	0.090		33.95	33.65
AG.0	Main.2	Head	DFT-s OFDM QPSK	0	Right Touch	518598	2593.0	135	69	23.50	22.47	0.011	0.013		42.06	
AG.0	Main.2	Head	DFT-s OFDM QPSK	0	Right Tilt	518598	2593.0	1	1	23.50	22.40	0.075	0.096		33.65	
AG.0	Main.2	Head	DFT-s OFDM QPSK	0	Right Tilt	518598	2593.0	135	69	23.50	22.47	0.065	0.082		34.34	
AG.0	Main.2	Head	CP OFDM	0	Right Tilt	518598	2593.0	1	1	22.50	22.06	0.064	0.071		33.99	
AG.0	Main.2	Body worn & Hotspot	DFT-s OFDM QPSK	5	Rear	518598	2593.0	1	271	17.50	17.07	0.661	0.730	45	18.87	
AG.0	Main.2	Body worn & Hotspot	DFT-s OFDM QPSK	5	Rear	518598	2593.0	135	69	17.50	17.05	0.650	0.721		18.92	
AG.0	Main.2	Body worn & Hotspot	DFT-s OFDM QPSK	5	Front	518598	2593.0	1	271	17.50	17.07	0.286	0.316		22.51	
AG.0	Main.2	Body worn & Hotspot	DFT-s OFDM QPSK	5	Front	518598	2593.0	135	69	17.50	17.05	0.287	0.318		22.47	
AG.0	Main.2	Hotspot	DFT-s OFDM QPSK	5	Left	518598	2593.0	1	271	17.50	17.07	0.057	0.063		29.50	18.87
AG.0	Main.2	Hotspot	DFT-s OFDM QPSK	5	Left	518598	2593.0	135	69	17.50	17.05	0.065	0.072		28.90	
AG.0	Main.2	Hotspot	DFT-s OFDM QPSK	5	Bottom	518598	2593.0	1	271	17.50	17.07	0.408	0.450		20.96	
AG.0	Main.2	Hotspot	DFT-s OFDM QPSK	5	Bottom	518598	2593.0	135	69	17.50	17.05	0.440	0.488		20.62	
AG.0	Main.2	Body worn & Hotspot	CP OFDM	5	Rear	518598	2593.0	1	1	17.50	16.69	0.559	0.674		19.22	

Antenna Group	Antenna	RF Exposure Condition	Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Tune-up Limit (dBm)	Meas. (dBm)	Meas. 1g (W/kg)	Reported. 1g (W/kg)	Plot No.	Part0 Plimit	Minimum Plimit
AG.1	Sub.2	Head	DFT-s OFDM QPSK	0	Left Touch	518598	2593.0	1	1	18.50	17.87	0.160	0.185		25.83	
AG.1	Sub.2	Head	DFT-s OFDM QPSK	0	Left Touch	518598	2593.0	135	0	18.50	17.91	0.155	0.178		26.01	
AG.1	Sub.2	Head	DFT-s OFDM QPSK	0	Left Tilt	518598	2593.0	1	1	18.50	17.87	0.151	0.175		26.08	
AG.1	Sub.2	Head	DFT-s OFDM QPSK	0	Left Tilt	518598	2593.0	135	0	18.50	17.91	0.161	0.184		25.84	
AG.1	Sub.2	Head	DFT-s OFDM QPSK	0	Right Touch	518598	2593.0	1	1	18.50	17.87	0.258	0.298		23.75	23.61
AG.1	Sub.2	Head	DFT-s OFDM QPSK	0	Right Touch	518598	2593.0	135	0	18.50	17.91	0.269	0.308	46	23.61	
AG.1	Sub.2	Head	DFT-s OFDM QPSK	0	Right Tilt	518598	2593.0	1	1	18.50	17.87	0.266	0.308		23.62	
AG.1	Sub.2	Head	DFT-s OFDM QPSK	0	Right Tilt	518598	2593.0	135	0	18.50	17.91	0.264	0.302		23.69	
AG.1	Sub.2	Head	CP OFDM	0	Right Touch	518598	2593.0	1	1	18.50	17.77	0.257	0.304		23.67	
AG.1	Sub.2	Body worn & Hotspot	DFT-s OFDM QPSK	5	Rear	518598	2593.0	1	1	18.00	17.25	0.232	0.276		23.60	
AG.1	Sub.2	Body worn & Hotspot	DFT-s OFDM QPSK	5	Rear	518598	2593.0	135	0	18.00	17.35	0.210	0.244		24.13	
AG.1	Sub.2	Body worn & Hotspot	DFT-s OFDM QPSK	5	Front	518598	2593.0	1	1	18.00	17.25	0.112	0.133		26.76	
AG.1	Sub.2	Body worn & Hotspot	DFT-s OFDM QPSK	5	Front	518598	2593.0	135	0	18.00	17.35	0.104	0.121		27.18	23.48
AG.1	Sub.2	Hotspot	DFT-s OFDM QPSK	5	Top	518598	2593.0	1	1	18.00	17.25	0.238	0.283		23.48	
AG.1	Sub.2	Hotspot	DFT-s OFDM QPSK	5	Top	518598	2593.0	135	0	18.00	17.35	0.237	0.275		23.60	
AG.1	Sub.2	Hotspot	DFT-s OFDM QPSK	5	Left	518598	2593.0	1	1	18.00	17.25	0.061	0.072		29.40	
AG.1	Sub.2	Hotspot	DFT-s OFDM QPSK	5	Left	518598	2593.0	135	0	18.00	17.25	0.209	0.248		24.05	

Note(s):

1. CP-OFDM mode were evaluated at worst configuration of DFT-s-OFDM in standalone exposure conditions.
2. NR Band n41 tested using test mode software.

10.24. NR Band n48 (40MHz Bandwidth)

(Voice/data/SRS1)

Antenna Group	Antenna	RF Exposure Condition	Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Tune-up Limit (dBm)	Meas. (dBm)	Meas. 1g (W/kg)	Reported. 1g (W/kg)	Plot No.	Part0 Plimit	Minimum Plimit
AG.1	Sub.3	Head	DFT-s OFDM QPSK	0	Left Touch	641666	3624.99	1	52	16.50	15.83	0.241	0.281		22.01	
AG.1	Sub.3	Head	DFT-s OFDM QPSK	0	Left Touch	641666	3624.99	50	28	16.50	15.85	0.193	0.224		22.99	
AG.1	Sub.3	Head	DFT-s OFDM QPSK	0	Left Tilt	641666	3624.99	1	52	16.50	15.83	0.191	0.223		23.02	
AG.1	Sub.3	Head	DFT-s OFDM QPSK	0	Left Tilt	641666	3624.99	50	28	16.50	15.85	0.182	0.211		23.25	
AG.1	Sub.3	Head	DFT-s OFDM QPSK	0	Right Touch	641666	3624.99	1	52	16.50	15.83	0.508	0.593	47	18.77	18.77
AG.1	Sub.3	Head	DFT-s OFDM QPSK	0	Right Touch	641666	3624.99	50	28	16.50	15.85	0.489	0.568		18.96	
AG.1	Sub.3	Head	DFT-s OFDM QPSK	0	Right Tilt	641666	3624.99	1	52	16.50	15.83	0.346	0.404		20.44	
AG.1	Sub.3	Head	DFT-s OFDM QPSK	0	Right Tilt	641666	3624.99	50	28	16.50	15.85	0.341	0.396		20.52	
AG.1	Sub.3	Head	CP OFDM	0	Right Touch	641666	3624.99	1	1	16.50	15.55	0.452	0.563		26.43	
AG.1	Sub.3	Body worn & Hotspot	DFT-s OFDM QPSK	5	Rear	641666	3624.99	1	52	15.50	14.83	0.434	0.506		18.46	
AG.1	Sub.3	Body worn & Hotspot	DFT-s OFDM QPSK	5	Rear	641666	3624.99	50	28	15.50	14.85	0.454	0.527		18.28	
AG.1	Sub.3	Body worn & Hotspot	DFT-s OFDM QPSK	5	Front	641666	3624.99	1	52	15.50	14.83	0.206	0.240		21.69	
AG.1	Sub.3	Body worn & Hotspot	DFT-s OFDM QPSK	5	Front	641666	3624.99	50	28	15.50	14.85	0.204	0.237		21.75	
AG.1	Sub.3	Hotspot	DFT-s OFDM QPSK	5	Top	641666	3624.99	1	52	15.50	14.83	0.323	0.377		19.74	18.07
AG.1	Sub.3	Hotspot	DFT-s OFDM QPSK	5	Top	641666	3624.99	50	28	15.50	14.85	0.292	0.339		20.20	
AG.1	Sub.3	Hotspot	DFT-s OFDM QPSK	5	Left	641666	3624.99	1	52	15.50	14.83	0.474	0.553	48	18.07	
AG.1	Sub.3	Hotspot	DFT-s OFDM QPSK	5	Left	641666	3624.99	50	28	15.50	14.85	0.461	0.535		18.21	
AG.1	Sub.3	Hotspot	CP OFDM	5	Left	641666	3624.99	1	1	15.50	14.85	0.476	0.553		18.07	

(SRS2/ SRS3/ SRS4)

Antenna Group	Antenna	RF Exposure Condition	Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Tune-up Limit (dBm)	Meas. (dBm)	Meas. 1g (W/kg)	Reported. 1g (W/kg)	Plot No.	Part0 Plimit	Minimum Plimit
AG.0	Main.2	Head	CW	0	Left Touch	641666	3624.99	19.50	19.07	0.000	0.000		59.07	
AG.0	Main.2	Head	CW	0	Left Tilt	641666	3624.99	19.50	19.07	0.000	0.000		59.07	44.30
AG.0	Main.2	Head	CW	0	Right Touch	641666	3624.99	19.50	19.07	0.003	0.003		44.30	
AG.0	Main.2	Head	CW	0	Right Tilt	641666	3624.99	19.50	19.07	0.000	0.000		59.07	
AG.0	Main.2	Body worn & Hotspot	CW	5	Rear	638000	3570.00	19.50	18.65	0.594	0.722		20.91	
AG.0	Main.2	Body worn & Hotspot	CW	5	Rear	641666	3624.99	19.50	19.07	0.637	0.703		21.03	
AG.0	Main.2	Body worn & Hotspot	CW	5	Rear	645332	3679.98	19.50	18.54	0.653	0.815	49	20.39	
AG.0	Main.2	Body worn & Hotspot	CW	5	Front	641666	3624.99	19.50	19.07	0.200	0.221		26.06	20.39
AG.0	Main.2	Hotspot	CW	5	Left	641666	3624.99	19.50	19.07	0.042	0.046		32.84	
AG.0	Main.2	Hotspot	CW	5	Bottom	638000	3570.00	19.50	18.65	0.472	0.574		21.91	
AG.0	Main.2	Hotspot	CW	5	Bottom	641666	3624.99	19.50	19.07	0.552	0.609		21.65	
AG.0	Main.2	Hotspot	CW	5	Bottom	645332	3679.98	19.50	18.54	0.494	0.616		21.60	
Antenna Group	**Antenna**	**RF Exposure Condition**	**Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**Tune-up Limit (dBm)**	**Meas. (dBm)**	**Meas. 1g (W/kg)**	**Reported. 1g (W/kg)**	**Plot No.**	**Part0 Plimit**	**Minimum Plimit**
AG.1	Sub.7	Head	CW	0	Left Touch	641666	3625.0	16.50	15.75	0.059	0.070		28.04	
AG.1	Sub.7	Head	CW	0	Left Tilt	641666	3625.0	16.50	15.75	0.064	0.076		27.69	
AG.1	Sub.7	Head	CW	0	Right Touch	641666	3625.0	16.50	15.75	0.082	0.097		26.61	26.51
AG.1	Sub.7	Head	CW	0	Right Tilt	641666	3625.0	16.50	15.75	0.084	0.100	50	26.51	
AG.1	Sub.7	Body worn & Hotspot	CW	5	Rear	641666	3625.0	14.50	13.53	0.278	0.348		19.09	
AG.1	Sub.7	Body worn & Hotspot	CW	5	Front	641666	3625.0	14.50	13.53	0.046	0.058		26.90	19.09
AG.1	Sub.7	Hotspot	CW	5	Top	641666	3625.0	14.50	13.53	0.125	0.156		22.56	
AG.1	Sub.7	Hotspot	CW	5	Right	641666	3625.0	14.50	13.53	0.043	0.054		27.20	
Antenna Group	**Antenna**	**RF Exposure Condition**	**Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**Tune-up Limit (dBm)**	**Meas. (dBm)**	**Meas. 1g (W/kg)**	**Reported. 1g (W/kg)**	**Plot No.**	**Part0 Plimit**	**Minimum Plimit**
AG.1	Sub.8	Head	CW	0	Left Touch	641666	3624.99	19.00	18.97	0.053	0.053		31.73	
AG.1	Sub.8	Head	CW	0	Left Tilt	641666	3624.99	19.00	18.97	0.052	0.052		31.81	29.24
AG.1	Sub.8	Head	CW	0	Right Touch	641666	3624.99	19.00	18.97	0.074	0.075		30.28	
AG.1	Sub.8	Head	CW	0	Right Tilt	641666	3624.99	19.00	18.97	0.094	0.095		29.24	
AG.1	Sub.8	Body worn & Hotspot	CW	5	Rear	641666	3624.99	19.00	18.97	0.292	0.294		24.32	
AG.1	Sub.8	Body worn & Hotspot	CW	5	Front	641666	3624.99	19.00	18.97	0.020	0.020		35.96	24.32
AG.1	Sub.8	Hotspot	CW	5	Top	641666	3624.99	19.00	18.97	0.061	0.061		31.12	
AG.1	Sub.8	Hotspot	CW	5	Left	641666	3624.99	19.00	18.97	0.023	0.023		35.35	

Note(s):

1. NR Band n77(Voice/Data/SRS1, SRS2, SRS3 and SRS4) tested using test mode software.
2. CP-OFDM mode were evaluated at worst configuration of DFT-s-OFDM in each exposure conditions.
3. SRS 2/ 3/ 4 SAR tests performed at worst configuration at Voice/data/SRS1 test result of each RF exposure conditions.

10.25. NR Band n77 (100MHz Bandwidth)

(Voice/data/SRS1)

Antenna Group	Antenna	RF Exposure Condition	Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	RB Allocation	RB Offset	Tune-up Limit (dBm)	Meas. (dBm)	Meas. 1g (W/kg)	Reported. 1g (W/kg)	Plot No.	Part0 Plimit	Minimum Plimit
AG.1	Sub.3	Head	DFT-s OFDM QPSK	0	Left Touch	662000	3930.00	1	136	17.00	16.39	0.099	0.114		26.43	
AG.1	Sub.3	Head	DFT-s OFDM QPSK	0	Left Touch	662000	3930.00	135	69	17.00	16.36	0.100	0.116		26.36	
AG.1	Sub.3	Head	DFT-s OFDM QPSK	0	Left Tilt	662000	3930.00	1	136	17.00	16.39	0.073	0.084		27.76	
AG.1	Sub.3	Head	DFT-s OFDM QPSK	0	Left Tilt	662000	3930.00	135	69	17.00	16.36	0.073	0.085		27.73	
AG.1	Sub.3	Head	DFT-s OFDM QPSK	0	Right Touch	633334	3500.01	1	136	17.00	16.40	0.492	0.565		19.48	
AG.1	Sub.3	Head	DFT-s OFDM QPSK	0	Right Touch	633334	3500.01	135	69	17.00	16.42	0.538	0.615	51	19.11	
AG.1	Sub.3	Head	DFT-s OFDM QPSK	0	Right Touch	650000	3750.00	1	136	17.00	16.31	0.367	0.430		20.66	19.11
AG.1	Sub.3	Head	DFT-s OFDM QPSK	0	Right Touch	650000	3750.00	135	69	17.00	16.35	0.395	0.459		20.38	
AG.1	Sub.3	Head	DFT-s OFDM QPSK	0	Right Touch	662000	3930.00	1	136	17.00	16.39	0.378	0.435		20.62	
AG.1	Sub.3	Head	DFT-s OFDM QPSK	0	Right Touch	662000	3930.00	135	69	17.00	16.36	0.379	0.439		20.57	
AG.1	Sub.3	Head	DFT-s OFDM QPSK	0	Right Tilt	662000	3930.00	1	136	17.00	16.39	0.243	0.280		22.53	
AG.1	Sub.3	Head	DFT-s OFDM QPSK	0	Right Tilt	662000	3930.00	135	69	17.00	16.36	0.257	0.298		22.26	
AG.1	Sub.3	Head	CP OFDM	0	Right Touch	633334	3500.01	1	1	17.50	16.99	0.369	0.415		21.32	
AG.1	Sub.3	Body worn & Hotspot	DFT-s OFDM QPSK	5	Rear	633334	3500.01	1	136	14.50	13.57	0.376	0.466		17.82	
AG.1	Sub.3	Body worn & Hotspot	DFT-s OFDM QPSK	5	Rear	633334	3500.01	135	69	14.50	13.62	0.367	0.449		17.97	
AG.1	Sub.3	Body worn & Hotspot	DFT-s OFDM QPSK	5	Rear	662000	3930.00	1	136	14.50	13.49	0.191	0.241		20.68	
AG.1	Sub.3	Body worn & Hotspot	DFT-s OFDM QPSK	5	Rear	662000	3930.00	135	69	14.50	13.58	0.193	0.239		20.72	
AG.1	Sub.3	Body worn & Hotspot	DFT-s OFDM QPSK	5	Front	662000	3930.00	1	136	14.50	13.49	0.057	0.072		25.93	
AG.1	Sub.3	Body worn & Hotspot	DFT-s OFDM QPSK	5	Front	662000	3930.00	135	69	14.50	13.58	0.114	0.141		23.01	
AG.1	Sub.3	Hotspot	DFT-s OFDM QPSK	5	Top	662000	3930.00	1	136	14.50	13.49	0.082	0.103		24.35	17.02
AG.1	Sub.3	Hotspot	DFT-s OFDM QPSK	5	Top	662000	3930.00	135	69	14.50	13.58	0.121	0.150		22.75	
AG.1	Sub.3	Hotspot	DFT-s OFDM QPSK	5	Left	633334	3500.01	1	136	14.50	13.57	0.352	0.436		18.10	
AG.1	Sub.3	Hotspot	DFT-s OFDM QPSK	5	Left	633334	3500.01	135	69	14.50	13.62	0.457	0.560	52	17.02	
AG.1	Sub.3	Hotspot	DFT-s OFDM QPSK	5	Left	662000	3930.00	1	136	14.50	13.49	0.274	0.346		19.11	
AG.1	Sub.3	Hotspot	DFT-s OFDM QPSK	5	Left	662000	3930.00	135	69	14.50	13.58	0.265	0.328		19.35	
AG.1	Sub.3	Body worn & Hotspot	CP OFDM	5	Left	633334	3500.01	1	1	14.50	13.14	0.356	0.487		17.63	

(SRS2/SRS3)

Antenna Group	Antenna	RF Exposure Condition	Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Tune-up Limit (dBm)	Meas. (dBm)	Meas. 1g (W/kg)	Reported. 1g (W/kg)	Plot No.	Part0 Plimit	Minimum Plimit
AG.0	Main.2	Head	CW	0	Left Touch	662000	3930.00	20.00	19.42	0.006	0.007		41.64	
AG.0	Main.2	Head	CW	0	Left Tilt	662000	3930.00	20.00	19.42	0.004	0.005		43.40	
AG.0	Main.2	Head	CW	0	Right Touch	633334	3500.01	20.00	18.62	0.005	0.007		41.63	34.37
AG.0	Main.2	Head	CW	0	Right Touch	662000	3930.00	20.00	19.42	0.032	0.037		34.37	
AG.0	Main.2	Head	CW	0	Right Tilt	662000	3930.00	20.00	19.42	0.011	0.013		39.01	
AG.0	Main.2	Body worn & Hotspot	CW	5	Rear	633334	3500.01	20.00	18.62	0.771	1.059	53	19.75	
AG.0	Main.2	Body worn & Hotspot	CW	5	Rear	650000	3750.00	20.00	19.22	0.870	1.041		19.82	
AG.0	Main.2	Body worn & Hotspot	CW	5	Rear	662000	3930.00	20.00	19.42	0.729	0.833		20.79	
AG.0	Main.2	Body worn & Hotspot	CW	5	Front	633334	3500.01	20.00	18.62	0.212	0.291		25.36	
AG.0	Main.2	Body worn & Hotspot	CW	5	Front	650000	3750.00	20.00	19.22	0.421	0.504		22.98	19.75
AG.0	Main.2	Body worn & Hotspot	CW	5	Front	662000	3930.00	20.00	19.42	0.474	0.542		22.66	
AG.0	Main.2	Hotspot	CW	5	Left	662000	3930.00	20.00	19.42	0.142	0.162		27.90	
AG.0	Main.2	Hotspot	CW	5	Bottom	650000	3750.00	20.00	19.22	0.645	0.772		21.12	
AG.0	Main.2	Hotspot	CW	5	Bottom	662000	3930.00	20.00	19.42	0.525	0.600		22.22	
Antenna Group	**Antenna**	**RF Exposure Condition**	**Mode**	**Dist (mm)**	**Test Position**	**Channel**	**Freq. (MHz)**	**Tune-up Limit (dBm)**	**Meas. (dBm)**	**Meas. 1g (W/kg)**	**Reported. 1g (W/kg)**	**Plot No.**	**Part0 Plimit**	**Minimum Plimit**
AG.1	Sub.7	Head	CW	0	Left Touch	650000	3750.0	15.50	13.75	0.017	0.025		31.45	
AG.1	Sub.7	Head	CW	0	Left Tilt	650000	3750.0	15.50	13.75	0.022	0.033		30.33	
AG.1	Sub.7	Head	CW	0	Right Touch	633334	3500.0	15.50	14.33	0.055	0.072		26.93	26.93
AG.1	Sub.7	Head	CW	0	Right Touch	650000	3750.0	15.50	13.75	0.025	0.037		29.77	
AG.1	Sub.7	Head	CW	0	Right Tilt	650000	3750.0	15.50	13.75	0.025	0.037		29.77	
AG.1	Sub.7	Body worn & Hotspot	CW	5	Rear	633334	3500.0	15.50	14.33	0.507	0.664		17.28	
AG.1	Sub.7	Body worn & Hotspot	CW	5	Rear	650000	3750.0	15.50	13.75	0.244	0.365		19.88	
AG.1	Sub.7	Body worn & Hotspot	CW	5	Rear	662000	3930.0	15.50	13.52	0.297	0.469		18.79	
AG.1	Sub.7	Body worn & Hotspot	CW	5	Front	650000	3750.0	15.50	13.75	0.015	0.022		31.99	17.28
AG.1	Sub.7	Hotspot	CW	5	Top	650000	3750.0	15.50	13.75	0.064	0.096		25.69	
AG.1	Sub.7	Hotspot	CW	5	Right	650000	3750.0	15.50	13.75	0.018	0.027		31.20	

Note(s):

1. NR Band n77(Voice/Data/SRS1, SRS2, SRS3 and SRS4) tested using test mode software.
2. CP-OFDM mode were evaluated at worst configuration of DFT-s-OFDM in each exposure conditions.
3. NR Band n77-DoD are tested at worst configuration of NR Band n77 band.

NR Band n77 (100MHz Bandwdth) (SRS4)_(Continued)

Antenna Group	Antenna	RF Exposure Condition	Mode	Dist (mm)	Test Position	Channel	Freq. (MHz)	Tune-up Limit (dBm)	Meas. (dBm)	Meas. 1g (W/kg)	Reported. 1g (W/kg)	Plot No.	Part0 Plimit	Minimum Plimit
AG.1	Sub.8	Head	CW	0	Left Touch	650000	3750.00	19.50	18.54	0.180	0.225		25.99	
AG.1	Sub.8	Head	CW	0	Left Tilt	650000	3750.00	19.50	18.54	0.216	0.269		25.20	
AG.1	Sub.8	Head	CW	0	Right Touch	650000	3750.00	19.50	18.54	0.235	0.293		24.83	24.77
AG.1	Sub.8	Head	CW	0	Right Tilt	633334	3500.01	19.50	18.81	0.060	0.070		31.03	
AG.1	Sub.8	Head	CW	0	Right Tilt	650000	3750.00	19.50	18.54	0.238	0.297	54	24.77	
AG.1	Sub.8	Body worn & Hotspot	CW	5	Rear	633334	3500.01	19.50	18.81	0.217	0.254		25.45	
AG.1	Sub.8	Body worn & Hotspot	CW	5	Rear	650000	3750.00	19.50	18.54	0.233	0.291		24.87	
AG.1	Sub.8	Body worn & Hotspot	CW	5	Front	650000	3750.00	19.50	18.54	0.077	0.096		29.68	24.87
AG.1	Sub.8	Hotspot	CW	5	Top	650000	3750.00	19.50	18.54	0.159	0.198		26.53	
AG.1	Sub.8	Hotspot	CW	5	Left	650000	3750.00	19.50	18.54	0.031	0.039		33.63	

Note(s):

1. NR Band n77(SRS4) tested using test mode software.
2. CP-OFDM mode were evaluated at worst configuration of DFT-s-OFDM in each exposure conditions.
3. NR Band n77-DoD are tested at worst configuration of NR Band n77 band.

10.26. Wi-Fi (DTS Band)

DTS SISO SAR results

Antenna	Frequency Band	Mode	RF Exposure Condition	Power Back-off	Dist (mm)	Test Position	Channel	Freq. (MHz)	Area Scan Max. SAR (W/kg)	Duty Cycle (%)	Tune-up Limit (dBm)	Meas. (dBm)	Meas. 1g (W/kg)	Reported. 1g (W/kg)	Plot No.	Note
WLAN SISO Sub.4	2.4GHz	802.11b 1Mbps	Head	ON	0	Left Touch	11	2462.0	0.159	98.92%	13.00	12.19				
			Head	ON	0	Left Tilt	11	2462.0	0.092	98.92%	13.00	12.19				
			Head	ON	0	Right Touch	11	2462.0	0.455	98.92%	13.00	12.19	0.283	0.345	55	1
			Head	ON	0	Right Tilt	11	2462.0	0.208	98.92%	13.00	12.19				
			Body worn & Hotspot	OFF	5	Rear	11	2462.0	0.720	98.92%	15.00	14.00	0.446	0.568		2
			Body worn & Hotspot	OFF	5	Front	11	2462.0	0.486	98.92%	15.00	14.00	0.332	0.423		4
			Hotspot	OFF	5	Top	11	2462.0	0.289	98.92%	15.00	14.00				
			Hotspot	OFF	5	Left	11	2462.0	0.700	98.92%	15.00	14.00	0.449	0.571	56	
WLAN SISO Sub.2	2.4GHz	802.11b 1Mbps	Head	ON	0	Left Touch	6	2437.0	0.193	98.92%	13.00	12.17				
			Head	ON	0	Left Tilt	6	2437.0	0.229	98.92%	13.00	12.17				
			Head	ON	0	Right Touch	6	2437.0	0.313	98.92%	13.00	12.17				
			Head	ON	0	Right Tilt	6	2437.0	0.319	98.92%	13.00	12.17	0.257	0.315		1
			Body worn & Hotspot	OFF	5	Rear	11	2462.0	0.632	98.92%	18.00	17.43	0.423	0.488		2
			Body worn & Hotspot	OFF	5	Front	11	2462.0	0.134	98.92%	18.00	17.43				
			Hotspot	OFF	5	Top	11	2462.0	0.742	98.92%	18.00	17.43	0.491	0.566		
			Hotspot	OFF	5	Left	11	2462.0	0.081	98.92%	18.00	17.43				

DTS MIMO SAR results

Antenna	Frequency Band	Mode	RF Exposure Condition	Power Back-off	Dist (mm)	Test Position	Channel	Freq. (MHz)	Area Scan Max. SAR (W/kg)	Duty Cycle (%)	Tune-up Limit (dBm)	Meas. (dBm)	Cube	Meas. 1g (W/kg)	Reported. 1g (W/kg)	Plot No.	Note
WLAN MIMO Sub.4	2.4GHz	802.11g 6Mbps	Head	ON	0	Left Touch	11	2462.0	0.361	96.35%	13.00	12.05	N/A				
			Head	ON	0	Left Tilt	11	2462.0	0.428	96.35%	13.00	12.05	N/A				
			Head	ON	0	Right Touch	11	2462.0	0.489	96.35%	13.00	12.05	N/A	0.334	0.431	57	1
			Head	ON	0	Right Tilt	11	2462.0	0.274	96.35%	13.00	12.05	N/A				
			Body worn & Hotspot	OFF	5	Rear	11	2462.0	0.919	96.35%	15.00	14.11	1	0.611	0.778	58	2,5
			Body worn & Hotspot	OFF	5	Rear	11	2462.0	0.919	96.35%	15.00	14.11	2	0.345	0.440		2,5
			Body worn & Hotspot	OFF	5	Front	11	2462.0	0.556	96.35%	15.00	14.11	1	0.184	0.234		4,5
			Body worn & Hotspot	OFF	5	Front	11	2462.0	0.556	96.35%	15.00	14.11	2	0.063	0.080		4,5
			Hotspot	OFF	5	Top	11	2462.0	0.347	96.35%	15.00	14.11	N/A				
			Hotspot	OFF	5	Left	11	2462.0	1.057	96.35%	15.00	14.11	N/A	0.557	0.710		5
WLAN MIMO Sub.2	2.4GHz	802.11g 6Mbps	Head	ON	0	Left Touch	11	2462.0	0.361	96.35%	13.00	12.64	N/A	0.231	0.260		
			Head	ON	0	Left Tilt	11	2462.0	0.428	96.35%	13.00	12.64	N/A	0.279	0.315		
			Head	ON	0	Right Touch	11	2462.0	0.489	96.35%	13.00	12.64	N/A				1
			Head	ON	0	Right Tilt	11	2462.0	0.274	96.35%	13.00	12.64	N/A				
			Body worn & Hotspot	OFF	5	Rear	11	2462.0	0.919	96.35%	18.00	17.50	N/A				
			Body worn & Hotspot	OFF	5	Front	11	2462.0	0.556	96.35%	18.00	17.50	N/A				
			Hotspot	OFF	5	Top	11	2462.0	0.347	96.35%	18.00	17.50	N/A				
			Hotspot	OFF	5	Left	11	2462.0	1.057	96.35%	18.00	17.50	N/A				

Note(s):

1. When the Highest reported SAR is ≤ 0.4W/kg (1-g respectively). Therefore, further SAR measurements within this exposure condition are not required.
2. Highest reported SAR is > 0.4W/kg (1-g respectively). Due to the highest reported SAR for this test position, other test positions in this exposure condition were evaluated until a SAR ≤ 0.8 W/kg (1-g respectively) was reported.
3. Testing for a second channel was required because the reported SAR for this test position was > 0.8 W/kg (1-g respectively).
4. Additional testing required in order satisfying FCC simultaneous transmission limit criteria.
5. For DTS MIMO SAR test, Each Antenna has different target power (>1.0 dB) during MIMO operation. So the highest scale range was applied to MIMO measured SAR results and reported SAR was determined.

10.27. Wi-Fi (U-NII Bands)

U-NII 2A MIMO Sub.3+5 SAR results

Antenna		RF Exposure Condition	Mode	Power Back-off	Dist (mm)	Test Position	Channel	Freq. (MHz)	Area Scan Max. SAR (W/kg)	Duty Cycle (%)	Tune-up Limit (dBm)	Meas. (dBm)	Meas. 1g (W/kg)	Reported. 1g (W/kg)	Plot No.	Note
Sub. 3+5	MIMO Sub. 3	Head	802.11ac VHT80	ON	0	Left Touch	58	5290.0	0.070	94.60	11.00	10.98				
Sub. 3+5		Head	802.11ac VHT80	ON	0	Left Tilt	58	5290.0	0.066	94.60	11.00	10.98				
Sub. 3+5		Head	802.11ac VHT80	ON	0	Right Touch	58	5290.0	0.259	94.60	11.00	10.98				
Sub. 3+5		Head	802.11ac VHT80	ON	0	Right Tilt	58	5290.0	0.158	94.60	11.00	10.98				
Sub. 3+5		Body worn & Near Body	802.11ac VHT80	OFF	5	Rear	58	5290.0	0.269	94.60	12.00	10.84				
Sub. 3+5		Body worn & Near Body	802.11ac VHT80	OFF	5	Front	58	5290.0	0.173	94.60	12.00	10.84				
Sub. 3+5		Near Body	802.11ac VHT80	OFF	5	Top	58	5290.0	0.134	94.60	12.00	10.84	0.079	0.109		4
Sub. 3+5		Near Body	802.11ac VHT80	OFF	5	Left	58	5290.0	0.398	94.60	12.00	10.84				
Sub. 3+5	MIMO Sub. 5	Head	802.11ac VHT80	ON	0	Left Touch	58	5290.0	0.070	94.60	12.00	10.20				
Sub. 3+5		Head	802.11ac VHT80	ON	0	Left Tilt	58	5290.0	0.066	94.60	12.00	10.20				
Sub. 3+5		Head	802.11ac VHT80	ON	0	Right Touch	58	5290.0	0.259	94.60	12.00	10.20	0.192	0.307	59	1
Sub. 3+5		Head	802.11ac VHT80	ON	0	Right Tilt	58	5290.0	0.158	94.60	12.00	10.20				
Sub. 3+5		Body worn & Near Body	802.11ac VHT80	OFF	5	Rear	58	5290.0	0.269	94.60	13.00	12.56	0.193	0.226		4
Sub. 3+5		Body worn & Near Body	802.11ac VHT80	OFF	5	Front	58	5290.0	0.173	94.60	13.00	12.56	0.125	0.146		4
Sub. 3+5		Near Body	802.11ac VHT80	OFF	5	Top	58	5290.0	0.134	94.60	13.00	12.56				
Sub. 3+5		Near Body	802.11ac VHT80	OFF	5	Left	58	5290.0	0.398	94.60	13.00	12.56	0.291	0.340	60	1

U-NII 2C MIMO Sub.3+5 SAR results

Antenna		RF Exposure Condition	Mode	Power Back-off	Dist (mm)	Test Position	Channel	Freq. (MHz)	Area Scan Max. SAR (W/kg)	Duty Cycle (%)	Tune-up Limit (dBm)	Meas. (dBm)	Meas. 1g (W/kg)	Reported. 1g (W/kg)	Plot No.	Note
Sub.3+5	MIMO Sub.3	Head	802.11ac MCS 0	ON	0	Left Touch	106	5530.0	0.118	94.60	11.00	10.94				
Sub.3+5		Head	802.11ac MCS 0	ON	0	Left Tilt	106	5530.0	0.113	94.60	11.00	10.94				
Sub.3+5		Head	802.11ac MCS 0	ON	0	Right Touch	106	5530.0	0.335	94.60	11.00	10.94				
Sub.3+5		Head	802.11ac MCS 0	ON	0	Right Tilt	106	5530.0	0.190	94.60	11.00	10.94				
Sub.3+5		Body worn & Near Body	802.11ac MCS 0	OFF	5	Rear	106	5530.0	0.392	94.60	12.00	10.68				
Sub.3+5		Body worn & Near Body	802.11ac MCS 0	OFF	5	Front	106	5530.0	0.350	94.60	12.00	10.68				
Sub.3+5		Near Body	802.11ac MCS 0	OFF	5	Top	106	5530.0	0.242	94.60	12.00	10.68	0.203	0.291		4
Sub.3+5		Near Body	802.11ac MCS 0	OFF	5	Left	106	5530.0	0.604	94.60	12.00	10.68				
Sub.3+5	MIMO Sub.5	Head	802.11ac MCS 0	ON	0	Left Touch	106	5530.0	0.118	94.60	12.00	10.70				
Sub.3+5		Head	802.11ac MCS 0	ON	0	Left Tilt	106	5530.0	0.113	94.60	12.00	10.70				
Sub.3+5		Head	802.11ac MCS 0	ON	0	Right Touch	106	5530.0	0.335	94.60	12.00	10.70	0.255	0.364	61	1
Sub.3+5		Head	802.11ac MCS 0	ON	0	Right Tilt	106	5530.0	0.190	94.60	12.00	10.70				
Sub.3+5		Body worn & Near Body	802.11ac MCS 0	OFF	5	Rear	106	5530.0	0.392	94.60	13.00	12.67	0.320	0.365		2
Sub.3+5		Body worn & Near Body	802.11ac MCS 0	OFF	5	Front	106	5530.0	0.350	94.60	13.00	12.67	0.248	0.283		4
Sub.3+5		Near Body	802.11ac MCS 0	OFF	5	Top	106	5530.0	0.242	94.60	13.00	12.67				
Sub.3+5		Near Body	802.11ac MCS 0	OFF	5	Left	106	5530.0	0.604	94.60	13.00	12.67	0.427	0.487	62	

Note(s):

1. When the Highest reported SAR is ≤ 0.4 or 1.0 W/kg (1-g or 10-g respectively). Therefore, further SAR measurements within this exposure condition are not required.
2. Highest reported SAR is > 0.4 or 1.0 W/kg (1-g or 10-g respectively). Due to the highest reported SAR for this test position, other test positions in this exposure condition were evaluated until a SAR ≤ 0.8 or 2.0 W/kg (1-g or 10-g respectively) was reported.
3. Testing for a second channel was required because the reported SAR for this test position was > 0.8 or 2.0 W/kg (1-g or 10-g respectively).
4. Additional testing required in order satisfying FCC simultaneous transmission limit criteria.
5. UNII-1 Hotspot mode is included in UNII-2A's Body SAR results

Wi-Fi (U-NII Bands) (Continued)

U-NII 3 MIMO Sub.3+5 SAR results

Antenna		RF Exposure Condition	Mode	Power Back-off	Dist (mm)	Test Position	Channel	Freq. (MHz)	Area Scan Max. SAR (W/kg)	Duty Cycle (%)	Tune-up Limit (dBm)	Meas. (dBm)	Meas. 1g (W/kg)	Reported. 1g (W/kg)	Plot No.	Note
Sub. 3+5	MIMO Sub. 3	Head	802.11ac VHT80	ON	0	Left Touch	155	5775.0	0.145	94.60	11.00	10.88				
Sub. 3+5		Head	802.11ac VHT80	ON	0	Left Tilt	155	5775.0	0.088	94.60	11.00	10.88				
Sub. 3+5		Head	802.11ac VHT80	ON	0	Right Touch	155	5775.0	0.481	94.60	11.00	10.88				
Sub. 3+5		Head	802.11ac VHT80	ON	0	Right Tilt	155	5775.0	0.266	94.60	11.00	10.88				
Sub. 3+5		Body worn & Hotspot	802.11ac VHT80	OFF	5	Rear	155	5775.0	0.511	94.60	12.00	10.83				
Sub. 3+5		Body worn & Hotspot	802.11ac VHT80	OFF	5	Front	155	5775.0	0.348	94.60	12.00	10.83				
Sub. 3+5		Hotspot	802.11ac VHT80	OFF	5	Top	155	5775.0	0.181	94.60	12.00	10.83	0.129	0.178		4
Sub. 3+5		Hotspot	802.11ac VHT80	OFF	5	Left	155	5775.0	0.648	94.60	12.00	10.83				
Sub. 3+5	MIMO Sub. 5	Head	802.11ac VHT80	ON	0	Left Touch	155	5775.0	0.145	94.60	12.00	11.60				
Sub. 3+5		Head	802.11ac VHT80	ON	0	Left Tilt	155	5775.0	0.088	94.60	12.00	11.60				
Sub. 3+5		Head	802.11ac VHT80	ON	0	Right Touch	155	5775.0	0.481	94.60	12.00	11.60	0.381	0.441	63	1
Sub. 3+5		Head	802.11ac VHT80	ON	0	Right Tilt	155	5775.0	0.266	94.60	12.00	11.60				
Sub. 3+5		Body worn & Hotspot	802.11ac VHT80	OFF	5	Rear	155	5775.0	0.511	94.60	13.00	12.20	0.410	0.521		2
Sub. 3+5		Body worn & Hotspot	802.11ac VHT80	OFF	5	Front	155	5775.0	0.348	94.60	13.00	12.20	0.261	0.332		4
Sub. 3+5		Hotspot	802.11ac VHT80	OFF	5	Top	155	5775.0	0.181	94.60	13.00	12.20				
Sub. 3+5		Hotspot	802.11ac VHT80	OFF	5	Left	155	5775.0	0.648	94.60	13.00	12.20	0.457	0.581	64	

Note(s):

1. When the Highest reported SAR is ≤ 0.4 or 1.0 W/kg (1-g or 10-g respectively). Therefore, further SAR measurements within this exposure condition are not required.
2. Highest reported SAR is > 0.4 or 1.0 W/kg (1-g or 10-g respectively). Due to the highest reported SAR for this test position, other test positions in this exposure condition were evaluated until a SAR ≤ 0.8 or 2.0 W/kg (1-g or 10-g respectively) was reported.
3. Testing for a second channel was required because the reported SAR for this test position was > 0.8 or 2.0 W/kg (1-g or 10-g respectively).
4. Additional testing required in order satisfying FCC simultaneous transmission limit criteria.

10.28. Bluetooth

Bluetooth SAR results

Antenna	Frequency Band	Mode	RF Exposure Condition	Power Back-off	Dist (mm)	Test Position	Channel	Freq. (MHz)	Duty Cycle (%)	Tune-up Limit (dBm)	Meas. (dBm)	Meas. 1g (W/kg)	Reported. 1g (W/kg)	Plot No.
BT SISO Sub.4	2.4GHz	GFSK DH5	Head	OFF	0	Left Touch	39	2441.0	76.99%	13.00	12.28	0.097	0.116	
			Head	OFF	0	Left Tilt	39	2441.0	76.99%	13.00	12.28	0.056	0.067	
			Head	OFF	0	Right Touch	39	2441.0	76.99%	13.00	12.28	0.153	0.183	65
			Head	OFF	0	Right Tilt	39	2441.0	76.99%	13.00	12.28	0.133	0.159	
			Body worn & Hotsopt	OFF	5	Rear	39	2441.0	76.99%	13.00	12.28	0.270	0.323	66
			Body worn & Hotsopt	OFF	5	Front	39	2441.0	76.99%	13.00	12.28	0.076	0.090	
			Hotsopt	OFF	5	Top	39	2441.0	76.99%	13.00	12.28	0.044	0.053	
			Hotsopt	OFF	5	Left	39	2441.0	76.99%	13.00	12.28	0.234	0.280	
BT SISO Sub.2	2.4GHz	GFSK DH5	Head	OFF	0	Left Touch	0	2402.0	76.99%	11.00	9.93	0.049	0.064	
			Head	OFF	0	Left Tilt	0	2402.0	76.99%	11.00	9.93	0.068	0.088	
			Head	OFF	0	Right Touch	0	2402.0	76.99%	11.00	9.93	0.086	0.111	
			Head	OFF	0	Right Tilt	0	2402.0	76.99%	11.00	9.93	0.089	0.115	
			Body worn & Hotsopt	OFF	5	Rear	0	2402.0	76.99%	11.00	9.93	0.176	0.228	
			Body worn & Hotsopt	OFF	5	Front	0	2402.0	76.99%	11.00	9.93	0.086	0.112	
			Hotsopt	OFF	5	Top	0	2402.0	76.99%	11.00	9.93	0.226	0.293	
			Hotsopt	OFF	5	Left	0	2402.0	76.99%	16.50	9.93	0.067	0.087	

10.29. NFC

Antenna	Mode	RF Exposure Conditions	Dist. (mm)	Test Position	Test setup		Freq. (MHz)	1-g SAR (W/kg)	Plot No.
					Type	Bitrate		Meas.	
NFC	PBRS	Near Body	5	Rear	A	106	13.56	0.028	67
				Front	A	106	13.56	0.000	
				Top	A	106	13.56	0.000	
				Left	A	106	13.56	0.000	

11. SAR Measurement Variability

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

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

Peak spatial-average (1g of tissue)

Frequency Band (MHz)	Air Interface	Antenna	RF Exposure Conditions	Test Position	Repeated SAR (Yes/No)	Highest Measured SAR (W/kg)	Repeated Measured SAR (W/kg)	Largest to Smallest SAR Ratio
850	WCDMA Band V	Main.1	Body worn & Hotspot	Rear	Yes	1.130	1.130	1.00
	LTE Band 26	Main.1	Body worn & Hotspot	Bottom	Yes	0.883	0.791	1.12
	NR Band n5	Main.1	Body worn & Hotspot	Rear	Yes	0.919	0.896	1.03
2300	LTE Band 30	Main.2	Body worn & Hotspot	Rear	Yes	0.931	0.922	1.01
2600	LTE Band 41	Main.2	Body worm & Hotspot	Rear	Yes	0.933	0.926	1.01
3500-3900	NR Band n77 SRS2	Main.2	Body worm & Hotspot	Rear	Yes	0.870	0.844	1.03

Note(s):

1. In above table, Only some bands above 0.8 or 2.0 W/kg (1-g or 10-g Measured SAR) were listed.

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

12. Simultaneous Transmission SAR Analysis

Simultaneous Transmission Condition

RF Exposure Condition	Item	Capable Transmit Configurations							
Head & Body-worn/Hotspot & Near body	1	WWAN (2G/3G/LTE/NR)	+	BT Ant.1 (Sub.4)	or	BT Ant.2 (Sub.2)			
	2	WWAN (2G/3G/LTE/NR)	+	DTS MIMO					
	3	WWAN (2G/3G/LTE/NR)	+	UNII MIMO					
	4	WWAN (2G/3G/LTE/NR)	+	DTS Ant.2 (Sub.2)	+	BT Ant.1 (Sub.4)			
	5	WWAN (2G/3G/LTE/NR)	+	UNII MIMO	+	BT Ant.1 (Sub.4)	or	BT Ant.2 (Sub.2)	
	6	(ENDC/ULCA)	+	BT Ant.1 (Sub.4)	or	BT Ant.2 (Sub.2)			
	7	(ENDC/ULCA)	+	DTS MIMO					
	8	(ENDC/ULCA)	+	UNII MIMO					
	9	(ENDC/ULCA)	+	DTS Ant.2 (Sub.2)	+	BT Ant.1 (Sub.4)			
	10	(ENDC/ULCA)	+	UNII MIMO	+	BT Ant.1 (Sub.4)	or	BT Ant.2 (Sub.2)	
	11	Item (1-10) + NFC in Near body 1-g conditions							

Notes:

1. DTS supports Wi-Fi Direct, Hotspot and VoIP.
2. U-NII supports Wi-Fi Direct, Hotspot and VoIP.
3. GPRS, W-CDMA, LTE, NR supports Hotspot and VoIP
4. U-NII Radio can transmit simultaneously with Bluetooth Radio.
5. DTS Radio(Only Ant.2) can transmit simultaneously with Bluetooth Radio(Only Ant.1).
6. NR Radio support to both SA and NSA(ENDC) Radio.
7. BT tethering is considered about each RF exposure conditions.
8. LTE/NR supports UL CA configuration.
9. DTS supports SISO/MIMO mode.
10. UNII supports only MIMO mode.

Note(s):

Qualcomm Smart Transmit algorithm support to WWAN except WLAN/BT/NFC. And This device has support two Antenna groups. Each antenna group has controlled the total RF exposure from all transmitters to not exceed FCC limit. Therefore, in Part.1 report, it is evaluated whether the sum of the groups of each antenna does not exceed FCC limit or spatial separation is applied. In addition, each antenna group need to satisfy simultaneous transmission analysis with External radios (WLAN/BT/NFC) in Part.1 report.

For Qualcomm Smart Transmit algorithm verification of within same antenna group, please refer to the Part.2 test report.

Simultaneous transmission SAR test exclusion considerations

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.

The antennas for the unlicensed transmitters are closely situated. As a result, the associated SAR hotspots are also closely situated. Some of the sum of SAR calculations yielded results over 1.6 W/kg. The SPSLR calculations for these situations were performed by treating the unlicensed SAR values as a single transmitter. The most conservative distance between all the unlicensed hotspots to the licensed hotspot was used for the value of *d* in the SPSLR calculation.

Sum to Peak Location Separation Ratio

Instead of doing a small volume scan over a co-located antenna pair (Hybrid SPLSR guide), Simultaneous transmission SAR test exclusion may algebraically sum the SAR values of the co-located pair and use that value in SPLSR calculation.

In the calculation Separation distance must use the minimum distance between the spatially separated antenna and the closest antenna of the co-located antenna pair to be conservative.

Antenna grouping consideration with ER(External Ratio)

The 2nd Generation phase Ⅳ+ of Smart Transmit (GEN2.4+) with Unified mode operates based on pre-defined antenna groups of Sub6 antennas. Sub6 Tx antennas in UE are grouped based on spatial variation of RF exposure distributions, where the RF exposure of one AG is mutually exclusive from the other AG. This is accomplished by demonstrating below conditions for all RF exposure scenarios (This procedures are follow according to Qualcomm's document (80-W2112-4));

1. **(Condition#1 Sum of AG0/AG1/ERs)** : Demonstrate that the sum of maximum *adjusted* SAR/PD from each of the sub6 and mmW AGs and the *adjusted* SAR/PD values from radios outside Smart Transmit should be less than the regulatory limit for each supported DSI.
2. **(Condition#2 SPLSR(or Sum-SPLSR) of each pairs(AG0/AG1/ERs))** : If the condition#1 is not met for only Sub6 antennas, then for a given antenna and module grouping scheme plus external radios/antennas (ERs), demonstrate all AG pairs, all ER pairs and all (AG, ER) pairs in the configuration meet SPLSR (SAR to Peak Location Ratio) criteria for each supported DSI (each RF exposure scenarios). For a conservative assessment of SPLSR, the separation distance between each AGs were determined using only the y-axis coordinates of the peak locations.

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

For a conservative assessment of SPLSR in Head exposure condition, the y-axis coordinates of the peak locations was used based on the ERP of each Right and Left phantoms.

Note : Adjusted SAR;

a. Adjusted SAR followed below procedures.
Exposure scaling for su6 antennas/radios (referred to as 'adjusted SAR' values):
If EFS Plimit =< NV setting Pax, then SAR exposure should be scaled to EFS Plimit + device uncertainty, else SAR exposure should be scaled to maximum {EFS Plimit, NV setting Pmax + device uncertainty}.

This device supports antenna groups like below table.

DSI No.	Antenna Groups	Grouped antenna list				
DSI= 0,3,4,5	AG0	Main1	Main2			
	AG1	Sub.2	Sub.3	Sub.7	Sub.8	
ER(s)		WLAN Ant.	BT Ant.	NFC Ant.		
ER = Exteral radios/antennas suppored ourtside of Smart Transmit						

This section verifies that Simultaneous transmission analysis of AG0/AG1/ERs satisfies to FCC limit using Condition#1 or Condition#2 guide.

12.1. Head (DSI=3) exposure Analysis

Condition#1 (Sum of SAR)

AG0's worst configuration

Antenna Group		AG0	AG0	AG0
Antenna		Main1	Main2	Highest Adjusted SAR
RF exposure	Test position	Adjusted SAR	Adjusted SAR	
Head	Left Touch	0.281	0.621	0.621
	Left Tilt	0.353	0.512	0.512
	Right Touch	0.316	0.318	0.318
	Right Tilt	0.202	0.361	0.361

AG1's worst configuration

Antenna Group		AG1	AG1	AG1	AG1	AG1
Antenna		Sub2	Sub3	Sub7	Sub8	Highest Adjusted SAR
RF exposure	Test position	Adjusted SAR	Adjusted SAR	Adjusted SAR	Adjusted SAR	
Head	Left Touch	0.414	0.281	0.070	0.225	0.414
	Left Tilt	0.480	0.223	0.076	0.269	0.480
	Right Touch	0.652	0.626	0.097	0.293	0.652
	Right Tilt	0.702	0.404	0.100	0.297	0.702

ER's worst configuration

Antenna Group		DTS MIMO	UNII+BT	DTS+BT	ER
Antenna		Sub2+4	Sub3+5	Sub2+4	Highest Reported SAR
RF exposure	Test position	Highest SAR (W/kg)	Highest SAR (W/kg)	Highest SAR (W/kg)	
Head	Left Touch	0.431	0.557	0.431	0.557
	Left Tilt	0.431	0.529	0.382	0.529
	Right Touch	0.431	0.624	0.498	0.624
	Right Tilt	0.431	0.523	0.474	0.523

AG0 and AG1 summation results

Antenna Group		AG0	AG1	ER	AG0 + AG1+ER	FCC SAR Limit
Antenna		All	All	Highest Reported SAR		
RF exposure	Test position	Highest Adjusted SAR	Highest Adjusted SAR			
Head	Left Touch	0.621	0.414	0.557	1.592	1.600
	Left Tilt	0.512	0.480	0.529	1.521	1.600
	Right Touch	0.318	0.652	0.624	1.594	1.600
	Right Tilt	0.361	0.702	0.523	1.586	1.600

Note(s):

Additional evaluation is not required due to below FCC SAR limit.

12.2. Body-worn/Hotspot/Near Body (DSI=0, 4, 5) exposure Analysis

Condition#1 (Sum of SAR)

AG0's worst configuration

Antenna Group		AG0	AG0	AG0
Antenna		Main1	Main2	Highest Adjusted SAR
RF exposure	Test position	Adjusted SAR	Adjusted SAR	
Body-worn & Hotspot	Rear	1.236	1.178	1.236
	Front	0.714	0.710	0.714
	Top	0.000	0.000	0.000
	Left	0.000	0.382	0.382
	Bottom	1.194	0.863	1.194
	Right	0.859	0.000	0.859

AG1's worst configuration

Antenna Group		AG1	AG1	AG1	AG1	AG1
Antenna		Sub2	Sub3	Sub7	Sub8	Highest Adjusted SAR
RF exposure	Test position	Adjusted SAR	Adjusted SAR	Adjusted SAR	Adjusted SAR	
Body-worn & Hotspot	Rear	0.667	0.527	0.664	0.674	0.674
	Front	0.405	0.248	0.058	0.220	0.405
	Top	0.749	0.377	0.156	0.454	0.749
	Left	0.159	0.656	0.000	0.089	0.656
	Bottom	0.000	0.000	0.000	0.000	0.000
	Right	0.000	0.000	0.054	0.000	0.054

ER's worst configuration

Antenna Group		DTS MIMO	UNII+BT	DTS+BT	ER
Antenna		Sub2+4	Sub3+5	Sub2+4	Highest Reported SAR
RF exposure	Test position	Highest SAR (W/kg)	Highest SAR (W/kg)	Highest SAR (W/kg)	
Body-worn & Hotspot	Rear	0.778	0.844	0.811	0.844
	Front	0.234	0.473	0.250	0.473
	Top	0.778	0.584	0.501	0.778
	Left	0.710	0.912	0.728	0.912
	Bottom	0.000	0.000	0.000	0.000
	Right	0.000	0.000	0.000	0.000

AG0 and AG1 summation results

Antenna Group		AG0	AG1	ER	ER-NFC	AG0 + AG1 + ER	FCC SAR Limit
Antenna		All	All	Highest Reported SAR	Highest Reported SAR		
RF exposure	Test position	Highest Adjusted SAR	Highest Adjusted SAR				
Body-worn & Hotspot	Rear	1.236	0.674	0.844	0.028	**2.782**	1.600
	Front	0.714	0.405	0.473	0.000	1.592	1.600
	Top	-	0.749	0.778	0.000	1.527	1.600
	Left	0.382	0.656	0.912	0.000	**1.950**	1.600
	Bottom	1.194	-	-	-	1.194	1.600
	Right	0.859	0.054	-	-	0.913	1.600

Note(s):

For Rear/Left positions, additional Sum SAR is required for each Bands/antennas.

Summation of each antennas of AG0, each antennas of AG1 and ER in Condition#1

AG0(Each antennas) and AG1(Each antennas) summation results

Positions	AG0		AG1		ER-SUM						Worst ER-SUM	AG0+AG1 +Worst ER-SUM	Note
					DTS MIMO + NFC		UNII + BT + NFC		DTS SISO + BT +NFC				
	Antenna	SAR	Antenna	SAR	Antenna	SAR	Antenna	SAR	Antenna	SAR	SAR		
Rear 5mm	Main1	1.24	Sub.2	0.67	Sub.2+4	0.81	Sub.3+5	0.87	Sub.2+4	0.84	0.87	2.78	1
		1.24	Sub.3	0.53		0.81		0.87		0.84	0.87	2.64	1
		1.24	Sub.7	0.66		0.81		0.87		0.84	0.87	2.77	1
		1.24	Sub.8	0.67		0.81		0.87		0.84	0.87	2.78	1
	Main2	1.18	Sub.2	0.67	Sub.2+4	0.81	Sub.3+5	0.87	Sub.2+4	0.84	0.87	2.72	1
		1.18	Sub.3	0.53		0.81		0.87		0.84	0.87	2.58	1
		1.18	Sub.7	0.66		0.81		0.87		0.84	0.87	2.71	1
		1.18	Sub.8	0.67		0.81		0.87		0.84	0.87	2.72	1
Left 5mm	Main1	0.00	Sub.2	0.16	Sub.2+4	0.71	Sub.3+5	0.91	Sub.2+4	0.73	0.91	1.07	
		0.00	Sub.3	0.66		0.71		0.91		0.73	0.91	1.57	
		0.00	Sub.7	0.00		0.71		0.91		0.73	0.91	0.91	
		0.00	Sub.8	0.09		0.71		0.91		0.73	0.91	1.00	
	Main2	0.38	Sub.2	0.16	Sub.2+4	0.71	Sub.3+5	0.91	Sub.2+4	0.73	0.91	1.45	
		0.38	Sub.3	0.66		0.71		0.91		0.73	0.91	1.95	1
		0.38	Sub.7	0.00		0.71		0.91		0.73	0.91	1.29	
		0.38	Sub.8	0.09		0.71		0.91		0.73	0.91	1.38	
Note.1 = SPLSR (or SUM SPLSR) criteria													

Note(s):

1. Additional evaluation is required due to over FCC limit. So please refer to Condition#2.

Condition#2 (Sum-SPLSR)

AG0(Sub6) & AG1(Sub6)+ER : Sum-SPLSR combinations

Highest Reported SAR and Peak SAR location (only Y-axis location) in each WWAN&WLAN Bands in each Antennas

Positions	Antenna Group	Antenna	Bands	Adjusted SAR (W/kg)	Y-axis(mm)	SPLSR (Y/N)	Antenna Group	Antenna	AG1 Bands	AG1 Adjusted SAR (W/kg)	AG1 Y-axis(mm)	ER Band	ER Highest SAR (W/kg)	ER Y-axis(mm)	Antenna	AG1+ER Bands	AG1+ER Adjusted SAR (W/kg)	AG1+ER Closet Y-axis(mm)	SPLSR (Y/N)
Rear -5mm	AG0	Main1	GSM 850	0.623	81.1	Y	AG1	Sub.2	LTE B66	0.634	-81.5	DTS+NFC	0.806	-38.9	Sub.2	LTE B66	1.506	-38.9	Y
			WCDMA B5	1.236	79.9	Y			LTE B25	0.578	-76.0	DTS+BT+NFC	0.839	-38.9		LTE B25	1.450	-38.9	Y
			LTE B71	0.779	79.4	Y			LTE B7	0.637	-79.5	UNII+BT+NFC	0.872	-38.9		LTE B7	1.509	-38.9	Y
			LTE B12	0.374	80.1	Y			LTE B41	0.284	-76.0	Worst configuration	0.872	-38.9		LTE B41	1.156	-38.9	Y
			LTE B13	0.528	79.9	Y			NR Bn70	0.667	-85.5					NR Bn70	1.539	-38.9	Y
			LTE B14	0.852	79.9	Y			NR Bn66	0.555	-84.0					NR Bn66	1.427	-38.9	Y
			LTE B26	1.171	81.5	Y			NR Bn25	0.646	-72.0					NR Bn25	1.518	-38.9	Y
			NR Bn71	0.949	80.6	Y			NR Bn41	0.276	-78.8					NR Bn41	1.148	-38.9	Y
			NR Bn5	1.050	82.4	Y			Worst configuration	0.667	-72.0					Worst configuration	1.539	-38.9	
			Worst configuration	1.236	80.6			Sub.3	LTE B48	0.325	-74.5				Sub.3	LTE B48	1.197	-38.9	Y
		Main2	GSM 1900	0.573	82.0	Y			NR Bn48	0.527	-71.0					NR Bn48	1.399	-38.9	Y
			WCDMA B2	1.066	80.5	Y			NR Bn77	0.446	-66.6					NR Bn77	1.318	-38.9	Y
			WCDMA B4	1.096	79.0	Y			Worst configuration	0.527	-66.6					Worst configuration	1.399	-38.9	
			LTE B66	0.852	80.0	Y		Sub.7	NR Bn48 (SRS3)	0.348	-73.5				Sub.7	NR Bn48 (SRS3)	1.220	-38.9	Y
			LTE B25	0.578	82.5	Y			NR Bn77 (SRS3)	0.664	-72.8					NR Bn77 (SRS3)	1.536	-38.9	Y
			LTE B30	1.156	80.0	Y			Worst configuration	0.664	-72.8					Worst configuration	1.536	-38.9	
			LTE B7	1.150	81.0	Y		Sub.8	NR Bn48 (SRS4)	0.674	-74.0				Sub.8	NR Bn48 (SRS4)	1.546	-38.9	Y
			LTE B41	1.178	82.0	Y			NR Bn77 (SRS4)	0.667	-67.0					NR Bn77 (SRS4)	1.539	-38.9	Y
			NR Bn70	0.591	79.0	Y			Worst configuration	0.674	-67.0					Worst configuration	1.546	-38.9	
			NR Bn66	0.639	80.0	Y													
			NR Bn25	0.763	83.5	Y													
			NR Bn30	1.057	80.0	Y													
			NR Bn41	0.730	79.0	Y													
			NR Bn48 (SRS2)	1.003	77.7	Y													
			NR Bn77 (SRS2)	1.059	77.3	Y													
			Worst configuration	1.178	77.3														

Positions	Antenna Group	Antenna	Bands	Adjusted SAR (W/kg)	Y-axis(mm)	SPLSR (Y/N)	Antenna Group	Antenna	AG1 Bands	AG1 Adjusted SAR (W/kg)	AG1 Y-axis(mm)	AG1 Band	AG1 Highest SAR (W/kg)	AG1 Y-axis(mm)	Antenna	AG1+ER Bands	AG1+ER Adjusted SAR (W/kg)	AG1+ER Closet Y-axis(mm)	SPLSR (Y/N)
Left edge -5mm	AG0	Main2	GSM 1900	0.109	72.0	Y	AG1	Sub.2	LTE B66	0.150		DTS+NFC	0.710	-58.1	Sub.2	LTE B66	1.062		N
			WCDMA B2	0.316	72.0	Y			LTE B25	0.074		DTS+BT+NFC	0.728	-59.3		LTE B25	0.986		N
			WCDMA B4	0.382	65.5	Y			LTE B7	0.159		UNII+BT+NFC	0.912	-54.6		LTE B7	1.071		N
			LTE B66	0.219	69.5	Y			LTE B41	0.059		Worst configuration	0.912	-54.6		LTE B41	0.971		N
			LTE B25	0.210	73.5	Y			NR Bn70	0.101						NR Bn70	1.013		N
			LTE B30	0.274	71.0	Y			NR Bn66	0.121						NR Bn66	1.033		N
			LTE B7	0.171	74.0	Y			NR Bn25	0.083						NR Bn25	0.995		N
			LTE B41	0.116	75.0	Y			NR Bn41	0.072						NR Bn41	0.984		N
			NR Bn70	0.229	68.5	Y			Worst configuration	0.159	0.0					Worst configuration	1.071	0.0	
			NR Bn66	0.250	73.0	Y		Sub.3	LTE B48	0.656	-66.5				Sub.3	LTE B48	1.568	-54.6	Y
			NR Bn25	0.257	73.5	Y			NR Bn48	0.553	-62.5					NR Bn48	1.465	-62.5	Y
			NR Bn30	0.309	71.0	Y			NR Bn77	0.560	-67.0					NR Bn77	1.472	-67.0	Y
			NR Bn41	0.072	43.0	Y			Worst configuration	0.656	-62.5					Worst configuration	1.568	-54.6	
			NR Bn48 (SRS1)	0.057	66.0	Y		Sub.8	NR Bn48 (SRS3)	0.053					Sub.8	NR Bn48 (SRS3)	0.965		N
			NR Bn77 (SRS1)	0.162	66.9	Y			NR Bn77 (SRS3)	0.089						NR Bn77 (SRS3)	1.001		N
			Worst configuration	0.382	43.0				Worst configuration	0.089	0.0					Worst configuration	1.001	0.0	

Note(s):

Closet Y-axis determined the closet distance from AG0's location in table.

AG0(Sub6) & AG1(Sub6)+ER : Sum-SPLSR calculation results

Test Position	No.	Antenna pairs		AG0		AG1+ER		AG0+AG1+ER SUM SAR (W/kg)	SPLSR Results
		AG0	AG1+ER	SAR (W/kg)	Y-axis location (mm)	SAR (W/kg)	Closet Y-axis location (mm)		
Rear 5mm	1	Main1	Sub.2	1.236	80.6	1.539	-38.9	2.775	**0.04**
	2	Main1	Sub.3	1.236	80.6	1.399	-38.9	2.635	**0.04**
	3	Main1	Sub.7	1.236	80.6	1.536	-38.9	2.772	**0.04**
	4	Main1	Sub.8	1.236	80.6	1.546	-38.9	2.782	**0.04**
	5	Main2	Sub.2	1.178	77.3	1.539	-38.9	2.717	**0.04**
	6	Main2	Sub.3	1.178	77.3	1.399	-38.9	2.577	**0.04**
	7	Main2	Sub.7	1.178	77.3	1.536	-38.9	2.714	**0.04**
	8	Main2	Sub.8	1.178	77.3	1.546	-38.9	2.724	**0.04**

Test Position	No.	Antenna pairs		AG0		AG1+ER		AG0+AG1 SUM SAR (W/kg)	SPLSR Results
		AG0	AG1+ER	SAR (W/kg)	Y-axis location (mm)	SAR (W/kg)	Closet Y-axis location (mm)		
Left edge 5mm	1	Main2	Sub.3	0.382	43.0	1.568	-54.6	1.950	**0.03**

Note(s):

Worst combinations Sum-SPLSR criteria results is not over 0.04 (1-g SAR) in Sub6 antenna configurations. So additional test is not required.

Conclusion:

Simultaneous Transmission SAR analysis results is satisfied the FCC Limit requirement according to follow procedures with “Sum of SAR” of “SPLSR(or Sum-SPLSR)”.

Appendixes

Refer to separated files for the following appendixes.

S-4791547056-S1 FCC Report SAR_App A_Photos & Ant. Locations

S-4791547056-S1 FCC Report SAR_App B_Highest SAR Test Plots

S-4791547056-S1 FCC Report SAR_App C_System Check Plots

S-4791547056-S1 FCC Report SAR_App D_SAR Tissue Ingredients

S-4791547056-S1 FCC Report SAR_App E_Probe Cal. Certificates

S-4791547056-S1 FCC Report SAR_App F_Dipole Cal. Certificates

END OF REPORT