FCC SAR Test Report

Report No.	:	**PSZ-QBJ2501200112SA03**
Applicant	:	**Xiaomi Communications Co., Ltd.**
Address	:	**#019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District, Beijing, China, 100085**
Manufacturer	:	**Xiaomi Communications Co., Ltd.**
Address	:	**#019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District, Beijing, China, 100085**
Product	:	**Mobile phone**
FCC ID	:	**2AFZZPC47G**
Brand	:	**POCO**
Model No.	:	**25053PC47G**
Standards	:	**FCC 47 CFR Part 2 (2.1093) / IEEE C95.1:1992 / IEEE 1528:2013 KDB 865664 D01 v01r04 / KDB 865664 D02 v01r02 / KDB 248227 D01 v02r02 KDB 447498 D01 v06 / KDB 648474 D04 v01r03 / KDB 941225 D01 v03r01 KDB 941225 D05 v02r05 / KDB 941225 D06 v02r01**
Date of Testing	:	**Feb. 15, 2025 ~ Mar. 16, 2025**
FCC Designation No.	:	**CN1325** **FCC Site Registration No.** : **434559**

CERTIFICATION: The above equipment have been tested by **Huarui 7layers High Technology (Suzhou) Co., Ltd.**, and found compliance with the requirement of the above standards. The test record, data evaluation & Equipment Under Test (EUT) configurations represented herein are true and accurate accounts of the measurements of the sample's SAR characteristics under the conditions specified in this report. It should not be reproduced except in full, without the written approval of our laboratory. The client should not use it to claim product certification, approval, or endorsement by A2LA or any government agencies.

Prepared By : Chang Gao
Chang Gao / Engineer

Approved By : Sun Peibo
Peibo Sun / Manager

Table of Contents

Release Control Record

Report No.	Reason for Change	Date Issued
PSZ-QBJ2501200112SA03	Initial release	Mar. 31, 2025

1. Summary of Maximum SAR Value

Equipment Class	Mode	Highest Reported Head SAR_{1g} (W/kg)	Highest Reported Body-worn SAR_{1g} (1.5 cm Gap) (W/kg)	Highest Reported Hotspot SAR_{1g} (1.0 cm Gap) (W/kg)	Highest Reported Extremity SAR_{10g} (0 cm Gap) (W/kg)
PCE	GSM850	0.59	0.66	0.57	2.38
	GSM1900	0.71	0.23	0.23	N/A
	WCDMA II	1.03	0.75	0.36	1.55
	WCDMA IV	0.84	0.91	0.72	2.52
	WCDMA V	0.76	0.57	0.72	1.48
	LTE 2	0.95	0.69	0.29	2.26
	LTE 4	0.98	0.78	0.27	2.24
	LTE 5	1.02	N/A	0.72	1.25
	LTE 7	0.94	0.65	0.62	2.53
	LTE 26	0.79	0.38	0.63	1.27
	LTE 38	1.00	0.27	0.37	1.97
	LTE 41	0.89	0.64	0.55	2.30
	LTE 42	0.79	0.64	0.67	2.37
	LTE 48	1.08	0.48	0.71	2.16
	LTE 66	0.91	0.80	0.75	2.58
	NR n2	1.00	0.69	0.37	1.81
	NR n5	0.70	0.36	0.65	2.12
	NR n7	1.04	0.73	0.69	2.42
	NR n38	0.72	0.47	0.43	2.30
	NR n41	1.01	0.43	0.55	1.80
	NR n48	1.09	0.47	0.63	2.56
	NR n66	1.09	0.75	0.97	2.58
	NR n77	0.97	0.72	0.57	1.90
	NR n78	0.33	0.10	0.09	1.44
DTS	2.4G WLAN	0.93	0.17	0.28	N/A
NII	5G WLAN	1.07	0.33	0.42	2.15
DSS	Bluetooth	0.32	0.14	0.25	N/A
DXX	NFC	N/A	N/A	N/A	N/A

Highest Simultaneous Transmission SAR_{1g}	PCE (W/kg)	DTS (W/kg)	NII (W/kg)	DSS (W/kg)
	1.59	1.59	1.59	1.58

Highest Simultaneous Transmission SAR_{10g}	PCE (W/kg)	DTS (W/kg)	NII (W/kg)	DSS (W/kg)
	3.63	N/A	3.63	N/A

Note:

1. The SAR limit **(Head & Body: SAR_{1g} 1.6 W/kg, Extremity: SAR_{10g} 4.0 W/kg)** for general population / uncontrolled exposure is specified in FCC 47 CFR part 2 (2.1093) and ANSI/IEEE C95.1-1992.

2. Description of Equipment Under Test

EUT Type	Mobile phone
FCC ID	2AFZZPC47G
IMEI Code	862948070015208 / 862948070015216
Brand Name	POCO
Model Name	25053PC47G
HW Version	13510O10U
SW Version	Xiaomi HyperOS 2.0
Tx Frequency Bands (Unit: MHz)	GSM850 : 824 ~ 849 GSM1900 : 1850 ~ 1910 WCDMA Band II : 1850 ~ 1910 WCDMA Band IV : 1710 ~ 1755 WCDMA Band V : 824 ~ 849 LTE Band 2 : 1850 ~ 1910 LTE Band 4 : 1710 ~ 1755 LTE Band 5 : 824 ~ 849 LTE Band 7 : 2500~ 2570 LTE Band 26 : 814 ~ 849 LTE Band 38 : 2570 ~ 2620 LTE Band 41 : 2496 ~ 2690 LTE Band 42 : 3450 ~ 3550, 3550 ~ 3600 LTE Band 48 : 3550 ~ 3700 LTE Band 66 : 1710 ~ 1780 NR Band n2 : 1850~ 1910 NR Band n5 : 824~ 849 NR Band n7 : 2500 ~ 2570 NR Band n38 : 2570 ~ 2620 NR Band n41 : 2496 ~ 2690 NR Band n48 : 3550 ~ 3700 NR Band n66 : 1710 ~ 1780 NR Band n77 : 3450 ~ 3550, 3700 ~ 3980 NR Band n78 : 3450 ~ 3550 WLAN : 2412 ~ 2462, 5180 ~ 5240, 5260 ~ 5320, 5500 ~ 5700, 5745 ~ 5825 Bluetooth : 2402 ~ 2480 NFC : 13.56
Uplink Modulations	GSM & GPRS : GMSK EDGE : 8PSK WCDMA : QPSK LTE : QPSK, 16QAM, 64QAM NR : CP-OFDM (QPSK,16QAM,64QAM,256QAM) DFT-s-OFDM (π/2 BPSK,QPSK,16QAM,64QAM,256QAM) 802.11b : DSSS 802.11a/g/n/ac : OFDM 802.11ax/be : OFDMA Bluetooth : GFSK, π/4-DQPSK, 8-DPSK NFC : ASK
Subcarrier Spacing	15 kHz（FDD）/ 30 kHz（TDD）
Uplink Transmission Duty Cycle	50% for TDD PC2, 100% for TDD PC3
LTE Anchor Band for NR Band n5	LTE Band 7
LTE Anchor Band for NR Band n7	LTE Band 5
LTE Anchor Band for NR Band n66	LTE Band 5/7
LTE Anchor Band for NR Band n78	LTE Band 2/5/38/41
Maximum Tune-up Conducted Power (Unit: dBm)	Please refer to section 4.5.1 of this report.
Antenna Type	PIFA Antenna
EUT Stage	Identical Prototype

Note:

1. The above EUT information is declared by manufacturer and for more detailed features description please refers to the manufacturer's specifications or User's Manual.
2. The device supports the audio receiver detection mechanism. The audio receiver is used to determine head.

When operating in a call at the head, the relevant power levels are set for WWAN and WLAN antennas accordingly, to comply with SAR requirement.

3. This device supports the hotspot power reduction feature, when the hotspot function is activated, power reduction will be activated to limit the maximum power.
4. For WWAN Antennas, when the SAR sensor is detected close to the body state, power reduction will be activated to limit the maximum power. Proximity sensor triggering distances please refer to section 4.1 of this report.

WWAN Test Scenarios:

Power State	Exposure Condition	Receiver Status	SAR Sensor Status	Hotspot Status
Default Power	N/A	N/A	N/A	N/A
DSI 1	Head	On	Off	Off
DSI 3	Body-Worn / Extremity	Off	On	Off
DSI 4	Body-Worn / Extremity	Off	Off	Off
DSI 5	Hotspot	Off	Off	On

WLAN Test Scenarios:

Power State	Exposure Condition	Receiver Status	WWAN Status	Hotspot Status
Default Power	N/A	N/A	N/A	N/A
DSI 2	Standalone & Head	On	Inactivity	Off
DSI 3	Combined & Head	Off	Activity	Off/On
DSI 6	Standalone & Body-Worn / Extremity	On	Inactivity	Off
DSI 7	Combined & Body-Worn / Extremity	Off	Activity	Off
DSI 8	Hotspot	Off	Activity	On

3. SAR Measurement System

3.1 Definition of Specific Absorption Rate (SAR)

SAR is related to the rate at which energy is absorbed per unit mass in an object exposed to a radio field. The SAR distribution in a biological body is complicated and is usually carried out by experimental techniques or numerical modeling. The standard recommends limits for two tiers of groups, occupational/controlled and general population/uncontrolled, based on a person's awareness and ability to exercise control over his or her exposure. In general, occupational/controlled exposure limits are higher than the limits for general population/uncontrolled.

The SAR definition is the time derivative (rate) of the incremental energy (dW) absorbed by (dissipated in) an incremental mass (dm) contained in a volume element (dv) of a given density (ρ). The equation description is as below:

$$\mathbf{SAR} = \frac{\mathbf{d}}{\mathbf{dt}}\left(\frac{\mathbf{dW}}{\mathbf{dm}}\right) = \frac{\mathbf{d}}{\mathbf{dt}}\left(\frac{\mathbf{dW}}{\boldsymbol{\rho}\mathbf{dv}}\right)$$

SAR is expressed in units of Watts per kilogram (W/kg)
SAR measurement can be related to the electrical field in the tissue by

$$\mathbf{SAR} = \frac{\boldsymbol{\sigma}|\mathbf{E}|^2}{\boldsymbol{\rho}}$$

Where: σ is the conductivity of the tissue, ρ is the mass density of the tissue and E is the RMS electrical field strength.

3.2 SPEAG DASY System

DASY system consists of high precision robot, probe alignment sensor, phantom, robot controller, controlled measurement server and near-field probe. The robot includes six axes that can move to the precision position of the DASY5 software defined. The DASY software can define the area that is detected by the probe. The robot is connected to controlled box. Controlled measurement server is connected to the controlled robot box. The DAE includes amplifier, signal multiplexing, AD converter, offset measurement and surface detection. It is connected to the Electro-optical coupler (ECO). The ECO performs the conversion form the optical into digital electric signal of the DAE and transfers data to the PC.

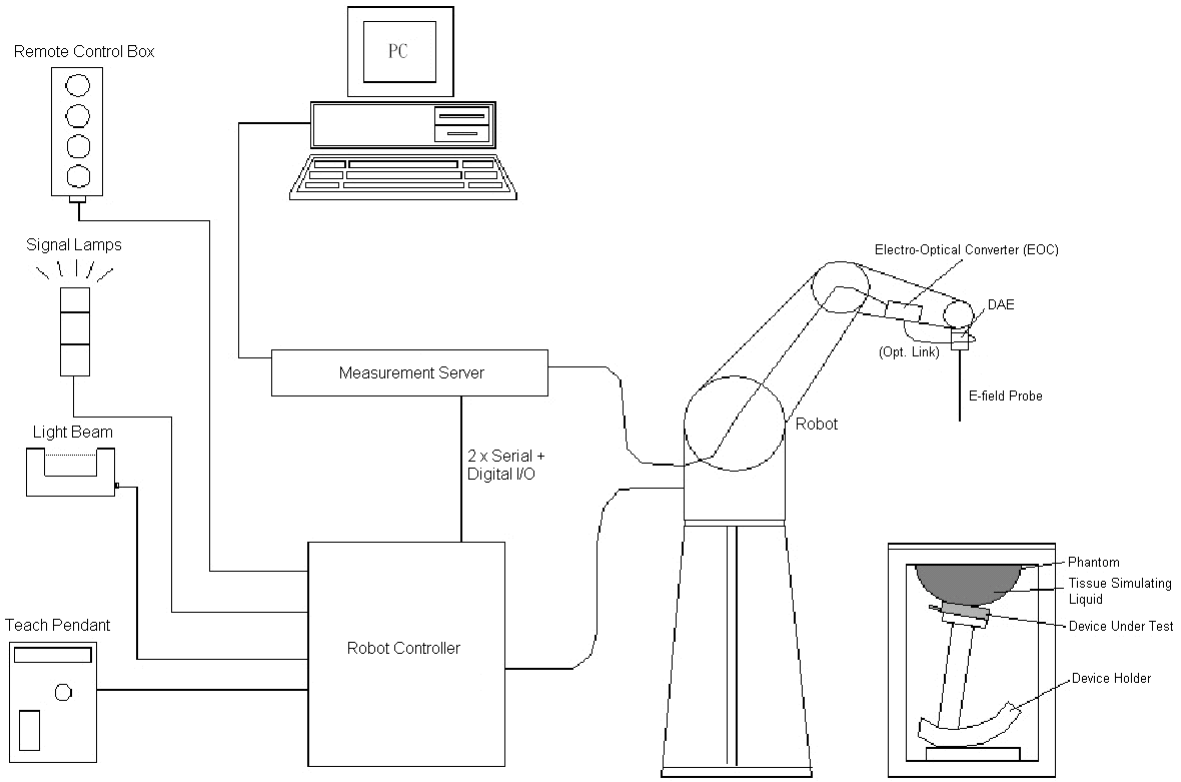


Fig-3.1 DASY System Setup

3.2.1 Robot

The DASY system uses the high precision robots from Stäubli SA (France). For the 6-axis controller system, the robot controller version (DASY6: CS8c) from Stäubli is used. The Stäubli robot series have many features that are important for our application:

- High precision (repeatability ±0.035 mm)
- High reliability (industrial design)
- Jerk-free straight movements
- Low ELF interference (the closed metallic construction shields against motor control fields)

Fig-3.2 DASY8

3.2.2 Probes

The SAR measurement is conducted with the dosimetric probe. The probe is specially designed and calibrated for use in liquid with high permittivity. The dosimetric probe has special calibration in liquid at different frequency.

Model	EX3DV4
Construction	Symmetrical design with triangular core. Built-in shielding against static charges. PEEK enclosure material (resistant to organic solvents, e.g., DGBE).
Frequency	10 MHz to 6 GHz Linearity: ± 0.2 dB
Directivity	± 0.3 dB in HSL (rotation around probe axis) ± 0.5 dB in tissue material (rotation normal to probe axis)
Dynamic Range	10 µW/g to 100 mW/g Linearity: ± 0.2 dB (noise: typically < 1 µW/g)
Dimensions	Overall length: 337 mm (Tip: 20 mm) Tip diameter: 2.5 mm (Body: 12 mm) Typical distance from probe tip to dipole centers: 1 mm

Model	ES3DV3
Construction	Symmetrical design with triangular core. Interleaved sensors. Built-in shielding against static charges. PEEK enclosure material (resistant to organic solvents, e.g., DGBE).
Frequency	10 MHz to 4 GHz Linearity: ± 0.2 dB
Directivity	± 0.2 dB in HSL (rotation around probe axis) ± 0.3 dB in tissue material (rotation normal to probe axis)
Dynamic Range	5 µW/g to 100 mW/g Linearity: ± 0.2 dB
Dimensions	Overall length: 337 mm (Tip: 20 mm) Tip diameter: 3.9 mm (Body: 12 mm) Distance from probe tip to dipole centers: 2.0 mm

3.2.3 Data Acquisition Electronics (DAE)

Model	DAE3, DAE4
Construction	Signal amplifier, multiplexer, A/D converter and control logic. Serial optical link for communication with DASY embedded system (fully remote controlled). Two step probe touch detector for mechanical surface detection and emergency robot stop.
Measurement Range	-100 to +300 mV (16 bit resolution and two range settings: 4mV, 400mV)
Input Offset Voltage	< 5µV (with auto zero)
Input Bias Current	< 50 fA
Dimensions	60 x 60 x 68 mm

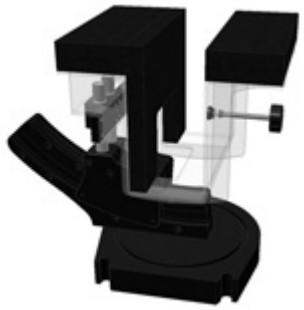
3.2.4 Phantoms

Model	Twin SAM	
Construction	The shell corresponds to the specifications of the Specific Anthropomorphic Mannequin (SAM) phantom defined in IEEE 1528 and IEC 62209-1. It enables the dosimetric evaluation of left and right hand phone usage as well as body mounted usage at the flat phantom region. A cover prevents evaporation of the liquid. Reference markings on the phantom allow the complete setup of all predefined phantom positions and measurement grids by teaching three points with the robot.	
Material	Vinylester, glass fiber reinforced (VE-GF)	
Shell Thickness	2 ± 0.2 mm (6 ± 0.2 mm at ear point)	
Dimensions	Length: 1000 mm Width: 500 mm Height: adjustable feet	
Filling Volume	approx. 25 liters	

Model	ELI	
Construction	Phantom for compliance testing of handheld and body-mounted wireless devices in the frequency range of 30 MHz to 6 GHz. ELI is fully compatible with the IEC 62209-2 standard and all known tissue simulating liquids. ELI has been optimized regarding its performance and can be integrated into our standard phantom tables. A cover prevents evaporation of the liquid. Reference markings on the phantom allow installation of the complete setup, including all predefined phantom positions and measurement grids, by teaching three points. The phantom is compatible with all SPEAG dosimetric probes and dipoles.	
Material	Vinylester, glass fiber reinforced (VE-GF)	
Shell Thickness	2.0 ± 0.2 mm (bottom plate)	
Dimensions	Major axis: 600 mm Minor axis: 400 mm	
Filling Volume	approx. 30 liters	

3.2.5 Device Holder

Model	Mounting Device	
Construction	In combination with the Twin SAM Phantom or ELI4, the Mounting Device enables the rotation of the mounted transmitter device in spherical coordinates. Rotation point is the ear opening point. Transmitter devices can be easily and accurately positioned according to IEC, IEEE, FCC or other specifications. The device holder can be locked for positioning at different phantom sections (left head, right head, flat).	
Material	POM	

Model	Laptop Extensions Kit	
Construction	Simple but effective and easy-to-use extension for Mounting Device that facilitates the testing of larger devices according to IEC 62209-2 (e.g., laptops, cameras, etc.). It is lightweight and fits easily on the upper part of the Mounting Device in place of the phone positioner.	
Material	POM, Acrylic glass, Foam	

3.2.6 System Validation Dipoles

Model	D-Serial	
Construction	Symmetrical dipole with I/4 balun. Enables measurement of feed point impedance with NWA. Matched for use near flat phantoms filled with tissue simulating solutions.	
Frequency	750 MHz to 5800 MHz	
Return Loss	> 20 dB	
Power Capability	> 100 W (f < 1GHz), > 40 W (f > 1GHz)	

3.2.7 Tissue Simulating Liquids

For SAR measurement of the field distribution inside the phantom, the phantom must be filled with homogeneous tissue simulating liquid to a depth of at least 15 cm. For head SAR testing, the liquid height from the ear reference point (ERP) of the phantom to the liquid top surface is larger than 15 cm. For body SAR testing, the liquid height from the center of the flat phantom to the liquid top surface is larger than 15 cm. The nominal dielectric values of the tissue simulating liquids in the phantom and the tolerance of 5% are listed in Table-3.1.

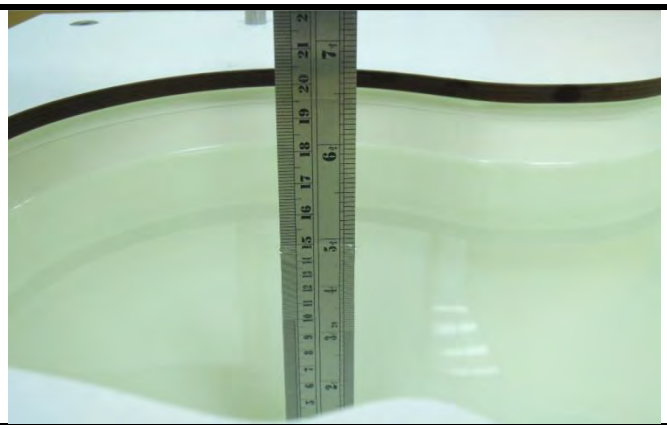


Photo of Liquid Height for Head Position

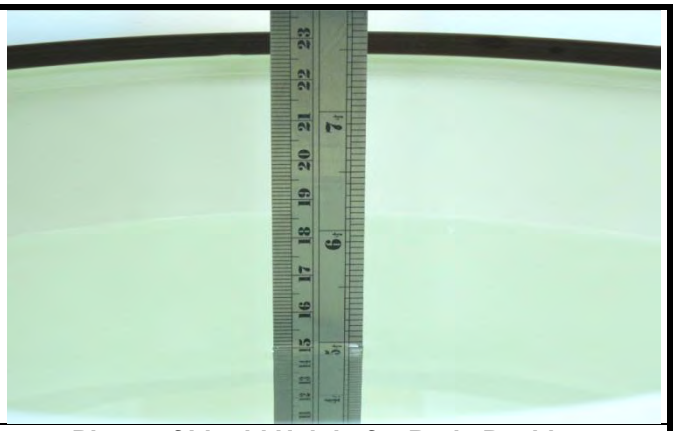


Photo of Liquid Height for Body Position

The dielectric properties of the head tissue simulating liquids are defined in IEEE 1528, and KDB 865664 D01 Appendix A. For the body tissue simulating liquids, the dielectric properties are defined in KDB 865664 D01 Appendix A. The dielectric properties of the tissue simulating liquids were verified prior to the SAR evaluation using a dielectric assessment kit and a network analyzer.

Table-3.1 Targets of Tissue Simulating Liquid

Frequency (MHz)	Target Permittivity	Range of ±5%	Target Conductivity	Range of ±5%
For Head				
750	41.9	39.8 ~ 44.0	0.89	0.85 ~ 0.93
835	41.5	39.4 ~ 43.6	0.90	0.86 ~ 0.95
900	41.5	39.4 ~ 43.6	0.97	0.92 ~ 1.02
1450	40.5	38.5 ~ 42.5	1.20	1.14 ~ 1.26
1640	40.3	38.3 ~ 42.3	1.29	1.23 ~ 1.35
1750	40.1	38.1 ~ 42.1	1.37	1.30 ~ 1.44
1800	40.0	38.0 ~ 42.0	1.40	1.33 ~ 1.47
1900	40.0	38.0 ~ 42.0	1.40	1.33 ~ 1.47
2000	40.0	38.0 ~ 42.0	1.40	1.33 ~ 1.47
2300	39.5	37.5 ~ 41.5	1.67	1.59 ~ 1.75
2450	39.2	37.2 ~ 41.2	1.80	1.71 ~ 1.89
2600	39.0	37.1 ~ 41.0	1.96	1.86 ~ 2.06
3500	37.9	36.0 ~ 39.8	2.91	2.76 ~ 3.06
5200	36.0	34.2 ~ 37.8	4.66	4.43 ~ 4.89
5300	35.9	34.1 ~ 37.7	4.76	4.52 ~ 5.00
5500	35.6	33.8 ~ 37.4	4.96	4.71 ~ 5.21
5600	35.5	33.7 ~ 37.3	5.07	4.82 ~ 5.32
5800	35.3	33.5 ~ 37.1	5.27	5.01 ~ 5.53

The following table gives the recipes for tissue simulating liquids.

Table-3.2 Recipes of Tissue Simulating Liquid

Tissue Type	Bactericide	DGBE	HEC	NaCl	Sucrose	Triton X-100	Water	Diethylene Glycol Mono-hexylether
H750	0.2	-	0.2	1.5	56.0	-	42.1	-
H835	0.2	-	0.2	1.5	57.0	-	41.1	-
H900	0.2	-	0.2	1.4	58.0	-	40.2	-
H1450	-	43.3	-	0.6	-	-	56.1	-
H1640	-	45.8	-	0.5	-	-	53.7	-
H1750	-	47.0	-	0.4	-	-	52.6	-
H1800	-	44.5	-	0.3	-	-	55.2	-
H1900	-	44.5	-	0.2	-	-	55.3	-
H2000	-	44.5	-	0.1	-	-	55.4	-
H2300	-	44.9	-	0.1	-	-	55.0	-
H2450	-	45.0	-	0.1	-	-	54.9	-
H2600	-	45.1	-	0.1	-	-	54.8	-
H3500	-	28.0	-	0.2	-	20.0	71.8	-
H5G	-	-	-	-	-	17.2	65.5	17.3

3.3 SAR System Verification

The system check verifies that the system operates within its specifications. It is performed daily or before every SAR measurement. The system check uses normal SAR measurements in the flat section of the phantom with a matched dipole at a specified distance. The system verification setup is shown as below.

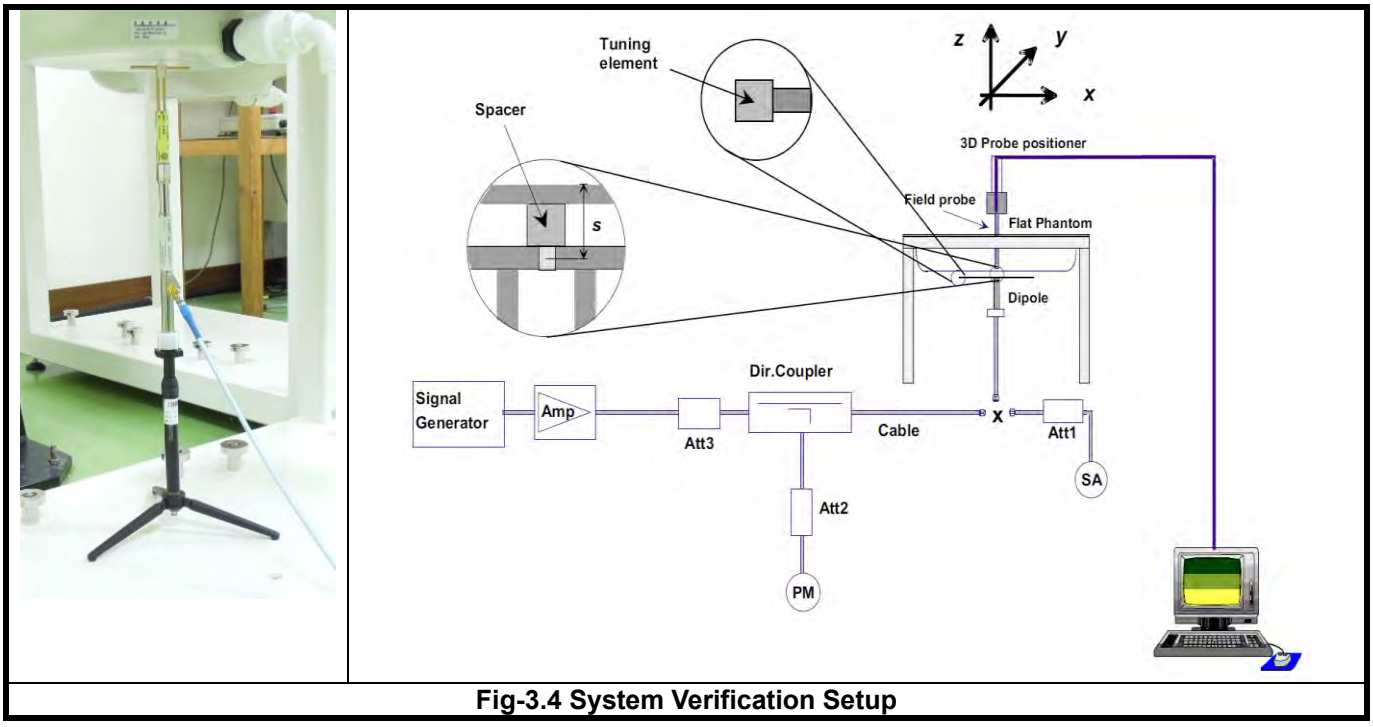


Fig-3.4 System Verification Setup

The validation dipole is placed beneath the flat phantom with the specific spacer in place. The distance spacer is touch the phantom surface with a light pressure at the reference marking and be oriented parallel to the long side of the phantom. The spectrum analyzer measures the forward power at the location of the system check dipole connector. The signal generator is adjusted for the desired forward power (250 mW is used for 700 MHz to 3 GHz, 100 mW is used for 3.5 GHz to 6 GHz) at the dipole connector and the power meter is read at that level. After connecting the cable to the dipole, the signal generator is readjusted for the same reading at power meter.

After system check testing, the SAR result will be normalized to 1W forward input power and compared with the reference SAR value derived from validation dipole certificate report. The deviation of system check should be within 10 %.

3.4 SAR Measurement Procedure

According to the SAR test standard, the recommended procedure for assessing the peak spatial-average SAR value consists of the following steps:

(a) Power reference measurement
(b) Area scan
(c) Zoom scan
(d) Power drift measurement

The SAR measurement procedures for each of test conditions are as follows:

(a) Make EUT to transmit maximum output power
(b) Measure conducted output power through RF cable
(c) Place the EUT in the specific position of phantom
(d) Perform SAR testing steps on the DASY system
(e) Record the SAR value

3.4.1 Area & Zoom Scan Procedure

First Area Scan is used to locate the approximate location(s) of the local peak SAR value(s). The measurement grid within an Area Scan is defined by the grid extent, grid step size and grid offset. Next, in order to determine the EM field distribution in a three-dimensional spatial extension, Zoom Scan is required. The Zoom Scan is performed around the highest E-field value to determine the averaged SAR-distribution over 10 g. According to KDB 865664 D01, the resolution for Area and Zoom scan is specified in the table below.

Items	<= 2 GHz	2-3 GHz	3-4 GHz	4-5 GHz	5-6 GHz
Area Scan (Δx, Δy)	<= 15 mm	<= 12 mm	<= 12 mm	<= 10 mm	<= 10 mm
Zoom Scan (Δx, Δy)	<= 8 mm	<= 5 mm	<= 5 mm	<= 4 mm	<= 4 mm
Zoom Scan (Δz)	<= 5 mm	<= 5 mm	<= 4 mm	<= 3 mm	<= 2 mm
Zoom Scan Volume	>= 30 mm	>= 30 mm	>= 28 mm	>= 25 mm	>= 22 mm

Note:

When zoom scan is required and report SAR is <= 1.4 W/kg, the zoom scan resolution of Δx / Δy (2-3GHz: <= 8 mm, 3-4GHz: <= 7 mm, 4-6GHz: <= 5 mm) may be applied.

3.4.2 Volume Scan Procedure

The volume scan is used for assess overlapping SAR distributions for antennas transmitting in different frequency bands. It is equivalent to an oversized zoom scan used in standalone measurements. The measurement volume will be used to enclose all the simultaneous transmitting antennas. For antennas transmitting simultaneously in different frequency bands, the volume scan is measured separately in each frequency band. In order to sum correctly to compute the 1g aggregate SAR, the EUT remain in the same test position for all measurements and all volume scan use the same spatial resolution and grid spacing. When all volume scan were completed, the software, SEMCAD postprocessor can combine and subsequently superpose these measurement data to calculating the multiband SAR.

3.4.3 Power Drift Monitoring

All SAR testing is under the EUT install full charged battery and transmit maximum output power. In DASY measurement software, the power reference measurement and power drift measurement procedures are used for monitoring the power drift of EUT during SAR test. Both these procedures measure the field at a specified reference position before and after the SAR testing. The software will calculate the field difference in dB. If the power drift more than 5%, the SAR will be retested.

3.4.4 Spatial Peak SAR Evaluation

The procedure for spatial peak SAR evaluation has been implemented according to the test standard. It can be conducted for 1g and 10g, as well as for user-specific masses. The DASY software includes all numerical procedures necessary to evaluate the spatial peak SAR value.

The base for the evaluation is a "cube" measurement. The measured volume must include the 1g and 10g cubes with the highest averaged SAR values. For that purpose, the center of the measured volume is aligned to the interpolated peak SAR value of a previously performed area scan.

The entire evaluation of the spatial peak values is performed within the post-processing engine (SEMCAD). The system always gives the maximum values for the 1g and 10g cubes. The algorithm to find the cube with highest averaged SAR is divided into the following stages:

(a) Extraction of the measured data (grid and values) from the Zoom Scan
(b) Calculation of the SAR value at every measurement point based on all stored data (A/D values and measurement parameters)
(c) Generation of a high-resolution mesh within the measured volume
(d) Interpolation of all measured values form the measurement grid to the high-resolution grid
(e) Extrapolation of the entire 3-D field distribution to the phantom surface over the distance from sensor to surface
(f) Calculation of the averaged SAR within masses of 1g and 10g

3.4.5 SAR Averaged Methods

In DASY, the interpolation and extrapolation are both based on the modified Quadratic Shepard's method. The interpolation scheme combines a least-square fitted function method and a weighted average method which are the two basic types of computational interpolation and approximation.

Extrapolation routines are used to obtain SAR values between the lowest measurement points and the inner phantom surface. The extrapolation distance is determined by the surface detection distance and the probe sensor offset. The uncertainty increases with the extrapolation distance. To keep the uncertainty within 1% for the 1 g and 10 g cubes, the extrapolation distance should not be larger than 5 mm.

4. SAR Measurement Evaluation

4.1 EUT Configuration and Setting

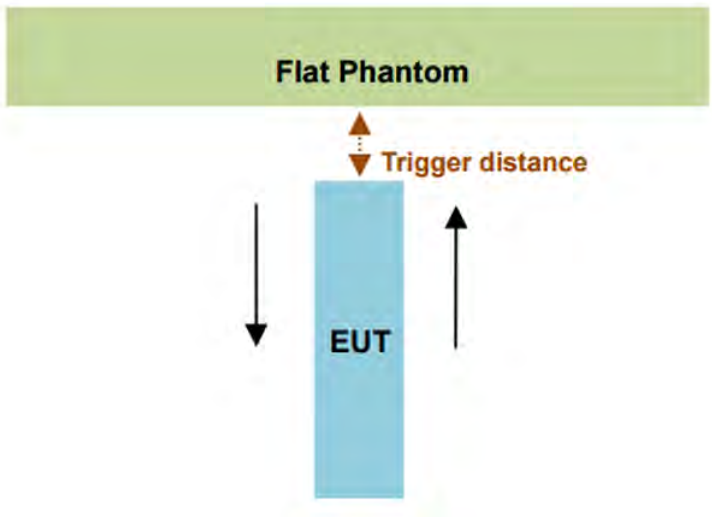
<Connections between EUT and System Simulator>

For WWAN SAR testing, the EUT was linked and controlled by base station emulator (R&S CMW500 is used for GSM/WCDMA/LTE). Communication between the EUT and the emulator was established by air link. The distance between the EUT and the communicating antenna of the emulator is larger than 50 cm and the output power radiated from the emulator antenna is at least 30 dB smaller than the output power of EUT. The EUT was set from the emulator to radiate maximum output power during SAR testing. For NR SAR testing, due to test setup limitations, SAR testing for NR was performed using Factory Test Mode software to establish the connection.

<Proximity Sensor Triggering Distances>

The proximity sensor triggering distance was determined per KDB 616217 section 6.2,and EUT moving further away from the flat phantom and EUT moving toward the flat phantom were both assessed.

In the preliminary triggering distance testing, the tissue-equivalent medium for different frequency bands were used for verification; no other frequency bands tissue-equivalent medium was found to result in shortest triggering than that for 5800MHz, and the tissue-equivalent medium for 5800MHz was used for formal proximity sensor triggering testing.



Summary for trigger distance per position was tabulated in the below table.

Ant 2

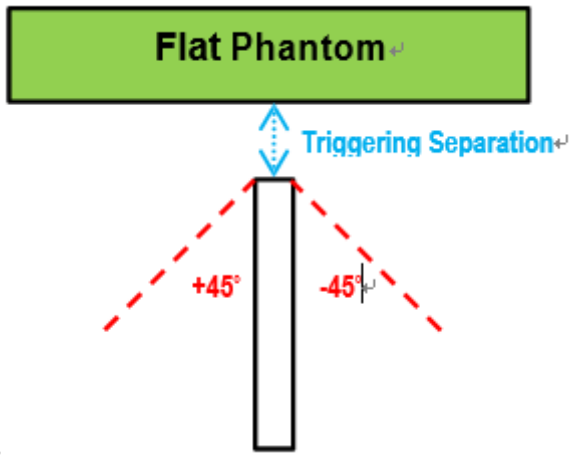
Ant 3(moving toward / away phantom)											
Position / Distance (mm)	0	1	2	3	4	5	6	7	8	9	10~50
Front Face	on	on	on	on	on	on	on	off	off	off	off
Rear Face	on	on	on	on	on	on	on	off	off	off	off
Top Side	on	on	on	on	on	on	on	off	off	off	off

Ant 3

Ant 3(moving toward / away phantom)											
Position / Distance (mm)	0	1	2	3	4	5	6	7	8	9	10~50
Front Face	on	on	on	on	on	on	on	off	off	off	off
Rear Face	on	on	on	on	on	on	on	off	off	off	off
Right Side	on	on	on	on	on	on	on	off	off	off	off

Proximity Sensor Tilt Angle Influences

Summary for proximity sensor tilt angle influence is shown in below.



Antenna	Orientation	Separation Distance (mm)	Tilt Angle										
			-45°	-40°	-30°	-20°	-10°	0°	10°	20°	30°	40°	45°
Ant 2	Top Side	6	on	on	on	on	on	on	on	on	on	on	on
Ant 3	Right Side		on	on	on	on	on	on	on	on	on	on	on

Summary for Proximity Sensor Triggering Distance

The detailed trigger distance is as follows:

Antenna / Test position	Front Face	Rear Face	Left Side	Right Side	Top Side	Bottom Side
Ant 2	6mm	6mm	-	-	6mm	-
Ant 3	6mm	6mm	-	6mm	-	-

Note:

1. The power reduction depends on the proximity sensor input. For a steady SAR test, the power reduction was enabled or disabled manually by engineering software during SAR testing.
2. For verification of compliance of power reduction scheme, additional SAR testing with EUT transmitting at full RF power at a conservative trigger distance -1mm was performed.

<Considerations Related to LTE for Setup and Testing>

This device contains LTE transmitter which follows 3GPP standards, supports QPSK, 16QAM, 64QAM and 256QAM modulations, and supported LTE band and channel bandwidth is listed in below. The output power was tested per 3GPP TS 36.521-1 maximum transmit procedures for QPSK, 16QAM, 64QAM and 256QAM modulation. The results please refer to section 4.5 of this report.

EUT Supported LTE Band and Channel Bandwidth						
LTE Band	BW 1.4 MHz	BW 3 MHz	BW 5 MHz	BW 10 MHz	BW 15 MHz	BW 20 MHz
2	V	V	V	V	V	V
4	V	V	V	V	V	V
5	V	V	V	V		
7			V	V	V	V
26	V	V	V	V	V	
38			V	V	V	V
41			V	V	V	V
42			V	V	V	V
48			V	V	V	V
66	V	V	V	V	V	V

The LTE maximum power reduction (MPR) in accordance with 3GPP TS 36.101 is active all times during LTE operation. The allowed MPR for the maximum output power is specified in below.

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

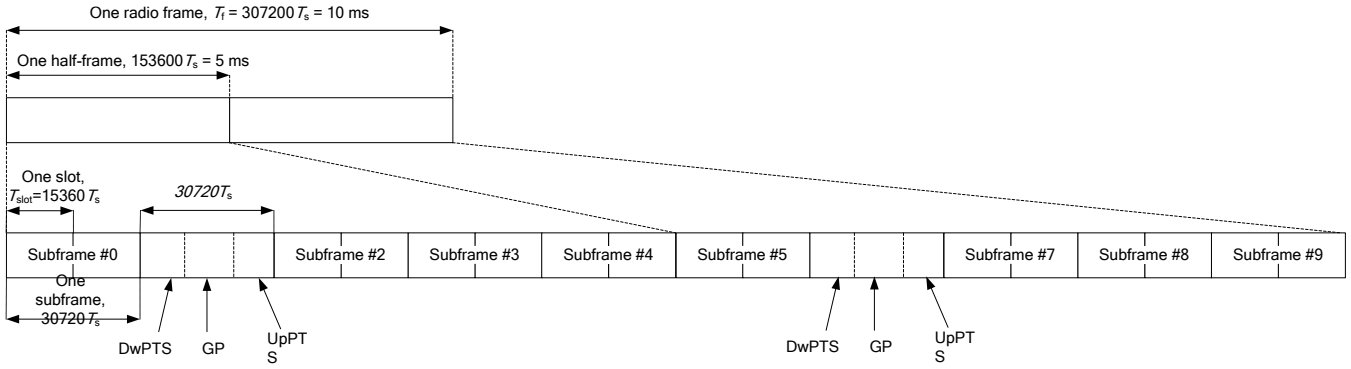
Note: MPR is according to the standard and implemented in the circuit (mandatory).

In addition, the device is compliant with additional maximum power reduction (A-MPR) requirements defined in 3GPP TS 36.101 section 6.2.4 that was disabled for all FCC compliance testing.

During LTE SAR testing, the related parameters of operating band, channel bandwidth, uplink channel number, modulation type, and RB was set in base station simulator. When the EUT has registered and communicated to base station simulator, the simulator set to make EUT transmitting the maximum radiated power.

TDD-LTE Setup Configurations

According to KDB 941225 D05, SAR testing for TDD-LTE device 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 TDD-LTE configurations. The TDD-LTE of this device supports frame structure type 2 defined in 3GPP TS 36.211 section 4.2, and the frame structure configuration can be referred to below.



3GPP TS 36.211 Figure 4.2-1: Frame Structure Type 2

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 • Ts	2192 • Ts	2560 • Ts	7680 • Ts	2192 • Ts	2560 • Ts
1	19760 • Ts			20480 • Ts		
2	21952 • Ts			23040 • Ts		
3	24144 • Ts			25600 • Ts		
4	26336 • Ts			7680 • Ts	4384 • Ts	5120 • Ts
5	6592 • Ts	4384 • Ts	5120 • Ts	20480 • Ts		
6	19760 • Ts			23040 • Ts		
7	21952 • Ts			12800 • Ts		
8	24144 • Ts			-	-	-
9	13168 • Ts			-	-	-

3GPP TS 36.211 Table 4.2-1: Configuration of Special Subframe

Uplink-Downlink Configuration	Downlink-to-Uplink Switch-Point Periodicity	Subframe Number									
		0	1	2	3	4	5	6	7	8	9
0	5 ms	D	S	U	U	U	D	S	U	U	U
1	5 ms	D	S	U	U	D	D	S	U	U	D
2	5 ms	D	S	U	D	D	D	S	U	D	D
3	10 ms	D	S	U	U	U	D	D	D	D	D
4	10 ms	D	S	U	U	D	D	D	D	D	D
5	10 ms	D	S	U	D	D	D	D	D	D	D
6	5 ms	D	S	U	U	U	D	S	U	U	D

3GPP TS 36.211 Table 4.2-2: Uplink-Downlink Configurations

The variety of different TD-LTE uplink-downlink configurations allows a network operator to allocate the network's capacity between uplink and downlink traffic to meet the needs of the network. The uplink duty cycle of these seven configurations can readily be computed and shown in below.

UL-DL Configuration	0	1	2	3	4	5	6
Highest Duty-Cycle	63.33%	43.33%	23.33%	31.67%	21.67%	11.67%	53.33%

Considering the highest transmission duty cycle, TDD-LTE was tested using Uplink-Downlink Configuration 0 with 6 uplink subframe and 2 special subframe. The special subframe was set to special subframe configuration 7 using extended cyclic prefix uplink. Therefore, SAR testing for TDD-LTE was performed at the maximum output power with highest transmission duty cycle of 63.33%.

LTE Downlink Carrier Aggregation (CA) Setup Configurations

EUT Supported Combinations of Downlink Carrier Aggregation							
CA_2A-2A	CA_2A-4A	CA_2A-7A	CA_4A-5A	CA_4A-7A	CA_5A-7A	CA_7A-7A	CA_7C
CA_7A-66A	CA_38C	CA_41A-41A	CA_41C	CA_66A-66A	CA_66B	CA_66C	CA_2A-7A-7A
CA_2A-7C	CA_4A-7C	CA_5A-7A-7A	CA_41D				

Note:

1. LTE Carrier Aggregation (CA) was defined in 3GPP release 10 and higher. The LTE device in CA mode has one Primary Component Carrier (PCC) and one or more Secondary Component Carriers (SCC). PCC acts as the anchor carrier and can optionally cross-schedule data transmission on SCC. The RRC connection is only handled by one cell, the PCC for downlink and uplink communications. After making a data connection to the PCC, the LTE device adds the SCC on the downlink only. All uplink communications and acknowledgements remain identical to release 8 specifications on the PCC.
2. Uplink maximum output power with downlink carrier aggregation active does not show more than ¼ dB higher than the maximum output power without downlink carrier aggregation active, therefore SAR evaluation with downlink carrier aggregation active can be excluded.
3. The detailed DL CA output power measurement results, please refer to Appendix D.

LTE Uplink Carrier Aggregation (CA) Setup Configurations

LTE Uplink CA	2CC Uplink Carrier Aggregation
Intra Band	**Tx Antenna**
7C	Ant 0/2/3/4
38C	Ant 0/2/3/4
41C	Ant 0/2/3/4

Note:

1. 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.
2. 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). SCC were set to use configurations similar to the PCC to establish conservative or worst-case equivalent SAR test conditions (highest maximum output power with MPR of 0 dB and RB allocation setting).
3. PCC RB allocation setting for UL CA has been adjusted based on the worst-case power.
4. According to November 2017 TCB workshop, Uplink CA SAR Test Guidance as follows:
   a) When the maximum output power for UL CA is ≤ standalone LTE mode (without CA)
      • PCC is configured according to the highest standalone SAR configuration tested
      • SCC and subsequent CCs are configured according to procedures used for power measurement and parameters (BW, RB etc.) similar to that used for the PCC
   b) When the Reported SAR for UL CA configuration, described above, is > 1.2W/kg, UL CA is also required for all required test channels(PCC based)
   c) UL CA SAR is also required for standalone SAR configurations > 1.2W/kg when they are scaled to the UL CA power level
5. PCC RB allocation setting for UL CA has been adjusted based on the worst-case power, for detailed UL CA output power measurement results, please refer to Appendix D.

<Considerations Related to 5G NR for Setup and Testing>

1. The 5G NR supports both SA and NSA modes. The details are as follows

Mode	Band	Duplex	SCS(KHz)	BW(M)
SA	5G NR n2	FDD	15	5, 10, 15, 20, 25, 30, 35, 40
	5G NR n5	FDD	15	5, 10, 15, 20, 25
	5G NR n7	FDD	15	5, 10, 15, 20, 25, 30, 35, 40, 50
	5G NR n38	TDD	30	10, 15, 20, 25, 30, 40
	5G NR n41	TDD	30	10, 15, 20, 25, 30, 35, 40, 45, 50, 60, 70, 80, 90, 100
	5G NR n48	TDD	30	10, 15, 20, 30, 40
	5G NR n66	FDD	15	5, 10, 15, 20, 25, 30, 35, 40, 45
	5G NR n77	TDD	30	10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100
	5G NR n78	TDD	30	10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100
NSA	5G NR n5	FDD	15	5, 10, 15, 20, 25
	5G NR n7	FDD	15	5, 10, 15, 20, 25, 30, 35, 40, 50
	5G NR n66	FDD	15	5, 10, 15, 20, 25, 30, 35, 40, 45
	5G NR n78	TDD	30	10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100

2. For 5G NR test procedure was following step similar FCC KDB 941225 D05:

(1) For DFT-OFDM and CP-OFDM output power measurement reduction, according to 38.101 maximum power reduction for power class 3, the CP-OFDM mode will not higher than DFT-OFDM mode, therefore, similar FCC KB 941225 D05 procedure for other modulation output power for each RB allocation configuration is > not ½ dB higher than the same configuration in DFT-QPSK and the reported SAR for the DFT-QPSK configuration is ≤ 1.45 W/kg, CP-OFDM testing is not required.

(2) For DFT-OFDM and CP-OFDM output power measurement reduction, according to 38.101 maximum power reduction for power class 3, for 16QAM/64QAM/256QAM and smaller bandwidth output power will spot check largest channel bandwidth worst RB configuration to ensure the 16QAM/64QAM/256QAM and smaller bandwidth output power will not ½ dB higher than the same configuration in the largest supported bandwidth.

(3) SAR testing start with the largest channel bandwidth and measure SAR for QPSK with 1RB allocation, using the RB offset and required test channel combination with the highest maximum output power for RB offset at the upper edge, middle and lower edge of each required test channel.

(4) 50% RB allocation for QPSK SAR testing follows 1RB QPSK allocation procedure.

(5) QPSK with 100% RB allocation, SAR is not required when the highest maximum output power for 100% RB allocation is less than the highest maximum output power in 50% RB and 1RB allocations and the highest reported SAR for 1RB and 50% RB allocation are ≤ 0.8 W/kg. Otherwise, SAR is measured for the highest output power channel, and if the reported SAR is > 1.45 W/kg, the remaining required test channels must also be tested.

(6) Pi/2 BPSK/16QAM/64QAM/256QAM output powers according to 3GPP MPR will not ½ dB higher than the same configuration in QPSK, also reported SAR for the QPSK configuration is less than 1.45 W/kg, Pi/2 BPSK/16QAM/64QAM/256QAM SAR testing are not required.

(7) Smaller bandwidth output power for each RB allocation configuration for this device will not ½ dB higher than the same configuration in the largest supported bandwidth, and the reported SAR for the largest supported bandwidth is ≤ 1.45 W/kg, smaller bandwidth SAR testing is not required for this device.

Table 6.2.2.3-1: Maximum power reduction (MPR) for power class 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]
	QPSK	≤ 1		0
	16 QAM	≤ 2		≤ 1
	64 QAM	≤ 2.5		
	256 QAM	≤ 4.5		
CP-OFDM	QPSK	≤ 3		≤ 1.5
	16 QAM	≤ 3		≤ 2
	64 QAM	≤ 3.5		
	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.

3. NSA and SA mode should perform SAR separately. For the maximum power of NSA mode is the same as SA total power level. So SA SAR can represent NSA mode SAR.
4. 5G NR NSA mode, the power level is the same as 5G NR SA mode, so 5G NR NSA mode and SA mode power table only show one time.
5. Due to test setup limitations, SAR testing for NR was performed using Factory Test Mode software to establish the connection.

< EN-DC combination >

ENDC Combination	Antenna TX	
	LTE TX	NR TX
DC_2A_n78A	ANT2	ANT2
DC_5A_n7A	ANT0	ANT4
DC_5A_n66A	ANT0	ANT2
DC_5A_n78A	ANT0	ANT2
DC_7A_n5A	ANT4	ANT0
DC_7A_n66A	ANT4	ANT2
DC_38A_n78A	ANT4	ANT2

Note:

1. For ENDC Simultaneous SAR analysis is performed using standalone SAR summed together and they are more conservative for ENDC.
2. For detailed simultaneous transmission analysis results of EN-DC, please refer to Appendix E.

< MSIM_DSDA Combination >

DSDA_NR+NR				
Combination	**Band**	**TX Ant**	**Band**	**TX Ant**
DSDA_5A+n5A	FR1 n5	Ant 0/1	FR1 n5	Ant 0/1
DSDA_5A+N7a	FR1 n5	Ant 0/1	FR1 n7	Ant 0/2/3/4
DSDA_5A+n41A	FR1 n5	Ant 0/1	FR1 n41	Ant 0/2/3/4
DSDA_5A+n78A	FR1 n5	Ant 0/1	FR1 n78	Ant 1/2/3/7
DSDA_7A+n7A	FR1 n7	Ant 0/2/3/4	FR1 n7	Ant 0/2/3/4
DSDA_7A+n7A	FR1 n7	Ant 0/2/3/4	FR1 n77	Ant 1/2/3/7
DSDA_7A+n78A	FR1 n7	Ant 0/2/3/4	FR1 n78	Ant 1/2/3/7
DSDA_41A+n41A	FR1 n41	Ant 0/2/3/4	FR1 n41	Ant 0/2/3/4
DSDA_41A+n7A	FR1 n41	Ant 0/2/3/4	FR1 n77	Ant 1/2/3/7
DSDA_41A+n78A	FR1 n41	Ant 0/2/3/4	FR1 n78	Ant 1/2/3/7
DSDA_77A+n77A	FR1 n77	Ant 1/2/3/7	FR1 n77	Ant 1/2/3/7
DSDA_77A+n78A	FR1 n77	Ant 1/2/3/7	FR1 n78	Ant 1/2/3/7
DSDA_78A+n78A	FR1 n78	Ant 1/2/3/7	FR1 n78	Ant 1/2/3/7

DSDA_LTE+NR				
Combination	**Band**	**TX Ant**	**Band**	**TX Ant**
DSDA_5A+n5A	LTE Band 5	Ant 0/1	FR1 n5	Ant 0/1
DSDA_5A+n7A	LTE Band 5	Ant 0/1	FR1 n7	Ant 0/2/3/4
DSDA_5A+n41A	LTE Band 5	Ant 0/1	FR1 n41	Ant 0/2/3/4
DSDA_5A+n77A	LTE Band 5	Ant 0/1	FR1 n77	Ant 1/2/3/7
DSDA_5A+n78A	LTE Band 5	Ant 0/1	FR1 n78	Ant 1/2/3/7
DSDA_7A+n5A	LTE Band 7	Ant 0/2/3/4	FR1 n5	Ant 0/1
DSDA_7A+n7A	LTE Band 7	Ant 0/2/3/4	FR1 n7	Ant 0/2/3/4
DSDA_7A+n77A	LTE Band 7	Ant 0/2/3/4	FR1 n77	Ant 1/2/3/7
DSDA_7A+n78A	LTE Band 7	Ant 0/2/3/4	FR1 n78	Ant 1/2/3/7
DSDA_38A+n77A	LTE Band 38	Ant 0/2/3/4	FR1 n77	Ant 1/2/3/7
DSDA_38A+n78A	LTE Band 38	Ant 0/2/3/4	FR1 n78	Ant 1/2/3/7
DSDA_41A+n5A	LTE Band 41	Ant 0/2/3/4	FR1 n5	Ant 0/1
DSDA_41A+n41A	LTE Band 41	Ant 0/2/3/4	FR1 n41	Ant 0/2/3/4
DSDA_41A+n77A	LTE Band 41	Ant 0/2/3/4	FR1 n77	Ant 1/2/3/7
DSDA_41A+n78A	LTE Band 41	Ant 0/2/3/4	FR1 n78	Ant 1/2/3/7

Note:

1. DSDA combination cannot perform TX on the same antenna at the same time**.**
2. For DSDA mode, the LTE and NR standalone SAR are tested separately at maximum output power and the standalone SAR are algebraically summed, which results in a more conservative result for ULCA SAR.
3. For detailed simultaneous transmission analysis results of UL CA, please refer to Appendix E.

<Considerations Related to WLAN for Setup and Testing>

In general, various vendor specific external test software and chipset based internal test modes are typically used for SAR measurement. These chipset based test mode utilities are generally hardware and manufacturer dependent, and often include substantial flexibility to reconfigure or reprogram a device. A Wi-Fi device must be configured to transmit continuously at the required data rate, channel bandwidth and signal modulation, using the highest transmission duty factor supported by the test mode tools for SAR measurement. The test frequencies established using test mode must correspond to the actual channel frequencies. When 802.11 frame gaps are accounted for in the transmission, a maximum transmission duty factor of 92 - 96% is typically achievable in most test mode configurations. A minimum transmission duty factor of 85% is required to avoid certain hardware and device implementation issues related to wide range SAR scaling. In addition, a periodic transmission duty factor is required for current generation SAR systems to measure SAR correctly. The reported SAR must be scaled to 100% transmission duty factor to determine compliance at the maximum tune-up tolerance limit.

According to KDB 248227 D01, this device has installed WLAN engineering testing software which can provide continuous transmitting RF signal. During WLAN SAR testing, this device was operated to transmit continuously at the maximum transmission duty with specified transmission mode, operating frequency, lowest data rate, and maximum output power.

Initial Test Configuration

An initial test configuration is determined for OFDM transmission modes in 2.4 GHz and 5 GHz bands according to the channel bandwidth, modulation and data rate combination(s) with the highest maximum output power specified for production units in each standalone and aggregated frequency band. When the same maximum power is specified for multiple transmission modes in a frequency band, the largest channel bandwidth, lowest order modulation, lowest data rate and lowest order 802.11a/g/n/ac mode is used for SAR measurement, on the highest measured output power channel in the initial test configuration, for each frequency band.

Subsequent Test Configuration

SAR measurement requirements for the remaining 802.11 transmission mode configurations that have not been tested in the initial test configuration are determined separately for each standalone and aggregated frequency band, in each exposure condition, according to the maximum output power specified for production units. Additional power measurements may be required to determine if SAR measurements are required for subsequent highest output power channels in a subsequent test configuration. When the highest reported SAR for the initial test configuration according to the initial test position or fixed exposure position requirements, is adjusted by the ratio of the subsequent test configuration to initial test configuration specified maximum output power and the adjusted SAR is ≤ 1.2 W/kg, SAR is not required for that subsequent test configuration.

SAR Test Configuration and Channel Selection

When multiple channel bandwidth configurations in a frequency band have the same specified maximum output power, the initial test configuration is using largest channel bandwidth, lowest order modulation, lowest data rate, and lowest order 802.11 mode (i.e., 802.11a is chosen over 802.11n then 802.11ac or 802.11g is chosen over 802.11n). After an initial test configuration is determined, if multiple test channels have the same measured maximum output power, the channel chosen for SAR measurement is determined according to the following.

1) The channel closest to mid-band frequency is selected for SAR measurement.

2) For channels with equal separation from mid-band frequency; for example, high and low channels or two mid-band channels, the higher frequency (number) channel is selected for SAR measurement.

Test Reduction for U-NII-1 (5.2 GHz) and U-NII-2A (5.3 GHz) Bands

For devices that operate in both U-NII bands using the same transmitter and antenna(s), SAR test reduction is determined according to the following.

1) When the same maximum output power is specified for both bands, begin SAR measurement in U-NII-2A band by applying the OFDM SAR requirements. If the highest reported SAR for a test configuration is ≤ 1.2 W/kg, SAR is not required for U-NII-1 band for that configuration (802.11 mode and exposure condition).

2) When different maximum output power is specified for the bands, begin SAR measurement in the band with higher specified maximum output power. The highest reported SAR for the tested configuration is adjusted by the ratio of lower to higher specified maximum output power for the two bands. When the adjusted SAR is ≤ 1.2 W/kg, SAR is not required for the band with lower maximum output power in that test configuration.

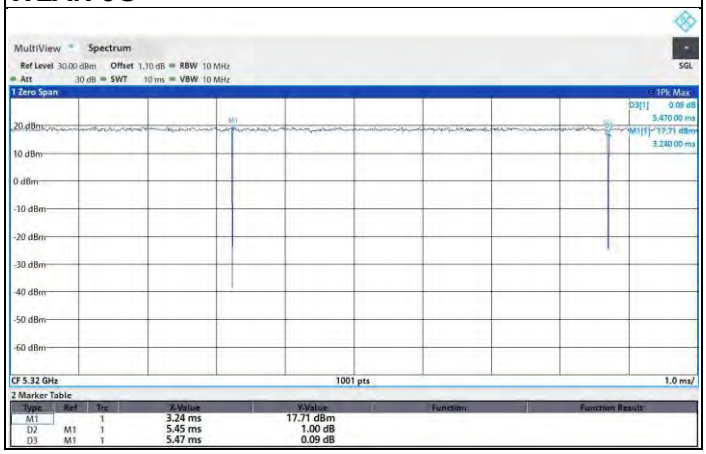
<Considerations Related to Bluetooth for Setup and Testing>

This device has installed Bluetooth engineering testing software which can provide continuous transmitting RF signal. During Bluetooth SAR testing, this device was operated to transmit continuously at the maximum transmission duty with specified transmission mode, operating frequency, lowest data rate, and maximum output power.

<Duty Cycle of WLAN Test Signal>

WLAN 5G: Duty cycle = 5.45 / 5.47 = 0.9963

WLAN 5G



4.2 EUT Testing Position

According to KDB 648474 D04, handsets are tested for SAR compliance in head, body-worn accessory and other use configurations described in the following subsections.

4.2.1 Head Exposure Conditions

Head exposure is limited to next to the ear voice mode operations. Head SAR compliance is tested according to the test positions defined in IEEE Std 1528-2013 using the SAM phantom illustrated as below.

1. Define two imaginary lines on the handset

(a) The vertical centerline passes through two points on the front side of the handset - the midpoint of the width w_t of the handset at the level of the acoustic output, and the midpoint of the width w_b of the bottom of the handset.

(b) The horizontal line is perpendicular to the vertical centerline and passes through the center of the acoustic output. The horizontal line is also tangential to the face of the handset at point A.

(c) The two lines intersect at point A. Note that for many handsets, point A coincides with the center of the acoustic output; however, the acoustic output may be located elsewhere on the horizontal line. Also note that the vertical centerline is not necessarily parallel to the front face of the handset, especially for clamshell handsets, handsets with flip covers, and other irregularly shaped handsets.

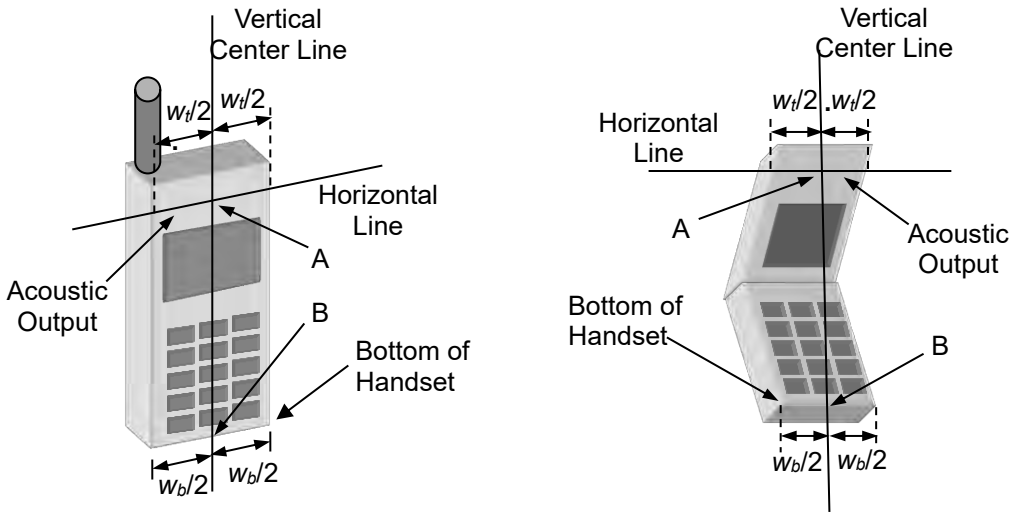


Fig-4.1 Illustration for Handset Vertical and Horizontal Reference Lines

2. Cheek Position

(a) To position the device with the vertical center line of the body of the device and the horizontal line crossing the center piece in a plane parallel to the sagittal plane of the phantom. While maintaining the device in this plane, align the vertical center line with the reference plane containing the three ear and mouth reference point (M: Mouth, RE: Right Ear, and LE: Left Ear) and align the center of the ear piece with the line RE-LE.

(b) To move the device towards the phantom with the ear piece aligned with the line LE-RE until the phone touched the ear. While maintaining the device in the reference plane and maintaining the phone contact with the ear, move the bottom of the phone until any point on the front side is in contact with the cheek of the phantom or until contact

with the ear is lost (see Fig-4.2).

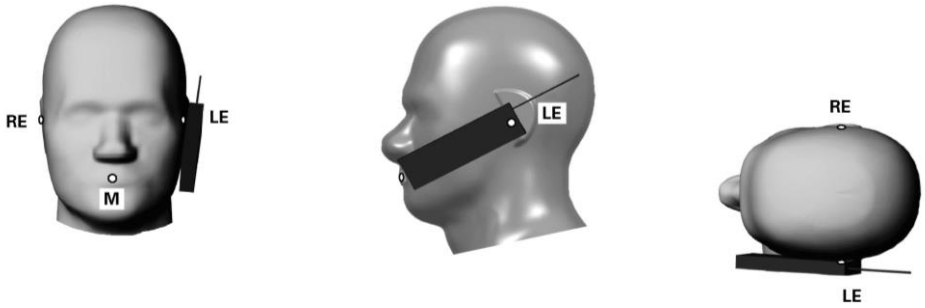


Fig-4.2 Illustration for Cheek Position

3. Tilted Position

(a) To position the device in the “cheek” position described above.

(b) While maintaining the device the reference plane described above and pivoting against the ear, moves it outward away from the mouth by an angle of 15 degrees or until contact with the ear is lost (see Fig-4.3).

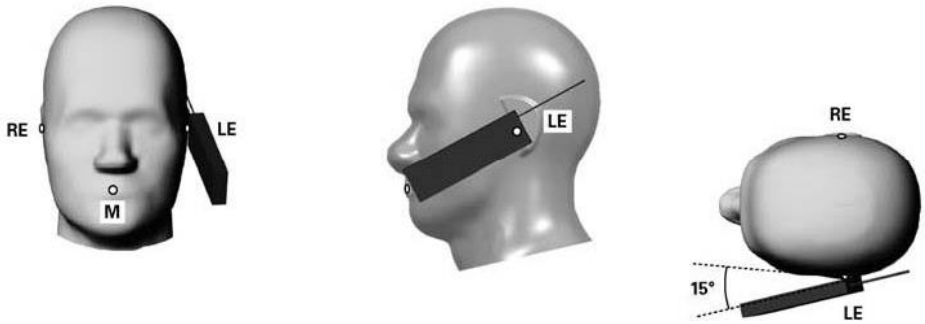


Fig-4.3 Illustration for Tilted Position

4.2.2 Body-worn Accessory Exposure Conditions

Body-worn accessory exposure is typically related to voice mode operations when handsets are carried in body-worn accessories. The body-worn accessory procedures in KDB 447498 D01 are used to test for body-worn accessory SAR compliance, without a headset connected to it. This enables the test results for such configuration to be compatible with that required for hotspot mode when the body-worn accessory test separation distance is greater than or equal to that required for hotspot mode. 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 that body-worn accessory with a headset attached to the handset.

Body-worn accessories that do not contain metallic or conductive components may be tested according to worst-case exposure configurations, typically according to the smallest test separation distance required for the group of body-worn accessories with similar operating and exposure characteristics. All body-worn accessories containing metallic components are tested in conjunction with the host device.

Body-worn accessory SAR compliance is based on a single minimum test separation distance for all wireless and operating modes applicable to each body-worn accessory used by the host, and according to the relevant voice and/or data mode transmissions and operations. If a body-worn accessory supports voice only operations in its normal and expected use conditions, testing of data mode for body-worn compliance is not required.

A conservative minimum test separation distance for supporting off-the-shelf body-worn accessories that may be acquired by users of consumer handsets is used to test for body-worn accessory SAR compliance. This distance is determined by the handset manufacturer, according to the requirements of Supplement C 01-01. Devices that are designed to operate on the body of users using lanyards and straps, or without requiring additional body-worn accessories, will be tested using a conservative minimum test separation distance <= 5 mm to support compliance.

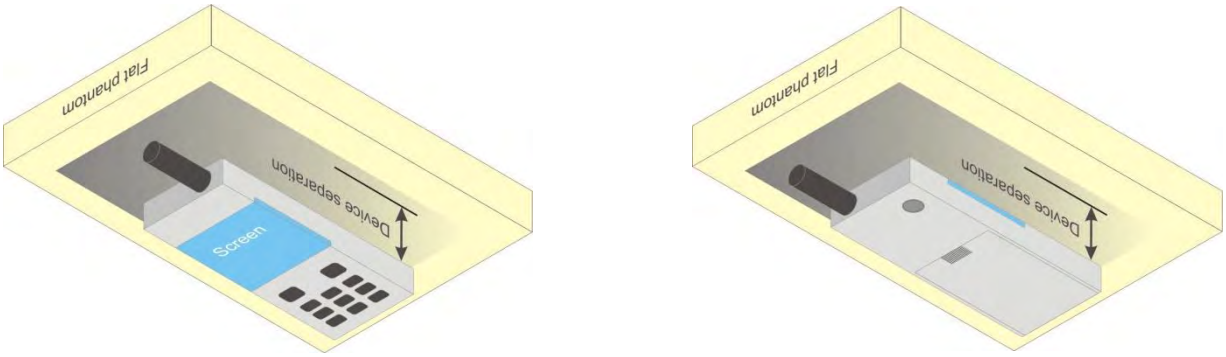
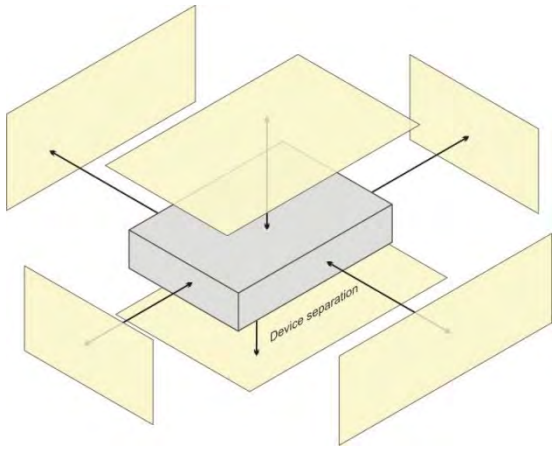


Fig-4.4 Illustration for Body Worn Position

4.2.3 Hotspot Mode Exposure Conditions

For handsets that support hotspot mode operations, with wireless router capabilities and various web browsing functions, the relevant hand and body exposure conditions are tested according to the hotspot SAR procedures in KDB 941225 D06. A test separation distance of 10 mm is required between the phantom and all surfaces and edges with a transmitting antenna located within 25 mm from that surface or edge. When the form factor of a handset is smaller than 9 cm x 5 cm, a test separation distance of 5 mm (instead of 10 mm) is required for testing hotspot mode. When the separation distance required for body-worn accessory testing is larger than or equal to that tested for hotspot mode, in the same wireless mode and for the same surface of the phone, the hotspot mode SAR data may be used to support body-worn accessory SAR compliance for that particular configuration (surface).



Based on the antenna location shown on appendix F of this report, the SAR testing required for hotspot mode is listed as below.

Antenna	To Top Side (mm)	To Bottom Side (mm)	To Left Side (mm)	To Right Side (mm)
Antenna 0		V	V	V
Antenna 1			V	
Antenna 2	V		V	
Antenna 3				V
Antenna 4	V		V	
Antenna 7	V		V	
Antenna 9	V			V
Antenna 11	V		V	V
Antenna 12	V			V
Antenna 13	V			V

4.2.4 Extremity Exposure Conditions

For smart phones with a display diagonal dimension > 15 cm or an overall diagonal dimension > 16 cm that provide similar mobile web access and multimedia support found in mini-tablets or UMPC mini-tablets that support voice calls next to the ear, the following phablet procedures should be applied to evaluate SAR compliance for each applicable wireless mode and frequency band. Devices marketed as phablets, regardless of form factors and operating characteristics must be tested as a phablet to determine SAR compliance.

1. The normally required head and body-worn accessory SAR test procedures for handsets, including hotspot mode, must be applied.
2. The UMPC mini-tablet procedures must also be applied to test the SAR of all surfaces and edges with an antenna located at <= 25 mm from that surface or edge, in direct contact with a flat phantom, for 10-g extremity SAR according to the body-equivalent tissue dielectric parameters in KDB 865664 to address interactive hand use exposure conditions. The UMPC mini-tablet 1-g SAR at 5 mm is not required. When hotspot mode applies, 10-g extremity SAR is required only for the surfaces and edges with hotspot mode 1-g SAR > 1.2 W/kg. The normal tablet procedures in KDB 616217 are required when the over diagonal dimension of the device is > 20 cm. Hotspot mode SAR is not required when normal tablet procedures are applied. Extremity 10-g SAR is also not required for the front (top) surface of large form factor full size tablets. The more conservative tablet SAR results can be used to support the 10-g extremity SAR for phablet mode.
3. The simultaneous transmission operating configurations applicable to voice and data transmissions for both phone and mini-tablet modes must be taken into consideration separately for 1-g and 10-g SAR to determine the simultaneous transmission SAR test exclusion and measurement requirements for the relevant wireless modes and exposure conditions.

4.2.5 SAR Text Exclusion Evaluations

For NFC：

1. Maximum output power = 2000 mW
2. Duty Cycle = 99%
3. Length of each event = 0.5 second
4. Events per observation period = 2 times
5. Observation period = 360 seconds

Based on the above data, calculated the time-averaged power: (2000*0.99*0.5*2)/360 = 5.5 mW.

According to KDB 447498 D01v06, the SAR test exclusion condition is based on source-based time-averaged maximum conducted output power, adjusted for tune-up tolerance, and the minimum test separation distance required for the exposure conditions. The SAR exclusion threshold is determined by the following.

Mode	Max. Tune-up Power (mW)	Ant. to Surface (mm)	Exemption limit (mW)	Require SAR Testing?
NFC (13.56MHz)	5.5	5	442	No

4.3 Tissue Verification

The measuring results for tissue simulating liquid are shown as below.

Test Date	Tissue Type	Frequency (MHz)	Liquid Temp. (℃)	Measured Conductivity (σ)	Measured Permittivity (ε_r)	Target Conductivity (σ)	Target Permittivity (ε_r)	Conductivity Deviation (%)	Permittivity Deviation (%)
Feb. 16, 2025	HSL	835	22.3	0.92	43.40	0.90	41.50	2.11	4.59
Feb. 18, 2025	HSL	835	22.6	0.94	43.30	0.90	41.50	4.56	4.34
Feb. 17, 2025	HSL	1750	22.5	1.34	41.45	1.37	40.10	-2.34	3.36
Feb. 20, 2025	HSL	1750	22.1	1.41	39.25	1.37	40.10	2.55	-2.11
Feb. 21, 2025	HSL	1950	22.7	1.43	40.81	1.40	40.00	1.79	2.02
Feb. 26, 2025	HSL	1950	22.4	1.42	40.75	1.40	40.00	1.71	1.86
Feb. 27, 2025	HSL	2450	22.5	1.73	39.95	1.80	39.20	-3.83	1.90
Feb. 22, 2025	HSL	2550	22.8	1.91	37.85	1.91	39.10	-0.16	-3.20
Feb. 25, 2025	HSL	2550	22.3	1.90	37.78	1.91	39.10	-0.52	-3.38
Mar. 04, 2025	HSL	2550	22.5	1.91	37.83	1.91	39.10	-0.21	-3.24
Feb. 23, 2025	HSL	3500	22.6	2.84	37.20	2.91	37.90	-2.27	-1.85
Mar. 06, 2025	HSL	3500	22.4	2.79	39.41	2.91	37.90	-3.99	3.97
Mar. 09, 2025	HSL	3500	22.5	2.83	39.00	2.91	37.90	-2.92	2.91
Mar. 07, 2025	HSL	3700	22.7	3.01	36.84	3.12	37.70	-3.49	-2.28
Mar. 10, 2025	HSL	3700	22.2	3.05	39.00	3.12	37.70	-2.21	3.45
Mar. 08, 2025	HSL	3900	22.4	3.19	36.50	3.32	37.50	-4.01	-2.66
Mar. 11, 2025	HSL	3900	22.6	3.25	38.66	3.32	37.50	-2.20	3.09
Mar. 11, 2025	HSL	5250	22.6	4.58	35.66	4.71	35.90	-2.68	-0.67
Mar. 12, 2025	HSL	5600	22.3	4.97	35.21	5.07	35.50	-2.05	-0.82
Mar. 13, 2025	HSL	5750	22.5	5.11	35.07	5.22	35.40	-2.03	-0.94

Note:

The dielectric properties of the tissue simulating liquid must be measured within 24 hours before the SAR testing and within ±5% of the target values. Liquid temperature during the SAR testing must be within ±2 ℃.

4.4 System Verification

The measuring result for system verification is tabulated as below.

<1g SAR>

Test Date	Mode	Frequency (MHz)	1W Target SAR-1g (W/kg)	Measured SAR-1g (W/kg)	Normalized to 1W SAR-1g (W/kg)	Deviation (%)	Dipole S/N	Probe S/N	DAE S/N
Feb. 16, 2025	Head	835	9.63	2.33	9.32	-3.22	4d265	3873	1389
Feb. 18, 2025	Head	835	9.63	2.38	9.52	-1.14	4d265	3873	1389
Feb. 17, 2025	Head	1750	36.70	9.13	36.52	-0.49	1176	3873	1389
Feb. 20, 2025	Head	1750	36.70	9.17	36.68	-0.05	1176	3873	1389
Feb. 21, 2025	Head	1950	40.80	10.1	40.40	-0.98	1229	3873	1389
Feb. 26, 2025	Head	1950	40.80	10.4	41.60	1.96	1229	3873	1389
Feb. 27, 2025	Head	2450	53.30	13.3	53.20	-0.19	1048	3873	1389
Feb. 22, 2025	Head	2550	53.00	13.1	52.40	-1.13	1022	3873	1389
Feb. 25, 2025	Head	2550	53.00	13.3	53.20	0.38	1022	3873	1389
Mar. 04, 2025	Head	2550	53.00	13.5	54.00	1.89	1022	3873	1389
Feb. 23, 2025	Head	3500	65.70	6.33	63.30	-3.65	1111	3873	1389
Mar. 06, 2025	Head	3500	65.70	6.51	65.10	-0.91	1111	3873	1389
Mar. 09, 2025	Head	3500	65.70	6.66	66.60	1.37	1111	3873	1389
Mar. 07, 2025	Head	3700	66.60	6.67	66.70	0.15	1082	3873	1389
Mar. 10, 2025	Head	3700	66.60	6.42	64.20	-3.60	1082	3873	1389
Mar. 08, 2025	Head	3900	68.20	6.72	67.20	-1.47	1055	3873	1389
Mar. 11, 2025	Head	4100	68.00	6.59	65.90	-3.09	1055	3873	1389
Mar. 11, 2025	Head	5250	77.30	7.66	76.60	-0.91	1315	3873	1389
Mar. 12, 2025	Head	5600	81.70	7.91	79.10	-3.18	1315	3873	1389
Mar. 13, 2025	Head	5750	77.10	7.76	77.60	0.65	1315	3873	1389

<10g SAR>

Test Date	Mode	Frequency (MHz)	1W Target SAR-10g (W/kg)	Measured SAR-10g (W/kg)	Normalized to 1W SAR-10g (W/kg)	Deviation (%)	Dipole S/N	Probe S/N	DAE S/N
Feb. 16, 2025	Head	835	6.33	1.52	6.08	-3.95	4d265	3873	1389
Feb. 18, 2025	Head	835	6.33	1.55	6.20	-2.05	4d265	3873	1389
Feb. 17, 2025	Head	1750	19.50	4.91	19.64	0.72	1176	3873	1389
Feb. 20, 2025	Head	1750	19.50	4.93	19.72	1.13	1176	3873	1389
Feb. 21, 2025	Head	1950	20.90	5.3	21.20	1.44	1229	3873	1389
Feb. 26, 2025	Head	1950	20.90	5.38	21.52	2.97	1229	3873	1389
Feb. 27, 2025	Head	2450	24.60	6.25	25.00	1.63	1048	3873	1389
Feb. 22, 2025	Head	2550	24.20	6.06	24.24	0.17	1022	3873	1389
Feb. 25, 2025	Head	2550	24.20	6.12	24.48	1.16	1022	3873	1389
Mar. 04, 2025	Head	2550	24.20	6.17	24.68	1.98	1022	3873	1389
Feb. 23, 2025	Head	3500	24.80	2.47	24.70	-0.40	1111	3873	1389
Mar. 06, 2025	Head	3500	24.80	2.53	25.30	2.02	1111	3873	1389
Mar. 09, 2025	Head	3500	24.80	2.59	25.90	4.44	1111	3873	1389
Mar. 07, 2025	Head	3700	24.20	2.54	25.40	4.96	1082	3873	1389
Mar. 10, 2025	Head	3700	24.20	2.45	24.50	1.24	1082	3873	1389
Mar. 08, 2025	Head	3900	23.50	2.44	24.40	3.83	1055	3873	1389
Mar. 11, 2025	Head	4100	23.20	2.39	23.90	3.02	1055	3873	1389
Mar. 11, 2025	Head	5250	21.60	2.22	22.20	2.78	1315	3873	1389
Mar. 12, 2025	Head	5600	22.70	2.29	22.90	0.88	1315	3873	1389
Mar. 13, 2025	Head	5750	21.20	2.25	22.50	6.13	1315	3873	1389

Note:

Comparing to the reference SAR value provided by SPEAG, the validation data should be within its specification of 10 %. The result indicates the system check can meet the variation criterion and the plots can be referred to Appendix A of this report.

4.5 Maximum Output Power

4.5.1 Maximum Conducted Power

The maximum conducted average power (Unit: dBm) including tune-up tolerance please refer to Appendix D.

4.5.2 Measured Conducted Power Result

The measuring conducted average power (Unit: dBm) please refer to Appendix D.

4.6 SAR Testing Results

4.6.1 SAR Test Reduction Considerations

<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 SAR for the mid-band or highest output power channel is:

(1) ≤ 0.8 W/kg or 2.0 W/kg, for 1-g or 10-g respectively, when the transmission band is ≤ 100 MHz

(2) ≤ 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

(3) ≤ 0.4 W/kg or 1.0 W/kg, for 1-g or 10-g respectively, when the transmission band is ≥ 200 MHz

<KDB 941225 D01, 3G SAR Measurement Procedures>

The mode tested for SAR is referred to as the primary mode. The equivalent modes considered for SAR test reduction are denoted as secondary modes. Both primary and secondary modes must be in the same frequency band. When the maximum output power and tune-up tolerance specified for production units in a secondary mode is ≤ 1/4 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 Evaluation Considerations for LTE Devices>

(1) QPSK with 1 RB and 50% RB allocation

Start with the largest channel bandwidth and measure SAR, 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 of the remaining RB offset configurations and required test channels is not required; otherwise, SAR is required for the remaining required test channels and only for the RB offset configuration with the highest output power for that channel. When the reported SAR of a required test channel is > 1.45 W/kg, SAR is required for all three RB offset configurations for that required test channel.

(2) QPSK with 100% RB allocation

SAR is not required when the highest maximum output power for 100% RB allocation is less than the highest maximum output power in 50% and 1 RB allocations and the highest reported SAR for 1 RB and 50% RB allocation are ≤ 0.8 W/kg. Otherwise, SAR is measured for the highest output power channel; and if the reported SAR is > 1.45 W/kg, the remaining required test channels must also be tested.

(3) Higher order modulations

SAR is required only when the highest maximum output power for the configuration in the higher order modulation is

> 1/2 dB higher than the same configuration in QPSK or when the reported SAR for the QPSK configuration is > 1.45 W/kg.

(4) Other channel bandwidth

SAR is required when the highest maximum output power of the smaller channel bandwidth is > 1/2 dB higher than the equivalent channel configurations in the largest channel bandwidth configuration or the reported SAR of a configuration for the largest channel bandwidth is > 1.45 W/kg.

<KDB 941225 D05, SAR Evaluation Considerations for 5G NR Devices>

(1) For DFT-OFDM and CP-OFDM output power measurement reduction, according to 38.101 maximum power reduction for power class 3, the CP-OFDM mode will not higher than DFT-OFDM mode, therefore, similar FCC KB 941225 D05 procedure for other modulation output power for each RB allocation configuration is > not ½ dB higher than the same configuration in DFT-QPSK and the reported SAR for the DFT-QPSK configuration is ≤ 1.45 W/kg, CP-OFDM testing is not required.

(2) For DFT-OFDM and CP-OFDM output power measurement reduction, according to 38.101 maximum power reduction for power class 3, for 16QAM/64QAM/256QAM and smaller bandwidth output power will spot check largest channel bandwidth worst RB configuration to ensure the 16QAM/64QAM/256QAM and smaller bandwidth output power will not ½ dB higher than the same configuration in the largest supported bandwidth.

(3) SAR testing start with the largest channel bandwidth and measure SAR for QPSK with 1RB allocation, using the RB offset and required test channel combination with the highest maximum output power for RB offset at the upper edge, middle and lower edge of each required test channel.

(4) 50% RB allocation for QPSK SAR testing follows 1RB QPSK allocation procedure.

(5) QPSK with 100% RB allocation, SAR is not required when the highest maximum output power for 100% RB allocation is less than the highest maximum output power in 50% RB and 1RB allocations and the highest reported SAR for 1RB and 50% RB allocation are ≤ 0.8 W/kg. Otherwise, SAR is measured for the highest output power channel, and if the reported SAR is > 1.45 W/kg, the remaining required test channels must also be tested.

(6) Pi/2 BPSK/16QAM/64QAM/256QAM output powers according to 3GPP MPR will not ½ dB higher than the same configuration in QPSK, also reported SAR for the QPSK configuration is less than 1.45 W/kg, Pi/2 BPSK/16QAM/64QAM/256QAM SAR testing are not required.

(7) Smaller bandwidth output power for each RB allocation configuration for this device will not. ½ dB higher than the same configuration in the largest supported bandwidth, and the reported SAR for the largest supported bandwidth is ≤ 1.45 W/kg, smaller bandwidth SAR testing is not required for this device.

<LTE/NR Band Overlap Evaluation>

According to April 2015 TCBworkshop, SAR test for overlapping LTE bands can be reduced if:

- the maximum output power, including tolerance, for the smaller band must be ≤ the larger band to qualify for the SAR test exclusion

- the channel bandwidth and other operating parameters for the smaller band must be fully supported by the larger band

LTE Band	BW(M)	Antenna	DSI1 Tune-up limit(dBm)	DSI 3 Tune-up limit(dBm)	DSI 4 Tune-up limit(dBm)	DSI 5 Tune-up limit(dBm)
LTE Band 5	1.4, 3, 5, 10	Ant 0	25.5	25.5	25.5	25.5
		Ant 1	21	22	22	21
LTE Band 26	1.4, 3, 5, 10, 15	Ant 0	25.5	25.5	25.5	25.5
		Ant 1	20.5	22	22	20.5
LTE Band 38	5, 10, 15, 20	Ant 0	24.5	24.5	24.5	24.5
		Ant 2	19	21	25.5	19
		Ant 3	21.5	23.5	25.5	21.5
		Ant 4	17	20	20	17
LTE Band 41	5, 10, 15, 20	Ant 0	24.5	24	24	24
		Ant 2	18	21.5	25.5	18
		Ant 3	22	23	25.5	22
		Ant 4	19	20.5	20.5	19
LTE Band 4	5, 10, 15, 20	Ant 0	24	21	21	21
		Ant 2	18	22.5	25.5	18
		Ant 3	17	22	25.5	17
		Ant 4	18	21.5	21.5	18
LTE Band 66	5, 10, 15, 20	Ant 0	24	21.5	21.5	21.5
		Ant 2	18	22.5	25.5	18
		Ant 3	16.5	21.5	25.5	16.5
		Ant 4	17.5	21.5	21.5	17.5

NR Band	BW(M)	Antenna	DSI1 Tune-up limit(dBm)	DSI 3 Tune-up limit(dBm)	DSI 4 Tune-up limit(dBm)	DSI 5 Tune-up limit(dBm)
NR n38	10, 20, 30, 40	Ant 0	25.5	22.5	22.5	22.5
		Ant 2	18	20	24.5	18
		Ant 3	21	21.5	26	21
		Ant 4	17.5	19.5	19.5	17.5
NR n41	10, 20, 30, 40 10, 20, 30, 40, 50, 60, 70, 80, 90, 100	Ant 0	25.5	23	23	23
		Ant 2	20.5	21	25.5	20.5
		Ant 3	20.5	21	26	20.5
		Ant 4	17.5	18.5	18.5	17.5
NR n77	10, 20, 30, 40 10, 20, 30, 40, 50, 60, 70, 80, 90, 100	Ant 1	15	17	17	15
		Ant 2	12.5	17	22	12.5
		Ant 3	18	20	23.5	18
		Ant 7	24.5	16	16	16

NR n78	10, 20, 30, 40 10, 20, 30, 40, 50, 60, 70, 80, 90, 100	Ant 1	14.5	17.5	17.5	14.5
		Ant 2	13	17	22	13
		Ant 3	18	19.5	23.5	18
		Ant 7	24.5	15	15	15

<KDB 248227 D01, SAR Guidance for Wi-Fi Transmitters>

(1) For handsets operating next to ear, hotspot mode or mini-tablet configurations, the initial test position procedures were applied. The test position with the highest extrapolated peak SAR will be used as the initial test position. When the reported SAR of initial test position is <= 0.4 W/kg, SAR testing for remaining test positions is not required. Otherwise, SAR is evaluated at the subsequent highest peak SAR positions until the reported SAR result is <= 0.8 W/kg or all test positions are measured.

(2) For WLAN 2.4 GHz, the highest measured maximum output power channel for DSSS was selected for SAR measurement. When the reported SAR is <= 0.8 W/kg, no further SAR testing is required. Otherwise, SAR is evaluated at the next highest measured output power channel. When any reported SAR is > 1.2 W/kg, SAR is required for the third channel. For OFDM modes (802.11g/n), SAR is not required when the highest reported SAR for DSSS is adjusted by the ratio of OFDM to DSSS specified maximum output power and it is <= 1.2 W/kg.

(3) For WLAN 5 GHz, the initial test configuration was selected according to the transmission mode with the highest maximum output power. When the reported SAR of initial test configuration is > 0.8 W/kg, SAR is required for the subsequent highest measured output power channel until the reported SAR result is <= 1.2 W/kg or all required channels are measured. For other transmission modes, SAR is not required when the highest reported SAR for initial test configuration is adjusted by the ratio of subsequent test configuration to initial test configuration specified maximum output power and it is <= 1.2 W/kg.

(4) For WLAN MIMO mode, the power-based standalone SAR test exclusion or the sum of SAR provision in KDB 447498 to determine simultaneous transmission SAR test exclusion should be applied. Otherwise, SAR for MIMO mode will be measured with all applicable antennas transmitting simultaneously at the specified maximum output power of MIMO operation.

4.6.2 SAR Results for Head Exposure Condition

Plot No.	Band	Mode	Test Position	Ch.	RB Size	RB offset	Antenna	Power State	Duty Cycle %	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Power Drift (dB)	Measured SAR-1g (W/kg)	Duty Cycle Scaling Factor	Tune-up Scaling Factor	Scaled SAR-1g (W/kg)
	GSM850	GPRS 3Tx Slot	Right Cheek	251	-	-	Ant 0	DSI 1	-	29.30	28.59	-0.15	0.343	1.000	1.178	0.40
	GSM850	GPRS 3Tx Slot	Right Tilted	251	-	-	Ant 0	DSI 1	-	29.30	28.59	-0.16	0.171	1.000	1.178	0.20
	GSM850	GPRS 3Tx Slot	Left Cheek	251	-	-	Ant 0	DSI 1	-	29.30	28.59	0.19	0.190	1.000	1.178	0.22
	GSM850	GPRS 3Tx Slot	Left Tilted	251	-	-	Ant 0	DSI 1	-	29.30	28.59	0.18	0.129	1.000	1.178	0.15
	GSM850	GPRS 3Tx Slot	Right Cheek	189	-	-	Ant 1	DSI 1	-	25.30	24.47	0.11	0.455	1.000	1.211	0.55
	GSM850	GPRS 3Tx Slot	Right Tilted	189	-	-	Ant 1	DSI 1	-	25.30	24.47	0.03	0.089	1.000	1.211	0.11
P01	GSM850	GPRS 3Tx Slot	Left Cheek	189	-	-	Ant 1	DSI 1	-	25.30	24.47	0.02	0.484	1.000	1.211	0.59
	GSM850	GPRS 3Tx Slot	Left Tilted	189	-	-	Ant 1	DSI 1	-	25.30	24.47	-0.13	0.095	1.000	1.211	0.11
P02	GSM1900	GPRS 2Tx Slot	Right Cheek	661	-	-	Ant 2	DSI 1	-	24.00	23.34	0.04	0.613	1.000	1.164	0.71
	GSM1900	GPRS 2Tx Slot	Right Tilted	661	-	-	Ant 2	DSI 1	-	24.00	23.34	-0.03	0.498	1.000	1.164	0.58
	GSM1900	GPRS 2Tx Slot	Left Cheek	661	-	-	Ant 2	DSI 1	-	24.00	23.34	-0.18	0.287	1.000	1.164	0.33
	GSM1900	GPRS 2Tx Slot	Left Tilted	661	-	-	Ant 2	DSI 1	-	24.00	23.34	0.04	0.292	1.000	1.164	0.34
	GSM1900	GPRS 2Tx Slot	Right Cheek	810	-	-	Ant 3	DSI 1	-	23.50	22.92	-0.05	0.259	1.000	1.143	0.30
	GSM1900	GPRS 2Tx Slot	Right Tilted	810	-	-	Ant 3	DSI 1	-	23.50	22.92	-0.04	0.053	1.000	1.143	0.06
	GSM1900	GPRS 2Tx Slot	Left Cheek	810	-	-	Ant 3	DSI 1	-	23.50	22.92	-0.02	0.370	1.000	1.143	0.42
	GSM1900	GPRS 2Tx Slot	Left Tilted	810	-	-	Ant 3	DSI 1	-	23.50	22.92	0.02	0.259	1.000	1.143	0.30
	WCDMA II	RMC 12.2K	Right Cheek	9262	-	-	Ant 2	DSI 1	-	18.00	17.10	-0.14	0.819	1.000	1.230	1.01
	WCDMA II	RMC 12.2K	Right Tilted	9262	-	-	Ant 2	DSI 1	-	18.00	17.10	0.02	0.733	1.000	1.230	0.90
	WCDMA II	RMC 12.2K	Left Cheek	9262	-	-	Ant 2	DSI 1	-	18.00	17.10	0.07	0.418	1.000	1.230	0.51
	WCDMA II	RMC 12.2K	Left Tilted	9262	-	-	Ant 2	DSI 1	-	18.00	17.10	0.02	0.475	1.000	1.230	0.58
	WCDMA II	RMC 12.2K	Right Cheek	9400	-	-	Ant 2	DSI 1	-	18.00	16.90	0.00	0.756	1.000	1.288	0.97
P03	WCDMA II	RMC 12.2K	Right Cheek	9538	-	-	Ant 2	DSI 1	-	18.00	16.98	0.01	0.812	1.000	1.265	1.03
	WCDMA II	RMC 12.2K	Right Tilted	9400	-	-	Ant 2	DSI 1	-	18.00	16.90	-0.10	0.766	1.000	1.288	0.99
	WCDMA II	RMC 12.2K	Right Tilted	9538	-	-	Ant 2	DSI 1	-	18.00	16.98	-0.19	0.734	1.000	1.265	0.93
	WCDMA II	RMC 12.2K	Right Cheek	9400	-	-	Ant 3	DSI 1	-	17.00	16.06	-0.01	0.293	1.000	1.242	0.36
	WCDMA II	RMC 12.2K	Right Tilted	9400	-	-	Ant 3	DSI 1	-	17.00	16.06	-0.19	0.064	1.000	1.242	0.08
	WCDMA II	RMC 12.2K	Left Cheek	9400	-	-	Ant 3	DSI 1	-	17.00	16.06	-0.10	0.504	1.000	1.242	0.63
	WCDMA II	RMC 12.2K	Left Tilted	9400	-	-	Ant 3	DSI 1	-	17.00	16.06	-0.17	0.117	1.000	1.242	0.15
	WCDMA IV	RMC 12.2K	Right Cheek	1513	-	-	Ant 0	DSI 1	-	24.00	23.39	-0.08	0.093	1.000	1.151	0.11
	WCDMA IV	RMC 12.2K	Right Tilted	1513	-	-	Ant 0	DSI 1	-	24.00	23.39	0.07	0.041	1.000	1.151	0.05
	WCDMA IV	RMC 12.2K	Left Cheek	1513	-	-	Ant 0	DSI 1	-	24.00	23.39	0.19	0.128	1.000	1.151	0.15
	WCDMA IV	RMC 12.2K	Left Tilted	1513	-	-	Ant 0	DSI 1	-	24.00	23.39	0.10	0.045	1.000	1.151	0.05
	WCDMA IV	RMC 12.2K	Right Cheek	1413	-	-	Ant 2	DSI 1	-	18.00	17.38	-0.09	0.721	1.000	1.153	0.83
	WCDMA IV	RMC 12.2K	Right Tilted	1413	-	-	Ant 2	DSI 1	-	18.00	17.38	-0.03	0.679	1.000	1.153	0.78
	WCDMA IV	RMC 12.2K	Left Cheek	1413	-	-	Ant 2	DSI 1	-	18.00	17.38	0.10	0.504	1.000	1.153	0.58
	WCDMA IV	RMC 12.2K	Left Tilted	1413	-	-	Ant 2	DSI 1	-	18.00	17.38	0.13	0.609	1.000	1.153	0.70
	WCDMA IV	RMC 12.2K	Right Cheek	1312	-	-	Ant 2	DSI 1	-	18.00	17.36	-0.17	0.705	1.000	1.159	0.82
P04	WCDMA IV	RMC 12.2K	Right Cheek	1513	-	-	Ant 2	DSI 1	-	18.00	17.35	0.00	0.722	1.000	1.161	0.84
	WCDMA IV	RMC 12.2K	Right Cheek	1513	-	-	Ant 3	DSI 1	-	17.00	16.31	-0.08	0.290	1.000	1.172	0.34
	WCDMA IV	RMC 12.2K	Right Tilted	1513	-	-	Ant 3	DSI 1	-	17.00	16.31	0.15	0.083	1.000	1.172	0.10
	WCDMA IV	RMC 12.2K	Left Cheek	1513	-	-	Ant 3	DSI 1	-	17.00	16.31	-0.15	0.593	1.000	1.172	0.70
	WCDMA IV	RMC 12.2K	Left Tilted	1513	-	-	Ant 3	DSI 1	-	17.00	16.31	-0.05	0.171	1.000	1.172	0.20
	WCDMA IV	RMC 12.2K	Right Cheek	1513	-	-	Ant 4	DSI 1	-	17.00	16.25	0.15	0.695	1.000	1.189	0.83
	WCDMA IV	RMC 12.2K	Right Tilted	1513	-	-	Ant 4	DSI 1	-	17.00	16.25	0.01	0.264	1.000	1.189	0.31
	WCDMA IV	RMC 12.2K	Left Cheek	1513	-	-	Ant 4	DSI 1	-	17.00	16.25	0.13	0.227	1.000	1.189	0.27
	WCDMA IV	RMC 12.2K	Left Tilted	1513	-	-	Ant 4	DSI 1	-	17.00	16.25	0.08	0.153	1.000	1.189	0.18
	WCDMA IV	RMC 12.2K	Right Cheek	1312	-	-	Ant 4	DSI 1	-	17.00	16.18	0.04	0.654	1.000	1.208	0.79
	WCDMA IV	RMC 12.2K	Right Cheek	1413	-	-	Ant 4	DSI 1	-	17.00	16.10	-0.15	0.649	1.000	1.230	0.80
	WCDMA V	RMC 12.2K	Right Cheek	4182	-	-	Ant 0	DSI 1	-	25.00	24.58	0.11	0.430	1.000	1.102	0.47
	WCDMA V	RMC 12.2K	Right Tilted	4182	-	-	Ant 0	DSI 1	-	25.00	24.58	0.16	0.250	1.000	1.102	0.28
	WCDMA V	RMC 12.2K	Left Cheek	4182	-	-	Ant 0	DSI 1	-	25.00	24.58	0.17	0.325	1.000	1.102	0.36
	WCDMA V	RMC 12.2K	Left Tilted	4182	-	-	Ant 0	DSI 1	-	25.00	24.58	0.05	0.190	1.000	1.102	0.21
	WCDMA V	RMC 12.2K	Right Cheek	4132	-	-	Ant 1	DSI 1	-	20.00	19.38	0.03	0.499	1.000	1.153	0.58
	WCDMA V	RMC 12.2K	Right Tilted	4132	-	-	Ant 1	DSI 1	-	20.00	19.38	0.11	0.102	1.000	1.153	0.12
	WCDMA V	RMC 12.2K	Left Cheek	4132	-	-	Ant 1	DSI 1	-	20.00	19.38	0.04	0.618	1.000	1.153	0.71
	WCDMA V	RMC 12.2K	Left Tilted	4132	-	-	Ant 1	DSI 1	-	20.00	19.38	-0.10	0.107	1.000	1.153	0.12
P05	WCDMA V	RMC 12.2K	Left Cheek	4182	-	-	Ant 1	DSI 1	-	20.00	19.29	-0.02	0.642	1.000	1.178	0.76
	WCDMA V	RMC 12.2K	Left Cheek	4233	-	-	Ant 1	DSI 1	-	20.00	19.31	-0.06	0.622	1.000	1.172	0.73
P06	LTE B2	QPSK20M	Right Cheek	19100	1	50	Ant 2	DSI 1	-	18.50	17.45	0.01	0.744	1.000	1.274	0.95
	LTE B2	QPSK20M	Right Tilted	19100	1	50	Ant 2	DSI 1	-	18.50	17.45	0.10	0.741	1.000	1.274	0.94
	LTE B2	QPSK20M	Left Cheek	19100	1	50	Ant 2	DSI 1	-	18.50	17.45	-0.19	0.432	1.000	1.274	0.55
	LTE B2	QPSK20M	Left Tilted	19100	1	50	Ant 2	DSI 1	-	18.50	17.45	-0.10	0.529	1.000	1.274	0.67
	LTE B2	QPSK20M	Right Cheek	19100	50	25	Ant 2	DSI 1	-	18.50	17.44	0.04	0.667	1.000	1.276	0.85
	LTE B2	QPSK20M	Right Tilted	19100	50	25	Ant 2	DSI 1	-	18.50	17.44	0.15	0.593	1.000	1.276	0.76
	LTE B2	QPSK20M	Left Cheek	19100	50	25	Ant 2	DSI 1	-	18.50	17.44	0.03	0.343	1.000	1.276	0.44
	LTE B2	QPSK20M	Left Tilted	19100	50	25	Ant 2	DSI 1	-	18.50	17.44	-0.18	0.377	1.000	1.276	0.48
	LTE B2	QPSK20M	Right Cheek	18700	1	50	Ant 2	DSI 1	-	18.50	17.44	0.13	0.721	1.000	1.276	0.92
	LTE B2	QPSK20M	Right Cheek	18900	1	50	Ant 2	DSI 1	-	18.50	17.33	-0.14	0.719	1.000	1.309	0.94
	LTE B2	QPSK20M	Right Tilted	18700	1	50	Ant 2	DSI 1	-	18.50	17.44	-0.05	0.705	1.000	1.276	0.90
	LTE B2	QPSK20M	Right Tilted	18900	1	50	Ant 2	DSI 1	-	18.50	17.33	-0.11	0.709	1.000	1.309	0.93
	LTE B2	QPSK20M	Right Cheek	18700	50	25	Ant 2	DSI 1	-	18.50	17.41	-0.17	0.655	1.000	1.285	0.84
	LTE B2	QPSK20M	Right Cheek	18900	50	25	Ant 2	DSI 1	-	18.50	17.21	0.03	0.621	1.000	1.346	0.84
	LTE B2	QPSK20M	Right Cheek	19100	100	0	Ant 2	DSI 1	-	18.50	17.42	-0.19	0.732	1.000	1.282	0.94
	LTE B2	QPSK20M	Right Tilted	19100	100	0	Ant 2	DSI 1	-	18.50	17.42	0.06	0.692	1.000	1.282	0.89
	EN-DCLTE B2	QPSK20M	Right Cheek	19100	1	50	Ant 2	DSI 1	-	17.00	16.10	-0.11	0.544	1.000	1.230	0.67
	EN-DCLTE B2	QPSK20M	Right Tilted	19100	1	50	Ant 2	DSI 1	-	17.00	16.10	-0.11	0.535	1.000	1.230	0.66
	EN-DCLTE B2	QPSK20M	Left Cheek	19100	1	50	Ant 2	DSI 1	-	17.00	16.10	0.03	0.293	1.000	1.230	0.36
	EN-DCLTE B2	QPSK20M	Left Tilted	19100	1	50	Ant 2	DSI 1	-	17.00	16.10	0.17	0.379	1.000	1.230	0.47
	LTE B2	QPSK20M	Right Cheek	18700	1	50	Ant 3	DSI 1	-	17.50	16.55	0.17	0.318	1.000	1.245	0.40
	LTE B2	QPSK20M	Right Tilted	18700	1	50	Ant 3	DSI 1	-	17.50	16.55	0.00	0.070	1.000	1.245	0.09
	LTE B2	QPSK20M	Left Cheek	18700	1	50	Ant 3	DSI 1	-	17.50	16.55	0.18	0.526	1.000	1.245	0.66
	LTE B2	QPSK20M	Left Tilted	18700	1	50	Ant 3	DSI 1	-	17.50	16.55	-0.17	0.151	1.000	1.245	0.19

Plot No.	Band	Mode	Test Position	Ch.	RB Size	RB offset	Antenna	Power State	Duty Cycle %	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Power Drift (dB)	Measured SAR-1g (W/kg)	Duty Cycle Scaling Factor	Tune-up Scaling Factor	Scaled SAR-1g (W/kg)
	LTE B2	QPSK20M	Right Cheek	18700	50	25	Ant 3	DSI 1	-	17.50	16.51	0.13	0.244	1.000	1.256	0.31
	LTE B2	QPSK20M	Right Tilted	18700	50	25	Ant 3	DSI 1	-	17.50	16.51	-0.15	0.055	1.000	1.256	0.07
	LTE B2	QPSK20M	Left Cheek	18700	50	25	Ant 3	DSI 1	-	17.50	16.51	-0.17	0.427	1.000	1.256	0.54
	LTE B2	QPSK20M	Left Tilted	18700	50	25	Ant 3	DSI 1	-	17.50	16.51	0.08	0.122	1.000	1.256	0.15
	LTE B4	QPSK20M	Right Cheek	20050	1	50	Ant 3	DSI 1	-	17.00	16.33	-0.04	0.259	1.000	1.167	0.30
	LTE B4	QPSK20M	Right Tilted	20050	1	50	Ant 3	DSI 1	-	17.00	16.33	0.14	0.067	1.000	1.167	0.08
	LTE B4	QPSK20M	Left Cheek	20050	1	50	Ant 3	DSI 1	-	17.00	16.33	0.05	0.503	1.000	1.167	0.59
	LTE B4	QPSK20M	Left Tilted	20050	1	50	Ant 3	DSI 1	-	17.00	16.33	-0.18	0.129	1.000	1.167	0.15
	LTE B4	QPSK20M	Right Cheek	20050	50	50	Ant 3	DSI 1	-	17.00	16.31	-0.06	0.251	1.000	1.172	0.29
	LTE B4	QPSK20M	Right Tilted	20050	50	50	Ant 3	DSI 1	-	17.00	16.31	0.04	0.062	1.000	1.172	0.07
	LTE B4	QPSK20M	Left Cheek	20050	50	50	Ant 3	DSI 1	-	17.00	16.31	-0.08	0.519	1.000	1.172	0.61
	LTE B4	QPSK20M	Left Tilted	20050	50	50	Ant 3	DSI 1	-	17.00	16.31	0.16	0.122	1.000	1.172	0.14
	LTE B4	QPSK20M	Right Cheek	20175	1	50	Ant 4	DSI 1	-	18.00	17.15	0.00	0.792	1.000	1.216	0.96
	LTE B4	QPSK20M	Right Tilted	20175	1	50	Ant 4	DSI 1	-	18.00	17.15	0.08	0.285	1.000	1.216	0.35
	LTE B4	QPSK20M	Left Cheek	20175	1	50	Ant 4	DSI 1	-	18.00	17.15	-0.06	0.211	1.000	1.216	0.26
	LTE B4	QPSK20M	Left Tilted	20175	1	50	Ant 4	DSI 1	-	18.00	17.15	0.04	0.155	1.000	1.216	0.19
	LTE B4	QPSK20M	Right Cheek	20175	50	50	Ant 4	DSI 1	-	18.00	17.14	0.07	0.786	1.000	1.219	0.96
	LTE B4	QPSK20M	Right Tilted	20175	50	50	Ant 4	DSI 1	-	18.00	17.14	-0.14	0.290	1.000	1.219	0.35
	LTE B4	QPSK20M	Left Cheek	20175	50	50	Ant 4	DSI 1	-	18.00	17.14	0.01	0.227	1.000	1.219	0.28
	LTE B4	QPSK20M	Left Tilted	20175	50	50	Ant 4	DSI 1	-	18.00	17.14	0.05	0.144	1.000	1.219	0.18
	LTE B4	QPSK20M	Right Cheek	20050	1	50	Ant 4	DSI 1	-	18.00	17.12	0.14	0.791	1.000	1.225	0.97
	LTE B4	QPSK20M	Right Cheek	20300	1	50	Ant 4	DSI 1	-	18.00	17.06	-0.14	0.788	1.000	1.242	0.98
	LTE B4	QPSK20M	Right Cheek	20050	50	50	Ant 4	DSI 1	-	18.00	17.13	-0.17	0.794	1.000	1.222	0.97
P07	LTE B4	QPSK20M	Right Cheek	20300	50	50	Ant 4	DSI 1	-	18.00	17.11	0.00	0.798	1.000	1.227	0.98
	LTE B4	QPSK20M	Right Cheek	20175	100	0	Ant 4	DSI 1	-	18.00	17.08	-0.18	0.788	1.000	1.236	0.97
	LTE B5	QPSK10M	Right Cheek	20450	1	24	Ant 1	DSI 1	-	21.00	19.95	-0.17	0.580	1.000	1.274	0.74
	LTE B5	QPSK10M	Right Tilted	20450	1	24	Ant 1	DSI 1	-	21.00	19.95	-0.12	0.130	1.000	1.274	0.17
	LTE B5	QPSK10M	Left Cheek	20450	1	24	Ant 1	DSI 1	-	21.00	19.95	-0.08	0.770	1.000	1.274	0.98
	LTE B5	QPSK10M	Left Tilted	20450	1	24	Ant 1	DSI 1	-	21.00	19.95	-0.07	0.120	1.000	1.274	0.15
	LTE B5	QPSK10M	Right Cheek	20450	25	12	Ant 1	DSI 1	-	21.00	19.90	0.00	0.680	1.000	1.288	0.88
	LTE B5	QPSK10M	Right Tilted	20450	25	12	Ant 1	DSI 1	-	21.00	19.90	0.18	0.130	1.000	1.288	0.17
	LTE B5	QPSK10M	Left Cheek	20450	25	12	Ant 1	DSI 1	-	21.00	19.90	-0.09	0.764	1.000	1.288	0.98
	LTE B5	QPSK10M	Left Tilted	20450	25	12	Ant 1	DSI 1	-	21.00	19.90	0.01	0.140	1.000	1.288	0.18
P08	LTE B5	QPSK10M	Left Cheek	20525	1	24	Ant 1	DSI 1	-	21.00	19.87	0.00	0.786	1.000	1.297	1.02
	LTE B5	QPSK10M	Left Cheek	20600	1	24	Ant 1	DSI 1	-	21.00	19.83	-0.11	0.775	1.000	1.309	1.02
	LTE B5	QPSK10M	Right Cheek	20525	25	12	Ant 1	DSI 1	-	21.00	19.87	0.05	0.660	1.000	1.297	0.86
	LTE B5	QPSK10M	Right Cheek	20600	25	12	Ant 1	DSI 1	-	21.00	19.83	-0.13	0.660	1.000	1.309	0.86
	LTE B5	QPSK10M	Left Cheek	20525	25	12	Ant 1	DSI 1	-	21.00	19.87	0.18	0.660	1.000	1.297	0.86
	LTE B5	QPSK10M	Left Cheek	20600	25	12	Ant 1	DSI 1	-	21.00	19.83	0.12	0.778	1.000	1.309	1.02
	LTE B5	QPSK10M	Right Cheek	20450	50	0	Ant 1	DSI 1	-	21.00	19.89	-0.09	0.788	1.000	1.291	1.02
	LTE B5	QPSK10M	Left Cheek	20450	50	0	Ant 1	DSI 1	-	21.00	19.89	-0.17	0.784	1.000	1.291	1.01
	LTE B5(Other PA)	QPSK10M	Left Cheek	20525	1	24	Ant 1	DSI 1	-	20.50	19.40	0.13	0.724	1.000	1.288	0.93
	DSDALTE B5	QPSK10M	Right Cheek	20450	50	0	Ant 1	DSI 1	-	18.00	16.84	0.17	0.290	1.000	1.306	0.38
	DSDALTE B5	QPSK10M	Left Cheek	20525	1	24	Ant 1	DSI 1	-	18.00	16.85	-0.01	0.364	1.000	1.303	0.47
	LTE B7(Other PA)	QPSK20M	Right Cheek	21350	1	0	Ant 0	DSI 1	-	24.50	24.06	0.04	0.073	1.000	1.107	0.08
	LTE B7(Other PA)	QPSK20M	Right Tilted	21350	1	0	Ant 0	DSI 1	-	24.50	24.06	0.02	0.064	1.000	1.107	0.07
	LTE B7(Other PA)	QPSK20M	Left Cheek	21350	1	0	Ant 0	DSI 1	-	24.50	24.06	-0.11	0.091	1.000	1.107	0.10
	LTE B7(Other PA)	QPSK20M	Left Tilted	21350	1	0	Ant 0	DSI 1	-	24.50	24.06	0.06	0.000	1.000	1.107	0.00
	LTE B7(Other PA)	QPSK20M	Right Cheek	21350	50	0	Ant 0	DSI 1	-	23.50	23.00	0.18	0.059	1.000	1.122	0.07
	LTE B7(Other PA)	QPSK20M	Right Tilted	21350	50	0	Ant 0	DSI 1	-	23.50	23.00	0.00	0.047	1.000	1.122	0.05
	LTE B7(Other PA)	QPSK20M	Left Cheek	21350	50	0	Ant 0	DSI 1	-	23.50	23.00	0.15	0.081	1.000	1.122	0.09
	LTE B7(Other PA)	QPSK20M	Left Tilted	21350	50	0	Ant 0	DSI 1	-	23.50	23.00	0.08	0.000	1.000	1.122	0.00
	LTE B7C	QPSK20M	Left Cheek	PCC:20850 SCC:21048	PCC:1 SCC:1	PCC:99 SCC:0	Ant 0	DSI 1	-	24.50	23.84	-0.17	0.086	1.000	1.164	0.10
	LTE B7	QPSK20M	Left Cheek	21350	1	0	Ant 0	DSI 1	-	24.00	23.87	0.02	0.053	1.000	1.030	0.06
	LTE B7	QPSK20M	Right Cheek	21100	1	0	Ant 2	DSI 1	-	16.00	15.26	-0.10	0.737	1.000	1.186	0.87
	LTE B7	QPSK20M	Right Tilted	21100	1	0	Ant 2	DSI 1	-	16.00	15.26	-0.19	0.768	1.000	1.186	0.91
	LTE B7	QPSK20M	Left Cheek	21100	1	0	Ant 2	DSI 1	-	16.00	15.26	-0.06	0.324	1.000	1.186	0.38
	LTE B7	QPSK20M	Left Tilted	21100	1	0	Ant 2	DSI 1	-	16.00	15.26	-0.18	0.514	1.000	1.186	0.61
	LTE B7	QPSK20M	Right Cheek	21100	50	0	Ant 2	DSI 1	-	16.00	15.17	-0.11	0.595	1.000	1.211	0.72
	LTE B7	QPSK20M	Right Tilted	21100	50	0	Ant 2	DSI 1	-	16.00	15.17	-0.08	0.641	1.000	1.211	0.78
	LTE B7	QPSK20M	Left Cheek	21100	50	0	Ant 2	DSI 1	-	16.00	15.17	0.11	0.259	1.000	1.211	0.31
	LTE B7	QPSK20M	Left Tilted	21100	50	0	Ant 2	DSI 1	-	16.00	15.17	-0.16	0.410	1.000	1.211	0.50
	LTE B7	QPSK20M	Right Cheek	20850	1	0	Ant 2	DSI 1	-	16.00	15.19	0.10	0.721	1.000	1.205	0.87
	LTE B7	QPSK20M	Right Cheek	21350	1	0	Ant 2	DSI 1	-	16.00	15.17	0.12	0.699	1.000	1.211	0.85
P09	LTE B7	QPSK20M	Right Tilted	20850	1	0	Ant 2	DSI 1	-	16.00	15.19	-0.01	0.778	1.000	1.205	0.94
	LTE B7	QPSK20M	Right Tilted	21350	1	0	Ant 2	DSI 1	-	16.00	15.17	0.18	0.764	1.000	1.211	0.93
	LTE B7	QPSK20M	Right Tilted	21100	100	0	Ant 2	DSI 1	-	16.00	15.24	-0.08	0.753	1.000	1.191	0.90
	LTE B7C	QPSK20M	Right Tilted	PCC:21152 SCC:21350	PCC:1 SCC:1	PCC:99 SCC:0	Ant 2	DSI 1	-	16.00	15.13	-0.11	0.746	1.000	1.222	0.91
	LTE B7(Other PA)	QPSK20M	Right Tilted	20850	1	0	Ant 2	DSI 1	-	16.00	15.10	-0.14	0.751	1.000	1.230	0.92
	DSDALTE B7	QPSK20M	Right Cheek	21100	1	0	Ant 2	DSI 1	-	13.50	12.81	0.16	0.411	1.000	1.172	0.48
	DSDALTE B7	QPSK20M	Right Tilted	20850	1	0	Ant 2	DSI 1	-	13.50	12.71	0.05	0.449	1.000	1.199	0.54
	DSDALTE B7	QPSK20M	Left Tilted	21100	1	0	Ant 2	DSI 1	-	13.50	12.81	0.17	0.253	1.000	1.172	0.30
	LTE B7	QPSK20M	Right Cheek	21100	1	50	Ant 3	DSI 1	-	18.50	17.19	-0.01	0.356	1.000	1.352	0.48
	LTE B7	QPSK20M	Right Tilted	21100	1	50	Ant 3	DSI 1	-	18.50	17.19	0.09	0.063	1.000	1.352	0.09
	LTE B7	QPSK20M	Left Cheek	21100	1	50	Ant 3	DSI 1	-	18.50	17.19	0.08	0.491	1.000	1.352	0.66
	LTE B7	QPSK20M	Left Tilted	21100	1	50	Ant 3	DSI 1	-	18.50	17.19	0.08	0.129	1.000	1.352	0.17
	LTE B7	QPSK20M	Right Cheek	21100	50	0	Ant 3	DSI 1	-	18.50	17.15	-0.03	0.274	1.000	1.365	0.37
	LTE B7	QPSK20M	Right Tilted	21100	50	0	Ant 3	DSI 1	-	18.50	17.15	-0.13	0.059	1.000	1.365	0.08
	LTE B7	QPSK20M	Left Cheek	21100	50	0	Ant 3	DSI 1	-	18.50	17.15	0.02	0.400	1.000	1.365	0.55
	LTE B7	QPSK20M	Left Tilted	21100	50	0	Ant 3	DSI 1	-	18.50	17.15	-0.12	0.113	1.000	1.365	0.15
	LTE B7C	QPSK20M	Left Cheek	PCC:20850 SCC:21048	PCC:1 SCC:1	PCC:99 SCC:0	Ant 3	DSI 1	-	18.50	17.35	0.08	0.428	1.000	1.303	0.56
	LTE B7(Other PA)	QPSK20M	Left Cheek	21100	1	50	Ant 3	DSI 1	-	18.50	17.27	0.09	0.435	1.000	1.327	0.58
	DSDALTE B7	QPSK20M	Left Cheek	21100	1	50	Ant 3	DSI 1	-	17.50	16.27	-0.18	0359	1.000	1.327	0.48
	LTE B7	QPSK20M	Right Cheek	21100	1	50	Ant 4	DSI 1	-	15.00	13.61	-0.19	0.577	1.000	1.377	0.80
	LTE B7	QPSK20M	Right Tilted	21100	1	50	Ant 4	DSI 1	-	15.00	13.61	-0.18	0.238	1.000	1.377	0.33
	LTE B7	QPSK20M	Left Cheek	21100	1	50	Ant 4	DSI 1	-	15.00	13.61	-0.17	0.130	1.000	1.377	0.18
	LTE B7	QPSK20M	Left Tilted	21100	1	50	Ant 4	DSI 1	-	15.00	13.61	0.12	0.101	1.000	1.377	0.14
	LTE B7	QPSK20M	Right Cheek	21100	50	0	Ant 4	DSI 1	-	15.00	13.53	0.09	0.562	1.000	1.403	0.79
	LTE B7	QPSK20M	Right Tilted	21100	50	0	Ant 4	DSI 1	-	15.00	13.53	-0.06	0.206	1.000	1.403	0.29
	LTE B7	QPSK20M	Left Cheek	21100	50	0	Ant 4	DSI 1	-	15.00	13.53	-0.04	0.122	1.000	1.403	0.17

Plot No.	Band	Mode	Test Position	Ch.	RB Size	RB offset	Antenna	Power State	Duty Cycle %	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Power Drift (dB)	Measured SAR-1g (W/kg)	Duty Cycle Scaling Factor	Tune-up Scaling Factor	Scaled SAR-1g (W/kg)
	LTE B7	QPSK20M	Left Tilted	21100	50	0	Ant 4	DSI 1	-	15.00	13.53	-0.12	0.075	1.000	1.403	0.11
	LTE B7	QPSK20M	Right Cheek	20850	1	50	Ant 4	DSI 1	-	15.00	13.58	0.18	0.544	1.000	1.387	0.75
	LTE B7	QPSK20M	Right Cheek	21350	1	50	Ant 4	DSI 1	-	15.00	13.46	0.11	0.540	1.000	1.426	0.77
	LTE B7	QPSK20M	Right Cheek	21100	100	0	Ant 4	DSI 1	-	15.00	13.39	0.01	0.486	1.000	1.449	0.70
	LTE B7C	QPSK20M	Right Cheek	PCC:21152 SCC:21350	PCC:1 SCC:1	PCC:99 SCC:0	Ant 4	DSI 1	-	15.00	14.16	-0.08	0.512	1.000	1.213	0.62
	LTE B7(Other PA)	QPSK20M	Right Cheek	21100	1	50	Ant 4	DSI 1	-	15.00	13.65	-0.15	0.525	1.000	1.365	0.72
	EN-DC&DSDALTE B7	QPSK20M	Right Cheek	21100	1	50	Ant 4	DSI 1	-	13.50	12.19	-0.07	0.387	1.000	1.352	0.52
	LTE B26 / 5	QPSK15M	Right Cheek	26765	1	37	Ant 0	DSI 1	-	25.50	25.21	0.06	0.406	1.000	1.069	**0.43**
	LTE B26 / 5	QPSK15M	Right Tilted	26765	1	37	Ant 0	DSI 1	-	25.50	25.21	0.16	0.251	1.000	1.069	0.27
	LTE B26 / 5	QPSK15M	Left Cheek	26765	1	37	Ant 0	DSI 1	-	25.50	25.21	-0.12	0.192	1.000	1.069	0.21
	LTE B26 / 5	QPSK15M	Left Tilted	26765	1	37	Ant 0	DSI 1	-	25.50	25.21	-0.03	0.119	1.000	1.069	0.13
	LTE B26 / 5	QPSK15M	Right Cheek	26765	36	19	Ant 0	DSI 1	-	24.50	24.25	-0.02	0.333	1.000	1.059	0.35
	LTE B26 / 5	QPSK15M	Right Tilted	26765	36	19	Ant 0	DSI 1	-	24.50	24.25	0.10	0.201	1.000	1.059	0.21
	LTE B26 / 5	QPSK15M	Left Cheek	26765	36	19	Ant 0	DSI 1	-	24.50	24.25	0.12	0.284	1.000	1.059	0.30
	LTE B26 / 5	QPSK15M	Left Tilted	26765	36	19	Ant 0	DSI 1	-	24.50	24.25	-0.12	0.171	1.000	1.059	0.18
	LTE B26	QPSK15M	Right Cheek	26865	1	37	Ant 1	DSI 1	-	20.50	19.92	-0.11	0.497	1.000	1.143	0.57
	LTE B26	QPSK15M	Right Tilted	26865	1	37	Ant 1	DSI 1	-	20.50	19.92	-0.13	0.102	1.000	1.143	0.12
P10	LTE B26	QPSK15M	Left Cheek	26865	1	37	Ant 1	DSI 1	-	20.50	19.92	0.01	0.688	1.000	1.143	**0.79**
	LTE B26	QPSK15M	Left Tilted	26865	1	37	Ant 1	DSI 1	-	20.50	19.92	-0.08	0.120	1.000	1.143	0.14
	LTE B26	QPSK15M	Right Cheek	26865	36	19	Ant 1	DSI 1	-	20.50	19.81	0.07	0.396	1.000	1.172	0.46
	LTE B26	QPSK15M	Right Tilted	26865	36	19	Ant 1	DSI 1	-	20.50	19.81	0.16	0.080	1.000	1.172	0.09
	LTE B26	QPSK15M	Left Cheek	26865	36	19	Ant 1	DSI 1	-	20.50	19.81	0.15	0.588	1.000	1.172	0.69
	LTE B26	QPSK15M	Left Tilted	26865	36	19	Ant 1	DSI 1	-	20.50	19.81	0.06	0.093	1.000	1.172	0.11
	LTE B38	QPSK20M	Right Cheek	38000	1	50	Ant 2	DSI 1	62.9	19.00	18.30	0.13	0.627	1.006	1.175	0.74
	LTE B38	QPSK20M	Right Tilted	38000	1	50	Ant 2	DSI 1	62.9	19.00	18.30	-0.11	0.683	1.006	1.175	0.81
	LTE B38	QPSK20M	Left Cheek	38000	1	50	Ant 2	DSI 1	62.9	19.00	18.30	0.08	0.266	1.006	1.175	0.31
	LTE B38	QPSK20M	Left Tilted	38000	1	50	Ant 2	DSI 1	62.9	19.00	18.30	0.16	0.399	1.006	1.175	0.47
	LTE B38	QPSK20M	Right Cheek	38000	50	25	Ant 2	DSI 1	62.9	19.00	18.15	-0.11	0.629	1.006	1.216	0.77
	LTE B38	QPSK20M	Right Tilted	38000	50	25	Ant 2	DSI 1	62.9	19.00	18.15	-0.19	0.709	1.006	1.216	0.87
	LTE B38	QPSK20M	Left Cheek	38000	50	25	Ant 2	DSI 1	62.9	19.00	18.15	-0.08	0.265	1.006	1.216	0.32
	LTE B38	QPSK20M	Left Tilted	38000	50	25	Ant 2	DSI 1	62.9	19.00	18.15	0.08	0.389	1.006	1.216	0.48
	LTE B38	QPSK20M	Right Tilted	37850	1	50	Ant 2	DSI 1	62.9	19.00	18.23	0.03	0.712	1.006	1.194	0.86
	LTE B38	QPSK20M	Right Tilted	38150	1	50	Ant 2	DSI 1	62.9	19.00	18.18	-0.11	0.711	1.006	1.208	0.86
P11	LTE B38	QPSK20M	Right Tilted	37850	50	25	Ant 2	DSI 1	62.9	19.00	18.04	-0.09	0.799	1.006	1.247	**1.00**
	LTE B38	QPSK20M	Right Tilted	38150	50	25	Ant 2	DSI 1	62.9	19.00	18.13	-0.13	0.724	1.006	1.222	0.89
	LTE B38	QPSK20M	Right Tilted	38000	100	0	Ant 2	DSI 1	62.9	19.00	18.17	0.13	0.710	1.006	1.211	0.87
	LTE B38C	QPSK20M	Right Tilted	PCC:37901 SCC:38099	PCC:1 SCC:1	PCC:99 SCC:0	Ant 2	DSI 1	62.9	19.00	17.54	0.13	0.706	1.006	1.400	0.99
	LTE B38(Other PA)	QPSK20M	Right Tilted	37850	50	25	Ant 2	DSI 1	62.9	19.00	18.03	-0.10	0.733	1.006	1.250	0.92
	DSDALTE B38	QPSK20M	Right Cheek	38000	50	25	Ant 2	DSI 1	62.9	15.50	14.66	-0.15	0.313	1.006	1.213	0.38
	DSDALTE B38	QPSK20M	Right Tilted	37850	50	25	Ant 2	DSI 1	62.9	15.50	14.58	-0.05	0.349	1.006	1.236	0.43
	LTE B41 /38	QPSK20M	Right Cheek	39750	1	0	Ant 0	DSI 1	62.9	24.50	23.86	-0.12	0.044	1.006	1.159	0.05
	LTE B41 /38	QPSK20M	Right Tilted	39750	1	0	Ant 0	DSI 1	62.9	24.50	23.86	-0.01	0.000	1.006	1.159	0.00
	LTE B41 /38	QPSK20M	Left Cheek	39750	1	0	Ant 0	DSI 1	62.9	24.50	23.86	0.11	0.054	1.006	1.159	**0.06**
	LTE B41 /38	QPSK20M	Left Tilted	39750	1	0	Ant 0	DSI 1	62.9	24.50	23.86	-0.13	0.000	1.006	1.159	0.00
	LTE B41 /38	QPSK20M	Right Cheek	39750	50	0	Ant 0	DSI 1	62.9	23.50	22.88	0.13	0.034	1.006	1.153	0.04
	LTE B41 /38	QPSK20M	Right Tilted	39750	50	0	Ant 0	DSI 1	62.9	23.50	22.88	0.02	0.000	1.006	1.153	0.00
	LTE B41 /38	QPSK20M	Left Cheek	39750	50	0	Ant 0	DSI 1	62.9	23.50	22.88	-0.18	0.051	1.006	1.153	0.06
	LTE B41 /38	QPSK20M	Left Tilted	39750	50	0	Ant 0	DSI 1	62.9	23.50	22.88	-0.09	0.000	1.006	1.153	0.00
	LTE B41C / 38C	QPSK20M	Left Cheek	PCC:40521 SCC:40719	PCC:1 SCC:1	PCC:99 SCC:0	Ant 0	DSI 1	62.9	24.50	23.72	0.13	0.038	1.006	1.197	0.05
	LTE B41 / 38(Other PA)	QPSK20M	Left Cheek	39750	1	0	Ant 0	DSI 1	62.9	24.50	23.78	-0.08	0.021	1.006	1.180	0.03
	LTE B41	QPSK20M	Right Cheek	39750	1	0	Ant 2	DSI 1	62.9	18.00	17.39	-0.06	0.667	1.006	1.151	0.77
P12	LTE B41	QPSK20M	Right Tilted	39750	1	0	Ant 2	DSI 1	62.9	18.00	17.39	0.02	0.772	1.006	1.151	**0.89**
	LTE B41	QPSK20M	Left Cheek	39750	1	0	Ant 2	DSI 1	62.9	18.00	17.39	-0.15	0.276	1.006	1.151	0.32
	LTE B41	QPSK20M	Left Tilted	39750	1	0	Ant 2	DSI 1	62.9	18.00	17.39	-0.13	0.412	1.006	1.151	0.48
	LTE B41	QPSK20M	Right Cheek	39750	50	25	Ant 2	DSI 1	62.9	18.00	17.32	-0.01	0.654	1.006	1.169	0.77
	LTE B41	QPSK20M	Right Tilted	39750	50	25	Ant 2	DSI 1	62.9	18.00	17.32	0.13	0.664	1.006	1.169	0.78
	LTE B41	QPSK20M	Left Cheek	39750	50	25	Ant 2	DSI 1	62.9	18.00	17.32	-0.08	0.266	1.006	1.169	0.31
	LTE B41	QPSK20M	Left Tilted	39750	50	25	Ant 2	DSI 1	62.9	18.00	17.32	0.14	0.397	1.006	1.169	0.47
	LTE B41	QPSK20M	Right Tilted	40185	1	0	Ant 2	DSI 1	62.9	18.00	17.29	0.06	0.625	1.006	1.178	0.74
	LTE B41	QPSK20M	Right Tilted	40620	1	0	Ant 2	DSI 1	62.9	18.00	17.37	0.15	0.553	1.006	1.156	0.64
	LTE B41	QPSK20M	Right Tilted	41055	50	25	Ant 2	DSI 1	62.9	18.00	17.32	0.05	0.523	1.006	1.169	0.62
	LTE B41	QPSK20M	Right Tilted	41490	50	25	Ant 2	DSI 1	62.9	18.00	17.34	0.06	0.504	1.006	1.164	0.59
	LTE B41	QPSK20M	Right Tilted	39750	100	0	Ant 2	DSI 1	62.9	18.00	17.38	-0.12	0.629	1.006	1.153	0.73
	LTE B41C	QPSK20M	Right Tilted	PCC:39750 SCC:39948	PCC:1 SCC:1	PCC:99 SCC:0	Ant 2	DSI 1	62.9	18.00	17.23	0.09	0.734	1.006	1.194	0.88
	LTE B41(Other PA)	QPSK20M	Right Tilted	39750	1	0	Ant 2	DSI 1	62.9	18.00	17.35	-0.17	0.718	1.006	1.161	0.84
	DSDALTE B41	QPSK20M	Right Cheek	39750	1	0	Ant 2	DSI 1	62.9	15.50	14.94	0.16	0.404	1.006	1.138	0.46
	DSDALTE B41	QPSK20M	Right Tilted	39750	1	0	Ant 2	DSI 1	62.9	15.50	14.94	-0.05	0.426	1.006	1.138	0.49
	LTE B41 /38	QPSK20M	Right Cheek	40185	1	0	Ant 3	DSI 1	62.9	22.00	20.97	0.10	0.464	1.006	1.268	0.59
	LTE B41 /38	QPSK20M	Right Tilted	40185	1	0	Ant 3	DSI 1	62.9	22.00	20.97	0.11	0.074	1.006	1.268	0.09
	LTE B41 /38	QPSK20M	Left Cheek	40185	1	0	Ant 3	DSI 1	62.9	22.00	20.97	-0.16	0.638	1.006	1.268	**0.81**
	LTE B41 /38	QPSK20M	Left Tilted	40185	1	0	Ant 3	DSI 1	62.9	22.00	20.97	-0.09	0.145	1.006	1.268	0.19
	LTE B41 /38	QPSK20M	Right Cheek	40185	50	0	Ant 3	DSI 1	62.9	22.00	20.81	-0.16	0.404	1.006	1.315	0.54
	LTE B41 /38	QPSK20M	Right Tilted	40185	50	0	Ant 3	DSI 1	62.9	22.00	20.81	0.05	0.058	1.006	1.315	0.08
	LTE B41 /38	QPSK20M	Left Cheek	40185	50	0	Ant 3	DSI 1	62.9	22.00	20.81	0.00	0.504	1.006	1.315	0.67
	LTE B41 /38	QPSK20M	Left Tilted	40185	50	0	Ant 3	DSI 1	62.9	22.00	20.81	-0.18	0.114	1.006	1.315	0.15
	LTE B41 /38	QPSK20M	Left Cheek	39750	1	0	Ant 3	DSI 1	62.9	22.00	20.90	0.11	0.534	1.006	1.288	0.69
	LTE B41 /38	QPSK20M	Left Cheek	40620	1	0	Ant 3	DSI 1	62.9	22.00	20.95	0.05	0.566	1.006	1.274	0.73
	LTE B41 /38	QPSK20M	Left Cheek	41055	1	0	Ant 3	DSI 1	62.9	22.00	20.87	-0.16	0.522	1.006	1.297	0.68
	LTE B41 /38	QPSK20M	Left Cheek	41490	1	0	Ant 3	DSI 1	62.9	22.00	20.92	0.06	0.575	1.006	1.282	0.74
	LTE B41 /38	QPSK20M	Left Cheek	40185	100	0	Ant 3	DSI 1	62.9	22.00	20.83	-0.07	0.528	1.006	1.309	0.70
	LTE B41C / 38C	QPSK20M	Left Cheek	PCC:39750 SCC:39948	PCC:1 SCC:1	PCC:99 SCC:0	Ant 3	DSI 1	62.9	22.00	21.13	-0.11	0.607	1.006	1.222	0.75
	LTE B41 / 38(Other PA)	QPSK20M	Left Cheek	40185	1	0	Ant 3	DSI 1	62.9	22.00	20.88	-0.08	0.594	1.006	1.294	0.77
	DSDALTE B41 / 38	QPSK20M	Right Cheek	40185	1	0	Ant 3	DSI 1	62.9	20.00	18.68	-0.16	0.308	1.006	1.355	0.42
	DSDALTE B41 / 38	QPSK20M	Left Cheek	40185	1	0	Ant 3	DSI 1	62.9	20.00	18.68	-0.07	0.345	1.006	1.355	0.47
	LTE B41 / 38(Other PA)	QPSK20M	Right Cheek	39750	1	0	Ant 4	DSI 1	62.9	19.00	18.32	0.19	0.631	1.006	1.169	**0.74**
	LTE B41 / 38(Other PA)	QPSK20M	Right Tilted	39750	1	0	Ant 4	DSI 1	62.9	19.00	18.32	0.02	0.267	1.006	1.169	0.31
	LTE B41 / 38(Other PA)	QPSK20M	Left Cheek	39750	1	0	Ant 4	DSI 1	62.9	19.00	18.32	-0.14	0.152	1.006	1.169	0.18
	LTE B41 / 38(Other PA)	QPSK20M	Left Tilted	39750	1	0	Ant 4	DSI 1	62.9	19.00	18.32	0.11	0.106	1.006	1.169	0.13
	LTE B41 / 38(Other PA)	QPSK20M	Right Cheek	39750	50	0	Ant 4	DSI 1	62.9	19.00	18.22	0.19	0.561	1.006	1.197	0.68

Plot No.	Band	Mode	Test Position	Ch.	RB Size	RB offset	Antenna	Power State	Duty Cycle %	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Power Drift (dB)	Measured SAR-1g (W/kg)	Duty Cycle Scaling Factor	Tune-up Scaling Factor	Scaled SAR-1g (W/kg)
	LTE B41 / 38(Other PA)	QPSK20M	Right Tilted	39750	50	0	Ant 4	DSI 1	62.9	19.00	18.22	-0.14	0.219	1.006	1.197	0.26
	LTE B41 / 38(Other PA)	QPSK20M	Left Cheek	39750	50	0	Ant 4	DSI 1	62.9	19.00	18.22	-0.09	0.111	1.006	1.197	0.13
	LTE B41 / 38(Other PA)	QPSK20M	Left Tilted	39750	50	0	Ant 4	DSI 1	62.9	19.00	18.22	0.06	0.074	1.006	1.197	0.09
	LTE B41C / 38C	QPSK20M	Right Cheek	PCC:40521 SCC:40719	PCC:1 SCC:1	PCC:99 SCC:0	Ant 4	DSI 1	62.9	18.00	17.26	0.17	0.607	1.006	1.186	0.72
	LTE B41 / 38	QPSK20M	Right Cheek	39750	1	0	Ant 4	DSI 1	62.9	18.00	17.37	-0.16	0.612	1.006	1.156	0.71
	EN-DC&DSDALTE B41 / 38(Other PA)	QPSK20M	Right Cheek	39750	1	0	Ant 4	DSI 1	62.9	17.50	16.86	-0.17	0.324	1.006	1.159	0.38
	LTE B42 Part27Q	QPSK20M	Right Cheek	42190	1	50	Ant 1	DSI 1	62.9	17.00	16.38	-0.04	0.620	1.006	1.153	0.72
	LTE B42 Part27Q	QPSK20M	Right Tilted	42190	1	50	Ant 1	DSI 1	62.9	17.00	16.38	0.18	0.103	1.006	1.153	0.12
	LTE B42 Part27Q	QPSK20M	Left Cheek	42190	1	50	Ant 1	DSI 1	62.9	17.00	16.38	0.19	0.127	1.006	1.153	0.15
	LTE B42 Part27Q	QPSK20M	Left Tilted	42190	1	50	Ant 1	DSI 1	62.9	17.00	16.38	0.06	0.053	1.006	1.153	0.06
	LTE B42 Part27Q	QPSK20M	Right Cheek	42190	50	0	Ant 1	DSI 1	62.9	17.00	16.29	0.03	0.561	1.006	1.178	0.67
	LTE B42 Part27Q	QPSK20M	Right Tilted	42190	50	0	Ant 1	DSI 1	62.9	17.00	16.29	-0.01	0.082	1.006	1.178	0.10
	LTE B42 Part27Q	QPSK20M	Left Cheek	42190	50	0	Ant 1	DSI 1	62.9	17.00	16.29	-0.16	0.101	1.006	1.178	0.12
	LTE B42 Part27Q	QPSK20M	Left Tilted	42190	50	0	Ant 1	DSI 1	62.9	17.00	16.29	0.11	0.041	1.006	1.178	0.05
	LTE B42 Part27Q	QPSK20M	Right Cheek	42190	1	50	Ant 2	DSI 1	62.9	15.50	14.89	-0.02	0.390	1.006	1.151	0.45
	LTE B42 Part27Q	QPSK20M	Right Tilted	42190	1	50	Ant 2	DSI 1	62.9	15.50	14.89	-0.03	0.495	1.006	1.151	0.57
	LTE B42 Part27Q	QPSK20M	Left Cheek	42190	1	50	Ant 2	DSI 1	62.9	15.50	14.89	-0.10	0.179	1.006	1.151	0.21
	LTE B42 Part27Q	QPSK20M	Left Tilted	42190	1	50	Ant 2	DSI 1	62.9	15.50	14.89	0.08	0.269	1.006	1.151	0.31
	LTE B42 Part27Q	QPSK20M	Right Cheek	42190	50	25	Ant 2	DSI 1	62.9	15.50	14.85	-0.04	0.342	1.006	1.161	0.40
	LTE B42 Part27Q	QPSK20M	Right Tilted	42190	50	25	Ant 2	DSI 1	62.9	15.50	14.85	0.08	0.431	1.006	1.161	0.50
	LTE B42 Part27Q	QPSK20M	Left Cheek	42190	50	25	Ant 2	DSI 1	62.9	15.50	14.85	0.00	0.155	1.006	1.161	0.18
	LTE B42 Part27Q	QPSK20M	Left Tilted	42190	50	25	Ant 2	DSI 1	62.9	15.50	14.85	0.04	0.215	1.006	1.161	0.25
	LTE B42 Part27Q	QPSK20M	Right Cheek	42190	1	50	Ant 3	DSI 1	62.9	20.00	19.03	0.15	0.437	1.006	1.250	0.55
	LTE B42 Part27Q	QPSK20M	Right Tilted	42190	1	50	Ant 3	DSI 1	62.9	20.00	19.03	-0.02	0.055	1.006	1.250	0.07
	LTE B42 Part27Q	QPSK20M	Left Cheek	42190	1	50	Ant 3	DSI 1	62.9	20.00	19.03	-0.12	0.466	1.006	1.250	0.59
	LTE B42 Part27Q	QPSK20M	Left Tilted	42190	1	50	Ant 3	DSI 1	62.9	20.00	19.03	0.19	0.123	1.006	1.250	0.16
	LTE B42 Part27Q	QPSK20M	Right Cheek	42190	50	25	Ant 3	DSI 1	62.9	20.00	19.02	0.16	0.242	1.006	1.253	0.31
	LTE B42 Part27Q	QPSK20M	Right Tilted	42190	50	25	Ant 3	DSI 1	62.9	20.00	19.02	0.00	0.045	1.006	1.253	0.06
	LTE B42 Part27Q	QPSK20M	Left Cheek	42190	50	25	Ant 3	DSI 1	62.9	20.00	19.02	-0.12	0.377	1.006	1.253	0.48
	LTE B42 Part27Q	QPSK20M	Left Tilted	42190	50	25	Ant 3	DSI 1	62.9	20.00	19.02	-0.10	0.100	1.006	1.253	0.13
	LTE B42 Part27Q	QPSK20M	Right Cheek	42190	1	50	Ant 7	DSI 1	62.9	20.00	19.44	0.14	0.610	1.006	1.138	0.70
	LTE B42 Part27Q	QPSK20M	Right Tilted	42190	1	50	Ant 7	DSI 1	62.9	20.00	19.44	-0.08	0.142	1.006	1.138	0.16
	LTE B42 Part27Q	QPSK20M	Left Cheek	42190	1	50	Ant 7	DSI 1	62.9	20.00	19.44	-0.16	0.286	1.006	1.138	0.33
	LTE B42 Part27Q	QPSK20M	Left Tilted	42190	1	50	Ant 7	DSI 1	62.9	20.00	19.44	-0.08	0.084	1.006	1.138	0.10
	LTE B42 Part27Q	QPSK20M	Right Cheek	42190	50	25	Ant 7	DSI 1	62.9	20.00	19.27	0.17	0.616	1.006	1.183	0.73
	LTE B42 Part27Q	QPSK20M	Right Tilted	42190	50	25	Ant 7	DSI 1	62.9	20.00	19.27	0.10	0.116	1.006	1.183	0.14
	LTE B42 Part27Q	QPSK20M	Left Cheek	42190	50	25	Ant 7	DSI 1	62.9	20.00	19.27	-0.12	0.249	1.006	1.183	0.30
	LTE B42 Part27Q	QPSK20M	Left Tilted	42190	50	25	Ant 7	DSI 1	62.9	20.00	19.27	-0.07	0.054	1.006	1.183	0.06
P13	LTE B42 Part96	QPSK20M	Right Cheek	43190	1	50	Ant 1	DSI 1	62.9	17.00	16.38	0.08	0.679	1.006	1.153	0.79
	LTE B42 Part96	QPSK20M	Right Tilted	43190	1	50	Ant 1	DSI 1	62.9	17.00	16.38	-0.17	0.146	1.006	1.153	0.17
	LTE B42 Part96	QPSK20M	Left Cheek	43190	1	50	Ant 1	DSI 1	62.9	17.00	16.38	-0.09	0.121	1.006	1.153	0.14
	LTE B42 Part96	QPSK20M	Left Tilted	43190	1	50	Ant 1	DSI 1	62.9	17.00	16.38	0.05	0.069	1.006	1.153	0.08
	LTE B42 Part96	QPSK20M	Right Cheek	43190	50	50	Ant 1	DSI 1	62.9	17.00	16.31	0.13	0.502	1.006	1.172	0.59
	LTE B42 Part96	QPSK20M	Right Tilted	43190	50	50	Ant 1	DSI 1	62.9	17.00	16.31	-0.08	0.121	1.006	1.172	0.14
	LTE B42 Part96	QPSK20M	Left Cheek	43190	50	50	Ant 1	DSI 1	62.9	17.00	16.31	-0.10	0.092	1.006	1.172	0.11
	LTE B42 Part96	QPSK20M	Left Tilted	43190	50	50	Ant 1	DSI 1	62.9	17.00	16.31	0.00	0.050	1.006	1.172	0.06
	LTE B42 Part96	QPSK20M	Right Cheek	43490	1	50	Ant 2	DSI 1	62.9	15.50	14.60	0.11	0.287	1.006	1.230	0.36
	LTE B42 Part96	QPSK20M	Right Tilted	43490	1	50	Ant 2	DSI 1	62.9	15.50	14.60	-0.11	0.388	1.006	1.230	0.48
	LTE B42 Part96	QPSK20M	Left Cheek	43490	1	50	Ant 2	DSI 1	62.9	15.50	14.60	0.10	0.155	1.006	1.230	0.19
	LTE B42 Part96	QPSK20M	Left Tilted	43490	1	50	Ant 2	DSI 1	62.9	15.50	14.60	-0.18	0.215	1.006	1.230	0.27
	LTE B42 Part96	QPSK20M	Right Cheek	43490	50	50	Ant 2	DSI 1	62.9	15.50	14.55	-0.10	0.239	1.006	1.245	0.30
	LTE B42 Part96	QPSK20M	Right Tilted	43490	50	50	Ant 2	DSI 1	62.9	15.50	14.55	0.16	0.295	1.006	1.245	0.37
	LTE B42 Part96	QPSK20M	Left Cheek	43490	50	50	Ant 2	DSI 1	62.9	15.50	14.55	0.02	0.102	1.006	1.245	0.13
	LTE B42 Part96	QPSK20M	Left Tilted	43490	50	50	Ant 2	DSI 1	62.9	15.50	14.55	0.05	0.158	1.006	1.245	0.20
	LTE B42 Part96	QPSK20M	Right Cheek	43190	1	50	Ant 3	DSI 1	62.9	20.00	18.83	-0.03	0.386	1.006	1.309	0.51
	LTE B42 Part96	QPSK20M	Right Tilted	43190	1	50	Ant 3	DSI 1	62.9	20.00	18.83	-0.05	0.074	1.006	1.309	0.10
	LTE B42 Part96	QPSK20M	Left Cheek	43190	1	50	Ant 3	DSI 1	62.9	20.00	18.83	-0.02	0.575	1.006	1.309	0.76
	LTE B42 Part96	QPSK20M	Left Tilted	43190	1	50	Ant 3	DSI 1	62.9	20.00	18.83	-0.12	0.146	1.006	1.309	0.19
	LTE B42 Part96	QPSK20M	Right Cheek	43190	50	25	Ant 3	DSI 1	62.9	20.00	18.82	-0.06	0.326	1.006	1.312	0.43
	LTE B42 Part96	QPSK20M	Right Tilted	43190	50	25	Ant 3	DSI 1	62.9	20.00	18.82	0.12	0.057	1.006	1.312	0.08
	LTE B42 Part96	QPSK20M	Left Cheek	43190	50	25	Ant 3	DSI 1	62.9	20.00	18.82	-0.02	0.461	1.006	1.312	0.61
	LTE B42 Part96	QPSK20M	Left Tilted	43190	50	25	Ant 3	DSI 1	62.9	20.00	18.82	-0.13	0.115	1.006	1.312	0.15
	LTE B42 Part96	QPSK20M	Right Cheek	43190	1	50	Ant 7	DSI 1	62.9	20.00	19.36	-0.04	0.258	1.006	1.159	0.30
	LTE B42 Part96	QPSK20M	Right Tilted	43190	1	50	Ant 7	DSI 1	62.9	20.00	19.36	0.07	0.052	1.006	1.159	0.06
	LTE B42 Part96	QPSK20M	Left Cheek	43190	1	50	Ant 7	DSI 1	62.9	20.00	19.36	-0.13	0.129	1.006	1.159	0.15
	LTE B42 Part96	QPSK20M	Left Tilted	43190	1	50	Ant 7	DSI 1	62.9	20.00	19.36	0.04	0.043	1.006	1.159	0.05
	LTE B42 Part96	QPSK20M	Right Cheek	43190	50	25	Ant 7	DSI 1	62.9	20.00	19.27	0.04	0.244	1.006	1.183	0.29
	LTE B42 Part96	QPSK20M	Right Tilted	43190	50	25	Ant 7	DSI 1	62.9	20.00	19.27	-0.16	0.044	1.006	1.183	0.05
	LTE B42 Part96	QPSK20M	Left Cheek	43190	50	25	Ant 7	DSI 1	62.9	20.00	19.27	0.01	0.105	1.006	1.183	0.13
	LTE B42 Part96	QPSK20M	Left Tilted	43190	50	25	Ant 7	DSI 1	62.9	20.00	19.27	0.01	0.030	1.006	1.183	0.04
	LTE B48	QPSK20M	Right Cheek	55340	1	0	Ant 1	DSI 1	62.9	18.00	17.28	0.02	0.843	1.006	1.180	1.00
	LTE B48	QPSK20M	Right Tilted	55340	1	0	Ant 1	DSI 1	62.9	18.00	17.28	0.18	0.217	1.006	1.180	0.26
	LTE B48	QPSK20M	Left Cheek	55340	1	0	Ant 1	DSI 1	62.9	18.00	17.28	-0.09	0.170	1.006	1.180	0.20
	LTE B48	QPSK20M	Left Tilted	55340	1	0	Ant 1	DSI 1	62.9	18.00	17.28	0.19	0.105	1.006	1.180	0.13
	LTE B48	QPSK20M	Right Cheek	55340	50	50	Ant 1	DSI 1	62.9	18.00	17.25	0.07	0.836	1.006	1.189	1.00
	LTE B48	QPSK20M	Right Tilted	55340	50	50	Ant 1	DSI 1	62.9	18.00	17.25	-0.01	0.199	1.006	1.189	0.24
	LTE B48	QPSK20M	Left Cheek	55340	50	50	Ant 1	DSI 1	62.9	18.00	17.25	0.03	0.134	1.006	1.189	0.16
	LTE B48	QPSK20M	Left Tilted	55340	50	50	Ant 1	DSI 1	62.9	18.00	17.25	0.18	0.090	1.006	1.189	0.11
	LTE B48	QPSK20M	Right Cheek	55830	1	0	Ant 1	DSI 1	62.9	18.00	17.21	-0.03	0.788	1.006	1.199	0.95
	LTE B48	QPSK20M	Right Cheek	56150	1	0	Ant 1	DSI 1	62.9	18.00	17.27	-0.09	0.760	1.006	1.183	0.91
	LTE B48	QPSK20M	Right Cheek	56640	1	0	Ant 1	DSI 1	62.9	18.00	17.21	-0.01	0.800	1.006	1.199	0.97
	LTE B48	QPSK20M	Right Cheek	55830	50	50	Ant 1	DSI 1	62.9	18.00	17.22	0.17	0.694	1.006	1.197	0.84
	LTE B48	QPSK20M	Right Cheek	56150	50	50	Ant 1	DSI 1	62.9	18.00	17.24	-0.17	0.679	1.006	1.191	0.81
	LTE B48	QPSK20M	Right Cheek	56640	50	50	Ant 1	DSI 1	62.9	18.00	17.19	0.11	0.699	1.006	1.205	0.85
	LTE B48	QPSK20M	Right Cheek	55340	100	0	Ant 1	DSI 1	62.9	18.00	17.27	0.09	0.824	1.006	1.183	0.98
	LTE B48	QPSK20M	Right Cheek	55340	1	50	Ant 2	DSI 1	62.9	18.50	17.45	-0.16	0.611	1.006	1.274	0.78
	LTE B48	QPSK20M	Right Tilted	55340	1	50	Ant 2	DSI 1	62.9	18.50	17.45	-0.07	0.824	1.006	1.274	1.06
	LTE B48	QPSK20M	Left Cheek	55340	1	50	Ant 2	DSI 1	62.9	18.50	17.45	0.13	0.272	1.006	1.274	0.35
	LTE B48	QPSK20M	Left Tilted	55340	1	50	Ant 2	DSI 1	62.9	18.50	17.45	0.19	0.415	1.006	1.274	0.53

Plot No.	Band	Mode	Test Position	Ch.	RB Size	RB offset	Antenna	Power State	Duty Cycle %	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Power Drift (dB)	Measured SAR-1g (W/kg)	Duty Cycle Scaling Factor	Tune-up Scaling Factor	Scaled SAR-1g (W/kg)
	LTE B48	QPSK20M	Right Cheek	55340	50	25	Ant 2	DSI 1	62.9	18.50	17.38	-0.01	0.534	1.006	1.294	0.70
	LTE B48	QPSK20M	Right Tilted	55340	50	25	Ant 2	DSI 1	62.9	18.50	17.38	-0.10	0.699	1.006	1.294	0.91
	LTE B48	QPSK20M	Left Cheek	55340	50	25	Ant 2	DSI 1	62.9	18.50	17.38	-0.07	0.213	1.006	1.294	0.28
	LTE B48	QPSK20M	Left Tilted	55340	50	25	Ant 2	DSI 1	62.9	18.50	17.38	-0.19	0.342	1.006	1.294	0.45
	LTE B48	QPSK20M	Right Tilted	55830	1	50	Ant 2	DSI 1	62.9	18.50	17.16	-0.10	0.782	1.006	1.361	1.07
P14	LTE B48	QPSK20M	Right Tilted	56150	1	50	Ant 2	DSI 1	62.9	18.50	17.34	-0.02	0.825	1.006	1.306	**1.08**
	LTE B48	QPSK20M	Right Tilted	56640	1	50	Ant 2	DSI 1	62.9	18.50	17.20	-0.04	0.788	1.006	1.349	1.07
	LTE B48	QPSK20M	Right Tilted	55830	50	25	Ant 2	DSI 1	62.9	18.50	17.12	-0.06	0.696	1.006	1.374	0.96
	LTE B48	QPSK20M	Right Tilted	56150	50	25	Ant 2	DSI 1	62.9	18.50	17.16	-0.03	0.785	1.006	1.361	1.08
	LTE B48	QPSK20M	Right Tilted	56640	50	25	Ant 2	DSI 1	62.9	18.50	17.25	0.09	0.744	1.006	1.334	1.00
	LTE B48	QPSK20M	Right Tilted	55340	100	0	Ant 2	DSI 1	62.9	18.50	17.41	0.07	0.699	1.006	1.285	0.90
	LTE B48	QPSK20M	Right Cheek	56640	1	50	Ant 3	DSI 1	62.9	19.00	18.92	0.11	0.825	1.006	1.019	**0.85**
	LTE B48	QPSK20M	Right Tilted	56640	1	50	Ant 3	DSI 1	62.9	19.00	18.92	-0.14	0.064	1.006	1.019	0.07
	LTE B48	QPSK20M	Left Cheek	56640	1	50	Ant 3	DSI 1	62.9	19.00	18.92	0.01	0.650	1.006	1.019	0.67
	LTE B48	QPSK20M	Left Tilted	56640	1	50	Ant 3	DSI 1	62.9	19.00	18.92	0.12	0.124	1.006	1.019	0.13
	LTE B48	QPSK20M	Right Cheek	56640	50	25	Ant 3	DSI 1	62.9	19.00	18.85	-0.17	0.589	1.006	1.035	0.61
	LTE B48	QPSK20M	Right Tilted	56640	50	25	Ant 3	DSI 1	62.9	19.00	18.85	-0.07	0.055	1.006	1.035	0.06
	LTE B48	QPSK20M	Left Cheek	56640	50	25	Ant 3	DSI 1	62.9	19.00	18.85	0.06	0.536	1.006	1.035	0.56
	LTE B48	QPSK20M	Left Tilted	56640	50	25	Ant 3	DSI 1	62.9	19.00	18.85	0.14	0.101	1.006	1.035	0.11
	LTE B48	QPSK20M	Right Cheek	55340	1	50	Ant 3	DSI 1	62.9	19.00	18.85	0.11	0.574	1.006	1.035	0.60
	LTE B48	QPSK20M	Right Cheek	55830	1	50	Ant 3	DSI 1	62.9	19.00	18.89	-0.03	0.623	1.006	1.026	0.64
	LTE B48	QPSK20M	Right Cheek	56150	1	50	Ant 3	DSI 1	62.9	19.00	18.89	0.13	0.638	1.006	1.026	0.66
	LTE B48	QPSK20M	Right Cheek	56640	100	0	Ant 3	DSI 1	62.9	19.00	18.88	-0.14	0.744	1.006	1.028	0.77
	LTE B48	QPSK20M	Right Cheek	55340	1	50	Ant 7	DSI 1	62.9	21.50	20.71	-0.08	0.440	1.006	1.199	**0.53**
	LTE B48	QPSK20M	Right Tilted	55340	1	50	Ant 7	DSI 1	62.9	21.50	20.71	0.19	0.063	1.006	1.199	0.08
	LTE B48	QPSK20M	Left Cheek	55340	1	50	Ant 7	DSI 1	62.9	21.50	20.71	-0.14	0.137	1.006	1.199	0.17
	LTE B48	QPSK20M	Left Tilted	55340	1	50	Ant 7	DSI 1	62.9	21.50	20.71	0.03	0.051	1.006	1.199	0.06
	LTE B48	QPSK20M	Right Cheek	55340	50	25	Ant 7	DSI 1	62.9	20.50	19.78	-0.01	0.299	1.006	1.180	0.36
	LTE B48	QPSK20M	Right Tilted	55340	50	25	Ant 7	DSI 1	62.9	20.50	19.78	0.14	0.053	1.006	1.180	0.06
	LTE B48	QPSK20M	Left Cheek	55340	50	25	Ant 7	DSI 1	62.9	20.50	19.78	-0.01	0.129	1.006	1.180	0.15
	LTE B48	QPSK20M	Left Tilted	55340	50	25	Ant 7	DSI 1	62.9	20.50	19.78	0.13	0.037	1.006	1.180	0.04
	LTE B66 / 4	QPSK20M	Right Cheek	132322	1	50	Ant 0	DSI 1	-	24.00	23.87	-0.10	0.102	1.000	1.030	0.11
	LTE B66 / 4	QPSK20M	Right Tilted	132322	1	50	Ant 0	DSI 1	-	24.00	23.87	0.10	0.000	1.000	1.030	0.00
	LTE B66 / 4	QPSK20M	Left Cheek	132322	1	50	Ant 0	DSI 1	-	24.00	23.87	-0.04	0.132	1.000	1.030	**0.14**
	LTE B66 / 4	QPSK20M	Left Tilted	132322	1	50	Ant 0	DSI 1	-	24.00	23.87	-0.06	0.042	1.000	1.030	0.04
	LTE B66 / 4	QPSK20M	Right Cheek	132322	50	25	Ant 0	DSI 1	-	23.00	22.81	0.16	0.083	1.000	1.045	0.09
	LTE B66 / 4	QPSK20M	Right Tilted	132322	50	25	Ant 0	DSI 1	-	23.00	22.81	-0.05	0.000	1.000	1.045	0.00
	LTE B66 / 4	QPSK20M	Left Cheek	132322	50	25	Ant 0	DSI 1	-	23.00	22.81	0.06	0.101	1.000	1.045	0.11
	LTE B66 / 4	QPSK20M	Left Tilted	132322	50	25	Ant 0	DSI 1	-	23.00	22.81	0.05	0.000	1.000	1.045	0.00
P15	LTE B66 / 4	QPSK20M	Right Cheek	132322	1	50	Ant 2	DSI 1	-	18.00	17.62	-0.01	0.836	1.000	1.091	**0.91**
	LTE B66 / 4	QPSK20M	Right Tilted	132322	1	50	Ant 2	DSI 1	-	18.00	17.62	0.10	0.727	1.000	1.091	0.79
	LTE B66 / 4	QPSK20M	Left Cheek	132322	1	50	Ant 2	DSI 1	-	18.00	17.62	0.11	0.454	1.000	1.091	0.50
	LTE B66 / 4	QPSK20M	Left Tilted	132322	1	50	Ant 2	DSI 1	-	18.00	17.62	-0.14	0.632	1.000	1.091	0.69
	LTE B66 / 4	QPSK20M	Right Cheek	132322	50	25	Ant 2	DSI 1	-	18.00	17.57	-0.02	0.697	1.000	1.104	0.77
	LTE B66 / 4	QPSK20M	Right Tilted	132322	50	25	Ant 2	DSI 1	-	18.00	17.57	-0.18	0.639	1.000	1.104	0.71
	LTE B66 / 4	QPSK20M	Left Cheek	132322	50	25	Ant 2	DSI 1	-	18.00	17.57	-0.09	0.360	1.000	1.104	0.40
	LTE B66 / 4	QPSK20M	Left Tilted	132322	50	25	Ant 2	DSI 1	-	18.00	17.57	0.09	0.497	1.000	1.104	0.55
	LTE B66 / 4	QPSK20M	Right Cheek	132072	1	50	Ant 2	DSI 1	-	18.00	17.52	0.11	0.814	1.000	1.117	0.91
	LTE B66 / 4	QPSK20M	Right Cheek	132572	1	50	Ant 2	DSI 1	-	18.00	17.57	-0.15	0.819	1.000	1.104	0.90
	LTE B66 / 4	QPSK20M	Right Cheek	132322	100	0	Ant 2	DSI 1	-	18.00	17.52	-0.12	0.812	1.000	1.117	0.91
	LTE B66	QPSK20M	Right Cheek	132322	1	50	Ant 3	DSI 1	-	16.50	15.99	-0.19	0.226	1.000	1.125	0.25
	LTE B66	QPSK20M	Right Tilted	132322	1	50	Ant 3	DSI 1	-	16.50	15.99	0.12	0.061	1.000	1.125	0.07
	LTE B66	QPSK20M	Left Cheek	132322	1	50	Ant 3	DSI 1	-	16.50	15.99	-0.18	0.494	1.000	1.125	0.56
	LTE B66	QPSK20M	Left Tilted	132322	1	50	Ant 3	DSI 1	-	16.50	15.99	-0.09	0.146	1.000	1.125	0.16
	LTE B66	QPSK20M	Right Cheek	132322	50	50	Ant 3	DSI 1	-	16.50	15.96	-0.13	0.204	1.000	1.132	0.23
	LTE B66	QPSK20M	Right Tilted	132322	50	50	Ant 3	DSI 1	-	16.50	15.96	0.10	0.054	1.000	1.132	0.06
	LTE B66	QPSK20M	Left Cheek	132322	50	50	Ant 3	DSI 1	-	16.50	15.96	-0.12	0.504	1.000	1.132	**0.57**
	LTE B66	QPSK20M	Left Tilted	132322	50	50	Ant 3	DSI 1	-	16.50	15.96	-0.16	0.119	1.000	1.132	0.14
	LTE B66	QPSK20M	Right Cheek	132322	1	50	Ant 4	DSI 1	-	17.50	16.59	0.10	0.732	1.000	1.233	**0.90**
	LTE B66	QPSK20M	Right Tilted	132322	1	50	Ant 4	DSI 1	-	17.50	16.59	-0.05	0.262	1.000	1.233	0.32
	LTE B66	QPSK20M	Left Cheek	132322	1	50	Ant 4	DSI 1	-	17.50	16.59	0.11	0.163	1.000	1.233	0.20
	LTE B66	QPSK20M	Left Tilted	132322	1	50	Ant 4	DSI 1	-	17.50	16.59	-0.10	0.124	1.000	1.233	0.15
	LTE B66	QPSK20M	Right Cheek	132322	50	25	Ant 4	DSI 1	-	17.50	16.56	0.06	0.632	1.000	1.242	0.79
	LTE B66	QPSK20M	Right Tilted	132322	50	25	Ant 4	DSI 1	-	17.50	16.56	-0.03	0.224	1.000	1.242	0.28
	LTE B66	QPSK20M	Left Cheek	132322	50	25	Ant 4	DSI 1	-	17.50	16.56	-0.08	0.137	1.000	1.242	0.17
	LTE B66	QPSK20M	Left Tilted	132322	50	25	Ant 4	DSI 1	-	17.50	16.56	-0.13	0.097	1.000	1.242	0.12
	LTE B66	QPSK20M	Right Cheek	132072	1	50	Ant 4	DSI 1	-	17.50	16.54	0.09	0.714	1.000	1.247	0.89
	LTE B66	QPSK20M	Right Cheek	132572	1	50	Ant 4	DSI 1	-	17.50	16.57	-0.10	0.722	1.000	1.239	0.89
	LTE B66	QPSK20M	Right Cheek	132322	100	0	Ant 4	DSI 1	-	17.50	16.55	0.12	0.703	1.000	1.245	0.88
	FR1 n2	DFT-QPSK40M	Right Cheek	376000	1	1	Ant 2	DSI 1	-	18.00	16.47	0.07	0.657	1.000	1.422	0.93
	FR1 n2	DFT-QPSK40M	Right Tilted	376000	1	1	Ant 2	DSI 1	-	18.00	16.47	0.10	0.670	1.000	1.422	0.95
	FR1 n2	DFT-QPSK40M	Left Cheek	376000	1	1	Ant 2	DSI 1	-	18.00	16.47	-0.04	0.388	1.000	1.422	0.55
	FR1 n2	DFT-QPSK40M	Left Tilted	376000	1	1	Ant 2	DSI 1	-	18.00	16.47	-0.16	0.280	1.000	1.422	0.40
	FR1 n2	DFT-QPSK40M	Right Cheek	376000	108	54	Ant 2	DSI 1	-	18.00	16.45	-0.12	0.683	1.000	1.429	0.98
	FR1 n2	DFT-QPSK40M	Right Tilted	376000	108	54	Ant 2	DSI 1	-	18.00	16.45	-0.08	0.660	1.000	1.429	0.94
	FR1 n2	DFT-QPSK40M	Left Cheek	376000	108	54	Ant 2	DSI 1	-	18.00	16.45	-0.05	0.384	1.000	1.429	0.55
	FR1 n2	DFT-QPSK40M	Left Tilted	376000	108	54	Ant 2	DSI 1	-	18.00	16.45	0.03	0.370	1.000	1.429	0.53
	FR1 n2	DFT-QPSK40M	Right Cheek	374000	1	1	Ant 2	DSI 1	-	18.00	16.44	0.00	0.680	1.000	1.432	0.97
	FR1 n2	DFT-QPSK40M	Right Cheek	378000	1	1	Ant 2	DSI 1	-	18.00	16.40	0.07	0.690	1.000	1.445	1.00
	FR1 n2	DFT-QPSK40M	Right Tilted	374000	1	1	Ant 2	DSI 1	-	18.00	16.44	0.14	0.663	1.000	1.432	0.95
	FR1 n2	DFT-QPSK40M	Right Tilted	378000	1	1	Ant 2	DSI 1	-	18.00	16.40	-0.14	0.648	1.000	1.445	0.94
P16	FR1 n2	DFT-QPSK40M	Right Cheek	374000	108	54	Ant 2	DSI 1	-	18.00	16.42	-0.05	0.698	1.000	1.439	**1.00**
	FR1 n2	DFT-QPSK40M	Right Cheek	378000	108	54	Ant 2	DSI 1	-	18.00	16.38	-0.11	0.681	1.000	1.452	0.99
	FR1 n2	DFT-QPSK40M	Right Tilted	374000	108	54	Ant 2	DSI 1	-	18.00	16.42	-0.08	0.656	1.000	1.439	0.94
	FR1 n2	DFT-QPSK40M	Right Tilted	378000	108	54	Ant 2	DSI 1	-	18.00	16.38	-0.11	0.649	1.000	1.452	0.94
	FR1 n2	DFT-QPSK40M	Right Cheek	378000	216	0	Ant 2	DSI 1	-	18.00	16.43	-0.16	0.687	1.000	1.435	0.99
	FR1 n2	DFT-QPSK40M	Right Tilted	374000	216	0	Ant 2	DSI 1	-	18.00	16.43	0.03	0.644	1.000	1.435	0.92
	FR1 n2	DFT-QPSK40M	Right Cheek	376000	1	1	Ant 3	DSI 1	-	17.50	16.64	0.19	0.345	1.000	1.219	0.42
	FR1 n2	DFT-QPSK40M	Right Tilted	376000	1	1	Ant 3	DSI 1	-	17.50	16.64	0.06	0.078	1.000	1.219	0.10
	FR1 n2	DFT-QPSK40M	Left Cheek	376000	1	1	Ant 3	DSI 1	-	17.50	16.64	0.04	0.610	1.000	1.219	**0.74**
	FR1 n2	DFT-QPSK40M	Left Tilted	376000	1	1	Ant 3	DSI 1	-	17.50	16.64	0.01	0.135	1.000	1.219	0.17
	FR1 n2	DFT-QPSK40M	Right Cheek	376000	108	54	Ant 3	DSI 1	-	17.50	16.61	0.12	0.300	1.000	1.227	0.37
	FR1 n2	DFT-QPSK40M	Right Tilted	376000	108	54	Ant 3	DSI 1	-	17.50	16.61	-0.04	0.069	1.000	1.227	0.09

Plot No.	Band	Mode	Test Position	Ch.	RB Size	RB offset	Antenna	Power State	Duty Cycle %	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Power Drift (dB)	Measured SAR-1g (W/kg)	Duty Cycle Scaling Factor	Tune-up Scaling Factor	Scaled SAR-1g (W/kg)
	FR1 n2	DFT-QPSK40M	Left Cheek	376000	108	54	Ant 3	DSI 1	-	17.50	16.61	-0.14	0.520	1.000	1.227	0.64
	FR1 n2	DFT-QPSK40M	Left Tilted	376000	108	54	Ant 3	DSI 1	-	17.50	16.61	0.08	0.128	1.000	1.227	0.16
	FR1 n5	DFT-QPSK25M	Right Cheek	167300	1	1	Ant 0	DSI 1	-	25.50	25.22	-0.01	0.477	1.000	1.067	**0.51**
	FR1 n5	DFT-QPSK25M	Right Tilted	167300	1	1	Ant 0	DSI 1	-	25.50	25.22	0.02	0.214	1.000	1.067	0.23
	FR1 n5	DFT-QPSK25M	Left Cheek	167300	1	1	Ant 0	DSI 1	-	25.50	25.22	-0.16	0.282	1.000	1.067	0.30
	FR1 n5	DFT-QPSK25M	Left Tilted	167300	1	1	Ant 0	DSI 1	-	25.50	25.22	0.14	0.169	1.000	1.067	0.18
	FR1 n5	DFT-QPSK25M	Right Cheek	167300	64	35	Ant 0	DSI 1	-	25.50	25.07	-0.08	0.327	1.000	1.104	0.36
	FR1 n5	DFT-QPSK25M	Right Tilted	167300	64	35	Ant 0	DSI 1	-	25.50	25.07	-0.04	0.181	1.000	1.104	0.20
	FR1 n5	DFT-QPSK25M	Left Cheek	167300	64	35	Ant 0	DSI 1	-	25.50	25.07	0.08	0.224	1.000	1.104	0.25
	FR1 n5	DFT-QPSK25M	Left Tilted	167300	64	35	Ant 0	DSI 1	-	25.50	25.07	-0.08	0.139	1.000	1.104	0.15
	FR1 n5	DFT-QPSK25M	Right Cheek	167300	1	1	Ant 1	DSI 1	-	20.00	19.30	-0.17	0.571	1.000	1.175	0.67
	FR1 n5	DFT-QPSK25M	Right Tilted	167300	1	1	Ant 1	DSI 1	-	20.00	19.30	0.08	0.113	1.000	1.175	0.13
P17	FR1 n5	DFT-QPSK25M	Left Cheek	167300	1	1	Ant 1	DSI 1	-	20.00	19.30	0.00	0.592	1.000	1.175	**0.70**
	FR1 n5	DFT-QPSK25M	Left Tilted	167300	1	1	Ant 1	DSI 1	-	20.00	19.30	0.19	0.105	1.000	1.175	0.12
	FR1 n5	DFT-QPSK25M	Right Cheek	167300	64	35	Ant 1	DSI 1	-	20.00	19.08	0.12	0.480	1.000	1.236	0.59
	FR1 n5	DFT-QPSK25M	Right Tilted	167300	64	35	Ant 1	DSI 1	-	20.00	19.08	-0.14	0.089	1.000	1.236	0.11
	FR1 n5	DFT-QPSK25M	Left Cheek	167300	64	35	Ant 1	DSI 1	-	20.00	19.08	0.19	0.470	1.000	1.236	0.58
	FR1 n5	DFT-QPSK25M	Left Tilted	167300	64	35	Ant 1	DSI 1	-	20.00	19.08	0.00	0.082	1.000	1.236	0.10
	DSDAFR1 n5	DFT-QPSK25M	Right Cheek	167300	1	1	Ant 1	DSI 1	-	18.50	17.80	0.13	0.302	1.000	1.175	0.36
	DSDAFR1 n5	DFT-QPSK25M	Left Cheek	167300	1	1	Ant 1	DSI 1	-	18.50	17.80	-0.03	0.321	1.000	1.175	0.38
	FR1 n7	DFT-QPSK50M	Right Cheek	507000	1	1	Ant 0	DSI 1	-	25.00	23.91	0.05	0.077	1.000	1.285	0.10
	FR1 n7	DFT-QPSK50M	Right Tilted	507000	1	1	Ant 0	DSI 1	-	25.00	23.91	-0.04	0.051	1.000	1.285	0.07
	FR1 n7	DFT-QPSK50M	Left Cheek	507000	1	1	Ant 0	DSI 1	-	25.00	23.91	-0.13	0.103	1.000	1.285	0.13
	FR1 n7	DFT-QPSK50M	Left Tilted	507000	1	1	Ant 0	DSI 1	-	25.00	23.91	-0.17	0.000	1.000	1.285	0.00
	FR1 n7	DFT-QPSK50M	Right Cheek	507000	135	68	Ant 0	DSI 1	-	25.00	23.50	0.15	0.080	1.000	1.413	0.11
	FR1 n7	DFT-QPSK50M	Right Tilted	507000	135	68	Ant 0	DSI 1	-	25.00	23.50	-0.18	0.067	1.000	1.413	0.10
	FR1 n7	DFT-QPSK50M	Left Cheek	507000	135	68	Ant 0	DSI 1	-	25.00	23.50	-0.15	0.097	1.000	1.413	**0.14**
	FR1 n7	DFT-QPSK50M	Left Tilted	507000	135	68	Ant 0	DSI 1	-	25.00	23.50	0.08	0.052	1.000	1.413	0.07
	FR1 n7(Other Pa)	DFT-QPSK50M	Left Cheek	507000	135	68	Ant 0	DSI 1	-	25.00	23.47	-0.04	0.075	1.000	1.422	0.11
	FR1 n7	DFT-QPSK50M	Right Cheek	505000	1	1	Ant 2	DSI 1	-	16.50	16.18	-0.13	0.706	1.000	1.076	0.76
	FR1 n7	DFT-QPSK50M	Right Tilted	505000	1	1	Ant 2	DSI 1	-	16.50	16.18	-0.06	0.844	1.000	1.076	0.91
	FR1 n7	DFT-QPSK50M	Left Cheek	505000	1	1	Ant 2	DSI 1	-	16.50	16.18	-0.07	0.360	1.000	1.076	0.39
	FR1 n7	DFT-QPSK50M	Left Tilted	505000	1	1	Ant 2	DSI 1	-	16.50	16.18	-0.12	0.538	1.000	1.076	0.58
	FR1 n7	DFT-QPSK50M	Right Cheek	505000	135	68	Ant 2	DSI 1	-	16.50	16.11	0.04	0.763	1.000	1.094	0.84
	FR1 n7	DFT-QPSK50M	Right Tilted	505000	135	68	Ant 2	DSI 1	-	16.50	16.11	-0.02	0.840	1.000	1.094	0.92
	FR1 n7	DFT-QPSK50M	Left Cheek	505000	135	68	Ant 2	DSI 1	-	16.50	16.11	-0.09	0.379	1.000	1.094	0.42
	FR1 n7	DFT-QPSK50M	Left Tilted	505000	135	68	Ant 2	DSI 1	-	16.50	16.11	0.03	0.526	1.000	1.094	0.58
	FR1 n7	DFT-QPSK50M	Right Tilted	507000	1	1	Ant 2	DSI 1	-	16.50	16.11	0.09	0.839	1.000	1.094	0.92
P18	FR1 n7	DFT-QPSK50M	Right Tilted	509000	1	1	Ant 2	DSI 1	-	16.50	16.15	-0.01	0.962	1.000	1.084	**1.04**
	FR1 n7	DFT-QPSK50M	Right Cheek	507000	135	68	Ant 2	DSI 1	-	16.50	16.03	0.06	0.765	1.000	1.114	0.85
	FR1 n7	DFT-QPSK50M	Right Cheek	509000	135	68	Ant 2	DSI 1	-	16.50	15.99	0.08	0.735	1.000	1.125	0.83
	FR1 n7	DFT-QPSK50M	Right Tilted	507000	135	68	Ant 2	DSI 1	-	16.50	16.03	-0.07	0.792	1.000	1.114	0.88
	FR1 n7	DFT-QPSK50M	Right Tilted	509000	135	68	Ant 2	DSI 1	-	16.50	15.99	0.06	0.742	1.000	1.125	0.83
	FR1 n7	DFT-QPSK50M	Right Cheek	505000	270	0	Ant 2	DSI 1	-	16.50	15.89	0.08	0.738	1.000	1.151	0.85
	FR1 n7	DFT-QPSK50M	Right Tilted	505000	270	0	Ant 2	DSI 1	-	16.50	15.89	0.03	0.712	1.000	1.151	0.82
	FR1 n7(Other Pa)	DFT-QPSK50M	Right Tilted	509000	1	1	Ant 2	DSI 1	-	16.50	16.02	-0.13	0.923	1.000	1.117	1.03
	DSDAFR1 n7	DFT-QPSK50M	Right Cheek	507000	135	68	Ant 2	DSI 1	-	13.50	13.07	0.12	0.382	1.000	1.104	0.42
	DSDAFR1 n7	DFT-QPSK50M	Right Tilted	509000	1	1	Ant 2	DSI 1	-	13.50	13.13	0.08	0.493	1.000	1.089	0.54
	DSDAFR1 n7	DFT-QPSK50M	Left Tilted	505000	1	1	Ant 2	DSI 1	-	13.50	13.19	0.08	0.244	1.000	1.074	0.26
	FR1 n7	DFT-QPSK50M	Right Cheek	507000	1	1	Ant 3	DSI 1	-	20.50	19.93	0.16	0.428	1.000	1.140	0.49
	FR1 n7	DFT-QPSK50M	Right Tilted	507000	1	1	Ant 3	DSI 1	-	20.50	19.93	0.11	0.105	1.000	1.140	0.12
	FR1 n7	DFT-QPSK50M	Left Cheek	507000	1	1	Ant 3	DSI 1	-	20.50	19.93	-0.13	0.624	1.000	1.140	**0.71**
	FR1 n7	DFT-QPSK50M	Left Tilted	507000	1	1	Ant 3	DSI 1	-	20.50	19.93	0.09	0.208	1.000	1.140	0.24
	FR1 n7	DFT-QPSK50M	Right Cheek	507000	135	68	Ant 3	DSI 1	-	20.50	19.95	0.14	0.534	1.000	1.135	0.61
	FR1 n7	DFT-QPSK50M	Right Tilted	507000	135	68	Ant 3	DSI 1	-	20.50	19.95	0.18	0.093	1.000	1.135	0.11
	FR1 n7	DFT-QPSK50M	Left Cheek	507000	135	68	Ant 3	DSI 1	-	20.50	19.95	-0.04	0.589	1.000	1.135	0.67
	FR1 n7	DFT-QPSK50M	Left Tilted	507000	135	68	Ant 3	DSI 1	-	20.50	19.95	0.10	0.166	1.000	1.135	0.19
	FR1 n7(Other Pa)	DFT-QPSK50M	Left Cheek	507000	1	1	Ant 3	DSI 1	-	20.50	19.84	-0.04	0.597	1.000	1.164	0.70
	DSDAFR1 n7	DFT-QPSK50M	Right Cheek	507000	135	68	Ant 3	DSI 1	-	19.00	18.39	-0.18	0.364	1.000	1.151	0.42
	DSDAFR1 n7	DFT-QPSK50M	Left Cheek	507000	1	1	Ant 3	DSI 1	-	19.00	18.47	0.10	0.407	1.000	1.130	0.46
	FR1 n7	DFT-QPSK50M	Right Cheek	507000	1	1	Ant 4	DSI 1	-	16.50	15.15	0.00	0.602	1.000	1.365	**0.82**
	FR1 n7	DFT-QPSK50M	Right Tilted	507000	1	1	Ant 4	DSI 1	-	16.50	15.15	0.14	0.262	1.000	1.365	0.36
	FR1 n7	DFT-QPSK50M	Left Cheek	507000	1	1	Ant 4	DSI 1	-	16.50	15.15	-0.13	0.227	1.000	1.365	0.31
	FR1 n7	DFT-QPSK50M	Left Tilted	507000	1	1	Ant 4	DSI 1	-	16.50	15.15	0.18	0.111	1.000	1.365	0.15
	FR1 n7	DFT-QPSK50M	Right Cheek	507000	135	68	Ant 4	DSI 1	-	16.50	15.06	0.09	0.560	1.000	1.393	0.78
	FR1 n7	DFT-QPSK50M	Right Tilted	507000	135	68	Ant 4	DSI 1	-	16.50	15.06	-0.15	0.214	1.000	1.393	0.30
	FR1 n7	DFT-QPSK50M	Left Cheek	507000	135	68	Ant 4	DSI 1	-	16.50	15.06	0.04	0.226	1.000	1.393	0.32
	FR1 n7	DFT-QPSK50M	Left Tilted	507000	135	68	Ant 4	DSI 1	-	16.50	15.06	0.16	0.089	1.000	1.393	0.12
	FR1 n7	DFT-QPSK50M	Right Cheek	505000	1	1	Ant 4	DSI 1	-	16.50	15.07	-0.18	0.518	1.000	1.390	0.72
	FR1 n7	DFT-QPSK50M	Right Cheek	509000	1	1	Ant 4	DSI 1	-	16.50	15.08	-0.18	0.575	1.000	1.387	0.80
	FR1 n7	DFT-QPSK50M	Right Cheek	507000	270	0	Ant 4	DSI 1	-	16.50	14.86	0.07	0.560	1.000	1.459	0.82
	FR1 n7(Other Pa)	DFT-QPSK50M	Right Cheek	507000	1	1	Ant 4	DSI 1	-	15.50	14.18	-0.15	0.583	1.000	1.355	0.79
	EN-DC&DSDAFR1 n7	DFT-QPSK50M	Right Cheek	507000	1	1	Ant 4	DSI 1	-	15.00	13.73	-0.09	0.409	1.000	1.340	0.55
	FR1 n38	DFT-QPSK40M	Right Cheek	519000	1	1	Ant 3	DSI 1	100	21.00	20.13	0.14	0.435	1.000	1.222	0.53
	FR1 n38	DFT-QPSK40M	Right Tilted	519000	1	1	Ant 3	DSI 1	100	21.00	20.13	0.10	0.074	1.000	1.222	0.09
	FR1 n38	DFT-QPSK40M	Left Cheek	519000	1	1	Ant 3	DSI 1	100	21.00	20.13	-0.11	0.580	1.000	1.222	0.71
	FR1 n38	DFT-QPSK40M	Left Tilted	519000	1	1	Ant 3	DSI 1	100	21.00	20.13	0.02	0.110	1.000	1.222	0.13
	FR1 n38	DFT-QPSK40M	Right Cheek	519000	50	28	Ant 3	DSI 1	100	21.00	20.10	0.01	0.436	1.000	1.230	0.54
	FR1 n38	DFT-QPSK40M	Right Tilted	519000	50	28	Ant 3	DSI 1	100	21.00	20.10	0.14	0.068	1.000	1.230	0.08
P19	FR1 n38	DFT-QPSK40M	Left Cheek	519000	50	28	Ant 3	DSI 1	100	21.00	20.10	0.03	0.582	1.000	1.230	**0.72**
	FR1 n38	DFT-QPSK40M	Left Tilted	519000	50	28	Ant 3	DSI 1	100	21.00	20.10	0.07	0.118	1.000	1.230	0.15
	FR1 n38(Other PA)	DFT-QPSK40M	Left Cheek	519000	50	28	Ant 3	DSI 1	100	21.00	20.05	0.11	0.533	1.000	1.245	0.66
	FR1 n41 / 38(Other PA)	DFT-QPSK100M	Right Cheek	509202	1	1	Ant 0	DSI 1	100	25.50	24.27	0.06	0.047	1.000	1.327	0.06
	FR1 n41 / 38(Other PA)	DFT-QPSK100M	Right Tilted	509202	1	1	Ant 0	DSI 1	100	25.50	24.27	-0.01	0.000	1.000	1.327	0.00
	FR1 n41 / 38(Other PA)	DFT-QPSK100M	Left Cheek	509202	1	1	Ant 0	DSI 1	100	25.50	24.27	0.15	0.070	1.000	1.327	0.09
	FR1 n41 / 38(Other PA)	DFT-QPSK100M	Left Tilted	509202	1	1	Ant 0	DSI 1	100	25.50	24.27	0.06	0.000	1.000	1.327	0.00
	FR1 n41 / 38(Other PA)	DFT-QPSK100M	Right Cheek	509202	135	69	Ant 0	DSI 1	100	25.50	23.99	0.17	0.052	1.000	1.416	0.07
	FR1 n41 / 38(Other PA)	DFT-QPSK100M	Right Tilted	509202	135	69	Ant 0	DSI 1	100	25.50	23.99	0.07	0.011	1.000	1.416	0.02
	FR1 n41 / 38(Other PA)	DFT-QPSK100M	Left Cheek	509202	135	69	Ant 0	DSI 1	100	25.50	23.99	0.06	0.082	1.000	1.416	**0.12**
	FR1 n41 / 38(Other PA)	DFT-QPSK100M	Left Tilted	509202	135	69	Ant 0	DSI 1	100	25.50	23.99	0.15	0.046	1.000	1.416	0.07
	FR1 n41 / 38	DFT-QPSK100M	Left Cheek	509202	135	69	Ant 0	DSI 1	100	25.00	23.92	0.03	0.066	1.000	1.282	0.09

Plot No.	Band	Mode	Test Position	Ch.	RB Size	RB offset	Antenna	Power State	Duty Cycle %	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Power Drift (dB)	Measured SAR-1g (W/kg)	Duty Cycle Scaling Factor	Tune-up Scaling Factor	Scaled SAR-1g (W/kg)
	FR1 n41 / 38	DFT-QPSK100M	Right Cheek	509202	1	1	Ant 2	DSI 1	100	20.50	20.22	0.00	0.713	1.000	1.067	0.76
	FR1 n41 / 38	DFT-QPSK100M	Right Tilted	509202	1	1	Ant 2	DSI 1	100	20.50	20.22	0.04	0.889	1.000	1.067	**0.95**
	FR1 n41 / 38	DFT-QPSK100M	Left Cheek	509202	1	1	Ant 2	DSI 1	100	20.50	20.22	-0.17	0.348	1.000	1.067	0.37
	FR1 n41 / 38	DFT-QPSK100M	Left Tilted	509202	1	1	Ant 2	DSI 1	100	20.50	20.22	-0.01	0.466	1.000	1.067	0.50
	FR1 n41 / 38	DFT-QPSK100M	Right Cheek	509202	135	69	Ant 2	DSI 1	100	20.50	20.16	0.07	0.682	1.000	1.081	0.74
	FR1 n41 / 38	DFT-QPSK100M	Right Tilted	509202	135	69	Ant 2	DSI 1	100	20.50	20.16	0.08	0.792	1.000	1.081	0.86
	FR1 n41 / 38	DFT-QPSK100M	Left Cheek	509202	135	69	Ant 2	DSI 1	100	20.50	20.16	-0.15	0.313	1.000	1.081	0.34
	FR1 n41 / 38	DFT-QPSK100M	Left Tilted	509202	135	69	Ant 2	DSI 1	100	20.50	20.16	-0.13	0.440	1.000	1.081	0.48
	FR1 n41 / 38	DFT-QPSK100M	Right Tilted	518598	1	1	Ant 2	DSI 1	100	20.50	20.13	-0.15	0.444	1.000	1.089	0.48
	FR1 n41 / 38	DFT-QPSK100M	Right Tilted	528000	1	1	Ant 2	DSI 1	100	20.50	20.19	0.00	0.752	1.000	1.074	0.81
	FR1 n41 / 38	DFT-QPSK100M	Right Tilted	518598	135	69	Ant 2	DSI 1	100	20.50	20.03	-0.04	0.744	1.000	1.114	0.83
	FR1 n41 / 38	DFT-QPSK100M	Right Tilted	528000	135	69	Ant 2	DSI 1	100	20.50	20.13	0.13	0.673	1.000	1.089	0.73
	FR1 n41 / 38	DFT-QPSK100M	Right Tilted	509202	270	0	Ant 2	DSI 1	100	20.50	20.14	-0.19	0.819	1.000	1.086	0.89
	FR1 n41 / 38(Other PA)	DFT-QPSK100M	Right Tilted	509202	1	1	Ant 2	DSI 1	100	20.50	20.16	0.14	0.835	1.000	1.081	0.90
	DSDAFR1 n41	DFT-QPSK100M	Right Cheek	509202	1	1	Ant 2	DSI 1	100	18.00	17.75	-0.10	0.455	1.000	1.059	0.48
	DSDAFR1 n41	DFT-QPSK100M	Right Tilted	509202	1	1	Ant 2	DSI 1	100	18.00	17.75	0.09	0.503	1.000	1.059	0.53
	FR1 n41	DFT-QPSK100M	Right Cheek	518598	1	1	Ant 3	DSI 1	100	20.50	20.09	0.17	0.339	1.000	1.099	0.37
	FR1 n41	DFT-QPSK100M	Right Tilted	518598	1	1	Ant 3	DSI 1	100	20.50	20.09	-0.05	0.055	1.000	1.099	0.06
	FR1 n41	DFT-QPSK100M	Left Cheek	518598	1	1	Ant 3	DSI 1	100	20.50	20.09	0.08	0.425	1.000	1.099	0.47
	FR1 n41	DFT-QPSK100M	Left Tilted	518598	1	1	Ant 3	DSI 1	100	20.50	20.09	0.07	0.110	1.000	1.099	0.12
	FR1 n41	DFT-QPSK100M	Right Cheek	518598	135	69	Ant 3	DSI 1	100	20.50	19.95	0.18	0.482	1.000	1.135	**0.55**
	FR1 n41	DFT-QPSK100M	Right Tilted	518598	135	69	Ant 3	DSI 1	100	20.50	19.95	0.07	0.040	1.000	1.135	0.05
	FR1 n41	DFT-QPSK100M	Left Cheek	518598	135	69	Ant 3	DSI 1	100	20.50	19.95	0.18	0.389	1.000	1.135	0.44
	FR1 n41	DFT-QPSK100M	Left Tilted	518598	135	69	Ant 3	DSI 1	100	20.50	19.95	-0.08	0.067	1.000	1.135	0.08
	FR1 n41(Other PA)	DFT-QPSK100M	Right Cheek	518598	135	69	Ant 3	DSI 1	100	20.50	19.89	0.04	0.424	1.000	1.151	0.49
	FR1 n41 / 38	DFT-QPSK100M	Right Cheek	509202	1	1	Ant 4	DSI 1	100	17.50	16.71	0.00	0.633	1.000	1.199	0.76
	FR1 n41 / 38	DFT-QPSK100M	Right Tilted	509202	1	1	Ant 4	DSI 1	100	17.50	16.71	0.07	0.257	1.000	1.199	0.31
	FR1 n41 / 38	DFT-QPSK100M	Left Cheek	509202	1	1	Ant 4	DSI 1	100	17.50	16.71	0.00	0.231	1.000	1.199	0.28
	FR1 n41 / 38	DFT-QPSK100M	Left Tilted	509202	1	1	Ant 4	DSI 1	100	17.50	16.71	0.12	0.112	1.000	1.199	0.13
P20	FR1 n41 / 38	DFT-QPSK100M	Right Cheek	509202	135	69	Ant 4	DSI 1	100	17.50	16.58	0.01	0.820	1.000	1.236	**1.01**
	FR1 n41 / 38	DFT-QPSK100M	Right Tilted	509202	135	69	Ant 4	DSI 1	100	17.50	16.58	0.00	0.365	1.000	1.236	0.45
	FR1 n41 / 38	DFT-QPSK100M	Left Cheek	509202	135	69	Ant 4	DSI 1	100	17.50	16.58	-0.16	0.298	1.000	1.236	0.37
	FR1 n41 / 38	DFT-QPSK100M	Left Tilted	509202	135	69	Ant 4	DSI 1	100	17.50	16.58	-0.05	0.147	1.000	1.236	0.18
	FR1 n41 / 38	DFT-QPSK100M	Right Cheek	518598	135	69	Ant 4	DSI 1	100	17.50	16.50	-0.02	0.787	1.000	1.259	0.99
	FR1 n41 / 38	DFT-QPSK100M	Right Cheek	528000	135	69	Ant 4	DSI 1	100	17.50	16.52	-0.14	0.763	1.000	1.253	0.96
	FR1 n41 / 38	DFT-QPSK100M	Right Cheek	509202	270	0	Ant 4	DSI 1	100	17.50	16.65	-0.03	0.806	1.000	1.216	0.98
	FR1 n41 / 38(Other PA)	DFT-QPSK100M	Right Cheek	509202	135	69	Ant 4	DSI 1	100	17.50	16.54	0.06	0.769	1.000	1.247	0.96
	DSDAFR1 n41	DFT-QPSK100M	Right Cheek	509202	135	69	Ant 4	DSI 1	100	14.50	13.63	-0.11	0.392	1.000	1.222	0.48
	FR1 n48	DFT-QPSK40M	Right Cheek	638000	1	1	Ant 1	DSI 1	100	16.50	15.07	-0.18	0.546	1.000	1.390	0.76
	FR1 n48	DFT-QPSK40M	Right Tilted	638000	1	1	Ant 1	DSI 1	100	16.50	15.07	-0.15	0.194	1.000	1.390	0.27
	FR1 n48	DFT-QPSK40M	Left Cheek	638000	1	1	Ant 1	DSI 1	100	16.50	15.07	0.07	0.178	1.000	1.390	0.25
	FR1 n48	DFT-QPSK40M	Left Tilted	638000	1	1	Ant 1	DSI 1	100	16.50	15.07	0.18	0.100	1.000	1.390	0.14
	FR1 n48	DFT-QPSK40M	Right Cheek	638000	50	28	Ant 1	DSI 1	100	16.50	14.98	0.03	0.627	1.000	1.419	0.89
	FR1 n48	DFT-QPSK40M	Right Tilted	638000	50	28	Ant 1	DSI 1	100	16.50	14.98	-0.11	0.198	1.000	1.419	0.28
	FR1 n48	DFT-QPSK40M	Left Cheek	638000	50	28	Ant 1	DSI 1	100	16.50	14.98	0.16	0.196	1.000	1.419	0.28
	FR1 n48	DFT-QPSK40M	Left Tilted	638000	50	28	Ant 1	DSI 1	100	16.50	14.98	-0.13	0.090	1.000	1.419	0.13
	FR1 n48	DFT-QPSK40M	Right Cheek	641666	50	28	Ant 1	DSI 1	100	16.50	14.82	-0.04	0.694	1.000	1.472	1.02
P21	FR1 n48	DFT-QPSK40M	Right Cheek	645332	50	28	Ant 1	DSI 1	100	16.50	14.97	0.04	0.764	1.000	1.422	**1.09**
	FR1 n48	DFT-QPSK40M	Right Cheek	638000	100	0	Ant 1	DSI 1	100	16.50	14.60	-0.13	0.701	1.000	1.549	1.09
	FR1 n48	DFT-QPSK40M	Right Cheek	638000	1	1	Ant 2	DSI 1	100	17.00	15.88	-0.09	0.585	1.000	1.294	0.76
	FR1 n48	DFT-QPSK40M	Right Tilted	638000	1	1	Ant 2	DSI 1	100	17.00	15.88	0.03	0.753	1.000	1.294	**0.98**
	FR1 n48	DFT-QPSK40M	Left Cheek	638000	1	1	Ant 2	DSI 1	100	17.00	15.88	-0.10	0.259	1.000	1.294	0.34
	FR1 n48	DFT-QPSK40M	Left Tilted	638000	1	1	Ant 2	DSI 1	100	17.00	15.88	-0.14	0.376	1.000	1.294	0.49
	FR1 n48	DFT-QPSK40M	Right Cheek	638000	50	28	Ant 2	DSI 1	100	17.00	15.85	-0.17	0.488	1.000	1.303	0.64
	FR1 n48	DFT-QPSK40M	Right Tilted	638000	50	28	Ant 2	DSI 1	100	17.00	15.85	-0.04	0.623	1.000	1.303	0.81
	FR1 n48	DFT-QPSK40M	Left Cheek	638000	50	28	Ant 2	DSI 1	100	17.00	15.85	0.17	0.269	1.000	1.303	0.35
	FR1 n48	DFT-QPSK40M	Left Tilted	638000	50	28	Ant 2	DSI 1	100	17.00	15.85	-0.10	0.406	1.000	1.303	0.53
	FR1 n48	DFT-QPSK40M	Right Tilted	641666	1	1	Ant 2	DSI 1	100	17.00	15.58	-0.15	0.553	1.000	1.387	0.77
	FR1 n48	DFT-QPSK40M	Right Tilted	645332	1	1	Ant 2	DSI 1	100	17.00	15.78	-0.09	0.410	1.000	1.324	0.54
	FR1 n48	DFT-QPSK40M	Right Tilted	641666	50	28	Ant 2	DSI 1	100	17.00	15.55	-0.12	0.578	1.000	1.396	0.81
	FR1 n48	DFT-QPSK40M	Right Tilted	645332	50	28	Ant 2	DSI 1	100	17.00	15.75	-0.08	0.476	1.000	1.334	0.64
	FR1 n48	DFT-QPSK40M	Right Tilted	638000	100	0	Ant 2	DSI 1	100	17.00	15.82	0.09	0.716	1.000	1.312	0.94
	FR1 n48	DFT-QPSK40M	Right Cheek	638000	1	1	Ant 3	DSI 1	100	17.00	15.98	-0.04	0.524	1.000	1.265	**0.66**
	FR1 n48	DFT-QPSK40M	Right Tilted	638000	1	1	Ant 3	DSI 1	100	17.00	15.98	-0.10	0.045	1.000	1.265	0.06
	FR1 n48	DFT-QPSK40M	Left Cheek	638000	1	1	Ant 3	DSI 1	100	17.00	15.98	0.04	0.292	1.000	1.265	0.37
	FR1 n48	DFT-QPSK40M	Left Tilted	638000	1	1	Ant 3	DSI 1	100	17.00	15.98	-0.03	0.082	1.000	1.265	0.10
	FR1 n48	DFT-QPSK40M	Right Cheek	638000	50	28	Ant 3	DSI 1	100	17.00	15.95	-0.14	0.510	1.000	1.274	0.65
	FR1 n48	DFT-QPSK40M	Right Tilted	638000	50	28	Ant 3	DSI 1	100	17.00	15.95	-0.02	0.045	1.000	1.274	0.06
	FR1 n48	DFT-QPSK40M	Left Cheek	638000	50	28	Ant 3	DSI 1	100	17.00	15.95	-0.11	0.333	1.000	1.274	0.42
	FR1 n48	DFT-QPSK40M	Left Tilted	638000	50	28	Ant 3	DSI 1	100	17.00	15.95	0.03	0.094	1.000	1.274	0.12
	FR1 n48	DFT-QPSK40M	Right Cheek	641666	1	1	Ant 7	DSI 1	100	23.00	22.49	0.13	0.337	1.000	1.125	**0.38**
	FR1 n48	DFT-QPSK40M	Right Tilted	641666	1	1	Ant 7	DSI 1	100	23.00	22.49	-0.01	0.059	1.000	1.125	0.07
	FR1 n48	DFT-QPSK40M	Left Cheek	641666	1	1	Ant 7	DSI 1	100	23.00	22.49	0.13	0.177	1.000	1.125	0.20
	FR1 n48	DFT-QPSK40M	Left Tilted	641666	1	1	Ant 7	DSI 1	100	23.00	22.49	0.17	0.041	1.000	1.125	0.05
	FR1 n48	DFT-QPSK40M	Right Cheek	641666	50	28	Ant 7	DSI 1	100	23.00	22.45	-0.13	0.287	1.000	1.135	0.33
	FR1 n48	DFT-QPSK40M	Right Tilted	641666	50	28	Ant 7	DSI 1	100	23.00	22.45	-0.05	0.059	1.000	1.135	0.07
	FR1 n48	DFT-QPSK40M	Left Cheek	641666	50	28	Ant 7	DSI 1	100	23.00	22.45	0.17	0.149	1.000	1.135	0.17
	FR1 n48	DFT-QPSK40M	Left Tilted	641666	50	28	Ant 7	DSI 1	100	23.00	22.45	0.10	0.043	1.000	1.135	0.05
	FR1 n66	DFT-QPSK45M	Right Cheek	351500	1	1	Ant 0	DSI 1	-	24.00	23.25	-0.11	0.095	1.000	1.189	0.11
	FR1 n66	DFT-QPSK45M	Right Tilted	351500	1	1	Ant 0	DSI 1	-	24.00	23.25	0.11	0.046	1.000	1.189	0.06
	FR1 n66	DFT-QPSK45M	Left Cheek	351500	1	1	Ant 0	DSI 1	-	24.00	23.25	-0.19	0.140	1.000	1.189	**0.17**
	FR1 n66	DFT-QPSK45M	Left Tilted	351500	1	1	Ant 0	DSI 1	-	24.00	23.25	0.05	0.039	1.000	1.189	0.05
	FR1 n66	DFT-QPSK45M	Right Cheek	351500	120	61	Ant 0	DSI 1	-	24.00	23.17	0.07	0.071	1.000	1.211	0.09
	FR1 n66	DFT-QPSK45M	Right Tilted	351500	120	61	Ant 0	DSI 1	-	24.00	23.17	0.05	0.000	1.000	1.211	0.00
	FR1 n66	DFT-QPSK45M	Left Cheek	351500	120	61	Ant 0	DSI 1	-	24.00	23.17	0.09	0.093	1.000	1.211	0.11
	FR1 n66	DFT-QPSK45M	Left Tilted	351500	120	61	Ant 0	DSI 1	-	24.00	23.17	0.03	0.000	1.000	1.211	0.00
	FR1 n66	DFT-QPSK45M	Right Cheek	346500	1	1	Ant 2	DSI 1	-	18.00	16.90	-0.01	0.841	1.000	1.288	1.08
	FR1 n66	DFT-QPSK45M	Right Tilted	346500	1	1	Ant 2	DSI 1	-	18.00	16.90	0.08	0.815	1.000	1.288	1.05
	FR1 n66	DFT-QPSK45M	Left Cheek	346500	1	1	Ant 2	DSI 1	-	18.00	16.90	0.17	0.503	1.000	1.288	0.65
	FR1 n66	DFT-QPSK45M	Left Tilted	346500	1	1	Ant 2	DSI 1	-	18.00	16.90	0.11	0.653	1.000	1.288	0.84
	FR1 n66	DFT-QPSK45M	Right Cheek	346500	120	61	Ant 2	DSI 1	-	18.00	16.85	0.09	0.705	1.000	1.303	0.92
	FR1 n66	DFT-QPSK45M	Right Tilted	346500	120	61	Ant 2	DSI 1	-	18.00	16.85	0.17	0.661	1.000	1.303	0.86
	FR1 n66	DFT-QPSK45M	Left Cheek	346500	120	61	Ant 2	DSI 1	-	18.00	16.85	-0.17	0.408	1.000	1.303	0.53

Plot No.	Band	Mode	Test Position	Ch.	RB Size	RB offset	Antenna	Power State	Duty Cycle %	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Power Drift (dB)	Measured SAR-1g (W/kg)	Duty Cycle Scaling Factor	Tune-up Scaling Factor	Scaled SAR-1g (W/kg)
	FR1 n66	DFT-QPSK45M	Left Tilted	346500	120	61	Ant 2	DSI 1	-	18.00	16.85	0.19	0.549	1.000	1.303	0.72
	FR1 n66	DFT-QPSK45M	Right Cheek	349000	1	1	Ant 2	DSI 1	-	18.00	16.89	-0.04	0.839	1.000	1.291	1.08
P22	FR1 n66	DFT-QPSK45M	Right Cheek	351500	1	1	Ant 2	DSI 1	-	18.00	16.88	0.02	0.842	1.000	1.294	1.09
	FR1 n66	DFT-QPSK45M	Right Tilted	349000	1	1	Ant 2	DSI 1	-	18.00	16.89	-0.09	0.840	1.000	1.291	1.09
	FR1 n66	DFT-QPSK45M	Right Tilted	351500	1	1	Ant 2	DSI 1	-	18.00	16.88	0.05	0.841	1.000	1.294	1.09
	FR1 n66	DFT-QPSK45M	Left Tilted	349000	1	1	Ant 2	DSI 1	-	18.00	16.89	0.17	0.571	1.000	1.291	0.74
	FR1 n66	DFT-QPSK45M	Left Tilted	351500	1	1	Ant 2	DSI 1	-	18.00	16.88	-0.03	0.574	1.000	1.294	0.74
	FR1 n66	DFT-QPSK45M	Right Cheek	349000	120	61	Ant 2	DSI 1	-	18.00	16.83	-0.08	0.819	1.000	1.309	1.07
	FR1 n66	DFT-QPSK45M	Right Cheek	351500	120	61	Ant 2	DSI 1	-	18.00	16.80	0.13	0.822	1.000	1.318	1.08
	FR1 n66	DFT-QPSK45M	Right Tilted	349000	120	61	Ant 2	DSI 1	-	18.00	16.83	0.05	0.824	1.000	1.309	1.08
	FR1 n66	DFT-QPSK45M	Right Tilted	351500	120	61	Ant 2	DSI 1	-	18.00	16.80	-0.16	0.816	1.000	1.318	1.08
	FR1 n66	DFT-QPSK45M	Right Cheek	346500	240	0	Ant 2	DSI 1	-	18.00	16.83	0.19	0.831	1.000	1.309	1.09
	FR1 n66	DFT-QPSK45M	Right Tilted	346500	240	0	Ant 2	DSI 1	-	18.00	16.83	-0.10	0.797	1.000	1.309	1.04
	FR1 n66	DFT-QPSK45M	Left Tilted	346500	240	0	Ant 2	DSI 1	-	18.00	16.83	0.14	0.580	1.000	1.309	0.76
	EN-DCFR1 n66	DFT-QPSK45M	Right Cheek	346500	1	1	Ant 2	DSI 1	-	15.00	13.91	0.16	0.422	1.000	1.285	0.54
	EN-DCFR1 n66	DFT-QPSK45M	Right Tilted	346500	1	1	Ant 2	DSI 1	-	15.00	13.91	0.11	0.417	1.000	1.285	0.54
	EN-DCFR1 n66	DFT-QPSK45M	Left Cheek	346500	1	1	Ant 2	DSI 1	-	15.00	13.91	0.15	0.251	1.000	1.285	0.32
	EN-DCFR1 n66	DFT-QPSK45M	Left Tilted	346500	1	1	Ant 2	DSI 1	-	15.00	13.91	0.00	0.334	1.000	1.285	0.43
	FR1 n66	DFT-QPSK45M	Right Cheek	349000	1	1	Ant 3	DSI 1	-	17.50	16.40	-0.14	0.407	1.000	1.288	0.52
	FR1 n66	DFT-QPSK45M	Right Tilted	349000	1	1	Ant 3	DSI 1	-	17.50	16.40	0.18	0.090	1.000	1.288	0.12
	FR1 n66	DFT-QPSK45M	Left Cheek	349000	1	1	Ant 3	DSI 1	-	17.50	16.40	-0.06	0.666	1.000	1.288	0.86
	FR1 n66	DFT-QPSK45M	Left Tilted	349000	1	1	Ant 3	DSI 1	-	17.50	16.40	0.09	0.169	1.000	1.288	0.22
	FR1 n66	DFT-QPSK45M	Right Cheek	349000	120	61	Ant 3	DSI 1	-	17.50	16.37	0.05	0.315	1.000	1.297	0.41
	FR1 n66	DFT-QPSK45M	Right Tilted	349000	120	61	Ant 3	DSI 1	-	17.50	16.37	-0.04	0.073	1.000	1.297	0.10
	FR1 n66	DFT-QPSK45M	Left Cheek	349000	120	61	Ant 3	DSI 1	-	17.50	16.37	-0.04	0.515	1.000	1.297	0.67
	FR1 n66	DFT-QPSK45M	Left Tilted	349000	120	61	Ant 3	DSI 1	-	17.50	16.37	0.12	0.128	1.000	1.297	0.17
	FR1 n66	DFT-QPSK45M	Left Cheek	346500	1	1	Ant 3	DSI 1	-	17.50	16.38	-0.11	0.599	1.000	1.294	0.78
	FR1 n66	DFT-QPSK45M	Left Cheek	351500	1	1	Ant 3	DSI 1	-	17.50	16.32	0.02	0.641	1.000	1.312	0.84
	FR1 n66	DFT-QPSK45M	Left Cheek	349000	240	0	Ant 3	DSI 1	-	17.50	16.35	-0.15	0.520	1.000	1.303	0.68
	FR1 n66	DFT-QPSK45M	Right Cheek	349000	1	1	Ant 4	DSI 1	-	16.50	14.92	0.10	0.577	1.000	1.439	0.83
	FR1 n66	DFT-QPSK45M	Right Tilted	349000	1	1	Ant 4	DSI 1	-	16.50	14.92	0.17	0.196	1.000	1.439	0.28
	FR1 n66	DFT-QPSK45M	Left Cheek	349000	1	1	Ant 4	DSI 1	-	16.50	14.92	0.18	0.154	1.000	1.439	0.22
	FR1 n66	DFT-QPSK45M	Left Tilted	349000	1	1	Ant 4	DSI 1	-	16.50	14.92	-0.10	0.107	1.000	1.439	0.15
	FR1 n66	DFT-QPSK45M	Right Cheek	349000	120	61	Ant 4	DSI 1	-	16.50	14.85	0.06	0.464	1.000	1.462	0.68
	FR1 n66	DFT-QPSK45M	Right Tilted	349000	120	61	Ant 4	DSI 1	-	16.50	14.85	-0.15	0.163	1.000	1.462	0.24
	FR1 n66	DFT-QPSK45M	Left Cheek	349000	120	61	Ant 4	DSI 1	-	16.50	14.85	-0.02	0.121	1.000	1.462	0.18
	FR1 n66	DFT-QPSK45M	Left Tilted	349000	120	61	Ant 4	DSI 1	-	16.50	14.85	0.00	0.088	1.000	1.462	0.13
	FR1 n66	DFT-QPSK45M	Right Cheek	346500	1	1	Ant 4	DSI 1	-	16.50	14.78	0.13	0.513	1.000	1.486	0.76
	FR1 n66	DFT-QPSK45M	Right Cheek	351500	1	1	Ant 4	DSI 1	-	16.50	14.84	-0.13	0.485	1.000	1.466	0.71
	FR1 n66	DFT-QPSK45M	Right Cheek	349000	240	0	Ant 4	DSI 1	-	16.50	14.83	0.14	0.414	1.000	1.469	0.61
	FR1 n77 / 78	DFT-QPSK100M	Right Cheek	633334	1	1	Ant 1	DSI 1	100	15.00	13.73	0.12	0.542	1.000	1.340	0.73
	FR1 n77 / 78	DFT-QPSK100M	Right Tilted	633334	1	1	Ant 1	DSI 1	100	15.00	13.73	0.08	0.094	1.000	1.340	0.13
	FR1 n77 / 78	DFT-QPSK100M	Left Cheek	633334	1	1	Ant 1	DSI 1	100	15.00	13.73	0.11	0.133	1.000	1.340	0.18
	FR1 n77 / 78	DFT-QPSK100M	Left Tilted	633334	1	1	Ant 1	DSI 1	100	15.00	13.73	0.16	0.041	1.000	1.340	0.06
	FR1 n77 / 78	DFT-QPSK100M	Right Cheek	633334	135	69	Ant 1	DSI 1	100	15.00	13.70	0.16	0.533	1.000	1.349	0.72
	FR1 n77 / 78	DFT-QPSK100M	Right Tilted	633334	135	69	Ant 1	DSI 1	100	15.00	13.70	-0.05	0.105	1.000	1.349	0.14
	FR1 n77 / 78	DFT-QPSK100M	Left Cheek	633334	135	69	Ant 1	DSI 1	100	15.00	13.70	-0.05	0.112	1.000	1.349	0.15
	FR1 n77 / 78	DFT-QPSK100M	Left Tilted	633334	135	69	Ant 1	DSI 1	100	15.00	13.70	-0.17	0.045	1.000	1.349	0.06
	PC2FR1 n77 / 78	DFT-QPSK100M	Right Cheek	633334	1	1	Ant 1	DSI 1	50	17.00	15.58	0.08	0.503	1.000	1.387	0.70
	DSDAFR1 n77 / 78	DFT-QPSK100M	Right Cheek	633334	1	1	Ant 1	DSI 1	100	11.50	10.33	-0.06	0.288	1.000	1.309	0.38
	FR1 n77	DFT-QPSK100M	Right Cheek	656000	1	1	Ant 1	DSI 1	100	15.00	13.66	0.01	0.486	1.000	1.361	0.66
	FR1 n77	DFT-QPSK100M	Right Tilted	656000	1	1	Ant 1	DSI 1	100	15.00	13.66	0.07	0.010	1.000	1.361	0.01
	FR1 n77	DFT-QPSK100M	Left Cheek	656000	1	1	Ant 1	DSI 1	100	15.00	13.66	-0.02	0.007	1.000	1.361	0.01
	FR1 n77	DFT-QPSK100M	Left Tilted	656000	1	1	Ant 1	DSI 1	100	15.00	13.66	-0.05	0.004	1.000	1.361	0.01
	FR1 n77	DFT-QPSK100M	Right Cheek	656000	135	69	Ant 1	DSI 1	100	15.00	13.63	0.02	0.460	1.000	1.371	0.63
	FR1 n77	DFT-QPSK100M	Right Tilted	656000	135	69	Ant 1	DSI 1	100	15.00	13.63	0.02	0.010	1.000	1.371	0.01
	FR1 n77	DFT-QPSK100M	Left Cheek	656000	135	69	Ant 1	DSI 1	100	15.00	13.63	0.14	0.009	1.000	1.371	0.01
	FR1 n77	DFT-QPSK100M	Left Tilted	656000	135	69	Ant 1	DSI 1	100	15.00	13.63	0.16	0.004	1.000	1.371	0.01
	PC2FR1 n77	DFT-QPSK100M	Right Cheek	656000	1	1	Ant 1	DSI 1	50	17.00	15.81	0.13	0.422	1.000	1.315	0.56
	FR1 n77	DFT-QPSK100M	Right Cheek	633334	1	1	Ant 2	DSI 1	100	12.50	12.13	-0.16	0.221	1.000	1.089	0.24
	FR1 n77	DFT-QPSK100M	Right Tilted	633334	1	1	Ant 2	DSI 1	100	12.50	12.13	-0.06	0.269	1.000	1.089	0.29
	FR1 n77	DFT-QPSK100M	Left Cheek	633334	1	1	Ant 2	DSI 1	100	12.50	12.13	0.08	0.094	1.000	1.089	0.10
	FR1 n77	DFT-QPSK100M	Left Tilted	633334	1	1	Ant 2	DSI 1	100	12.50	12.13	-0.15	0.129	1.000	1.089	0.14
	FR1 n77	DFT-QPSK100M	Right Cheek	633334	135	69	Ant 2	DSI 1	100	12.50	12.10	0.02	0.247	1.000	1.096	0.27
	FR1 n77	DFT-QPSK100M	Right Tilted	633334	135	69	Ant 2	DSI 1	100	12.50	12.10	-0.16	0.292	1.000	1.096	0.32
	FR1 n77	DFT-QPSK100M	Left Cheek	633334	135	69	Ant 2	DSI 1	100	12.50	12.10	0.06	0.105	1.000	1.096	0.12
	FR1 n77	DFT-QPSK100M	Left Tilted	633334	135	69	Ant 2	DSI 1	100	12.50	12.10	0.01	0.145	1.000	1.096	0.16
	PC2FR1 n77	DFT-QPSK100M	Right Tilted	633334	135	69	Ant 2	DSI 1	50	14.50	13.60	0.18	0.227	1.000	1.230	0.28
	FR1 n77	DFT-QPSK100M	Right Cheek	662000	1	1	Ant 2	DSI 1	100	12.50	11.93	0.13	0.232	1.000	1.140	0.27
	FR1 n77	DFT-QPSK100M	Right Tilted	662000	1	1	Ant 2	DSI 1	100	12.50	11.93	-0.07	0.273	1.000	1.140	0.31
	FR1 n77	DFT-QPSK100M	Left Cheek	662000	1	1	Ant 2	DSI 1	100	12.50	11.93	-0.19	0.096	1.000	1.140	0.11
	FR1 n77	DFT-QPSK100M	Left Tilted	662000	1	1	Ant 2	DSI 1	100	12.50	11.93	0.10	0.120	1.000	1.140	0.14
	FR1 n77	DFT-QPSK100M	Right Cheek	662000	135	69	Ant 2	DSI 1	100	12.50	11.84	-0.13	0.224	1.000	1.164	0.26
	FR1 n77	DFT-QPSK100M	Right Tilted	662000	135	69	Ant 2	DSI 1	100	12.50	11.84	-0.18	0.255	1.000	1.164	0.30
	FR1 n77	DFT-QPSK100M	Left Cheek	662000	135	69	Ant 2	DSI 1	100	12.50	11.84	-0.01	0.105	1.000	1.164	0.12
	FR1 n77	DFT-QPSK100M	Left Tilted	662000	135	69	Ant 2	DSI 1	100	12.50	11.84	-0.06	0.122	1.000	1.164	0.14
	PC2FR1 n77	DFT-QPSK100M	Right Tilted	662000	135	69	Ant 2	DSI 1	50	14.50	13.96	0.06	0.180	1.000	1.132	0.20
	FR1 n77 / 78	DFT-QPSK100M	Right Cheek	633334	1	1	Ant 3	DSI 1	100	18.00	17.27	0.15	0.611	1.000	1.183	0.72
	FR1 n77 / 78	DFT-QPSK100M	Right Tilted	633334	1	1	Ant 3	DSI 1	100	18.00	17.27	0.07	0.082	1.000	1.183	0.10
	FR1 n77 / 78	DFT-QPSK100M	Left Cheek	633334	1	1	Ant 3	DSI 1	100	18.00	17.27	0.13	0.455	1.000	1.183	0.54
	FR1 n77 / 78	DFT-QPSK100M	Left Tilted	633334	1	1	Ant 3	DSI 1	100	18.00	17.27	0.16	0.145	1.000	1.183	0.17
	FR1 n77 / 78	DFT-QPSK100M	Right Cheek	633334	135	69	Ant 3	DSI 1	100	18.00	17.24	0.09	0.589	1.000	1.191	0.70
	FR1 n77 / 78	DFT-QPSK100M	Right Tilted	633334	135	69	Ant 3	DSI 1	100	18.00	17.24	-0.07	0.072	1.000	1.191	0.09
	FR1 n77 / 78	DFT-QPSK100M	Left Cheek	633334	135	69	Ant 3	DSI 1	100	18.00	17.24	-0.19	0.507	1.000	1.191	0.60
	FR1 n77 / 78	DFT-QPSK100M	Left Tilted	633334	135	69	Ant 3	DSI 1	100	18.00	17.24	0.09	0.133	1.000	1.191	0.16
	PC2FR1 n77 / 78	DFT-QPSK100M	Right Cheek	633334	1	1	Ant 3	DSI 1	50	20.00	19.41	0.02	0.565	1.000	1.146	0.65
	DSDAFR1 n77 / 78	DFT-QPSK100M	Right Cheek	633334	1	1	Ant 3	DSI 1	100	14.50	13.72	-0.15	0.269	1.000	1.197	0.32
	FR1 n77	DFT-QPSK100M	Right Cheek	650000	1	1	Ant 3	DSI 1	100	18.00	17.35	-0.12	0.538	1.000	1.161	0.63
	FR1 n77	DFT-QPSK100M	Right Tilted	650000	1	1	Ant 3	DSI 1	100	18.00	17.35	-0.08	0.066	1.000	1.161	0.08
	FR1 n77	DFT-QPSK100M	Left Cheek	650000	1	1	Ant 3	DSI 1	100	18.00	17.35	-0.02	0.618	1.000	1.161	0.72
	FR1 n77	DFT-QPSK100M	Left Tilted	650000	1	1	Ant 3	DSI 1	100	18.00	17.35	-0.18	0.112	1.000	1.161	0.13
	FR1 n77	DFT-QPSK100M	Right Cheek	650000	135	69	Ant 3	DSI 1	100	18.00	17.32	0.12	0.544	1.000	1.169	0.64
	FR1 n77	DFT-QPSK100M	Right Tilted	650000	135	69	Ant 3	DSI 1	100	18.00	17.32	-0.16	0.062	1.000	1.169	0.07

Plot No.	Band	Mode	Test Position	Ch.	RB Size	RB offset	Antenna	Power State	Duty Cycle %	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Power Drift (dB)	Measured SAR-1g (W/kg)	Duty Cycle Scaling Factor	Tune-up Scaling Factor	Scaled SAR-1g (W/kg)
	FR1 n77	DFT-QPSK100M	Left Cheek	650000	135	69	Ant 3	DSI 1	100	18.00	17.32	0.14	0.673	1.000	1.169	**0.79**
	FR1 n77	DFT-QPSK100M	Left Tilted	650000	135	69	Ant 3	DSI 1	100	18.00	17.32	0.13	0.117	1.000	1.169	0.14
	PC2FR1 n77	DFT-QPSK100M	Left Cheek	650000	135	69	Ant 3	DSI 1	50	20.00	18.72	0.05	0.537	1.000	1.343	0.72
	DSDAFR1 n77	DFT-QPSK100M	Left Cheek	650000	135	69	Ant 3	DSI 1	100	14.50	13.85	0.10	0.361	1.000	1.161	0.42
	FR1 n77 / 78	DFT-QPSK100M	Right Cheek	633334	1	1	Ant 7	DSI 1	100	24.50	23.38	-0.02	0.612	1.000	1.294	0.79
	FR1 n77 / 78	DFT-QPSK100M	Right Tilted	633334	1	1	Ant 7	DSI 1	100	24.50	23.38	0.14	0.253	1.000	1.294	0.33
	FR1 n77 / 78	DFT-QPSK100M	Left Cheek	633334	1	1	Ant 7	DSI 1	100	24.50	23.38	-0.09	0.423	1.000	1.294	0.55
	FR1 n77 / 78	DFT-QPSK100M	Left Tilted	633334	1	1	Ant 7	DSI 1	100	24.50	23.38	0.06	0.111	1.000	1.294	0.14
P23	FR1 n77 / 78	DFT-QPSK100M	Right Cheek	633334	135	69	Ant 7	DSI 1	100	24.50	23.33	0.04	0.738	1.000	1.309	**0.97**
	FR1 n77 / 78	DFT-QPSK100M	Right Tilted	633334	135	69	Ant 7	DSI 1	100	24.50	23.33	-0.15	0.211	1.000	1.309	0.28
	FR1 n77 / 78	DFT-QPSK100M	Left Cheek	633334	135	69	Ant 7	DSI 1	100	24.50	23.33	0.05	0.304	1.000	1.309	0.40
	FR1 n77 / 78	DFT-QPSK100M	Left Tilted	633334	135	69	Ant 7	DSI 1	100	24.50	23.33	0.19	0.096	1.000	1.309	0.13
	FR1 n77 / 78	DFT-QPSK100M	Right Cheek	633334	270	0	Ant 7	DSI 1	100	24.50	23.32	-0.08	0.689	1.000	1.312	0.90
	PC2FR1 n77 / 78	DFT-QPSK100M	Right Cheek	633334	135	69	Ant 7	DSI 1	50	26.50	24.93	0.14	0.577	1.000	1.435	0.83
	DSDAFR1 n77 / 78	DFT-QPSK100M	Right Cheek	633334	135	69	Ant 7	DSI 1	100	20.00	18.85	-0.06	0.239	1.000	1.303	0.31
	FR1 n77	DFT-QPSK100M	Right Cheek	656000	1	1	Ant 7	DSI 1	100	24.50	23.39	-0.02	0.225	1.000	1.291	0.29
	FR1 n77	DFT-QPSK100M	Right Tilted	656000	1	1	Ant 7	DSI 1	100	24.50	23.39	-0.10	0.179	1.000	1.291	0.23
	FR1 n77	DFT-QPSK100M	Left Cheek	656000	1	1	Ant 7	DSI 1	100	24.50	23.39	-0.03	0.106	1.000	1.291	0.14
	FR1 n77	DFT-QPSK100M	Left Tilted	656000	1	1	Ant 7	DSI 1	100	24.50	23.39	-0.17	0.114	1.000	1.291	0.15
	FR1 n77	DFT-QPSK100M	Right Cheek	656000	135	69	Ant 7	DSI 1	100	24.50	23.37	-0.17	0.250	1.000	1.297	**0.32**
	FR1 n77	DFT-QPSK100M	Right Tilted	656000	135	69	Ant 7	DSI 1	100	24.50	23.37	0.00	0.206	1.000	1.297	0.27
	FR1 n77	DFT-QPSK100M	Left Cheek	656000	135	69	Ant 7	DSI 1	100	24.50	23.37	-0.01	0.110	1.000	1.297	0.14
	FR1 n77	DFT-QPSK100M	Left Tilted	656000	135	69	Ant 7	DSI 1	100	24.50	23.37	-0.19	0.123	1.000	1.297	0.16
	PC2FR1 n77	DFT-QPSK100M	Right Cheek	656000	135	69	Ant 7	DSI 1	50	26.50	25.03	-0.10	0.181	1.000	1.403	0.25
	FR1 n78	DFT-QPSK100M	Right Cheek	633334	1	1	Ant 2	DSI 1	100	13.00	12.52	0.15	0.225	1.000	1.117	0.25
P24	FR1 n78	DFT-QPSK100M	Right Tilted	633334	1	1	Ant 2	DSI 1	100	13.00	12.52	0.02	0.296	1.000	1.117	**0.33**
	FR1 n78	DFT-QPSK100M	Left Cheek	633334	1	1	Ant 2	DSI 1	100	13.00	12.52	0.13	0.114	1.000	1.117	0.13
	FR1 n78	DFT-QPSK100M	Left Tilted	633334	1	1	Ant 2	DSI 1	100	13.00	12.52	-0.10	0.153	1.000	1.117	0.17
	FR1 n78	DFT-QPSK100M	Right Cheek	633334	135	69	Ant 2	DSI 1	100	13.00	12.50	-0.09	0.201	1.000	1.122	0.23
	FR1 n78	DFT-QPSK100M	Right Tilted	633334	135	69	Ant 2	DSI 1	100	13.00	12.50	-0.19	0.262	1.000	1.122	0.29
	FR1 n78	DFT-QPSK100M	Left Cheek	633334	135	69	Ant 2	DSI 1	100	13.00	12.50	-0.06	0.111	1.000	1.122	0.13
	FR1 n78	DFT-QPSK100M	Left Tilted	633334	135	69	Ant 2	DSI 1	100	13.00	12.50	0.12	0.146	1.000	1.122	0.16
	PC2FR1 n78	DFT-QPSK100M	Right Tilted	633334	1	1	Ant 2	DSI 1	50	15.00	14.06	0.17	0.239	1.000	1.242	0.30
	WLAN 2.4G	802.11ax HE20	Right Cheek	11	-	-	MIMO	DSI 2	99.63	20.00	18.97	0.10	0.271	1.004	1.269	0.35
	WLAN 2.4G	802.11ax HE20	Right Tilted	11	-	-	MIMO	DSI 2	99.63	20.00	18.97	-0.08	0.296	1.004	1.269	0.38
	WLAN 2.4G	802.11ax HE20	Left Cheek	11	-	-	MIMO	DSI 2	99.63	20.00	18.97	0.00	0.614	1.004	1.269	0.78
	WLAN 2.4G	802.11ax HE20	Left Tilted	11	-	-	MIMO	DSI 2	99.63	20.00	18.97	0.05	0.509	1.004	1.269	0.65
	WLAN 2.4G	802.11ax HE20	Left Cheek	1	-	-	MIMO	DSI 2	99.63	20.00	18.93	0.14	0.621	1.004	1.279	0.80
P25	WLAN 2.4G	802.11ax HE20	Left Cheek	6	-	-	MIMO	DSI 2	99.63	20.00	18.94	0.00	0.726	1.004	1.278	**0.93**
	WLAN 2.4G	802.11ax HE20	Right Cheek	11	-	-	MIMO	DSI 3	99.63	16.00	15.11	0.19	0.088	1.004	1.227	0.11
	WLAN 2.4G	802.11ax HE20	Right Tilted	11	-	-	MIMO	DSI 3	99.63	16.00	15.11	-0.07	0.132	1.004	1.227	0.16
	WLAN 2.4G	802.11ax HE20	Left Cheek	11	-	-	MIMO	DSI 3	99.63	16.00	15.11	-0.08	0.239	1.004	1.227	**0.30**
	WLAN 2.4G	802.11ax HE20	Left Tilted	11	-	-	MIMO	DSI 3	99.63	16.00	15.11	-0.16	0.219	1.004	1.227	0.27
	WLAN 5G	802.11ax HE20	Right Cheek	64	-	-	MIMO	DSI 2	99.63	18.00	17.41	0.06	0.407	1.004	1.147	0.47
	WLAN 5G	802.11ax HE20	Right Tilted	64	-	-	MIMO	DSI 2	99.63	18.00	17.41	0.09	0.604	1.004	1.147	0.70
	WLAN 5G	802.11ax HE20	Left Cheek	64	-	-	MIMO	DSI 2	99.63	18.00	17.41	-0.01	0.775	1.004	1.147	0.89
	WLAN 5G	802.11ax HE20	Left Tilted	64	-	-	MIMO	DSI 2	99.63	18.00	17.41	0.11	0.824	1.004	1.147	0.95
	WLAN 5G	802.11ax HE20	Left Cheek	60	-	-	MIMO	DSI 2	99.63	18.00	17.32	0.16	0.836	1.004	1.171	0.98
P26	WLAN 5G	802.11ax HE20	Left Tilted	60	-	-	MIMO	DSI 2	99.63	18.00	17.32	-0.06	0.876	1.004	1.171	**1.03**
	WLAN 5G	802.11ax HE20	Right Cheek	64	-	-	MIMO	DSI 3	99.63	16.00	15.44	-0.05	0.121	1.004	1.138	0.14
	WLAN 5G	802.11ax HE20	Right Tilted	64	-	-	MIMO	DSI 3	99.63	16.00	15.44	-0.07	0.154	1.004	1.138	0.18
	WLAN 5G	802.11ax HE20	Left Cheek	64	-	-	MIMO	DSI 3	99.63	16.00	15.44	-0.17	0.204	1.004	1.138	**0.23**
	WLAN 5G	802.11ax HE20	Left Tilted	64	-	-	MIMO	DSI 3	99.63	16.00	15.44	-0.16	0.183	1.004	1.138	0.21
	WLAN 5G	802.11n HT20	Right Cheek	140	-	-	MIMO	DSI 2	99.67	19.00	17.89	-0.15	0.249	1.003	1.291	0.32
	WLAN 5G	802.11n HT20	Right Tilted	140	-	-	MIMO	DSI 2	99.67	19.00	17.89	-0.16	0.304	1.003	1.291	0.39
	WLAN 5G	802.11n HT20	Left Cheek	140	-	-	MIMO	DSI 2	99.67	19.00	17.89	0.12	0.659	1.003	1.291	0.85
	WLAN 5G	802.11n HT20	Left Tilted	140	-	-	MIMO	DSI 2	99.67	19.00	17.89	0.12	0.505	1.003	1.291	0.65
P27	WLAN 5G	802.11n HT20	Left Cheek	144	-	-	MIMO	DSI 2	99.67	19.00	17.82	-0.04	0.666	1.003	1.314	**0.88**
	WLAN 5G	802.11n HT20	Right Cheek	140	-	-	MIMO	DSI 3	99.67	15.00	13.83	-0.13	0.086	1.003	1.309	0.11
	WLAN 5G	802.11n HT20	Right Tilted	140	-	-	MIMO	DSI 3	99.67	15.00	13.83	-0.13	0.116	1.003	1.309	0.15
	WLAN 5G	802.11n HT20	Left Cheek	140	-	-	MIMO	DSI 3	99.67	15.00	13.83	-0.04	0.153	1.003	1.309	**0.20**
	WLAN 5G	802.11n HT20	Left Tilted	140	-	-	MIMO	DSI 3	99.67	15.00	13.83	0.08	0.106	1.003	1.309	0.14
	WLAN 5G	802.11be HE20	Right Cheek	157	-	-	MIMO	DSI 2	99.63	19.00	17.74	0.19	0.462	1.004	1.336	0.62
	WLAN 5G	802.11be HE20	Right Tilted	157	-	-	MIMO	DSI 2	99.63	19.00	17.74	-0.17	0.601	1.004	1.336	0.81
	WLAN 5G	802.11be HE20	Left Cheek	157	-	-	MIMO	DSI 2	99.63	19.00	17.74	0.04	0.779	1.004	1.336	1.05
P28	WLAN 5G	802.11be HE20	Left Tilted	157	-	-	MIMO	DSI 2	99.63	19.00	17.74	0.16	0.796	1.004	1.336	**1.07**
	WLAN 5G	802.11be HE20	Left Cheek	149	-	-	MIMO	DSI 2	99.63	19.00	17.71	0.00	0.734	1.004	1.345	0.99
	WLAN 5G	802.11be HE20	Right Cheek	157	-	-	MIMO	DSI 3	99.63	15.00	13.88		0.096	1.004	1.293	0.13
	WLAN 5G	802.11be HE20	Right Tilted	157	-	-	MIMO	DSI 3	99.63	15.00	13.88	0.13	0.137	1.004	1.293	0.18
	WLAN 5G	802.11be HE20	Left Cheek	157	-	-	MIMO	DSI 3	99.63	15.00	13.88	-0.03	0.149	1.004	1.293	0.19
	WLAN 5G	802.11be HE20	Left Tilted	157	-	-	MIMO	DSI 3	99.63	15.00	13.88	-0.08	0.167	1.004	1.293	**0.22**
	BT	GFSK	Right Cheek	0	-	-	MIMO	DSI 2/3	45.96	20.00	18.84	0.03	0.101	1.812	1.306	0.24
	BT	GFSK	Right Tilted	0	-	-	MIMO	DSI 2/3	45.96	20.00	18.84	0.11	0.124	1.812	1.306	0.29
P29	BT	GFSK	Left Cheek	0	-	-	MIMO	DSI 2/3	45.96	20.00	18.84	-0.06	0.136	1.812	1.306	**0.32**
	BT	GFSK	Left Tilted	0	-	-	MIMO	DSI 2/3	45.96	20.00	18.84	0.03	0.123	1.812	1.306	0.29

4.6.3 SAR Results for Body-worn Exposure Condition (Separation Distance is 1.5 cm Gap)

Plot No.	Band	Mode	Test Position	Ch.	RB Size	RB Offset	Antenna	Power State	Duty Cycle %	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Power Drift (dB)	Measured SAR-1g (W/kg)	Duty Cycle Scaling Factor	Tune-up Scaling Factor	Scaled SAR-1g (W/kg)
	GSM850	GPRS 3Tx Slot	Front Face	251	-	-	Ant 0	DSI 3/4	-	29.30	28.59	0.06	0.155	1.000	1.178	0.18
	GSM850	GPRS 3Tx Slot	Rear Face	251	-	-	Ant 0	DSI 3/4	-	29.30	28.59	0.09	0.214	1.000	1.178	**0.25**
	GSM850	GPRS 3Tx Slot	Front Face	189	-	-	Ant 1	DSI 3/4	-	28.80	27.87	-0.15	0.401	1.000	1.239	0.50
P30	GSM850	GPRS 3Tx Slot	Rear Face	189	-	-	Ant 1	DSI 3/4	-	28.80	27.87	-0.01	0.535	1.000	1.239	**0.66**
P31	GSM1900	GPRS 2Tx Slot	Front Face	661	-	-	Ant 2	DSI 4	-	28.00	27.27	0.04	0.195	1.000	1.183	**0.23**
	GSM1900	GPRS 2Tx Slot	Rear Face	661	-	-	Ant 2	DSI 4	-	28.00	27.27	0.13	0.155	1.000	1.183	0.18
	GSM1900	GPRS 2Tx Slot	Front Face	810	-	-	Ant 3	DSI 4	-	27.50	26.93	0.13	0.124	1.000	1.140	0.14
	GSM1900	GPRS 2Tx Slot	Rear Face	810	-	-	Ant 3	DSI 4	-	27.50	26.93	0.06	0.142	1.000	1.140	**0.16**
	WCDMA II	RMC 12.2K	Front Face	9262	-	-	Ant 2	DSI 4	-	25.00	24.18	0.08	0.414	1.000	1.208	0.50
P32	WCDMA II	RMC 12.2K	Rear Face	9262	-	-	Ant 2	DSI 4	-	25.00	24.18	0.02	0.624	1.000	1.208	**0.75**
	WCDMA II	RMC 12.2K	Front Face	9400	-	-	Ant 3	DSI 4	-	25.00	23.98	-0.10	0.431	1.000	1.265	0.55
	WCDMA II	RMC 12.2K	Rear Face	9400	-	-	Ant 3	DSI 4	-	25.00	23.98	-0.02	0.442	1.000	1.265	**0.56**
	WCDMA IV	RMC 12.2K	Front Face	1513	-	-	Ant 0	DSI 3/4	-	21.00	20.49	0.06	0.101	1.000	1.125	0.11
	WCDMA IV	RMC 12.2K	Rear Face	1513	-	-	Ant 0	DSI 3/4	-	21.00	20.49	-0.02	0.194	1.000	1.125	**0.22**
	WCDMA IV	RMC 12.2K	Front Face	1413	-	-	Ant 2	DSI 4	-	25.00	24.43	0.02	0.495	1.000	1.140	0.56
P33	WCDMA IV	RMC 12.2K	Rear Face	1413	-	-	Ant 2	DSI 4	-	25.00	24.43	-0.05	0.799	1.000	1.140	**0.91**
	WCDMA IV	RMC 12.2K	Rear Face	1312	-	-	Ant 2	DSI 4	-	25.00	24.32	-0.18	0.655	1.000	1.169	0.77
	WCDMA IV	RMC 12.2K	Rear Face	1513	-	-	Ant 2	DSI 4	-	25.00	24.38	0.07	0.651	1.000	1.153	0.75
	WCDMA IV	RMC 12.2K	Front Face	1513	-	-	Ant 3	DSI 4	-	24.50	23.80	0.13	0.516	1.000	1.175	**0.61**
	WCDMA IV	RMC 12.2K	Rear Face	1513	-	-	Ant 3	DSI 4	-	24.50	23.80	0.03	0.428	1.000	1.175	0.50
	WCDMA IV	RMC 12.2K	Front Face	1513	-	-	Ant 4	DSI 3/4	-	21.50	20.69	-0.10	0.131	1.000	1.205	0.16
	WCDMA IV	RMC 12.2K	Rear Face	1513	-	-	Ant 4	DSI 3/4	-	21.50	20.69	0.16	0.177	1.000	1.205	**0.21**
	WCDMA V	RMC 12.2K	Front Face	4182	-	-	Ant 0	DSI 3/4	-	25.00	24.58	-0.03	0.232	1.000	1.102	0.26
	WCDMA V	RMC 12.2K	Rear Face	4182	-	-	Ant 0	DSI 3/4	-	25.00	24.58	0.05	0.286	1.000	1.102	**0.32**
	WCDMA V	RMC 12.2K	Front Face	4132	-	-	Ant 1	DSI 3/4	-	22.50	21.29	-0.06	0.314	1.000	1.321	0.42
P34	WCDMA V	RMC 12.2K	Rear Face	4132	-	-	Ant 1	DSI 3/4	-	22.50	21.29	-0.03	0.430	1.000	1.321	**0.57**
	LTE B2	QPSK20M	Front Face	19100	1	50	Ant 2	DSI 4	-	25.00	23.79	0.08	0.383	1.000	1.321	0.51
P35	LTE B2	QPSK20M	Rear Face	19100	1	50	Ant 2	DSI 4	-	25.00	23.79	-0.04	0.520	1.000	1.321	**0.69**
	LTE B2	QPSK20M	Front Face	19100	50	25	Ant 2	DSI 4	-	24.00	22.73	0.17	0.317	1.000	1.340	0.43
	LTE B2	QPSK20M	Rear Face	19100	50	25	Ant 2	DSI 4	-	24.00	22.73	-0.06	0.412	1.000	1.340	0.55
	LTE B2	QPSK20M	Front Face	18700	1	50	Ant 3	DSI 4	-	25.00	23.89	0.00	0.460	1.000	1.291	**0.59**
	LTE B2	QPSK20M	Rear Face	18700	1	50	Ant 3	DSI 4	-	25.00	23.89	0.07	0.446	1.000	1.291	0.58
	LTE B2	QPSK20M	Front Face	18700	50	25	Ant 3	DSI 4	-	24.00	22.83	-0.15	0.367	1.000	1.309	0.48
	LTE B2	QPSK20M	Rear Face	18700	50	25	Ant 3	DSI 4	-	24.00	22.83	-0.18	0.357	1.000	1.309	0.47
P36	LTE B4	QPSK20M	Front Face	20050	1	50	Ant 3	DSI 4	-	25.50	24.67	0.01	0.645	1.000	1.211	**0.78**
	LTE B4	QPSK20M	Rear Face	20050	1	50	Ant 3	DSI 4	-	25.50	24.67	0.03	0.452	1.000	1.211	0.55
	LTE B4	QPSK20M	Front Face	20050	50	50	Ant 3	DSI 4	-	24.50	23.79	-0.11	0.382	1.000	1.178	0.45
	LTE B4	QPSK20M	Rear Face	20050	50	50	Ant 3	DSI 4	-	24.50	23.79	-0.05	0.371	1.000	1.178	0.44
	LTE B7(Other PA)	QPSK20M	Front Face	21350	1	0	Ant 0	DSI 3/4		21.50	21.19	-0.16	0.296	1.000	1.074	**0.32**
	LTE B7(Other PA)	QPSK20M	Rear Face	21350	1	0	Ant 0	DSI 3/4		21.50	21.19	0.18	0.274	1.000	1.074	0.29
	LTE B7(Other PA)	QPSK20M	Front Face	21350	50	0	Ant 0	DSI 3/4		21.50	21.17	0.02	0.256	1.000	1.079	0.28
	LTE B7(Other PA)	QPSK20M	Rear Face	21350	50	0	Ant 0	DSI 3/4		21.50	21.17	0.08	0.233	1.000	1.079	0.25
	LTE B7C	QPSK20M	Front Face	PCC:20850 SCC:21048	PCC:1 SCC:1	PCC:99 SCC:0	Ant 0	DSI 3/4		21.00	20.08	0.05	0.231	1.000	1.236	0.29
	LTE B7	QPSK20M	Front Face	21350	1	0	Ant 0	DSI 3/4		21.00	20.86	0.19	0.257	1.000	1.033	0.27
	LTE B7	QPSK20M	Front Face	21100	1	0	Ant 2	DSI 4	-	23.50	22.67	-0.12	0.377	1.000	1.211	0.46
P37	LTE B7	QPSK20M	Rear Face	21100	1	0	Ant 2	DSI 4	-	23.50	22.67	0.04	0.533	1.000	1.211	**0.65**
	LTE B7	QPSK20M	Front Face	21100	50	0	Ant 2	DSI 4	-	23.50	22.59	0.09	0.361	1.000	1.233	0.45
	LTE B7	QPSK20M	Rear Face	21100	50	0	Ant 2	DSI 4	-	23.50	22.59	-0.17	0.521	1.000	1.233	0.64
	LTE B7C	QPSK20M	Rear Face	PCC:20850 SCC:21048	PCC:1 SCC:1	PCC:99 SCC:0	Ant 2	DSI 4	-	23.50	22.48	0.10	0.458	1.000	1.265	0.58
	LTE B7(Other PA)	QPSK20M	Rear Face	21100	1	0	Ant 2	DSI 4	-	23.50	22.62	0.06	0.506	1.000	1.225	0.62
	LTE B7	QPSK20M	Front Face	21100	1	50	Ant 3	DSI 4	-	25.50	24.06	-0.19	0.280	1.000	1.393	0.39
	LTE B7	QPSK20M	Rear Face	21100	1	50	Ant 3	DSI 4	-	25.50	24.06	0.01	0.329	1.000	1.393	**0.46**
	LTE B7	QPSK20M	Front Face	21100	50	0	Ant 3	DSI 4	-	24.50	23.01	-0.11	0.224	1.000	1.409	0.32
	LTE B7	QPSK20M	Rear Face	21100	50	0	Ant 3	DSI 4	-	24.50	23.01	0.16	0.247	1.000	1.409	0.35
	LTE B7C	QPSK20M	Rear Face	PCC:21152 SCC:21350	PCC:1 SCC:1	PCC:99 SCC:0	Ant 3	DSI 4	-	25.50	24.11	0.00	0.319	1.000	1.377	0.44
	LTE B7(Other PA)	QPSK20M	Rear Face	21100	1	50	Ant 3	DSI 4	-	25.50	23.96	-0.19	0.295	1.000	1.426	0.42
	LTE B7	QPSK20M	Front Face	21100	1	50	Ant 4	DSI 3/4	-	18.50	17.18	-0.09	0.160	1.000	1.355	**0.22**
	LTE B7	QPSK20M	Rear Face	21100	1	50	Ant 4	DSI 3/4	-	18.50	17.18	0.08	0.067	1.000	1.355	0.09
	LTE B7	QPSK20M	Front Face	21100	50	0	Ant 4	DSI 3/4	-	18.50	17.05	0.14	0.123	1.000	1.396	0.17
	LTE B7	QPSK20M	Rear Face	21100	50	0	Ant 4	DSI 3/4	-	18.50	17.05	-0.18	0.061	1.000	1.396	0.09
	LTE B7C	QPSK20M	Front Face	PCC:20850 SCC:21048	PCC:1 SCC:1	PCC:99 SCC:0	Ant 4	DSI 3/4	-	18.50	17.45	0.03	0.128	1.000	1.274	0.16
	LTE B7(Other PA)	QPSK20M	Front Face	21100	1	50	Ant 4	DSI 3/4	-	18.50	17.15	-0.08	0.131	1.000	1.365	0.18
	LTE B26 / 5	QPSK15M	Front Face	26765	1	37	Ant 0	DSI 3/4	-	25.50	25.21	-0.10	0.272	1.000	1.069	0.29
	LTE B26 / 5	QPSK15M	Rear Face	26765	1	37	Ant 0	DSI 3/4	-	25.50	25.21	-0.06	0.282	1.000	1.069	**0.30**
	LTE B26 / 5	QPSK15M	Front Face	26765	36	19	Ant 0	DSI 3/4	-	24.50	24.25	-0.17	0.256	1.000	1.059	0.27
	LTE B26 / 5	QPSK15M	Rear Face	26765	36	19	Ant 0	DSI 3/4	-	24.50	24.25	-0.12	0.259	1.000	1.059	0.27
	LTE B26 / 5	QPSK15M	Front Face	26865	1	37	Ant 1	DSI 3/4	-	22.00	21.42	0.02	0.264	1.000	1.143	0.30
	LTE B26 / 5	QPSK15M	Rear Face	26865	1	37	Ant 1	DSI 3/4	-	22.00	21.42	0.04	0.291	1.000	1.143	0.33
	LTE B26 / 5	QPSK15M	Front Face	26865	36	19	Ant 1	DSI 3/4	-	22.00	21.41	0.03	0.265	1.000	1.146	0.30
P38	LTE B26 / 5	QPSK15M	Rear Face	26865	36	19	Ant 1	DSI 3/4	-	22.00	21.41	0.05	0.328	1.000	1.146	**0.38**

Plot No.	Band	Mode	Test Position	Ch.	RB Size	RB Offset	Antenna	Power State	Duty Cycle %	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Power Drift (dB)	Measured SAR-1g (W/kg)	Duty Cycle Scaling Factor	Tune-up Scaling Factor	Scaled SAR-1g (W/kg)
	LTE B38	QPSK20M	Front Face	38000	1	0	Ant 0	DSI 4	62.9	24.50	23.78	-0.18	0.203	1.006	1.180	**0.24**
	LTE B38	QPSK20M	Rear Face	38000	1	0	Ant 0	DSI 4	62.9	24.50	23.78	0.02	0.162	1.006	1.180	0.19
	LTE B38	QPSK20M	Front Face	38000	50	0	Ant 0	DSI 4	62.9	23.50	22.84	-0.12	0.139	1.006	1.164	0.16
	LTE B38	QPSK20M	Rear Face	38000	50	0	Ant 0	DSI 4	62.9	23.50	22.84	0.17	0.128	1.006	1.164	0.15
	LTE B38C	QPSK20M	Front Face	PCC:37850 SCC:38048	PCC:1 SCC:1	PCC:99 SCC:0	Ant 0	DSI 4	62.9	24.50	23.61	-0.05	0.175	1.006	1.227	0.22
	LTE B38(Other PA)	QPSK20M	Front Face	38000	1	0	Ant 0	DSI 4	62.9	24.50	23.75	0.05	0.169	1.006	1.189	0.20
	LTE B38	QPSK20M	Front Face	38000	1	0	Ant 3	DSI 4	62.9	25.50	24.82	0.11	0.192	1.006	1.169	0.23
P39	LTE B38	QPSK20M	Rear Face	38000	1	0	Ant 3	DSI 4	62.9	25.50	24.82	-0.02	0.230	1.006	1.169	**0.27**
	LTE B38	QPSK20M	Front Face	38000	50	0	Ant 3	DSI 4	62.9	24.50	23.89	0.04	0.151	1.006	1.151	0.18
	LTE B38	QPSK20M	Rear Face	38000	50	0	Ant 3	DSI 4	62.9	24.50	23.89	0.17	0.184	1.006	1.151	0.21
	LTE B38C	QPSK20M	Rear Face	PCC:37952 SCC:38150	PCC:1 SCC:1	PCC:99 SCC:0	Ant 3	DSI 4	62.9	25.50	24.19	-0.02	0.191	1.006	1.352	0.26
	LTE B38(Other PA)	QPSK20M	Rear Face	38000	1	0	Ant 3	DSI 4	62.9	25.50	24.68	0.10	0.204	1.006	1.208	0.25
	LTE B38	QPSK20M	Front Face	38150	1	50	Ant 4	DSI 3/4	62.9	20.00	18.45	-0.18	0.097	1.006	1.429	0.14
	LTE B38	QPSK20M	Rear Face	38150	1	50	Ant 4	DSI 3/4	62.9	20.00	18.45	0.07	0.106	1.006	1.429	0.15
	LTE B38	QPSK20M	Front Face	38150	50	0	Ant 4	DSI 3/4	62.9	20.00	18.31	-0.07	0.091	1.006	1.476	0.14
	LTE B38	QPSK20M	Rear Face	38150	50	0	Ant 4	DSI 3/4	62.9	20.00	18.31	-0.04	0.114	1.006	1.476	**0.17**
	LTE B38C	QPSK20M	Rear Face	PCC:37850 SCC:38048	PCC:1 SCC:1	PCC:99 SCC:0	Ant 4	DSI 3/4	62.9	20.00	18.63	-0.09	0.098	1.006	1.371	0.14
	LTE B38(Other PA)	QPSK20M	Rear Face	38150	50	0	Ant 4	DSI 3/4	62.9	20.00	18.34	-0.09	0.075	1.006	1.466	0.11
	LTE B41	QPSK20M	Front Face	39750	1	0	Ant 0	DSI 3/4	62.9	24.00	23.39	0.08	0.171	1.006	1.151	**0.20**
	LTE B41	QPSK20M	Rear Face	39750	1	0	Ant 0	DSI 3/4	62.9	24.00	23.39	0.13	0.162	1.006	1.151	0.19
	LTE B41	QPSK20M	Front Face	39750	50	0	Ant 0	DSI 3/4	62.9	23.50	22.86	-0.11	0.157	1.006	1.159	0.18
	LTE B41	QPSK20M	Rear Face	39750	50	0	Ant 0	DSI 3/4	62.9	23.50	22.86	0.04	0.141	1.006	1.159	0.16
	LTE B41C	QPSK20M	Front Face	PCC:41292 SCC:41490	PCC:1 SCC:1	PCC:99 SCC:0	Ant 0	DSI 3/4	62.9	24.00	23.22	0.19	0.155	1.006	1.197	0.19
	LTE B41(Other PA)	QPSK20M	Front Face	39750	1	0	Ant 0	DSI 3/4	62.9	24.00	23.31	-0.10	0.143	1.006	1.172	0.17
	LTE B41 / 38	QPSK20M	Front Face	39750	1	0	Ant 2	DSI 4	62.9	25.50	24.79	-0.15	0.362	1.006	1.178	0.43
P40	LTE B41 / 38	QPSK20M	Rear Face	39750	1	0	Ant 2	DSI 4	62.9	25.50	24.79	-0.01	0.541	1.006	1.178	**0.64**
	LTE B41 / 38	QPSK20M	Front Face	39750	50	25	Ant 2	DSI 4	62.9	24.50	23.78	-0.02	0.288	1.006	1.180	0.34
	LTE B41 / 38	QPSK20M	Rear Face	39750	50	25	Ant 2	DSI 4	62.9	24.50	23.78	-0.02	0.448	1.006	1.180	0.53
	LTE B41C / 38	QPSK20M	Rear Face	PCC:39750 SCC:39948	PCC:1 SCC:1	PCC:99 SCC:0	Ant 2	DSI 4	62.9	25.50	24.64	0.14	0.458	1.006	1.219	0.56
	LTE B41 / 38(Other PA)	QPSK20M	Rear Face	39750	1	0	Ant 2	DSI 4	62.9	25.50	24.69	-0.18	0.515	1.006	1.205	0.62
	LTE B41	QPSK20M	Front Face	40185	1	0	Ant 3	DSI 4	62.9	25.50	24.87	-0.08	0.157	1.006	1.156	0.18
	LTE B41	QPSK20M	Rear Face	40185	1	0	Ant 3	DSI 4	62.9	25.50	24.87	0.06	0.201	1.006	1.156	**0.23**
	LTE B41	QPSK20M	Front Face	40185	50	0	Ant 3	DSI 4	62.9	24.50	23.82	-0.14	0.122	1.006	1.169	0.14
	LTE B41	QPSK20M	Rear Face	40185	50	0	Ant 3	DSI 4	62.9	24.50	23.82	-0.17	0.168	1.006	1.169	0.20
	LTE B41C	QPSK20M	Rear Face	PCC:40521 SCC:40719	PCC:1 SCC:1	PCC:99 SCC:0	Ant 3	DSI 4	62.9	25.50	24.58	0.07	0.177	1.006	1.236	0.22
	LTE B41(Other PA)	QPSK20M	Rear Face	40185	1	0	Ant 3	DSI 4	62.9	25.50	24.78	0.08	0.184	1.006	1.180	0.22
	LTE B41(Other PA)	QPSK20M	Front Face	39750	1	0	Ant 4	DSI 3/4	62.9	20.50	19.59	0.16	0.073	1.006	1.233	0.09
	LTE B41(Other PA)	QPSK20M	Rear Face	39750	1	0	Ant 4	DSI 3/4	62.9	20.50	19.59	0.02	0.103	1.006	1.233	**0.13**
	LTE B41(Other PA)	QPSK20M	Front Face	39750	50	0	Ant 4	DSI 3/4	62.9	20.50	19.53	-0.06	0.068	1.006	1.250	0.09
	LTE B41(Other PA)	QPSK20M	Rear Face	39750	50	0	Ant 4	DSI 3/4	62.9	20.50	19.53	0.00	0.098	1.006	1.250	0.12
	LTE B41C	QPSK20M	Rear Face	PCC:40521 SCC:40719	PCC:1 SCC:1	PCC:99 SCC:0	Ant 4	DSI 3/4	62.9	19.50	18.76	-0.01	0.091	1.006	1.186	0.11
	LTE B41	QPSK20M	Rear Face	39750	1	0	Ant 4	DSI 3/4	62.9	19.50	18.74	-0.14	0.083	1.006	1.191	0.10
	LTE B42 Part27Q	QPSK20M	Front Face	42190	1	50	Ant 1	DSI 3/4	62.9	20.50	19.94	0.09	0.123	1.006	1.138	**0.14**
	LTE B42 Part27Q	QPSK20M	Rear Face	42190	1	50	Ant 1	DSI 3/4	62.9	20.50	19.94	-0.04	0.115	1.006	1.138	0.13
	LTE B42 Part27Q	QPSK20M	Front Face	42190	50	0	Ant 1	DSI 3/4	62.9	20.50	19.89	-0.04	0.116	1.006	1.151	0.13
	LTE B42 Part27Q	QPSK20M	Rear Face	42190	50	0	Ant 1	DSI 3/4	62.9	20.50	19.89	-0.18	0.102	1.006	1.151	0.12
	LTE B42 Part27Q	QPSK20M	Front Face	42190	1	50	Ant 2	DSI 4	62.9	25.50	24.73	-0.05	0.412	1.006	1.194	0.50
P41	LTE B42 Part27Q	QPSK20M	Rear Face	42190	1	50	Ant 2	DSI 4	62.9	25.50	24.73	-0.01	0.530	1.006	1.194	**0.64**
	LTE B42 Part27Q	QPSK20M	Front Face	42190	50	25	Ant 2	DSI 4	62.9	24.50	23.87	-0.18	0.387	1.006	1.156	0.45
	LTE B42 Part27Q	QPSK20M	Rear Face	42190	50	25	Ant 2	DSI 4	62.9	24.50	23.87	0.09	0.512	1.006	1.156	0.60
	LTE B42 Part27Q	QPSK20M	Front Face	42190	1	50	Ant 3	DSI 4	62.9	24.50	24.37	0.19	0.255	1.006	1.030	0.26
	LTE B42 Part27Q	QPSK20M	Rear Face	42190	1	50	Ant 3	DSI 4	62.9	24.50	24.37	0.10	0.324	1.006	1.030	**0.34**
	LTE B42 Part27Q	QPSK20M	Front Face	42190	50	25	Ant 3	DSI 4	62.9	23.50	23.47	-0.13	0.234	1.006	1.007	0.24
	LTE B42 Part27Q	QPSK20M	Rear Face	42190	50	25	Ant 3	DSI 4	62.9	23.50	23.47	0.00	0.301	1.006	1.007	0.31
	LTE B42 Part27Q	QPSK20M	Front Face	42190	1	50	Ant 7	DSI 3/4	62.9	19.00	18.33	0.18	0.000	1.006	1.167	0.00
	LTE B42 Part27Q	QPSK20M	Rear Face	42190	1	50	Ant 7	DSI 3/4	62.9	19.00	18.33	0.19	0.179	1.006	1.167	**0.21**
	LTE B42 Part27Q	QPSK20M	Front Face	42190	50	25	Ant 7	DSI 3/4	62.9	19.00	18.28	0.04	0.000	1.006	1.180	0.00
	LTE B42 Part27Q	QPSK20M	Rear Face	42190	50	25	Ant 7	DSI 3/4	62.9	19.00	18.28	-0.15	0.175	1.006	1.180	0.21
	LTE B42 Part96	QPSK20M	Front Face	43190	1	50	Ant 1	DSI 3/4	62.9	20.50	19.76	0.18	0.121	1.006	1.186	**0.14**
	LTE B42 Part96	QPSK20M	Rear Face	43190	1	50	Ant 1	DSI 3/4	62.9	20.50	19.76	0.08	0.112	1.006	1.186	0.13
	LTE B42 Part96	QPSK20M	Front Face	43190	50	50	Ant 1	DSI 3/4	62.9	20.50	19.42	0.01	0.112	1.006	1.282	**0.14**
	LTE B42 Part96	QPSK20M	Rear Face	43190	50	50	Ant 1	DSI 3/4	62.9	20.50	19.42	-0.08	0.100	1.006	1.282	0.13
	LTE B42 Part96	QPSK20M	Front Face	43490	1	50	Ant 2	DSI 4	62.9	25.50	24.44	-0.12	0.271	1.006	1.276	0.35
	LTE B42 Part96	QPSK20M	Rear Face	43490	1	50	Ant 2	DSI 4	62.9	25.50	24.44	-0.07	0.440	1.006	1.276	**0.57**
	LTE B42 Part96	QPSK20M	Front Face	43490	50	50	Ant 2	DSI 4	62.9	24.50	23.45	0.19	0.256	1.006	1.274	0.33
	LTE B42 Part96	QPSK20M	Rear Face	43490	50	50	Ant 2	DSI 4	62.9	24.50	23.45	-0.14	0.412	1.006	1.274	0.53
	LTE B42 Part96	QPSK20M	Front Face	43190	1	50	Ant 3	DSI 4	62.9	24.50	24.18	-0.16	0.318	1.006	1.076	0.34
	LTE B42 Part96	QPSK20M	Rear Face	43190	1	50	Ant 3	DSI 4	62.9	24.50	24.18	-0.02	0.413	1.006	1.076	**0.45**
	LTE B42 Part96	QPSK20M	Front Face	43190	50	25	Ant 3	DSI 4	62.9	23.50	23.27	0.18	0.271	1.006	1.054	0.29
	LTE B42 Part96	QPSK20M	Rear Face	43190	50	25	Ant 3	DSI 4	62.9	23.50	23.27	-0.07	0.335	1.006	1.054	0.36
	LTE B42 Part96	QPSK20M	Front Face	43190	1	50	Ant 7	DSI 3/4	62.9	19.00	18.22	0.17	0.024	1.006	1.197	0.03
	LTE B42 Part96	QPSK20M	Rear Face	43190	1	50	Ant 7	DSI 3/4	62.9	19.00	18.22	-0.14	0.185	1.006	1.197	**0.22**
	LTE B42 Part96	QPSK20M	Front Face	43190	50	25	Ant 7	DSI 3/4	62.9	19.00	18.15	-0.10	0.000	1.006	1.216	0.00
	LTE B42 Part96	QPSK20M	Rear Face	43190	50	25	Ant 7	DSI 3/4	62.9	19.00	18.15	-0.18	0.182	1.006	1.216	**0.22**
	LTE B48	QPSK20M	Front Face	55340	1	0	Ant 1	DSI 3/4	62.9	21.50	20.67	0.19	0.128	1.006	1.211	0.16
	LTE B48	QPSK20M	Rear Face	55340	1	0	Ant 1	DSI 3/4	62.9	21.50	20.67	0.08	0.182	1.006	1.211	**0.22**
	LTE B48	QPSK20M	Front Face	55340	50	50	Ant 1	DSI 3/4	62.9	21.00	20.23	-0.12	0.116	1.006	1.194	0.14

Plot No.	Band	Mode	Test Position	Ch.	RB Size	RB Offset	Antenna	Power State	Duty Cycle %	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Power Drift (dB)	Measured SAR-1g (W/kg)	Duty Cycle Scaling Factor	Tune-up Scaling Factor	Scaled SAR-1g (W/kg)
	LTE B48	QPSK20M	Rear Face	55340	50	50	Ant 1	DSI 3/4	62.9	21.00	20.23	-0.19	0.165	1.006	1.194	0.20
	LTE B48	QPSK20M	Front Face	55340	1	50	Ant 2	DSI 4	62.9	24.00	22.76	-0.11	0.195	1.006	1.330	0.26
P42	LTE B48	QPSK20M	Rear Face	55340	1	50	Ant 2	DSI 4	62.9	24.00	22.76	0.00	0.358	1.006	1.330	**0.48**
	LTE B48	QPSK20M	Front Face	55340	50	25	Ant 2	DSI 4	62.9	23.00	21.93	-0.02	0.174	1.006	1.279	0.22
	LTE B48	QPSK20M	Rear Face	55340	50	25	Ant 2	DSI 4	62.9	23.00	21.93	0.00	0.280	1.006	1.279	0.36
	LTE B48	QPSK20M	Front Face	56640	1	50	Ant 3	DSI 4	62.9	23.00	22.02	0.17	0.242	1.006	1.253	0.31
	LTE B48	QPSK20M	Rear Face	56640	1	50	Ant 3	DSI 4	62.9	23.00	22.02	-0.14	0.270	1.006	1.253	**0.34**
	LTE B48	QPSK20M	Front Face	56640	50	25	Ant 3	DSI 4	62.9	22.00	21.19	-0.05	0.182	1.006	1.205	0.22
	LTE B48	QPSK20M	Rear Face	56640	50	25	Ant 3	DSI 4	62.9	22.00	21.19	0.03	0.225	1.006	1.205	0.27
	LTE B48	QPSK20M	Front Face	55340	1	50	Ant 7	DSI 3/4	62.9	19.00	18.37	0.07	0.052	1.006	1.156	0.06
	LTE B48	QPSK20M	Rear Face	55340	1	50	Ant 7	DSI 3/4	62.9	19.00	18.37	0.01	0.201	1.006	1.156	0.23
	LTE B48	QPSK20M	Front Face	55340	50	25	Ant 7	DSI 3/4	62.9	19.00	18.34	0.03	0.048	1.006	1.164	0.06
	LTE B48	QPSK20M	Rear Face	55340	50	25	Ant 7	DSI 3/4	62.9	19.00	18.34	0.17	0.203	1.006	1.164	**0.24**
	LTE B66 / 4	QPSK20M	Front Face	132322	1	50	Ant 0	DSI 3/4	-	21.50	21.43	-0.09	0.198	1.000	1.016	0.20
	LTE B66 / 4	QPSK20M	Rear Face	132322	1	50	Ant 0	DSI 3/4	-	21.50	21.43	0.10	0.223	1.000	1.016	0.23
	LTE B66 / 4	QPSK20M	Front Face	132322	50	25	Ant 0	DSI 3/4	-	21.50	21.40	0.13	0.203	1.000	1.023	0.21
	LTE B66 / 4	QPSK20M	Rear Face	132322	50	25	Ant 0	DSI 3/4	-	21.50	21.40	0.15	0.229	1.000	1.023	**0.23**
	LTE B66 / 4	QPSK20M	Front Face	132322	1	50	Ant 2	DSI 4	-	25.50	24.96	-0.11	0.490	1.000	1.132	0.56
P43	LTE B66 / 4	QPSK20M	Rear Face	132322	1	50	Ant 2	DSI 4	-	25.50	24.96	0.00	0.705	1.000	1.132	**0.80**
	LTE B66 / 4	QPSK20M	Front Face	132322	50	25	Ant 2	DSI 4	-	24.50	24.01	-0.12	0.367	1.000	1.119	0.41
	LTE B66 / 4	QPSK20M	Rear Face	132322	50	25	Ant 2	DSI 4	-	24.50	24.01	-0.12	0.544	1.000	1.119	0.61
	LTE B66 / 4	QPSK20M	Rear Face	132072	1	50	Ant 2	DSI 4	-	25.50	24.88	-0.01	0.668	1.000	1.153	0.77
	LTE B66 / 4	QPSK20M	Rear Face	132572	1	50	Ant 2	DSI 4	-	25.50	24.92	0.01	0.677	1.000	1.143	0.77
	LTE B66 / 4	QPSK20M	Rear Face	132322	100	0	Ant 2	DSI 4	-	24.50	24.05	0.00	0.662	1.000	1.109	0.73
	LTE B66	QPSK20M	Front Face	132322	1	50	Ant 3	DSI 4	-	25.50	24.83	0.03	0.545	1.000	1.167	0.64
	LTE B66	QPSK20M	Rear Face	132322	1	50	Ant 3	DSI 4	-	25.50	24.83	0.19	0.582	1.000	1.167	**0.68**
	LTE B66	QPSK20M	Front Face	132322	50	50	Ant 3	DSI 4	-	24.50	23.85	0.13	0.391	1.000	1.161	0.45
	LTE B66	QPSK20M	Rear Face	132322	50	50	Ant 3	DSI 4	-	24.50	23.85	0.06	0.430	1.000	1.161	0.50
	LTE B66 / 4	QPSK20M	Front Face	132322	1	50	Ant 4	DSI 3/4	-	21.50	20.60	0.07	0.127	1.000	1.230	0.16
	LTE B66 / 4	QPSK20M	Rear Face	132322	1	50	Ant 4	DSI 3/4	-	21.50	20.60	0.13	0.156	1.000	1.230	**0.19**
	LTE B66 / 4	QPSK20M	Front Face	132322	50	25	Ant 4	DSI 3/4	-	21.50	20.58	-0.04	0.106	1.000	1.236	0.13
	LTE B66 / 4	QPSK20M	Rear Face	132322	50	25	Ant 4	DSI 3/4	-	21.50	20.58	0.15	0.132	1.000	1.236	0.16
	FR1 n2	DFT-QPSK40M	Front Face	376000	1	1	Ant 2	DSI 4	-	25.50	23.88	0.12	0.402	1.000	1.452	0.58
P44	FR1 n2	DFT-QPSK40M	Rear Face	376000	1	1	Ant 2	DSI 4	-	25.50	23.88	0.01	0.478	1.000	1.452	**0.69**
	FR1 n2	DFT-QPSK40M	Front Face	376000	108	54	Ant 2	DSI 4	-	25.50	23.83	-0.04	0.356	1.000	1.469	0.52
	FR1 n2	DFT-QPSK40M	Rear Face	376000	108	54	Ant 2	DSI 4	-	25.50	23.83	0.17	0.471	1.000	1.469	0.69
	FR1 n2	DFT-QPSK40M	Front Face	376000	1	1	Ant 3	DSI 4	-	25.50	24.54	0.08	0.474	1.000	1.247	0.59
	FR1 n2	DFT-QPSK40M	Rear Face	376000	1	1	Ant 3	DSI 4	-	25.50	24.54	-0.15	0.542	1.000	1.247	**0.68**
	FR1 n2	DFT-QPSK40M	Front Face	376000	108	54	Ant 3	DSI 4	-	25.50	24.46	0.18	0.426	1.000	1.271	0.54
	FR1 n2	DFT-QPSK40M	Rear Face	376000	108	54	Ant 3	DSI 4	-	25.50	24.46	-0.07	0.498	1.000	1.271	0.63
	FR1 n5	DFT-QPSK25M	Front Face	167300	1	1	Ant 0	DSI 3/4	-	25.50	25.22	0.07	0.231	1.000	1.067	0.25
P45	FR1 n5	DFT-QPSK25M	Rear Face	167300	1	1	Ant 0	DSI 3/4	-	25.50	25.22	0.02	0.339	1.000	1.067	**0.36**
	FR1 n5	DFT-QPSK25M	Front Face	167300	64	35	Ant 0	DSI 3/4	-	25.50	25.07	0.05	0.206	1.000	1.104	0.23
	FR1 n5	DFT-QPSK25M	Rear Face	167300	64	35	Ant 0	DSI 3/4	-	25.50	25.07	-0.11	0.278	1.000	1.104	0.31
	FR1 n5	DFT-QPSK25M	Front Face	167300	1	1	Ant 1	DSI 3/4	-	21.50	20.65	0.19	0.239	1.000	1.216	0.29
	FR1 n5	DFT-QPSK25M	Rear Face	167300	1	1	Ant 1	DSI 3/4	-	21.50	20.65	-0.09	0.267	1.000	1.216	**0.33**
	FR1 n5	DFT-QPSK25M	Front Face	167300	64	35	Ant 1	DSI 3/4	-	21.50	20.55	0.16	0.201	1.000	1.245	0.25
	FR1 n5	DFT-QPSK25M	Rear Face	167300	64	35	Ant 1	DSI 3/4	-	21.50	20.55	0.12	0.245	1.000	1.245	0.31
	FR1 n7	DFT-QPSK50M	Front Face	507000	1	1	Ant 0	DSI 3/4	-	22.00	20.43	0.01	0.174	1.000	1.435	**0.25**
	FR1 n7	DFT-QPSK50M	Rear Face	507000	1	1	Ant 0	DSI 3/4	-	22.00	20.43	-0.03	0.165	1.000	1.435	0.24
	FR1 n7	DFT-QPSK50M	Front Face	507000	135	68	Ant 0	DSI 3/4	-	22.00	20.35	0.03	0.155	1.000	1.462	0.23
	FR1 n7	DFT-QPSK50M	Rear Face	507000	135	68	Ant 0	DSI 3/4	-	22.00	20.35	-0.01	0.155	1.000	1.462	0.23
	FR1 n7(Other Pa)	DFT-QPSK50M	Front Face	507000	1	1	Ant 0	DSI 3/4	-	22.00	20.50	0.01	0.155	1.000	1.413	0.22
	FR1 n7	DFT-QPSK50M	Front Face	505000	1	1	Ant 2	DSI 4	-	23.50	23.07	0.17	0.395	1.000	1.104	0.44
P46	FR1 n7	DFT-QPSK50M	Rear Face	505000	1	1	Ant 2	DSI 4	-	23.50	23.07	-0.10	0.658	1.000	1.104	**0.73**
	FR1 n7	DFT-QPSK50M	Front Face	505000	135	68	Ant 2	DSI 4	-	23.50	23.04	-0.09	0.355	1.000	1.112	0.40
	FR1 n7	DFT-QPSK50M	Rear Face	505000	135	68	Ant 2	DSI 4	-	23.50	23.04	0.14	0.587	1.000	1.112	0.65
	FR1 n7(Other Pa)	DFT-QPSK50M	Rear Face	505000	1	1	Ant 2	DSI 4	-	23.50	23.01	0.01	0.613	1.000	1.119	0.69
	FR1 n7	DFT-QPSK50M	Front Face	507000	1	1	Ant 3	DSI 4	-	26.00	25.36	-0.07	0.302	1.000	1.159	0.35
	FR1 n7	DFT-QPSK50M	Rear Face	507000	1	1	Ant 3	DSI 4	-	26.00	25.36	0.00	0.330	1.000	1.159	**0.38**
	FR1 n7	DFT-QPSK50M	Front Face	507000	135	68	Ant 3	DSI 4	-	26.00	25.30	0.01	0.289	1.000	1.175	0.34
	FR1 n7	DFT-QPSK50M	Rear Face	507000	135	68	Ant 3	DSI 4	-	26.00	25.30	-0.09	0.315	1.000	1.175	0.37
	FR1 n7(Other Pa)	DFT-QPSK50M	Rear Face	507000	1	1	Ant 3	DSI 4	-	26.00	25.24	0.17	0.287	1.000	1.191	0.34
	FR1 n7	DFT-QPSK50M	Front Face	507000	1	1	Ant 4	DSI 3/4	-	19.50	18.15	0.17	0.145	1.000	1.365	0.20
	FR1 n7	DFT-QPSK50M	Rear Face	507000	1	1	Ant 4	DSI 3/4	-	19.50	18.15	0.18	0.179	1.000	1.365	**0.24**
	FR1 n7	DFT-QPSK50M	Front Face	507000	135	68	Ant 4	DSI 3/4	-	19.50	18.09	-0.10	0.133	1.000	1.384	0.18
	FR1 n7	DFT-QPSK50M	Rear Face	507000	135	68	Ant 4	DSI 3/4	-	19.50	18.09	0.06	0.165	1.000	1.384	0.23
	FR1 n7(Other Pa)	DFT-QPSK50M	Rear Face	507000	1	1	Ant 4	DSI 3/4	-	18.50	17.18	-0.18	0.145	1.000	1.355	0.20
	FR1 n38	DFT-QPSK40M	Front Face	519000	1	1	Ant 3	DSI 4	100	26.00	24.97	0.19	0.317	1.000	1.268	0.40
	FR1 n38	DFT-QPSK40M	Rear Face	519000	1	1	Ant 3	DSI 4	100	26.00	24.97	0.06	0.366	1.000	1.268	0.46
	FR1 n38	DFT-QPSK40M	Front Face	519000	50	28	Ant 3	DSI 4	100	26.00	24.88	0.08	0.314	1.000	1.294	0.41
P47	FR1 n38	DFT-QPSK40M	Rear Face	519000	50	28	Ant 3	DSI 4	100	26.00	24.88	-0.01	0.364	1.000	1.294	**0.47**
	FR1 n38(Other PA)	DFT-QPSK40M	Rear Face	519000	50	28	Ant 3	DSI 4	100	26.00	24.75	0.08	0.322	1.000	1.334	0.43
	FR1 n38	DFT-QPSK40M	Front Face	518000	1	1	Ant 4	DSI 3/4	100	19.50	18.58	0.01	0.126	1.000	1.236	0.16
	FR1 n38	DFT-QPSK40M	Rear Face	518000	1	1	Ant 4	DSI 3/4	100	19.50	18.58	0.01	0.184	1.000	1.236	**0.23**
	FR1 n38	DFT-QPSK40M	Front Face	518000	50	28	Ant 4	DSI 3/4	100	19.50	18.51	0.15	0.116	1.000	1.256	0.15
	FR1 n38	DFT-QPSK40M	Rear Face	518000	50	28	Ant 4	DSI 3/4	100	19.50	18.51	-0.06	0.165	1.000	1.256	0.21
	FR1 n38(Other PA)	DFT-QPSK40M	Rear Face	518000	1	1	Ant 4	DSI 3/4	100	19.00	18.18	-0.08	0.145	1.000	1.208	0.18
	FR1 n41 / 38(Other PA)	DFT-QPSK100M	Front Face	509202	1	1	Ant 0	DSI 3/4	100	23.00	21.77	-0.11	0.128	1.000	1.327	**0.17**
	FR1 n41 / 38(Other PA)	DFT-QPSK100M	Rear Face	509202	1	1	Ant 0	DSI 3/4	100	23.00	21.77	-0.13	0.115	1.000	1.327	0.15
	FR1 n41 / 38(Other PA)	DFT-QPSK100M	Front Face	509202	135	69	Ant 0	DSI 3/4	100	23.00	21.68	0.14	0.118	1.000	1.355	0.16

Plot No.	Band	Mode	Test Position	Ch.	RB Size	RB Offset	Antenna	Power State	Duty Cycle %	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Power Drift (dB)	Measured SAR-1g (W/kg)	Duty Cycle Scaling Factor	Tune-up Scaling Factor	Scaled SAR-1g (W/kg)
	FR1 n41 / 38(Other PA)	DFT-QPSK100M	Rear Face	509202	135	69	Ant 0	DSI 3/4	100	23.00	21.68	0.11	0.114	1.000	1.355	0.15
	FR1 n41 / 38	DFT-QPSK100M	Front Face	509202	1	1	Ant 0	DSI 3/4	100	22.50	21.45	-0.09	0.101	1.000	1.274	0.13
	FR1 n41 / 38	DFT-QPSK100M	Front Face	509202	1	1	Ant 2	DSI 4	100	25.50	25.05	-0.11	0.153	1.000	1.109	0.17
	FR1 n41 / 38	DFT-QPSK100M	Rear Face	509202	1	1	Ant 2	DSI 4	100	25.50	25.05	0.18	0.246	1.000	1.109	**0.27**
	FR1 n41 / 38	DFT-QPSK100M	Front Face	509202	135	69	Ant 2	DSI 4	100	25.50	24.91	0.07	0.148	1.000	1.146	0.17
	FR1 n41 / 38	DFT-QPSK100M	Rear Face	509202	135	69	Ant 2	DSI 4	100	25.50	24.91	-0.10	0.226	1.000	1.146	0.26
	FR1 n41 / 38(Other PA)	DFT-QPSK100M	Rear Face	509202	1	1	Ant 2	DSI 4	100	25.50	24.85	-0.06	0.208	1.000	1.161	0.24
	FR1 n41	DFT-QPSK100M	Front Face	518598	1	1	Ant 3	DSI 4	100	26.00	25.35	0.19	0.234	1.000	1.161	0.27
	FR1 n41	DFT-QPSK100M	Rear Face	518598	1	1	Ant 3	DSI 4	100	26.00	25.35	0.06	0.298	1.000	1.161	0.35
	FR1 n41	DFT-QPSK100M	Front Face	518598	135	69	Ant 3	DSI 4	100	26.00	25.16	0.00	0.256	1.000	1.213	0.31
P48	FR1 n41	DFT-QPSK100M	Rear Face	518598	135	69	Ant 3	DSI 4	100	26.00	25.16	0.00	0.356	1.000	1.213	**0.43**
	FR1 n41(Other PA)	DFT-QPSK100M	Rear Face	518598	135	69	Ant 3	DSI 4	100	26.00	25.05	-0.12	0.302	1.000	1.245	0.38
	FR1 n41	DFT-QPSK100M	Front Face	509202	1	1	Ant 4	DSI 3/4	100	18.50	17.72	0.14	0.103	1.000	1.197	0.12
	FR1 n41	DFT-QPSK100M	Rear Face	509202	1	1	Ant 4	DSI 3/4	100	18.50	17.72	0.02	0.146	1.000	1.197	0.18
	FR1 n41	DFT-QPSK100M	Front Face	509202	135	69	Ant 4	DSI 3/4	100	18.50	17.64	0.00	0.112	1.000	1.219	0.14
	FR1 n41	DFT-QPSK100M	Rear Face	509202	135	69	Ant 4	DSI 3/4	100	18.50	17.64	-0.06	0.154	1.000	1.219	**0.19**
	FR1 n41(Other PA)	DFT-QPSK100M	Rear Face	509202	135	69	Ant 4	DSI 3/4	100	18.50	17.60	-0.17	0.127	1.000	1.230	0.16
	FR1 n48	DFT-QPSK40M	Front Face	638000	1	1	Ant 1	DSI 3/4	100	20.50	19.05	-0.17	0.132	1.000	1.396	**0.18**
	FR1 n48	DFT-QPSK40M	Rear Face	638000	1	1	Ant 1	DSI 3/4	100	20.50	19.05	0.03	0.131	1.000	1.396	0.18
	FR1 n48	DFT-QPSK40M	Front Face	638000	50	28	Ant 1	DSI 3/4	100	20.50	19.02	-0.01	0.113	1.000	1.406	0.16
	FR1 n48	DFT-QPSK40M	Rear Face	638000	50	28	Ant 1	DSI 3/4	100	20.50	19.02	0.03	0.106	1.000	1.406	0.15
	FR1 n48	DFT-QPSK40M	Front Face	638000	1	1	Ant 2	DSI 4	100	24.00	22.81	-0.12	0.275	1.000	1.315	0.36
	FR1 n48	DFT-QPSK40M	Rear Face	638000	1	1	Ant 2	DSI 4	100	24.00	22.81	-0.18	0.350	1.000	1.315	0.46
	FR1 n48	DFT-QPSK40M	Front Face	638000	50	28	Ant 2	DSI 4	100	24.00	22.77	0.02	0.227	1.000	1.327	0.30
	FR1 n48	DFT-QPSK40M	Rear Face	638000	50	28	Ant 2	DSI 4	100	24.00	22.77	-0.13	0.348	1.000	1.327	**0.46**
	FR1 n48	DFT-QPSK40M	Front Face	638000	1	1	Ant 3	DSI 4	100	23.50	22.01	0.01	0.330	1.000	1.409	0.47
P49	FR1 n48	DFT-QPSK40M	Rear Face	638000	1	1	Ant 3	DSI 4	100	23.50	22.01	0.05	0.331	1.000	1.409	**0.47**
	FR1 n48	DFT-QPSK40M	Front Face	638000	50	28	Ant 3	DSI 4	100	23.50	21.92	0.11	0.311	1.000	1.439	0.45
	FR1 n48	DFT-QPSK40M	Rear Face	638000	50	28	Ant 3	DSI 4	100	23.50	21.92	-0.05	0.315	1.000	1.439	0.45
	FR1 n48	DFT-QPSK40M	Front Face	641666	1	1	Ant 7	DSI 3/4	100	18.00	17.65	-0.01	0.064	1.000	1.084	0.07
	FR1 n48	DFT-QPSK40M	Rear Face	641666	1	1	Ant 7	DSI 3/4	100	18.00	17.65	-0.11	0.225	1.000	1.084	**0.24**
	FR1 n48	DFT-QPSK40M	Front Face	641666	50	28	Ant 7	DSI 3/4	100	18.00	17.59	-0.13	0.039	1.000	1.099	0.04
	FR1 n48	DFT-QPSK40M	Rear Face	641666	50	28	Ant 7	DSI 3/4	100	18.00	17.59	0.02	0.219	1.000	1.099	0.24
	FR1 n66	DFT-QPSK45M	Front Face	351500	1	1	Ant 0	DSI 3/4	-	22.00	21.25	-0.12	0.228	1.000	1.189	0.27
	FR1 n66	DFT-QPSK45M	Rear Face	351500	1	1	Ant 0	DSI 3/4	-	22.00	21.25	-0.09	0.274	1.000	1.189	**0.33**
	FR1 n66	DFT-QPSK45M	Front Face	351500	120	61	Ant 0	DSI 3/4	-	22.00	21.21	-0.01	0.227	1.000	1.199	0.27
	FR1 n66	DFT-QPSK45M	Rear Face	351500	120	61	Ant 0	DSI 3/4	-	22.00	21.21	-0.06	0.254	1.000	1.199	0.31
	FR1 n66	DFT-QPSK45M	Front Face	346500	1	1	Ant 2	DSI 4	-	25.00	23.79	-0.06	0.447	1.000	1.321	0.59
P50	FR1 n66	DFT-QPSK45M	Rear Face	346500	1	1	Ant 2	DSI 4	-	25.00	23.79	-0.12	0.569	1.000	1.321	**0.75**
	FR1 n66	DFT-QPSK45M	Front Face	346500	120	61	Ant 2	DSI 4	-	25.00	23.74	0.14	0.437	1.000	1.337	0.58
	FR1 n66	DFT-QPSK45M	Rear Face	346500	120	61	Ant 2	DSI 4	-	25.00	23.74	0.15	0.550	1.000	1.337	0.74
	FR1 n66	DFT-QPSK45M	Front Face	349000	1	1	Ant 3	DSI 4	-	25.50	24.38	0.14	0.497	1.000	1.294	**0.64**
	FR1 n66	DFT-QPSK45M	Rear Face	349000	1	1	Ant 3	DSI 4	-	25.50	24.38	-0.16	0.489	1.000	1.294	0.63
	FR1 n66	DFT-QPSK45M	Front Face	349000	120	61	Ant 3	DSI 4	-	25.50	24.29	-0.04	0.406	1.000	1.321	0.54
	FR1 n66	DFT-QPSK45M	Rear Face	349000	120	61	Ant 3	DSI 4	-	25.50	24.29	-0.12	0.398	1.000	1.321	0.53
	FR1 n66	DFT-QPSK45M	Front Face	349000	1	1	Ant 4	DSI 3/4	-	21.50	19.85	-0.03	0.059	1.000	1.462	0.09
	FR1 n66	DFT-QPSK45M	Rear Face	349000	1	1	Ant 4	DSI 3/4	-	21.50	19.85	-0.05	0.079	1.000	1.462	**0.12**
	FR1 n66	DFT-QPSK45M	Front Face	349000	120	61	Ant 4	DSI 3/4	-	21.50	19.82	0.16	0.056	1.000	1.472	0.08
	FR1 n66	DFT-QPSK45M	Rear Face	349000	120	61	Ant 4	DSI 3/4	-	21.50	19.82	-0.11	0.070	1.000	1.472	0.10
	FR1 n77	DFT-QPSK100M	Front Face	633334	1	1	Ant 1	DSI 3/4	100	17.00	15.74	0.03	0.074	1.000	1.337	0.10
	FR1 n77	DFT-QPSK100M	Rear Face	633334	1	1	Ant 1	DSI 3/4	100	17.00	15.74	0.19	0.082	1.000	1.337	**0.11**
	FR1 n77	DFT-QPSK100M	Front Face	633334	135	69	Ant 1	DSI 3/4	100	17.00	15.72	-0.01	0.065	1.000	1.343	0.09
	FR1 n77	DFT-QPSK100M	Rear Face	633334	135	69	Ant 1	DSI 3/4	100	17.00	15.72	-0.13	0.069	1.000	1.343	0.09
	PC2_FR1 n77	DFT-QPSK100M	Rear Face	633334	1	1	Ant 1	DSI 3/4	50	19.00	17.54	-0.07	0.067	1.000	1.400	0.09
	FR1 n77	DFT-QPSK100M	Front Face	656000	1	1	Ant 1	DSI 3/4	100	17.00	15.64	-0.08	0.081	1.000	1.368	0.11
	FR1 n77	DFT-QPSK100M	Rear Face	656000	1	1	Ant 1	DSI 3/4	100	17.00	15.64	0.06	0.104	1.000	1.368	**0.14**
	FR1 n77	DFT-QPSK100M	Front Face	656000	135	69	Ant 1	DSI 3/4	100	17.00	15.61	-0.03	0.048	1.000	1.377	0.07
	FR1 n77	DFT-QPSK100M	Rear Face	656000	135	69	Ant 1	DSI 3/4	100	17.00	15.61	0.05	0.054	1.000	1.377	0.07
	PC2_FR1 n77	DFT-QPSK100M	Rear Face	656000	1	1	Ant 1	DSI 3/4	50	19.00	17.75	0.00	0.047	1.000	1.334	0.06
	FR1 n77 / 78	DFT-QPSK100M	Front Face	633334	1	1	Ant 2	DSI 4	100	22.00	21.55	-0.09	0.173	1.000	1.109	0.19
	FR1 n77 / 78	DFT-QPSK100M	Rear Face	633334	1	1	Ant 2	DSI 4	100	22.00	21.55	-0.07	0.289	1.000	1.109	0.32
	FR1 n77 / 78	DFT-QPSK100M	Front Face	633334	135	69	Ant 2	DSI 4	100	22.00	21.40	-0.18	0.178	1.000	1.148	0.20
	FR1 n77 / 78	DFT-QPSK100M	Rear Face	633334	135	69	Ant 2	DSI 4	100	22.00	21.40	-0.05	0.311	1.000	1.148	**0.36**
	PC2_FR1 n77 / 78	DFT-QPSK100M	Rear Face	633334	135	69	Ant 2	DSI 4	50	24.00	23.32	-0.02	0.244	1.000	1.169	0.29
	FR1 n77	DFT-QPSK100M	Front Face	662000	1	1	Ant 2	DSI 4	100	22.00	21.42	-0.05	0.160	1.000	1.143	0.18
	FR1 n77	DFT-QPSK100M	Rear Face	662000	1	1	Ant 2	DSI 4	100	22.00	21.42	-0.03	0.306	1.000	1.143	**0.35**
	FR1 n77	DFT-QPSK100M	Front Face	662000	135	69	Ant 2	DSI 4	100	22.00	21.38	0.19	0.124	1.000	1.153	0.14
	FR1 n77	DFT-QPSK100M	Rear Face	662000	135	69	Ant 2	DSI 4	100	22.00	21.38	-0.17	0.244	1.000	1.153	0.28
	PC2_FR1 n77	DFT-QPSK100M	Rear Face	662000	1	1	Ant 2	DSI 4	50	24.00	23.36	-0.08	0.240	1.000	1.159	0.28
	FR1 n77 / 78	DFT-QPSK100M	Front Face	633334	1	1	Ant 3	DSI 4	100	23.50	22.83	-0.09	0.476	1.000	1.167	0.56
	FR1 n77 / 78	DFT-QPSK100M	Rear Face	633334	1	1	Ant 3	DSI 4	100	23.50	22.83	-0.05	0.603	1.000	1.167	0.70
	FR1 n77 / 78	DFT-QPSK100M	Front Face	633334	135	69	Ant 3	DSI 4	100	23.50	22.73	-0.03	0.434	1.000	1.194	0.52
P51	FR1 n77 / 78	DFT-QPSK100M	Rear Face	633334	135	69	Ant 3	DSI 4	100	23.50	22.73	0.01	0.600	1.000	1.194	**0.72**
	PC2_FR1 n77 / 78	DFT-QPSK100M	Rear Face	633334	1	1	Ant 3	DSI 4	50	25.50	24.85	-0.16	0.518	1.000	1.161	0.60
	FR1 n77	DFT-QPSK100M	Front Face	650000	1	1	Ant 3	DSI 4	100	23.50	22.69	0.07	0.539	1.000	1.205	0.65
	FR1 n77	DFT-QPSK100M	Rear Face	650000	1	1	Ant 3	DSI 4	100	23.50	22.69	-0.01	0.579	1.000	1.205	**0.70**
	FR1 n77	DFT-QPSK100M	Front Face	650000	135	69	Ant 3	DSI 4	100	23.50	22.63	0.06	0.459	1.000	1.222	0.56
	FR1 n77	DFT-QPSK100M	Rear Face	650000	135	69	Ant 3	DSI 4	100	23.50	22.63	0.08	0.526	1.000	1.222	0.64
	PC2_FR1 n77	DFT-QPSK100M	Rear Face	650000	1	1	Ant 3	DSI 4	50	25.50	24.25	0.00	0.507	1.000	1.334	0.68
	FR1 n77 / 78	DFT-QPSK100M	Front Face	633334	1	1	Ant 7	DSI 3/4	100	16.00	14.95	-0.08	0.056	1.000	1.274	0.07
	FR1 n77 / 78	DFT-QPSK100M	Rear Face	633334	1	1	Ant 7	DSI 3/4	100	16.00	14.95	-0.07	0.123	1.000	1.274	0.16
	FR1 n77 / 78	DFT-QPSK100M	Front Face	633334	135	69	Ant 7	DSI 3/4	100	16.00	14.92	0.03	0.056	1.000	1.282	0.07

Plot No.	Band	Mode	Test Position	Ch.	RB Size	RB Offset	Antenna	Power State	Duty Cycle %	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Power Drift (dB)	Measured SAR-1g (W/kg)	Duty Cycle Scaling Factor	Tune-up Scaling Factor	Scaled SAR-1g (W/kg)
	FR1 n77 / 78	DFT-QPSK100M	Rear Face	633334	135	69	Ant 7	DSI 3/4	100	16.00	14.92	-0.04	0.125	1.000	1.282	**0.16**
	PC2_FR1 n77 / 78	DFT-QPSK100M	Rear Face	633334	135	69	Ant 7	DSI 3/4	50	18.00	16.67	0.12	0.098	1.000	1.358	0.13
	FR1 n77	DFT-QPSK100M	Front Face	656000	1	1	Ant 7	DSI 3/4	100	16.00	15.00	-0.05	0.081	1.000	1.259	0.10
	FR1 n77	DFT-QPSK100M	Rear Face	656000	1	1	Ant 7	DSI 3/4	100	16.00	15.00	0.17	0.174	1.000	1.259	**0.22**
	FR1 n77	DFT-QPSK100M	Front Face	656000	135	69	Ant 7	DSI 3/4	100	16.00	14.97	-0.02	0.076	1.000	1.268	0.10
	FR1 n77	DFT-QPSK100M	Rear Face	656000	135	69	Ant 7	DSI 3/4	100	16.00	14.97	0.04	0.151	1.000	1.268	0.19
	PC2_FR1 n77	DFT-QPSK100M	Rear Face	656000	1	1	Ant 7	DSI 3/4	50	18.00	16.77	-0.02	0.136	1.000	1.327	0.18
	FR1 n78	DFT-QPSK100M	Front Face	633334	1	1	Ant 1	DSI 3/4	100	17.50	16.40	0.12	0.057	1.000	1.288	0.07
P52	FR1 n78	DFT-QPSK100M	Rear Face	633334	1	1	Ant 1	DSI 3/4	100	17.50	16.40	0.02	0.081	1.000	1.288	**0.10**
	FR1 n78	DFT-QPSK100M	Front Face	633334	135	69	Ant 1	DSI 3/4	100	17.50	16.37	0.02	0.044	1.000	1.297	0.06
	FR1 n78	DFT-QPSK100M	Rear Face	633334	135	69	Ant 1	DSI 3/4	100	17.50	16.37	0.06	0.074	1.000	1.297	0.10
	PC2_FR1 n78	DFT-QPSK100M	Rear Face	633334	1	1	Ant 1	DSI 3/4	50	19.50	17.94	0.19	0.059	1.000	1.432	0.08
	WLAN 2.4G	802.11ax HE20	Front Face	1	-	-	MIMO	DSI6/7	99.63	22.00	20.98	0.10	0.022	1.004	1.265	0.03
P53	WLAN 2.4G	802.11ax HE20	Rear Face	1	-	-	MIMO	DSI6/7	99.63	22.00	20.98	0.03	0.131	1.004	1.265	**0.17**
	WLAN 5G	802.11n HT20	Front Face	40	-	-	MIMO	DSI6/7	99.67	23.00	21.55	-0.15	0.088	1.003	1.398	0.12
P54	WLAN 5G	802.11n HT20	Rear Face	40	-	-	MIMO	DSI6/7	99.67	23.00	21.55	-0.13	0.192	1.003	1.398	**0.27**
	WLAN 5G	802.11ax HE20	Front Face	64	-	-	MIMO	DSI6	99.63	22.00	21.31	0.03	0.168	1.004	1.172	0.20
P55	WLAN 5G	802.11ax HE20	Rear Face	64	-	-	MIMO	DSI6	99.63	22.00	21.31	-0.13	0.276	1.004	1.172	**0.33**
	WLAN 5G	802.11ax HE20	Front Face	64	-	-	MIMO	DSI7	99.63	19.00	18.39	-0.06	0.095	1.004	1.152	0.11
	WLAN 5G	802.11ax HE20	Rear Face	64	-	-	MIMO	DSI7	99.63	19.00	18.39	-0.08	0.137	1.004	1.152	**0.16**
	WLAN 5G	802.11n HT20	Front Face	140	-	-	MIMO	DSI6	99.67	22.00	20.86	0.07	0.167	1.003	1.300	0.22
P56	WLAN 5G	802.11n HT20	Rear Face	140	-	-	MIMO	DSI6	99.67	22.00	20.86	-0.03	0.209	1.003	1.300	**0.27**
	WLAN 5G	802.11n HT20	Front Face	140	-	-	MIMO	DSI7	99.67	19.00	17.89	0.19	0.101	1.003	1.291	**0.13**
	WLAN 5G	802.11n HT20	Rear Face	140	-	-	MIMO	DSI7	99.67	19.00	17.89	-0.01	0.098	1.003	1.291	0.13
	WLAN 5G	802.11be HE20	Front Face	157	-	-	MIMO	DSI6/7	99.63	23.00	21.69	-0.19	0.221	1.004	1.352	0.30
P57	WLAN 5G	802.11be HE20	Rear Face	157	-	-	MIMO	DSI6/7	99.63	23.00	21.69	-0.02	0.235	1.004	1.352	**0.32**
P58	BT	GFSK	Front Face	0	-	-	MIMO	DSI6/7	45.96	20.00	18.84	-0.03	0.060	1.812	1.306	**0.14**
	BT	GFSK	Rear Face	0	-	-	MIMO	DSI6/7	45.96	20.00	18.84	-0.04	0.000	1.812	1.306	0.00

4.6.4 SAR Results for Hotspot Exposure Condition (Separation Distance is 1.0 cm Gap)

Plot No.	Band	Mode	Test Position	Ch.	RB Size	RB Offset	Antenna	Power State	Duty Cycle %	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Power Drift (dB)	Measured SAR-1g (W/kg)	Duty Cycle Scaling Factor	Tune-up Scaling Factor	Scaled SAR-1g (W/kg)
	GSM850	GPRS 3Tx Slot	Front Face	251	-	-	Ant 0	DSI 5	-	29.30	28.59	-0.06	0.303	1.000	1.178	0.36
	GSM850	GPRS 3Tx Slot	Rear Face	251	-	-	Ant 0	DSI 5	-	29.30	28.59	0.18	0.426	1.000	1.178	**0.50**
	GSM850	GPRS 3Tx Slot	Left Side	251	-	-	Ant 0	DSI 5	-	29.30	28.59	-0.09	0.175	1.000	1.178	0.21
	GSM850	GPRS 3Tx Slot	Right Side	251	-	-	Ant 0	DSI 5	-	29.30	28.59	0.17	0.351	1.000	1.178	0.41
	GSM850	GPRS 3Tx Slot	Bottom Side	251	-	-	Ant 0	DSI 5	-	29.30	28.59	0.12	0.252	1.000	1.178	0.30
	GSM850	GPRS 3Tx Slot	Front Face	189	-	-	Ant 1	DSI 5	-	25.30	24.47	0.13	0.316	1.000	1.211	0.38
	GSM850	GPRS 3Tx Slot	Rear Face	189	-	-	Ant 1	DSI 5	-	25.30	24.47	0.13	0.356	1.000	1.211	0.43
P59	GSM850	GPRS 3Tx Slot	Left Side	189	-	-	Ant 1	DSI 5	-	25.30	24.47	0.01	0.473	1.000	1.211	**0.57**
	GSM1900	GPRS 2Tx Slot	Front Face	661	-	-	Ant 2	DSI 5	-	24.00	23.04	0.16	0.110	1.000	1.247	0.14
	GSM1900	GPRS 2Tx Slot	Rear Face	661	-	-	Ant 2	DSI 5	-	24.00	23.04	0.12	0.140	1.000	1.247	0.18
	GSM1900	GPRS 2Tx Slot	Left Side	661	-	-	Ant 2	DSI 5	-	24.00	23.04	-0.19	0.030	1.000	1.247	0.04
P60	GSM1900	GPRS 2Tx Slot	Top Side	661	-	-	Ant 2	DSI 5	-	24.00	23.04	0.01	0.186	1.000	1.247	**0.23**
	GSM1900	GPRS 2Tx Slot	Front Face	810	-	-	Ant 3	DSI 5	-	23.50	22.92	-0.18	0.096	1.000	1.143	0.11
	GSM1900	GPRS 2Tx Slot	Rear Face	810	-	-	Ant 3	DSI 5	-	23.50	22.92	-0.01	0.099	1.000	1.143	**0.11**
	GSM1900	GPRS 2Tx Slot	Right Side	810	-	-	Ant 3	DSI 5	-	23.50	22.92	0.05	0.095	1.000	1.143	0.11
	WCDMA II	RMC 12.2K	Front Face	9262	-	-	Ant 2	DSI 5	-	18.00	17.10	-0.06	0.135	1.000	1.230	0.17
	WCDMA II	RMC 12.2K	Rear Face	9262	-	-	Ant 2	DSI 5	-	18.00	17.10	0.02	0.180	1.000	1.230	0.22
	WCDMA II	RMC 12.2K	Left Side	9262	-	-	Ant 2	DSI 5	-	18.00	17.10	-0.10	0.047	1.000	1.230	0.06
P61	WCDMA II	RMC 12.2K	Top Side	9262	-	-	Ant 2	DSI 5	-	18.00	17.10	-0.01	0.289	1.000	1.230	**0.36**
	WCDMA II	RMC 12.2K	Front Face	9400	-	-	Ant 3	DSI 5	-	17.00	16.06	-0.18	0.133	1.000	1.242	0.17
	WCDMA II	RMC 12.2K	Rear Face	9400	-	-	Ant 3	DSI 5	-	17.00	16.06	0.01	0.149	1.000	1.242	**0.19**
	WCDMA II	RMC 12.2K	Right Side	9400	-	-	Ant 3	DSI 5	-	17.00	16.06	0.14	0.127	1.000	1.242	0.16
	WCDMA IV	RMC 12.2K	Front Face	1513	-	-	Ant 0	DSI 5	-	21.00	20.49	0.11	0.274	1.000	1.125	0.31
	WCDMA IV	RMC 12.2K	Rear Face	1513	-	-	Ant 0	DSI 5	-	21.00	20.49	0.13	0.258	1.000	1.125	0.29
	WCDMA IV	RMC 12.2K	Left Side	1513	-	-	Ant 0	DSI 5	-	21.00	20.49	0.08	0.071	1.000	1.125	0.08
	WCDMA IV	RMC 12.2K	Right Side	1513	-	-	Ant 0	DSI 5	-	21.00	20.49	0.18	0.111	1.000	1.125	0.13
P62	WCDMA IV	RMC 12.2K	Bottom Side	1513	-	-	Ant 0	DSI 5	-	21.00	20.49	0.01	0.642	1.000	1.125	**0.72**
	WCDMA IV	RMC 12.2K	Front Face	1413	-	-	Ant 2	DSI 5	-	18.00	17.38	0.17	0.177	1.000	1.153	0.20
	WCDMA IV	RMC 12.2K	Rear Face	1413	-	-	Ant 2	DSI 5	-	18.00	17.38	-0.13	0.258	1.000	1.153	0.30
	WCDMA IV	RMC 12.2K	Left Side	1413	-	-	Ant 2	DSI 5	-	18.00	17.38	0.10	0.056	1.000	1.153	0.07
	WCDMA IV	RMC 12.2K	Top Side	1413	-	-	Ant 2	DSI 5	-	18.00	17.38	-0.18	0.363	1.000	1.153	**0.42**
	WCDMA IV	RMC 12.2K	Front Face	1513	-	-	Ant 3	DSI 5	-	17.00	16.31	-0.12	0.156	1.000	1.172	0.18
	WCDMA IV	RMC 12.2K	Rear Face	1513	-	-	Ant 3	DSI 5	-	17.00	16.31	0.17	0.157	1.000	1.172	0.18
	WCDMA IV	RMC 12.2K	Right Side	1513	-	-	Ant 3	DSI 5	-	17.00	16.31	-0.19	0.245	1.000	1.172	**0.29**
	WCDMA IV	RMC 12.2K	Front Face	1513	-	-	Ant 4	DSI 5	-	17.00	16.25	0.07	0.086	1.000	1.189	0.10
	WCDMA IV	RMC 12.2K	Rear Face	1513	-	-	Ant 4	DSI 5	-	17.00	16.25	0.06	0.106	1.000	1.189	0.13
	WCDMA IV	RMC 12.2K	Left Side	1513	-	-	Ant 4	DSI 5	-	17.00	16.25	-0.11	0.157	1.000	1.189	**0.19**
	WCDMA IV	RMC 12.2K	Top Side	1513	-	-	Ant 4	DSI 5	-	17.00	16.25	0.11	0.075	1.000	1.189	0.09

Plot No.	Band	Mode	Test Position	Ch.	RB Size	RB Offset	Antenna	Power State	Duty Cycle %	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Power Drift (dB)	Measured SAR-1g (W/kg)	Duty Cycle Scaling Factor	Tune-up Scaling Factor	Scaled SAR-1g (W/kg)
	WCDMA V	RMC 12.2K	Front Face	4182	-	-	Ant 0	DSI 5	-	25.00	24.58	-0.02	0.230	1.000	1.102	0.25
	WCDMA V	RMC 12.2K	Rear Face	4182	-	-	Ant 0	DSI 5	-	25.00	24.58	-0.09	0.568	1.000	1.102	0.63
	WCDMA V	RMC 12.2K	Left Side	4182	-	-	Ant 0	DSI 5	-	25.00	24.58	0.12	0.154	1.000	1.102	0.17
P63	WCDMA V	RMC 12.2K	Right Side	4182	-	-	Ant 0	DSI 5	-	25.00	24.58	-0.01	0.654	1.000	1.102	**0.72**
	WCDMA V	RMC 12.2K	Bottom Side	4182	-	-	Ant 0	DSI 5	-	25.00	24.58	0.07	0.339	1.000	1.102	0.37
	WCDMA V	RMC 12.2K	Front Face	4132	-	-	Ant 1	DSI 5	-	20.00	19.38	-0.12	0.315	1.000	1.153	0.36
	WCDMA V	RMC 12.2K	Rear Face	4132	-	-	Ant 1	DSI 5	-	20.00	19.38	-0.04	0.353	1.000	1.153	0.41
	WCDMA V	RMC 12.2K	Left Side	4132	-	-	Ant 1	DSI 5	-	20.00	19.38	-0.18	0.436	1.000	1.153	**0.50**
	LTE B2	QPSK20M	Front Face	19100	1	50	Ant 2	DSI 5	-	18.50	17.45	-0.19	0.159	1.000	1.274	0.20
	LTE B2	QPSK20M	Rear Face	19100	1	50	Ant 2	DSI 5	-	18.50	17.45	-0.11	0.195	1.000	1.274	0.25
	LTE B2	QPSK20M	Left Side	19100	1	50	Ant 2	DSI 5	-	18.50	17.45	0.08	0.048	1.000	1.274	0.06
P64	LTE B2	QPSK20M	Top Side	19100	1	50	Ant 2	DSI 5	-	18.50	17.45	0.03	0.227	1.000	1.274	**0.29**
	LTE B2	QPSK20M	Front Face	19100	50	25	Ant 2	DSI 5	-	18.50	17.44	0.16	0.126	1.000	1.276	0.16
	LTE B2	QPSK20M	Rear Face	19100	50	25	Ant 2	DSI 5	-	18.50	17.44	0.14	0.161	1.000	1.276	0.21
	LTE B2	QPSK20M	Left Side	19100	50	25	Ant 2	DSI 5	-	18.50	17.44	0.03	0.037	1.000	1.276	0.05
	LTE B2	QPSK20M	Top Side	19100	50	25	Ant 2	DSI 5	-	18.50	17.44	0.17	0.174	1.000	1.276	0.22
	EN-DC_LTE B2	QPSK20M	Top Side	19100	1	50	Ant 2	DSI 5	-	16.50	15.60	-0.12	0.157	1.000	1.230	0.19
	LTE B2	QPSK20M	Front Face	18700	1	50	Ant 3	DSI 5	-	17.50	16.55	0.08	0.155	1.000	1.245	**0.19**
	LTE B2	QPSK20M	Rear Face	18700	1	50	Ant 3	DSI 5	-	17.50	16.55	0.13	0.146	1.000	1.245	0.18
	LTE B2	QPSK20M	Right Side	18700	1	50	Ant 3	DSI 5	-	17.50	16.55	-0.04	0.124	1.000	1.245	0.15
	LTE B2	QPSK20M	Front Face	18700	50	25	Ant 3	DSI 5	-	17.50	16.51	0.06	0.120	1.000	1.256	0.15
	LTE B2	QPSK20M	Rear Face	18700	50	25	Ant 3	DSI 5	-	17.50	16.51	0.05	0.116	1.000	1.256	0.15
	LTE B2	QPSK20M	Right Side	18700	50	25	Ant 3	DSI 5	-	17.50	16.51	-0.17	0.099	1.000	1.256	0.12
	LTE B4	QPSK20M	Front Face	20050	1	50	Ant 3	DSI 5	-	17.00	16.33	0.19	0.136	1.000	1.167	0.16
	LTE B4	QPSK20M	Rear Face	20050	1	50	Ant 3	DSI 5	-	17.00	16.33	0.12	0.137	1.000	1.167	0.16
	LTE B4	QPSK20M	Right Side	20050	1	50	Ant 3	DSI 5	-	17.00	16.33	0.17	0.197	1.000	1.167	0.23
	LTE B4	QPSK20M	Front Face	20050	50	50	Ant 3	DSI 5	-	17.00	16.31	-0.08	0.141	1.000	1.172	0.17
	LTE B4	QPSK20M	Rear Face	20050	50	50	Ant 3	DSI 5	-	17.00	16.31	-0.13	0.132	1.000	1.172	0.16
	LTE B4	QPSK20M	Right Side	20050	50	50	Ant 3	DSI 5	-	17.00	16.31	0.04	0.209	1.000	1.172	**0.25**
	LTE B4	QPSK20M	Front Face	20175	1	50	Ant 4	DSI 5	-	18.00	17.15	-0.04	0.115	1.000	1.216	0.14
	LTE B4	QPSK20M	Rear Face	20175	1	50	Ant 4	DSI 5	-	18.00	17.15	0.10	0.131	1.000	1.216	0.16
P65	LTE B4	QPSK20M	Left Side	20175	1	50	Ant 4	DSI 5	-	18.00	17.15	-0.02	0.218	1.000	1.216	**0.27**
	LTE B4	QPSK20M	Top Side	20175	1	50	Ant 4	DSI 5	-	18.00	17.15	0.03	0.069	1.000	1.216	0.08
	LTE B4	QPSK20M	Front Face	20175	50	50	Ant 4	DSI 5	-	18.00	17.14	-0.19	0.113	1.000	1.219	0.14
	LTE B4	QPSK20M	Rear Face	20175	50	50	Ant 4	DSI 5	-	18.00	17.14	0.08	0.129	1.000	1.219	0.16
	LTE B4	QPSK20M	Left Side	20175	50	50	Ant 4	DSI 5	-	18.00	17.14	0.14	0.204	1.000	1.219	0.25
	LTE B4	QPSK20M	Top Side	20175	50	50	Ant 4	DSI 5	-	18.00	17.14	0.18	0.072	1.000	1.219	0.09
	LTE B5	QPSK10M	Front Face	20450	1	24	Ant 1	DSI 5	-	21.00	19.95	-0.09	0.356	1.000	1.274	0.45
	LTE B5	QPSK10M	Rear Face	20450	1	24	Ant 1	DSI 5	-	21.00	19.95	-0.15	0.404	1.000	1.274	0.51
	LTE B5	QPSK10M	Left Side	20450	1	24	Ant 1	DSI 5	-	21.00	19.95	-0.17	0.445	1.000	1.274	0.57
	LTE B5	QPSK10M	Front Face	20450	25	12	Ant 1	DSI 5	-	21.00	19.90	-0.17	0.370	1.000	1.288	0.48
	LTE B5	QPSK10M	Rear Face	20450	25	12	Ant 1	DSI 5	-	21.00	19.90	-0.01	0.410	1.000	1.288	0.53
P66	LTE B5	QPSK10M	Left Side	20450	25	12	Ant 1	DSI 5	-	21.00	19.90	0.00	0.562	1.000	1.288	**0.72**
	LTE B5(Other PA)	QPSK10M	Left Side	20450	25	12	Ant 1	DSI 5	-	20.50	19.50	-0.10	0.522	1.000	1.259	0.66
	LTE B7(Other PA)	QPSK20M	Front Face	21350	1	0	Ant 0	DSI 5	-	21.50	21.19	-0.05	0.466	1.000	1.074	0.50
	LTE B7(Other PA)	QPSK20M	Rear Face	21350	1	0	Ant 0	DSI 5	-	21.50	21.19	0.16	0.455	1.000	1.074	0.49
	LTE B7(Other PA)	QPSK20M	Left Side	21350	1	0	Ant 0	DSI 5	-	21.50	21.19	-0.12	0.088	1.000	1.074	0.10
	LTE B7(Other PA)	QPSK20M	Right Side	21350	1	0	Ant 0	DSI 5	-	21.50	21.19	-0.02	0.110	1.000	1.074	0.12
P67	LTE B7(Other PA)	QPSK20M	Bottom Side	21350	1	0	Ant 0	DSI 5	-	21.50	21.19	-0.01	0.580	1.000	1.074	0.62
	LTE B7(Other PA)	QPSK20M	Front Face	21350	50	0	Ant 0	DSI 5	-	21.50	21.17	-0.06	0.392	1.000	1.079	0.42
	LTE B7(Other PA)	QPSK20M	Rear Face	21350	50	0	Ant 0	DSI 5	-	21.50	21.17	0.10	0.405	1.000	1.079	0.44
	LTE B7(Other PA)	QPSK20M	Left Side	21350	50	0	Ant 0	DSI 5	-	21.50	21.17	-0.03	0.085	1.000	1.079	0.09
	LTE B7(Other PA)	QPSK20M	Right Side	21350	50	0	Ant 0	DSI 5	-	21.50	21.17	0.04	0.101	1.000	1.079	0.11
	LTE B7(Other PA)	QPSK20M	Bottom Side	21350	50	0	Ant 0	DSI 5	-	21.50	21.17	-0.01	0.566	1.000	1.079	0.61
	LTE B7C	QPSK20M	Bottom Side	PCC:20850 SCC:21048	PCC:1 SCC:1	PCC:99 SCC:0	Ant 0	DSI 5	-	21.00	20.08	-0.08	0.516	1.000	1.236	**0.64**
	LTE B7	QPSK20M	Bottom Side	21350	1	0	Ant 0	DSI 5	-	21.00	20.86	-0.08	0.531	1.000	1.033	0.55
	LTE B7	QPSK20M	Front Face	21100	1	0	Ant 2	DSI 5	-	16.00	15.26	-0.02	0.143	1.000	1.186	0.17
	LTE B7	QPSK20M	Rear Face	21100	1	0	Ant 2	DSI 5	-	16.00	15.26	-0.16	0.210	1.000	1.186	0.25
	LTE B7	QPSK20M	Left Side	21100	1	0	Ant 2	DSI 5	-	16.00	15.26	0.15	0.086	1.000	1.186	0.10
	LTE B7	QPSK20M	Top Side	21100	1	0	Ant 2	DSI 5	-	16.00	15.26	-0.03	0.340	1.000	1.186	**0.40**
	LTE B7	QPSK20M	Front Face	21100	50	0	Ant 2	DSI 5	-	16.00	15.17	-0.07	0.110	1.000	1.211	0.13
	LTE B7	QPSK20M	Rear Face	21100	50	0	Ant 2	DSI 5	-	16.00	15.17	0.04	0.168	1.000	1.211	0.20
	LTE B7	QPSK20M	Left Side	21100	50	0	Ant 2	DSI 5	-	16.00	15.17	0.14	0.063	1.000	1.211	0.08
	LTE B7	QPSK20M	Top Side	21100	50	0	Ant 2	DSI 5	-	16.00	15.17	0.03	0.266	1.000	1.211	0.32
	LTE B7C	QPSK20M	Top Side	PCC:21152 SCC:21350	PCC:1 SCC:1	PCC:99 SCC:0	Ant 2	DSI 5	-	16.00	15.13	0.03	0.312	1.000	1.222	0.38
	LTE B7(Other PA)	QPSK20M	Top Side	21100	1	0	Ant 2	DSI 5	-	16.00	15.18	0.16	0.297	1.000	1.208	0.36
	LTE B7	QPSK20M	Front Face	21100	1	50	Ant 3	DSI 5	-	18.50	17.19	0.11	0.141	1.000	1.352	0.19
	LTE B7	QPSK20M	Rear Face	21100	1	50	Ant 3	DSI 5	-	18.50	17.19	-0.07	0.153	1.000	1.352	0.21
	LTE B7	QPSK20M	Right Side	21100	1	50	Ant 3	DSI 5	-	18.50	17.19	-0.09	0.239	1.000	1.352	**0.32**
	LTE B7	QPSK20M	Front Face	21100	50	0	Ant 3	DSI 5	-	18.50	17.19	0.18	0.117	1.000	1.352	0.16
	LTE B7	QPSK20M	Rear Face	21100	50	0	Ant 3	DSI 5	-	18.50	17.15	-0.11	0.131	1.000	1.365	0.18
	LTE B7	QPSK20M	Right Side	21100	50	0	Ant 3	DSI 5	-	18.50	17.15	-0.17	0.204	1.000	1.365	0.28
	LTE B7C	QPSK20M	Right Side	PCC:20850 SCC:21048	PCC:1 SCC:1	PCC:99 SCC:0	Ant 3	DSI 5	-	18.50	17.35	0.07	0.208	1.000	1.303	0.27
	LTE B7(Other PA)	QPSK20M	Right Side	21100	1	50	Ant 3	DSI 5	-	18.50	17.27	-0.09	0.214	1.000	1.327	0.28
	LTE B7	QPSK20M	Front Face	21100	1	50	Ant 4	DSI 5	-	15.00	13.61	0.13	0.127	1.000	1.377	0.18
	LTE B7	QPSK20M	Rear Face	21100	1	50	Ant 4	DSI 5	-	15.00	13.61	0.00	0.172	1.000	1.377	0.24
	LTE B7	QPSK20M	Left Side	21100	1	50	Ant 4	DSI 5	-	15.00	13.61	-0.13	0.249	1.000	1.377	**0.34**
	LTE B7	QPSK20M	Top Side	21100	1	50	Ant 4	DSI 5	-	15.00	13.61	-0.02	0.036	1.000	1.377	0.05
	LTE B7	QPSK20M	Front Face	21100	50	0	Ant 4	DSI 5	-	15.00	13.53	0.10	0.104	1.000	1.403	0.15
	LTE B7	QPSK20M	Rear Face	21100	50	0	Ant 4	DSI 5	-	15.00	13.53	0.03	0.135	1.000	1.403	0.19
	LTE B7	QPSK20M	Left Side	21100	50	0	Ant 4	DSI 5	-	15.00	13.53	0.02	0.221	1.000	1.403	0.31
	LTE B7	QPSK20M	Top Side	21100	50	0	Ant 4	DSI 5	-	15.00	13.53	0.17	0.029	1.000	1.403	0.04
	LTE B7C	QPSK20M	Left Side	PCC:21152 SCC:21350	PCC:1 SCC:1	PCC:99 SCC:0	Ant 4	DSI 5	-	15.00	14.16	-0.02	0.224	1.000	1.213	0.27
	LTE B7(Other PA)	QPSK20M	Left Side	21100	1	50	Ant 4	DSI 5	-	15.00	13.65	0.05	0.205	1.000	1.365	0.28
	EN-DC&DSDA_LTE B7	QPSK20M	Left Side	21100	1	50	Ant 4	DSI 5	-	13.50	12.19	-0.19	0.138	1.000	1.352	0.19

Plot No.	Band	Mode	Test Position	Ch.	RB Size	RB Offset	Antenna	Power State	Duty Cycle %	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Power Drift (dB)	Measured SAR-1g (W/kg)	Duty Cycle Scaling Factor	Tune-up Scaling Factor	Scaled SAR-1g (W/kg)
	LTE B26 / 5	QPSK15M	Front Face	26765	1	37	Ant 0	DSI 5	-	25.50	25.21	-0.18	0.435	1.000	1.069	0.47
P68	LTE B26 / 5	QPSK15M	Rear Face	26765	1	37	Ant 0	DSI 5	-	25.50	25.21	0.02	0.585	1.000	1.069	**0.63**
	LTE B26 / 5	QPSK15M	Left Side	26765	1	37	Ant 0	DSI 5	-	25.50	25.21	0.15	0.109	1.000	1.069	0.12
	LTE B26 / 5	QPSK15M	Right Side	26765	1	37	Ant 0	DSI 5	-	25.50	25.21	-0.06	0.578	1.000	1.069	0.62
	LTE B26 / 5	QPSK15M	Bottom Side	26765	1	37	Ant 0	DSI 5	-	25.50	25.21	-0.14	0.164	1.000	1.069	0.18
	LTE B26 / 5	QPSK15M	Front Face	26765	36	19	Ant 0	DSI 5	-	24.50	24.25	-0.08	0.353	1.000	1.059	0.37
	LTE B26 / 5	QPSK15M	Rear Face	26765	36	19	Ant 0	DSI 5	-	24.50	24.25	0.02	0.479	1.000	1.059	0.51
	LTE B26 / 5	QPSK15M	Left Side	26765	36	19	Ant 0	DSI 5	-	24.50	24.25	0.04	0.093	1.000	1.059	0.10
	LTE B26 / 5	QPSK15M	Right Side	26765	36	19	Ant 0	DSI 5	-	24.50	24.25	0.19	0.329	1.000	1.059	0.35
	LTE B26 / 5	QPSK15M	Bottom Side	26765	36	19	Ant 0	DSI 5	-	24.50	24.25	-0.06	0.137	1.000	1.059	0.15
	DSDA_LTE B5	QPSK10M	Right Side	20525	1	24	Ant0	DSI 5	-	24.50	23.73	0.04	0.405	1.000	1.194	0.48
	LTE B26	QPSK15M	Front Face	26865	1	37	Ant 1	DSI 5	-	20.50	19.92	0.06	0.333	1.000	1.143	0.38
	LTE B26	QPSK15M	Rear Face	26865	1	37	Ant 1	DSI 5	-	20.50	19.92	0.11	0.375	1.000	1.143	0.43
	LTE B26	QPSK15M	Left Side	26865	1	37	Ant 1	DSI 5	-	20.50	19.92	-0.08	0.463	1.000	1.143	**0.53**
	LTE B26	QPSK15M	Front Face	26865	36	19	Ant 1	DSI 5	-	20.50	19.66	0.03	0.272	1.000	1.213	0.33
	LTE B26	QPSK15M	Rear Face	26865	36	19	Ant 1	DSI 5	-	20.50	19.66	0.03	0.299	1.000	1.213	0.36
	LTE B26	QPSK15M	Left Side	26865	36	19	Ant 1	DSI 5	-	20.50	19.66	-0.13	0.375	1.000	1.213	0.46
	LTE B38	QPSK20M	Front Face	38000	1	0	Ant 0	DSI 5	62.9	24.50	23.78	0.17	0.300	1.006	1.180	0.36
	LTE B38	QPSK20M	Rear Face	38000	1	0	Ant 0	DSI 5	62.9	24.50	23.78	0.07	0.278	1.006	1.180	0.33
	LTE B38	QPSK20M	Left Side	38000	1	0	Ant 0	DSI 5	62.9	24.50	23.78	-0.09	0.044	1.006	1.180	0.05
	LTE B38	QPSK20M	Right Side	38000	1	0	Ant 0	DSI 5	62.9	24.50	23.78	0.02	0.037	1.006	1.180	0.04
P69	LTE B38	QPSK20M	Bottom Side	38000	1	0	Ant 0	DSI 5	62.9	24.50	23.78	-0.04	0.310	1.006	1.180	**0.37**
	LTE B38	QPSK20M	Front Face	38000	50	0	Ant 0	DSI 5	62.9	23.50	22.84	-0.18	0.277	1.006	1.164	0.32
	LTE B38	QPSK20M	Rear Face	38000	50	0	Ant 0	DSI 5	62.9	23.50	22.84	0.12	0.223	1.006	1.164	0.26
	LTE B38	QPSK20M	Left Side	38000	50	0	Ant 0	DSI 5	62.9	23.50	22.84	-0.09	0.000	1.006	1.164	0.00
	LTE B38	QPSK20M	Right Side	38000	50	0	Ant 0	DSI 5	62.9	23.50	22.84	-0.16	0.000	1.006	1.164	0.00
	LTE B38	QPSK20M	Bottom Side	38000	50	0	Ant 0	DSI 5	62.9	23.50	22.84	0.17	0.300	1.006	1.164	0.35
	LTE B38C	QPSK20M	Bottom Side	PCC:37850 SCC:38048	PCC:1 SCC:1	PCC:99 SCC:0	Ant 0	DSI 5	62.9	24.50	23.61	-0.05	0.255	1.006	1.227	0.32
	LTE B38(Other Pa)	QPSK20M	Bottom Side	38000	1	0	Ant 0	DSI 5	62.9	24.50	23.75	0.02	0.269	1.006	1.189	0.32
	LTE B38	QPSK20M	Front Face	38000	1	50	Ant 2	DSI 5	62.9	19.00	18.30	0.03	0.125	1.006	1.175	0.15
	LTE B38	QPSK20M	Rear Face	38000	1	50	Ant 2	DSI 5	62.9	19.00	18.30	-0.06	0.186	1.006	1.175	0.22
	LTE B38	QPSK20M	Left Side	38000	1	50	Ant 2	DSI 5	62.9	19.00	18.30	0.06	0.080	1.006	1.175	0.10
	LTE B38	QPSK20M	Top Side	38000	1	50	Ant 2	DSI 5	62.9	19.00	18.30	-0.08	0.300	1.006	1.175	**0.36**
	LTE B38	QPSK20M	Front Face	38000	50	25	Ant 2	DSI 5	62.9	19.00	18.15	0.09	0.121	1.006	1.216	0.15
	LTE B38	QPSK20M	Rear Face	38000	50	25	Ant 2	DSI 5	62.9	19.00	18.15	-0.05	0.180	1.006	1.216	0.22
	LTE B38	QPSK20M	Left Side	38000	50	25	Ant 2	DSI 5	62.9	19.00	18.15	0.00	0.065	1.006	1.216	0.08
	LTE B38	QPSK20M	Top Side	38000	50	25	Ant 2	DSI 5	62.9	19.00	18.15	-0.19	0.287	1.006	1.216	0.35
	LTE B38C	QPSK20M	Top Side	PCC:37901 SCC:38099	PCC:1 SCC:1	PCC:99 SCC:0	Ant 2	DSI 5	62.9	19.00	17.54	-0.16	0.229	1.006	1.400	0.32
	LTE B38(Other Pa)	QPSK20M	Top Side	38000	1	50	Ant 2	DSI 5	62.9	19.00	17.89	-0.04	0.253	1.006	1.291	0.33
	LTE B41	QPSK20M	Front Face	39750	1	0	Ant 0	DSI 5	62.9	24.00	23.39	0.14	0.322	1.006	1.151	0.37
	LTE B41	QPSK20M	Rear Face	39750	1	0	Ant 0	DSI 5	62.9	24.00	23.39	-0.12	0.326	1.006	1.151	0.38
	LTE B41	QPSK20M	Left Side	39750	1	0	Ant 0	DSI 5	62.9	24.00	23.39	0.00	0.065	1.006	1.151	0.08
	LTE B41	QPSK20M	Right Side	39750	1	0	Ant 0	DSI 5	62.9	24.00	23.39	0.06	0.090	1.006	1.151	0.10
P70	LTE B41	QPSK20M	Bottom Side	39750	1	0	Ant 0	DSI 5	62.9	24.00	23.39	-0.01	0.476	1.006	1.151	**0.55**
	LTE B41	QPSK20M	Front Face	39750	50	0	Ant 0	DSI 5	62.9	23.50	22.86	0.09	0.241	1.006	1.159	0.28
	LTE B41	QPSK20M	Rear Face	39750	50	0	Ant 0	DSI 5	62.9	23.50	22.86	-0.06	0.247	1.006	1.159	0.29
	LTE B41	QPSK20M	Left Side	39750	50	0	Ant 0	DSI 5	62.9	23.50	22.86	0.17	0.057	1.006	1.159	0.07
	LTE B41	QPSK20M	Right Side	39750	50	0	Ant 0	DSI 5	62.9	23.50	22.86	-0.11	0.070	1.006	1.159	0.08
	LTE B41	QPSK20M	Bottom Side	39750	50	0	Ant 0	DSI 5	62.9	23.50	22.86	-0.08	0.357	1.006	1.159	0.42
	LTE B41C	QPSK20M	Bottom Side	PCC:41292 SCC:41490	PCC:1 SCC:1	PCC:99 SCC:0	Ant 0	DSI 5	62.9	24.00	23.22	-0.14	0.438	1.006	1.197	0.53
	LTE B41(Other Pa)	QPSK20M	Bottom Side	39750	1	0	Ant 0	DSI 5	62.9	24.00	23.31	0.09	0.415	1.006	1.172	0.49
	LTE B41	QPSK20M	Front Face	39750	1	0	Ant 2	DSI 5	62.9	18.00	17.39	-0.10	0.146	1.006	1.151	0.17
	LTE B41	QPSK20M	Rear Face	39750	1	0	Ant 2	DSI 5	62.9	18.00	17.39	0.05	0.226	1.006	1.151	0.26
	LTE B41	QPSK20M	Left Side	39750	1	0	Ant 2	DSI 5	62.9	18.00	17.39	-0.06	0.120	1.006	1.151	0.14
	LTE B41	QPSK20M	Top Side	39750	1	0	Ant 2	DSI 5	62.9	18.00	17.39	0.03	0.310	1.006	1.151	**0.36**
	LTE B41	QPSK20M	Front Face	39750	50	25	Ant 2	DSI 5	62.9	18.00	17.32	0.19	0.118	1.006	1.169	0.14
	LTE B41	QPSK20M	Rear Face	39750	50	25	Ant 2	DSI 5	62.9	18.00	17.32	-0.13	0.189	1.006	1.169	0.22
	LTE B41	QPSK20M	Left Side	39750	50	25	Ant 2	DSI 5	62.9	18.00	17.32	0.03	0.084	1.006	1.169	0.10
	LTE B41	QPSK20M	Top Side	39750	50	25	Ant 2	DSI 5	62.9	18.00	17.32	0.00	0.267	1.006	1.169	0.31
	LTE B41C	QPSK20M	Top Side	PCC:39750 SCC:39948	PCC:1 SCC:1	PCC:99 SCC:0	Ant 2	DSI 5	62.9	18.00	17.23	-0.08	0.265	1.006	1.194	0.32
	LTE B41(Other Pa)	QPSK20M	Top Side	39750	1	0	Ant 2	DSI 5	62.9	18.00	17.35	-0.18	0.244	1.006	1.161	0.29
	LTE B41 / 38	QPSK20M	Front Face	40185	1	0	Ant 3	DSI 5	62.9	22.00	20.97	-0.09	0.101	1.006	1.268	0.13
	LTE B41 / 38	QPSK20M	Rear Face	40185	1	0	Ant 3	DSI 5	62.9	22.00	20.97	-0.11	0.180	1.006	1.268	0.23
	LTE B41 / 38	QPSK20M	Right Side	40185	1	0	Ant 3	DSI 5	62.9	22.00	20.97	-0.08	0.301	1.006	1.268	**0.38**
	LTE B41 / 38	QPSK20M	Front Face	40185	50	0	Ant 3	DSI 5	62.9	22.00	20.81	0.01	0.125	1.006	1.315	0.17
	LTE B41 / 38	QPSK20M	Rear Face	40185	50	0	Ant 3	DSI 5	62.9	22.00	20.81	0.15	0.150	1.006	1.315	0.20
	LTE B41 / 38	QPSK20M	Right Side	40185	50	0	Ant 3	DSI 5	62.9	22.00	20.81	-0.06	0.243	1.006	1.315	0.32
	LTE B41C / 38C	QPSK20M	Right Side	PCC:39750 SCC:39948	PCC:1 SCC:1	PCC:99 SCC:0	Ant 3	DSI 5	62.9	22.00	21.13	-0.06	0.258	1.006	1.222	0.32
	LTE B41 / 38(Other Pa)	QPSK20M	Right Side	40185	1	0	Ant 3	DSI 5	62.9	22.00	20.88	0.10	0.266	1.006	1.294	0.35
	LTE B41 / 38(Other Pa)	QPSK20M	Front Face	39750	1	0	Ant 4	DSI 5	62.9	19.00	18.32	-0.08	0.157	1.006	1.169	0.19
	LTE B41 / 38(Other Pa)	QPSK20M	Rear Face	39750	1	0	Ant 4	DSI 5	62.9	19.00	18.32	0.02	0.218	1.006	1.169	0.26
	LTE B41 / 38(Other Pa)	QPSK20M	Left Side	39750	1	0	Ant 4	DSI 5	62.9	19.00	18.32	-0.05	0.344	1.006	1.169	**0.41**
	LTE B41 / 38(Other Pa)	QPSK20M	Top Side	39750	1	0	Ant 4	DSI 5	62.9	19.00	18.32	-0.05	0.045	1.006	1.169	0.05
	LTE B41 / 38(Other Pa)	QPSK20M	Front Face	39750	50	0	Ant 4	DSI 5	62.9	19.00	18.22	-0.09	0.127	1.006	1.197	0.15
	LTE B41 / 38(Other Pa)	QPSK20M	Rear Face	39750	50	0	Ant 4	DSI 5	62.9	19.00	18.22	-0.14	0.182	1.006	1.197	0.22
	LTE B41 / 38(Other Pa)	QPSK20M	Left Side	39750	50	0	Ant 4	DSI 5	62.9	19.00	18.22	-0.13	0.258	1.006	1.197	0.31
	LTE B41 / 38(Other Pa)	QPSK20M	Top Side	39750	50	0	Ant 4	DSI 5	62.9	19.00	18.22	0.05	0.039	1.006	1.197	0.05
	LTE B41C / 38C	QPSK20M	Left Side	PCC:40521 SCC:40719	PCC:1 SCC:1	PCC:99 SCC:0	Ant 4	DSI 5	62.9	18.00	17.28	0.15	0.303	1.006	1.180	0.36
	LTE B41 / 38	QPSK20M	Left Side	39750	1	0	Ant 4	DSI 5	62.9	18.00	17.37	0.12	0.285	1.006	1.156	0.33
	EN-DC&DSDA_LTE B41 / 38(Other PA)	QPSK20M	Left Side	39750	1	0	Ant 4	DSI 5	62.9	17.50	16.86	-0.11	0.272	1.006	1.159	0.32
	LTE B42 Part27Q	QPSK20M	Front Face	42190	1	50	Ant 1	DSI 5	62.9	17.00	16.38	-0.17	0.107	1.006	1.153	0.12
	LTE B42 Part27Q	QPSK20M	Rear Face	42190	1	50	Ant 1	DSI 5	62.9	17.00	16.38	-0.07	0.115	1.006	1.153	0.13
	LTE B42 Part27Q	QPSK20M	Left Side	42190	1	50	Ant 1	DSI 5	62.9	17.00	16.38	0.14	0.209	1.006	1.153	**0.24**
	LTE B42 Part27Q	QPSK20M	Front Face	42190	50	0	Ant 1	DSI 5	62.9	17.00	16.29	0.07	0.083	1.006	1.178	0.10

Plot No.	Band	Mode	Test Position	Ch.	RB Size	RB Offset	Antenna	Power State	Duty Cycle %	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Power Drift (dB)	Measured SAR-1g (W/kg)	Duty Cycle Scaling Factor	Tune-up Scaling Factor	Scaled SAR-1g (W/kg)
	LTE B42 Part27Q	QPSK20M	Rear Face	42190	50	0	Ant 1	DSI 5	62.9	17.00	16.29	0.12	0.096	1.006	1.178	0.11
	LTE B42 Part27Q	QPSK20M	Left Side	42190	50	0	Ant 1	DSI 5	62.9	17.00	16.29	0.04	0.165	1.006	1.178	0.20
	LTE B42 Part27Q	QPSK20M	Front Face	42190	1	50	Ant 2	DSI 5	62.9	15.50	14.89	0.07	0.074	1.006	1.151	0.09
	LTE B42 Part27Q	QPSK20M	Rear Face	42190	1	50	Ant 2	DSI 5	62.9	15.50	14.89	-0.05	0.124	1.006	1.151	0.14
	LTE B42 Part27Q	QPSK20M	Left Side	42190	1	50	Ant 2	DSI 5	62.9	15.50	14.89	0.02	0.035	1.006	1.151	0.04
	LTE B42 Part27Q	QPSK20M	Top Side	42190	1	50	Ant 2	DSI 5	62.9	15.50	14.89	-0.07	0.137	1.006	1.151	**0.16**
	LTE B42 Part27Q	QPSK20M	Front Face	42190	50	25	Ant 2	DSI 5	62.9	15.50	14.85	-0.04	0.061	1.006	1.161	0.07
	LTE B42 Part27Q	QPSK20M	Rear Face	42190	50	25	Ant 2	DSI 5	62.9	15.50	14.85	-0.14	0.102	1.006	1.161	0.12
	LTE B42 Part27Q	QPSK20M	Left Side	42190	50	25	Ant 2	DSI 5	62.9	15.50	14.85	0.10	0.028	1.006	1.161	0.03
	LTE B42 Part27Q	QPSK20M	Top Side	42190	50	25	Ant 2	DSI 5	62.9	15.50	14.85	-0.03	0.121	1.006	1.161	0.14
	LTE B42 Part27Q	QPSK20M	Front Face	42190	1	50	Ant 3	DSI 5	62.9	20.00	19.03	0.13	0.146	1.006	1.250	0.18
	LTE B42 Part27Q	QPSK20M	Rear Face	42190	1	50	Ant 3	DSI 5	62.9	20.00	19.03	-0.04	0.200	1.006	1.250	0.25
	LTE B42 Part27Q	QPSK20M	Right Side	42190	1	50	Ant 3	DSI 5	62.9	20.00	19.03	0.02	0.316	1.006	1.250	**0.40**
	LTE B42 Part27Q	QPSK20M	Front Face	42190	50	25	Ant 3	DSI 5	62.9	20.00	19.02	0.09	0.119	1.006	1.253	0.15
	LTE B42 Part27Q	QPSK20M	Rear Face	42190	50	25	Ant 3	DSI 5	62.9	20.00	19.02	0.02	0.149	1.006	1.253	0.19
	LTE B42 Part27Q	QPSK20M	Right Side	42190	50	25	Ant 3	DSI 5	62.9	20.00	19.02	-0.19	0.266	1.006	1.253	0.34
	LTE B42 Part27Q	QPSK20M	Front Face	42190	1	50	Ant 7	DSI 5	62.9	19.00	18.33	0.02	0.108	1.006	1.167	0.13
	LTE B42 Part27Q	QPSK20M	Rear Face	42190	1	50	Ant 7	DSI 5	62.9	19.00	18.33	-0.01	0.470	1.006	1.167	**0.55**
	LTE B42 Part27Q	QPSK20M	Left Side	42190	1	50	Ant 7	DSI 5	62.9	19.00	18.33	0.08	0.216	1.006	1.167	0.25
	LTE B42 Part27Q	QPSK20M	Top Side	42190	1	50	Ant 7	DSI 5	62.9	19.00	18.33	0.02	0.044	1.006	1.167	0.05
	LTE B42 Part27Q	QPSK20M	Front Face	42190	50	25	Ant 7	DSI 5	62.9	19.00	18.28	0.19	0.089	1.006	1.180	0.11
	LTE B42 Part27Q	QPSK20M	Rear Face	42190	50	25	Ant 7	DSI 5	62.9	19.00	18.28	0.16	0.352	1.006	1.180	0.42
	LTE B42 Part27Q	QPSK20M	Left Side	42190	50	25	Ant 7	DSI 5	62.9	19.00	18.28	-0.17	0.182	1.006	1.180	0.22
	LTE B42 Part27Q	QPSK20M	Top Side	42190	50	25	Ant 7	DSI 5	62.9	19.00	18.28	0.19	0.033	1.006	1.180	0.04
	LTE B42 Part96	QPSK20M	Front Face	43190	1	50	Ant 1	DSI 5	62.9	17.00	16.38	-0.11	0.077	1.006	1.153	0.09
	LTE B42 Part96	QPSK20M	Rear Face	43190	1	50	Ant 1	DSI 5	62.9	17.00	16.38	-0.19	0.112	1.006	1.153	0.13
	LTE B42 Part96	QPSK20M	Left Side	43190	1	50	Ant 1	DSI 5	62.9	17.00	16.38	0.04	0.221	1.006	1.153	**0.26**
	LTE B42 Part96	QPSK20M	Front Face	43190	50	50	Ant 1	DSI 5	62.9	17.00	16.31	0.17	0.064	1.006	1.172	0.08
	LTE B42 Part96	QPSK20M	Rear Face	43190	50	50	Ant 1	DSI 5	62.9	17.00	16.31	0.00	0.091	1.006	1.172	0.11
	LTE B42 Part96	QPSK20M	Left Side	43190	50	50	Ant 1	DSI 5	62.9	17.00	16.31	-0.01	0.149	1.006	1.172	0.18
	LTE B42 Part96	QPSK20M	Front Face	43490	1	50	Ant 2	DSI 5	62.9	15.50	14.60	-0.09	0.064	1.006	1.230	0.08
	LTE B42 Part96	QPSK20M	Rear Face	43490	1	50	Ant 2	DSI 5	62.9	15.50	14.60	-0.08	0.126	1.006	1.230	0.16
	LTE B42 Part96	QPSK20M	Left Side	43490	1	50	Ant 2	DSI 5	62.9	15.50	14.60	-0.05	0.030	1.006	1.230	0.04
	LTE B42 Part96	QPSK20M	Top Side	43490	1	50	Ant 2	DSI 5	62.9	15.50	14.60	-0.15	0.142	1.006	1.230	**0.18**
	LTE B42 Part96	QPSK20M	Front Face	43490	50	50	Ant 2	DSI 5	62.9	15.50	14.55	-0.01	0.056	1.006	1.245	0.07
	LTE B42 Part96	QPSK20M	Rear Face	43490	50	50	Ant 2	DSI 5	62.9	15.50	14.55	-0.08	0.095	1.006	1.245	0.12
	LTE B42 Part96	QPSK20M	Left Side	43490	50	50	Ant 2	DSI 5	62.9	15.50	14.55	-0.02	0.022	1.006	1.245	0.03
	LTE B42 Part96	QPSK20M	Top Side	43490	50	50	Ant 2	DSI 5	62.9	15.50	14.55	0.15	0.115	1.006	1.245	0.14
	LTE B42 Part96	QPSK20M	Front Face	43190	1	50	Ant 3	DSI 5	62.9	20.00	18.83	0.16	0.162	1.006	1.309	0.21
	LTE B42 Part96	QPSK20M	Rear Face	43190	1	50	Ant 3	DSI 5	62.9	20.00	18.83	-0.05	0.202	1.006	1.309	0.27
	LTE B42 Part96	QPSK20M	Right Side	43190	1	50	Ant 3	DSI 5	62.9	20.00	18.83	-0.05	0.366	1.006	1.309	**0.48**
	LTE B42 Part96	QPSK20M	Front Face	43190	50	25	Ant 3	DSI 5	62.9	20.00	18.82	-0.06	0.143	1.006	1.312	0.19
	LTE B42 Part96	QPSK20M	Rear Face	43190	50	25	Ant 3	DSI 5	62.9	20.00	18.82	0.18	0.170	1.006	1.312	0.22
	LTE B42 Part96	QPSK20M	Right Side	43190	50	25	Ant 3	DSI 5	62.9	20.00	18.82	0.13	0.290	1.006	1.312	0.38
	LTE B42 Part96	QPSK20M	Front Face	43190	1	50	Ant 7	DSI 5	62.9	19.00	18.22	0.11	0.035	1.006	1.197	0.04
P71	LTE B42 Part96	QPSK20M	Rear Face	43190	1	50	Ant 7	DSI 5	62.9	19.00	18.22	0.03	0.560	1.006	1.197	**0.67**
	LTE B42 Part96	QPSK20M	Left Side	43190	1	50	Ant 7	DSI 5	62.9	19.00	18.22	0.12	0.066	1.006	1.197	0.08
	LTE B42 Part96	QPSK20M	Top Side	43190	1	50	Ant 7	DSI 5	62.9	19.00	18.22	-0.17	0.029	1.006	1.197	0.04
	LTE B42 Part96	QPSK20M	Front Face	43190	50	25	Ant 7	DSI 5	62.9	19.00	18.15	0.05	0.030	1.006	1.216	0.04
	LTE B42 Part96	QPSK20M	Rear Face	43190	50	25	Ant 7	DSI 5	62.9	19.00	18.15	-0.05	0.407	1.006	1.216	0.50
	LTE B42 Part96	QPSK20M	Left Side	43190	50	25	Ant 7	DSI 5	62.9	19.00	18.15	0.02	0.049	1.006	1.216	0.06
	LTE B42 Part96	QPSK20M	Top Side	43190	50	25	Ant 7	DSI 5	62.9	19.00	18.15	-0.02	0.016	1.006	1.216	0.02
	LTE B48	QPSK20M	Front Face	55340	1	0	Ant 1	DSI 5	62.9	18.00	17.28	0.14	0.112	1.006	1.180	0.13
	LTE B48	QPSK20M	Rear Face	55340	1	0	Ant 1	DSI 5	62.9	18.00	17.28	-0.10	0.142	1.006	1.180	0.17
	LTE B48	QPSK20M	Left Side	55340	1	0	Ant 1	DSI 5	62.9	18.00	17.28	-0.12	0.279	1.006	1.180	**0.33**
	LTE B48	QPSK20M	Front Face	55340	50	50	Ant 1	DSI 5	62.9	18.00	17.25	-0.01	0.097	1.006	1.189	0.12
	LTE B48	QPSK20M	Rear Face	55340	50	50	Ant 1	DSI 5	62.9	18.00	17.25	-0.18	0.118	1.006	1.189	0.14
	LTE B48	QPSK20M	Left Side	55340	50	50	Ant 1	DSI 5	62.9	18.00	17.25	0.15	0.229	1.006	1.189	0.27
	LTE B48	QPSK20M	Front Face	55340	1	50	Ant 2	DSI 5	62.9	18.50	17.45	-0.01	0.041	1.006	1.274	0.05
	LTE B48	QPSK20M	Rear Face	55340	1	50	Ant 2	DSI 5	62.9	18.50	17.45	-0.09	0.063	1.006	1.274	0.08
	LTE B48	QPSK20M	Left Side	55340	1	50	Ant 2	DSI 5	62.9	18.50	17.45	0.07	0.016	1.006	1.274	0.02
	LTE B48	QPSK20M	Top Side	55340	1	50	Ant 2	DSI 5	62.9	18.50	17.45	-0.11	0.235	1.006	1.274	**0.30**
	LTE B48	QPSK20M	Front Face	55340	50	25	Ant 2	DSI 5	62.9	18.50	17.38	0.18	0.030	1.006	1.294	0.04
	LTE B48	QPSK20M	Rear Face	55340	50	25	Ant 2	DSI 5	62.9	18.50	17.38	-0.19	0.053	1.006	1.294	0.07
	LTE B48	QPSK20M	Left Side	55340	50	25	Ant 2	DSI 5	62.9	18.50	17.38	-0.18	0.014	1.006	1.294	0.02
	LTE B48	QPSK20M	Top Side	55340	50	25	Ant 2	DSI 5	62.9	18.50	17.38	0.03	0.067	1.006	1.294	0.09
	LTE B48	QPSK20M	Front Face	56640	1	50	Ant 3	DSI 5	62.9	19.00	18.92	0.19	0.187	1.006	1.019	0.19
	LTE B48	QPSK20M	Rear Face	56640	1	50	Ant 3	DSI 5	62.9	19.00	18.92	-0.06	0.240	1.006	1.019	0.25
	LTE B48	QPSK20M	Right Side	56640	1	50	Ant 3	DSI 5	62.9	19.00	18.92	0.19	0.382	1.006	1.019	**0.39**
	LTE B48	QPSK20M	Front Face	56640	50	25	Ant 3	DSI 5	62.9	19.00	18.85	-0.01	0.179	1.006	1.035	0.19
	LTE B48	QPSK20M	Rear Face	56640	50	25	Ant 3	DSI 5	62.9	19.00	18.85	-0.14	0.187	1.006	1.035	0.20
	LTE B48	QPSK20M	Right Side	56640	50	25	Ant 3	DSI 5	62.9	19.00	18.85	0.12	0.319	1.006	1.035	0.33
	LTE B48	QPSK20M	Front Face	55340	1	50	Ant 7	DSI 5	62.9	19.00	18.37	-0.19	0.038	1.006	1.156	0.04
P72	LTE B48	QPSK20M	Rear Face	55340	1	50	Ant 7	DSI 5	62.9	19.00	18.37	-0.01	0.612	1.006	1.156	**0.71**
	LTE B48	QPSK20M	Left Side	55340	1	50	Ant 7	DSI 5	62.9	19.00	18.37	-0.02	0.075	1.006	1.156	0.09
	LTE B48	QPSK20M	Top Side	55340	1	50	Ant 7	DSI 5	62.9	19.00	18.37	-0.04	0.020	1.006	1.156	0.02
	LTE B48	QPSK20M	Front Face	55340	50	25	Ant 7	DSI 5	62.9	19.00	18.34	0.04	0.032	1.006	1.164	0.04
	LTE B48	QPSK20M	Rear Face	55340	50	25	Ant 7	DSI 5	62.9	19.00	18.34	0.02	0.431	1.006	1.164	0.51
	LTE B48	QPSK20M	Left Side	55340	50	25	Ant 7	DSI 5	62.9	19.00	18.34	-0.09	0.057	1.006	1.164	0.07
	LTE B48	QPSK20M	Top Side	55340	50	25	Ant 7	DSI 5	62.9	19.00	18.34	-0.19	0.031	1.006	1.164	0.04
	LTE B66 / 4	QPSK20M	Front Face	132322	1	50	Ant 0	DSI 5	-	21.50	21.43	0.14	0.359	1.000	1.016	0.37
	LTE B66 / 4	QPSK20M	Rear Face	132322	1	50	Ant 0	DSI 5	-	21.50	21.43	-0.19	0.404	1.000	1.016	0.41
	LTE B66 / 4	QPSK20M	Left Side	132322	1	50	Ant 0	DSI 5	-	21.50	21.43	-0.07	0.077	1.000	1.016	0.08
	LTE B66 / 4	QPSK20M	Right Side	132322	1	50	Ant 0	DSI 5	-	21.50	21.43	-0.15	0.123	1.000	1.016	0.13
P73	LTE B66 / 4	QPSK20M	Bottom Side	132322	1	50	Ant 0	DSI 5	-	21.50	21.43	-0.01	0.738	1.000	1.016	**0.75**
	LTE B66 / 4	QPSK20M	Front Face	132322	50	25	Ant 0	DSI 5	-	21.50	21.40	-0.02	0.283	1.000	1.023	0.29
	LTE B66 / 4	QPSK20M	Rear Face	132322	50	25	Ant 0	DSI 5	-	21.50	21.40	0.19	0.319	1.000	1.023	0.33
	LTE B66 / 4	QPSK20M	Left Side	132322	50	25	Ant 0	DSI 5	-	21.50	21.40	0.09	0.060	1.000	1.023	0.06
	LTE B66 / 4	QPSK20M	Right Side	132322	50	25	Ant 0	DSI 5	-	21.50	21.40	0.00	0.096	1.000	1.023	0.10

Plot No.	Band	Mode	Test Position	Ch.	RB Size	RB Offset	Antenna	Power State	Duty Cycle %	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Power Drift (dB)	Measured SAR-1g (W/kg)	Duty Cycle Scaling Factor	Tune-up Scaling Factor	Scaled SAR-1g (W/kg)
	LTE B66 / 4	QPSK20M	Bottom Side	132322	50	25	Ant 0	DSI 5	-	21.50	21.40	-0.04	0.521	1.000	1.023	0.53
	LTE B66 / 4	QPSK20M	Front Face	132322	1	50	Ant 2	DSI 5	-	18.00	17.62	-0.13	0.163	1.000	1.091	0.18
	LTE B66 / 4	QPSK20M	Rear Face	132322	1	50	Ant 2	DSI 5	-	18.00	17.62	-0.07	0.241	1.000	1.091	0.26
	LTE B66 / 4	QPSK20M	Left Side	132322	1	50	Ant 2	DSI 5	-	18.00	17.62	0.10	0.049	1.000	1.091	0.05
	LTE B66 / 4	QPSK20M	Top Side	132322	1	50	Ant 2	DSI 5	-	18.00	17.62	0.04	0.366	1.000	1.091	0.40
	LTE B66 / 4	QPSK20M	Front Face	132322	50	25	Ant 2	DSI 5	-	18.00	17.57	-0.12	0.132	1.000	1.104	0.15
	LTE B66 / 4	QPSK20M	Rear Face	132322	50	25	Ant 2	DSI 5	-	18.00	17.57	0.07	0.185	1.000	1.104	0.20
	LTE B66 / 4	QPSK20M	Left Side	132322	50	25	Ant 2	DSI 5	-	18.00	17.57	-0.16	0.039	1.000	1.104	0.04
	LTE B66 / 4	QPSK20M	Top Side	132322	50	25	Ant 2	DSI 5	-	18.00	17.57	-0.05	0.302	1.000	1.104	0.33
	LTE B66	QPSK20M	Front Face	132322	1	50	Ant 3	DSI 5	-	16.50	15.99	-0.03	0.141	1.000	1.125	0.16
	LTE B66	QPSK20M	Rear Face	132322	1	50	Ant 3	DSI 5	-	16.50	15.99	0.17	0.137	1.000	1.125	0.15
	LTE B66	QPSK20M	Right Side	132322	1	50	Ant 3	DSI 5	-	16.50	15.99	0.03	0.237	1.000	1.125	0.27
	LTE B66	QPSK20M	Front Face	132322	50	50	Ant 3	DSI 5	-	16.50	15.96	0.05	0.119	1.000	1.132	0.14
	LTE B66	QPSK20M	Rear Face	132322	50	50	Ant 3	DSI 5	-	16.50	15.96	-0.10	0.111	1.000	1.132	0.13
	LTE B66	QPSK20M	Right Side	132322	50	50	Ant 3	DSI 5	-	16.50	15.96	0.14	0.180	1.000	1.132	0.20
	LTE B66	QPSK20M	Front Face	132322	1	50	Ant 4	DSI 5	-	17.50	16.59	-0.19	0.090	1.000	1.233	0.11
	LTE B66	QPSK20M	Rear Face	132322	1	50	Ant 4	DSI 5	-	17.50	16.59	-0.16	0.115	1.000	1.233	0.14
	LTE B66	QPSK20M	Left Side	132322	1	50	Ant 4	DSI 5	-	17.50	16.59	-0.11	0.186	1.000	1.233	0.23
	LTE B66	QPSK20M	Top Side	132322	1	50	Ant 4	DSI 5	-	17.50	16.59	0.10	0.065	1.000	1.233	0.08
	LTE B66	QPSK20M	Front Face	132322	50	25	Ant 4	DSI 5	-	17.50	16.56	-0.09	0.071	1.000	1.242	0.09
	LTE B66	QPSK20M	Rear Face	132322	50	25	Ant 4	DSI 5	-	17.50	16.56	-0.16	0.093	1.000	1.242	0.12
	LTE B66	QPSK20M	Left Side	132322	50	25	Ant 4	DSI 5	-	17.50	16.56	-0.12	0.138	1.000	1.242	0.17
	LTE B66	QPSK20M	Top Side	132322	50	25	Ant 4	DSI 5	-	17.50	16.56	-0.12	0.048	1.000	1.242	0.06
	FR1 n2	DFT-QPSK40M	Front Face	376000	1	1	Ant 2	DSI 5	-	18.00	16.47	0.06	0.143	1.000	1.422	0.20
	FR1 n2	DFT-QPSK40M	Rear Face	376000	1	1	Ant 2	DSI 5	-	18.00	16.47	-0.06	0.200	1.000	1.422	0.28
	FR1 n2	DFT-QPSK40M	Left Side	376000	1	1	Ant 2	DSI 5	-	18.00	16.47	0.08	0.045	1.000	1.422	0.06
P74	FR1 n2	DFT-QPSK40M	Top Side	376000	1	1	Ant 2	DSI 5	-	18.00	16.47	-0.02	0.257	1.000	1.422	0.37
	FR1 n2	DFT-QPSK40M	Front Face	376000	108	54	Ant 2	DSI 5	-	18.00	16.45	0.15	0.145	1.000	1.429	0.21
	FR1 n2	DFT-QPSK40M	Rear Face	376000	108	54	Ant 2	DSI 5	-	18.00	16.45	0.01	0.202	1.000	1.429	0.29
	FR1 n2	DFT-QPSK40M	Left Side	376000	108	54	Ant 2	DSI 5	-	18.00	16.45	-0.09	0.039	1.000	1.429	0.06
	FR1 n2	DFT-QPSK40M	Top Side	376000	108	54	Ant 2	DSI 5	-	18.00	16.45	0.05	0.221	1.000	1.429	0.32
	FR1 n2	DFT-QPSK40M	Front Face	376000	1	1	Ant 3	DSI 5	-	17.50	16.64	-0.05	0.163	1.000	1.219	0.20
	FR1 n2	DFT-QPSK40M	Rear Face	376000	1	1	Ant 3	DSI 5	-	17.50	16.64	-0.04	0.194	1.000	1.219	0.24
	FR1 n2	DFT-QPSK40M	Right Side	376000	1	1	Ant 3	DSI 5	-	17.50	16.64	-0.09	0.201	1.000	1.219	0.25
	FR1 n2	DFT-QPSK40M	Front Face	376000	108	54	Ant 3	DSI 5	-	17.50	16.61	0.18	0.142	1.000	1.227	0.17
	FR1 n2	DFT-QPSK40M	Rear Face	376000	108	54	Ant 3	DSI 5	-	17.50	16.61	-0.17	0.173	1.000	1.227	0.21
	FR1 n2	DFT-QPSK40M	Right Side	376000	108	54	Ant 3	DSI 5	-	17.50	16.61	0.10	0.154	1.000	1.227	0.19
	FR1 n5	DFT-QPSK25M	Front Face	167300	1	1	Ant 0	DSI 5	-	25.50	25.22	0.19	0.392	1.000	1.067	0.42
P75	FR1 n5	DFT-QPSK25M	Rear Face	167300	1	1	Ant 0	DSI 5	-	25.50	25.22	0.01	0.610	1.000	1.067	0.65
	FR1 n5	DFT-QPSK25M	Left Side	167300	1	1	Ant 0	DSI 5	-	25.50	25.22	0.16	0.154	1.000	1.067	0.16
	FR1 n5	DFT-QPSK25M	Right Side	167300	1	1	Ant 0	DSI 5	-	25.50	25.22	-0.03	0.558	1.000	1.067	0.60
	FR1 n5	DFT-QPSK25M	Bottom Side	167300	1	1	Ant 0	DSI 5	-	25.50	25.22	0.01	0.334	1.000	1.067	0.36
	FR1 n5	DFT-QPSK25M	Front Face	167300	64	35	Ant 0	DSI 5	-	25.50	25.07	0.19	0.320	1.000	1.104	0.35
	FR1 n5	DFT-QPSK25M	Rear Face	167300	64	35	Ant 0	DSI 5	-	25.50	25.07	-0.04	0.462	1.000	1.104	0.51
	FR1 n5	DFT-QPSK25M	Left Side	167300	64	35	Ant 0	DSI 5	-	25.50	25.07	0.19	0.102	1.000	1.104	0.11
	FR1 n5	DFT-QPSK25M	Right Side	167300	64	35	Ant 0	DSI 5	-	25.50	25.07	-0.08	0.437	1.000	1.104	0.48
	FR1 n5	DFT-QPSK25M	Bottom Side	167300	64	35	Ant 0	DSI 5	-	25.50	25.07	0.14	0.269	1.000	1.104	0.30
	DSDA FR1 n5	DFT-QPSK25M	Right Side	167300	1	1	Ant 0	DSI 5	-	24.50	24.29	-0.03	0.387	1.000	1.050	0.41
	FR1 n5	DFT-QPSK25M	Front Face	167300	1	1	Ant 1	DSI 5	-	20.00	19.30	0.00	0.305	1.000	1.175	0.36
	FR1 n5	DFT-QPSK25M	Rear Face	167300	1	1	Ant 1	DSI 5	-	20.00	19.30	0.19	0.346	1.000	1.175	0.41
	FR1 n5	DFT-QPSK25M	Left Side	167300	1	1	Ant 1	DSI 5	-	20.00	19.30	-0.02	0.425	1.000	1.175	0.50
	FR1 n5	DFT-QPSK25M	Front Face	167300	64	35	Ant 1	DSI 5	-	20.00	19.08	0.14	0.236	1.000	1.236	0.29
	FR1 n5	DFT-QPSK25M	Rear Face	167300	64	35	Ant 1	DSI 5	-	20.00	19.08	-0.09	0.282	1.000	1.236	0.35
	FR1 n5	DFT-QPSK25M	Left Side	167300	64	35	Ant 1	DSI 5	-	20.00	19.08	0.19	0.343	1.000	1.236	0.42
	FR1 n7	DFT-QPSK50M	Front Face	507000	1	1	Ant 0	DSI 5	-	22.00	20.43	0.07	0.272	1.000	1.435	0.39
	FR1 n7	DFT-QPSK50M	Rear Face	507000	1	1	Ant 0	DSI 5	-	22.00	20.43	0.04	0.268	1.000	1.435	0.39
	FR1 n7	DFT-QPSK50M	Left Side	507000	1	1	Ant 0	DSI 5	-	22.00	20.43	0.18	0.063	1.000	1.435	0.09
	FR1 n7	DFT-QPSK50M	Right Side	507000	1	1	Ant 0	DSI 5	-	22.00	20.43	0.14	0.088	1.000	1.435	0.13
P76	FR1 n7	DFT-QPSK50M	Bottom Side	507000	1	1	Ant 0	DSI 5	-	22.00	20.43	-0.05	0.482	1.000	1.435	0.69
	FR1 n7	DFT-QPSK50M	Front Face	507000	135	68	Ant 0	DSI 5	-	22.00	20.35	0.00	0.259	1.000	1.462	0.38
	FR1 n7	DFT-QPSK50M	Rear Face	507000	135	68	Ant 0	DSI 5	-	22.00	20.35	0.16	0.253	1.000	1.462	0.37
	FR1 n7	DFT-QPSK50M	Left Side	507000	135	68	Ant 0	DSI 5	-	22.00	20.35	0.03	0.069	1.000	1.462	0.10
	FR1 n7	DFT-QPSK50M	Right Side	507000	135	68	Ant 0	DSI 5	-	22.00	20.35	0.18	0.071	1.000	1.462	0.10
	FR1 n7	DFT-QPSK50M	Bottom Side	507000	135	68	Ant 0	DSI 5	-	22.00	20.35	0.17	0.359	1.000	1.462	0.53
	FR1 n7(Other Pa)	DFT-QPSK50M	Bottom Side	507000	1	1	Ant 0	DSI 5	-	22.00	20.50	-0.01	0.433	1.000	1.413	0.61
	FR1 n7	DFT-QPSK50M	Front Face	505000	1	1	Ant 2	DSI 5	-	16.50	16.18	0.03	0.178	1.000	1.076	0.19
	FR1 n7	DFT-QPSK50M	Rear Face	505000	1	1	Ant 2	DSI 5	-	16.50	16.18	0.15	0.273	1.000	1.076	0.29
	FR1 n7	DFT-QPSK50M	Left Side	505000	1	1	Ant 2	DSI 5	-	16.50	16.18	-0.19	0.074	1.000	1.076	0.08
	FR1 n7	DFT-QPSK50M	Top Side	505000	1	1	Ant 2	DSI 5	-	16.50	16.18	0.15	0.387	1.000	1.076	0.42
	FR1 n7	DFT-QPSK50M	Front Face	505000	135	68	Ant 2	DSI 5	-	16.50	16.11	-0.03	0.166	1.000	1.094	0.18
	FR1 n7	DFT-QPSK50M	Rear Face	505000	135	68	Ant 2	DSI 5	-	16.50	16.11	-0.16	0.274	1.000	1.094	0.30
	FR1 n7	DFT-QPSK50M	Left Side	505000	135	68	Ant 2	DSI 5	-	16.50	16.11	0.13	0.076	1.000	1.094	0.08
	FR1 n7	DFT-QPSK50M	Top Side	505000	135	68	Ant 2	DSI 5	-	16.50	16.11	-0.11	0.384	1.000	1.094	0.42
	FR1 n7(Other Pa)	DFT-QPSK50M	Top Side	505000	135	68	Ant 2	DSI 5	-	16.50	16.01	-0.09	0.312	1.000	1.119	0.35
	FR1 n7	DFT-QPSK50M	Front Face	507000	1	1	Ant 3	DSI 5	-	20.50	19.93	0.14	0.185	1.000	1.140	0.21
	FR1 n7	DFT-QPSK50M	Rear Face	507000	1	1	Ant 3	DSI 5	-	20.50	19.93	0.02	0.216	1.000	1.140	0.25
	FR1 n7	DFT-QPSK50M	Right Side	507000	1	1	Ant 3	DSI 5	-	20.50	19.93	-0.04	0.251	1.000	1.140	0.29
	FR1 n7	DFT-QPSK50M	Front Face	507000	135	68	Ant 3	DSI 5	-	20.50	19.95	-0.14	0.176	1.000	1.135	0.20
	FR1 n7	DFT-QPSK50M	Rear Face	507000	135	68	Ant 3	DSI 5	-	20.50	19.95	-0.16	0.192	1.000	1.135	0.22
	FR1 n7	DFT-QPSK50M	Right Side	507000	135	68	Ant 3	DSI 5	-	20.50	19.95	0.18	0.290	1.000	1.135	0.33
	FR1 n7(Other Pa)	DFT-QPSK50M	Right Side	507000	135	68	Ant 3	DSI 5	-	20.50	19.74	-0.02	0.247	1.000	1.191	0.29
	FR1 n7	DFT-QPSK50M	Front Face	507000	1	1	Ant 4	DSI 5	-	16.50	15.15	-0.09	0.112	1.000	1.365	0.15
	FR1 n7	DFT-QPSK50M	Rear Face	507000	1	1	Ant 4	DSI 5	-	16.50	15.15	0.00	0.157	1.000	1.365	0.21
	FR1 n7	DFT-QPSK50M	Left Side	507000	1	1	Ant 4	DSI 5	-	16.50	15.15	-0.06	0.267	1.000	1.365	0.36
	FR1 n7	DFT-QPSK50M	Top Side	507000	1	1	Ant 4	DSI 5	-	16.50	15.15	0.12	0.044	1.000	1.365	0.06
	FR1 n7	DFT-QPSK50M	Front Face	507000	135	68	Ant 4	DSI 5	-	16.50	15.06	-0.17	0.099	1.000	1.393	0.14
	FR1 n7	DFT-QPSK50M	Rear Face	507000	135	68	Ant 4	DSI 5	-	16.50	15.06	0.05	0.138	1.000	1.393	0.19
	FR1 n7	DFT-QPSK50M	Left Side	507000	135	68	Ant 4	DSI 5	-	16.50	15.06	-0.13	0.229	1.000	1.393	0.32
	FR1 n7	DFT-QPSK50M	Top Side	507000	135	68	Ant 4	DSI 5	-	16.50	15.06	-0.16	0.033	1.000	1.393	0.05

Plot No.	Band	Mode	Test Position	Ch.	RB Size	RB Offset	Antenna	Power State	Duty Cycle %	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Power Drift (dB)	Measured SAR-1g (W/kg)	Duty Cycle Scaling Factor	Tune-up Scaling Factor	Scaled SAR-1g (W/kg)
	FR1 n7(Other Pa)	DFT-QPSK50M	Left Side	507000	1	1	Ant 4	DSI 5	-	15.50	14.18	-0.15	0.215	1.000	1.355	0.29
	EN-DC&DSDA_FR1 n7	DFT-QPSK50M	Left Side	507000	1	1	Ant 4	DSI 5	-	15.00	13.73	-0.18	0.204	1.000	1.340	0.27
	FR1 n38	DFT-QPSK40M	Front Face	519000	1	1	Ant 3	DSI 5	-	21.00	20.13	0.15	0.174	1.000	1.222	0.21
	FR1 n38	DFT-QPSK40M	Rear Face	519000	1	1	Ant 3	DSI 5	-	21.00	20.13	-0.19	0.239	1.000	1.222	0.29
P77	FR1 n38	DFT-QPSK40M	Right Side	519000	1	1	Ant 3	DSI 5	-	21.00	20.13	-0.13	0.354	1.000	1.222	**0.43**
	FR1 n38	DFT-QPSK40M	Front Face	519000	50	28	Ant 3	DSI 5	-	21.00	20.10	-0.01	0.168	1.000	1.230	0.21
	FR1 n38	DFT-QPSK40M	Rear Face	519000	50	28	Ant 3	DSI 5	-	21.00	20.10	-0.14	0.212	1.000	1.230	0.26
	FR1 n38	DFT-QPSK40M	Right Side	519000	50	28	Ant 3	DSI 5	-	21.00	20.10	0.17	0.332	1.000	1.230	0.41
	FR1 n38(Other PA)	DFT-QPSK40M	Right Side	519000	1	1	Ant 3	DSI 5	-	21.00	19.98	-0.01	0.312	1.000	1.265	0.40
	FR1 n41 / 38(Other PA)	DFT-QPSK100M	Front Face	509202	1	1	Ant 0	DSI 5	100	23.00	21.77	-0.19	0.258	1.000	1.327	0.34
	FR1 n41 / 38(Other PA)	DFT-QPSK100M	Rear Face	509202	1	1	Ant 0	DSI 5	100	23.00	21.77	-0.03	0.238	1.000	1.327	0.32
	FR1 n41 / 38(Other PA)	DFT-QPSK100M	Left Side	509202	1	1	Ant 0	DSI 5	100	23.00	21.77	-0.01	0.049	1.000	1.327	0.07
	FR1 n41 / 38(Other PA)	DFT-QPSK100M	Right Side	509202	1	1	Ant 0	DSI 5	100	23.00	21.77	0.15	0.077	1.000	1.327	0.10
	FR1 n41 / 38(Other PA)	DFT-QPSK100M	Bottom Side	509202	1	1	Ant 0	DSI 5	100	23.00	21.77	0.19	0.295	1.000	1.327	0.39
	FR1 n41 / 38(Other PA)	DFT-QPSK100M	Front Face	509202	135	69	Ant 0	DSI 5	100	23.00	21.68	0.18	0.283	1.000	1.355	0.38
	FR1 n41 / 38(Other PA)	DFT-QPSK100M	Rear Face	509202	135	69	Ant 0	DSI 5	100	23.00	21.68	0.06	0.253	1.000	1.355	0.34
	FR1 n41 / 38(Other PA)	DFT-QPSK100M	Left Side	509202	135	69	Ant 0	DSI 5	100	23.00	21.68	0.12	0.080	1.000	1.355	0.11
	FR1 n41 / 38(Other PA)	DFT-QPSK100M	Right Side	509202	135	69	Ant 0	DSI 5	100	23.00	21.68	-0.05	0.076	1.000	1.355	0.10
P78	FR1 n41 / 38(Other PA)	DFT-QPSK100M	Bottom Side	509202	135	69	Ant 0	DSI 5	100	23.00	21.68	-0.01	0.404	1.000	1.355	**0.55**
	FR1 n41 / 38	DFT-QPSK100M	Bottom Side	509202	135	69	Ant 0	DSI 5	100	22.50	21.41	0.03	0.325	1.000	1.285	0.42
	FR1 n41 / 38	DFT-QPSK100M	Front Face	509202	1	1	Ant 2	DSI 5	100	20.50	20.22	0.05	0.144	1.000	1.067	0.15
	FR1 n41 / 38	DFT-QPSK100M	Rear Face	509202	1	1	Ant 2	DSI 5	100	20.50	20.22	-0.13	0.241	1.000	1.067	0.26
	FR1 n41 / 38	DFT-QPSK100M	Left Side	509202	1	1	Ant 2	DSI 5	100	20.50	20.22	0.06	0.053	1.000	1.067	0.06
	FR1 n41 / 38	DFT-QPSK100M	Top Side	509202	1	1	Ant 2	DSI 5	100	20.50	20.22	0.00	0.404	1.000	1.067	**0.43**
	FR1 n41 / 38	DFT-QPSK100M	Front Face	509202	135	69	Ant 2	DSI 5	100	20.50	20.16	0.19	0.137	1.000	1.081	0.15
	FR1 n41 / 38	DFT-QPSK100M	Rear Face	509202	135	69	Ant 2	DSI 5	100	20.50	20.16	0.18	0.220	1.000	1.081	0.24
	FR1 n41 / 38	DFT-QPSK100M	Left Side	509202	135	69	Ant 2	DSI 5	100	20.50	20.16	-0.07	0.054	1.000	1.081	0.06
	FR1 n41 / 38	DFT-QPSK100M	Top Side	509202	135	69	Ant 2	DSI 5	100	20.50	20.16	-0.13	0.386	1.000	1.081	0.42
	FR1 n41 / 38(Other PA	DFT-QPSK100M	Top Side	509202	1	1	Ant 2	DSI 5	100	20.50	20.16	0.11	0.356	1.000	1.081	0.39
	FR1 n41	DFT-QPSK100M	Front Face	518598	1	1	Ant 3	DSI 5	100	20.50	20.09	-0.15	0.139	1.000	1.099	0.15
	FR1 n41	DFT-QPSK100M	Rear Face	518598	1	1	Ant 3	DSI 5	100	20.50	20.09	-0.02	0.161	1.000	1.099	0.18
	FR1 n41	DFT-QPSK100M	Right Side	518598	1	1	Ant 3	DSI 5	100	20.50	20.09	0.11	0.339	1.000	1.099	**0.37**
	FR1 n41	DFT-QPSK100M	Front Face	518598	135	69	Ant 3	DSI 5	100	20.50	19.95	-0.19	0.147	1.000	1.135	0.17
	FR1 n41	DFT-QPSK100M	Rear Face	518598	135	69	Ant 3	DSI 5	100	20.50	19.95	0.05	0.198	1.000	1.135	0.23
	FR1 n41	DFT-QPSK100M	Right Side	518598	135	69	Ant 3	DSI 5	100	20.50	19.95	-0.19	0.308	1.000	1.135	0.35
	FR1 n41(Other PA)	DFT-QPSK100M	Right Side	518598	1	1	Ant 3	DSI 5	100	20.50	20.07	-0.11	0.312	1.000	1.104	0.34
	FR1 n41 / 38	DFT-QPSK100M	Front Face	509202	1	1	Ant 4	DSI 5	100	17.50	16.71	0.10	0.166	1.000	1.199	0.20
	FR1 n41 / 38	DFT-QPSK100M	Rear Face	509202	1	1	Ant 4	DSI 5	100	17.50	16.71	-0.01	0.215	1.000	1.199	0.26
	FR1 n41 / 38	DFT-QPSK100M	Left Side	509202	1	1	Ant 4	DSI 5	100	17.50	16.71	0.09	0.351	1.000	1.199	0.42
	FR1 n41 / 38	DFT-QPSK100M	Top Side	509202	1	1	Ant 4	DSI 5	100	17.50	16.71	0.19	0.067	1.000	1.199	0.08
	FR1 n41 / 38	DFT-QPSK100M	Front Face	509202	135	69	Ant 4	DSI 5	100	17.50	16.58	-0.16	0.200	1.000	1.236	0.25
	FR1 n41 / 38	DFT-QPSK100M	Rear Face	509202	135	69	Ant 4	DSI 5	100	17.50	16.58	-0.13	0.271	1.000	1.236	0.34
	FR1 n41 / 38	DFT-QPSK100M	Left Side	509202	135	69	Ant 4	DSI 5	100	17.50	16.58	0.07	0.388	1.000	1.236	**0.48**
	FR1 n41 / 38	DFT-QPSK100M	Top Side	509202	135	69	Ant 4	DSI 5	100	17.50	16.58	0.11	0.057	1.000	1.236	0.07
	FR1 n41 / 38(Other PA	DFT-QPSK100M	Left Side	509202	135	69	Ant 4	DSI 5	100	17.50	16.64	0.06	0.307	1.000	1.219	0.37
	FR1 n48	DFT-QPSK40M	Front Face	638000	1	1	Ant 1	DSI 5	100	16.50	15.07	-0.12	0.101	1.000	1.390	0.14
	FR1 n48	DFT-QPSK40M	Rear Face	638000	1	1	Ant 1	DSI 5	100	16.50	15.07	0.16	0.108	1.000	1.390	0.15
	FR1 n48	DFT-QPSK40M	Left Side	638000	1	1	Ant 1	DSI 5	100	16.50	15.07	-0.01	0.224	1.000	1.390	0.31
	FR1 n48	DFT-QPSK40M	Front Face	638000	50	28	Ant 1	DSI 5	100	16.50	14.98	-0.03	0.109	1.000	1.419	0.16
	FR1 n48	DFT-QPSK40M	Rear Face	638000	50	28	Ant 1	DSI 5	100	16.50	14.98	0.00	0.113	1.000	1.419	0.16
	FR1 n48	DFT-QPSK40M	Left Side	638000	50	28	Ant 1	DSI 5	100	16.50	14.98	0.00	0.244	1.000	1.419	**0.35**
	FR1 n48	DFT-QPSK40M	Front Face	638000	1	1	Ant 2	DSI 5	100	17.00	15.88	-0.14	0.105	1.000	1.294	0.14
	FR1 n48	DFT-QPSK40M	Rear Face	638000	1	1	Ant 2	DSI 5	100	17.00	15.88	0.19	0.165	1.000	1.294	0.21
	FR1 n48	DFT-QPSK40M	Left Side	638000	1	1	Ant 2	DSI 5	100	17.00	15.88	-0.08	0.043	1.000	1.294	0.06
	FR1 n48	DFT-QPSK40M	Top Side	638000	1	1	Ant 2	DSI 5	100	17.00	15.88	0.01	0.252	1.000	1.294	**0.33**
	FR1 n48	DFT-QPSK40M	Front Face	638000	50	28	Ant 2	DSI 5	100	17.00	15.85	-0.05	0.084	1.000	1.303	0.11
	FR1 n48	DFT-QPSK40M	Rear Face	638000	50	28	Ant 2	DSI 5	100	17.00	15.85	-0.05	0.157	1.000	1.303	0.21
	FR1 n48	DFT-QPSK40M	Left Side	638000	50	28	Ant 2	DSI 5	100	17.00	15.85	-0.06	0.036	1.000	1.303	0.05
	FR1 n48	DFT-QPSK40M	Top Side	638000	50	28	Ant 2	DSI 5	100	17.00	15.85	0.12	0.218	1.000	1.303	0.28
	FR1 n48	DFT-QPSK40M	Front Face	638000	1	1	Ant 3		100	17.00	15.98	-0.14	0.150	1.000	1.265	0.19
	FR1 n48	DFT-QPSK40M	Rear Face	638000	1	1	Ant 3	DSI 5	100	17.00	15.98	0.16	0.183	1.000	1.265	0.23
	FR1 n48	DFT-QPSK40M	Right Side	638000	1	1	Ant 3	DSI 5	100	17.00	15.98	-0.01	0.344	1.000	1.265	**0.44**
	FR1 n48	DFT-QPSK40M	Front Face	638000	50	28	Ant 3	DSI 5	100	17.00	15.95	0.09	0.133	1.000	1.274	0.17
	FR1 n48	DFT-QPSK40M	Rear Face	638000	50	28	Ant 3	DSI 5	100	17.00	15.95	-0.11	0.190	1.000	1.274	0.24
	FR1 n48	DFT-QPSK40M	Right Side	638000	50	28	Ant 3	DSI 5	100	17.00	15.95	-0.10	0.323	1.000	1.274	0.41
	FR1 n48	DFT-QPSK40M	Front Face	641666	1	1	Ant 7	DSI 5	100	18.00	17.65	-0.18	0.044	1.000	1.084	0.05
	FR1 n48	DFT-QPSK40M	Rear Face	641666	1	1	Ant 7	DSI 5	100	18.00	17.65	-0.06	0.573	1.000	1.084	0.62
	FR1 n48	DFT-QPSK40M	Left Side	641666	1	1	Ant 7	DSI 5	100	18.00	17.65	0.12	0.100	1.000	1.084	0.11
	FR1 n48	DFT-QPSK40M	Top Side	641666	1	1	Ant 7	DSI 5	100	18.00	17.65	-0.03	0.029	1.000	1.084	0.03
	FR1 n48	DFT-QPSK40M	Front Face	641666	50	28	Ant 7	DSI 5	100	18.00	17.59	0.16	0.020	1.000	1.099	0.02
P79	FR1 n48	DFT-QPSK40M	Rear Face	641666	50	28	Ant 7	DSI 5	100	18.00	17.59	-0.02	0.576	1.000	1.099	**0.63**
	FR1 n48	DFT-QPSK40M	Left Side	641666	50	28	Ant 7	DSI 5	100	18.00	17.59	-0.04	0.096	1.000	1.099	0.11
	FR1 n48	DFT-QPSK40M	Top Side	641666	50	28	Ant 7	DSI 5	100	18.00	17.59	-0.06	0.030	1.000	1.099	0.03
	FR1 n66	DFT-QPSK45M	Front Face	351500	1	1	Ant 0	DSI 5	-	24.00	23.25	-0.09	0.404	1.000	1.189	0.48
	FR1 n66	DFT-QPSK45M	Rear Face	351500	1	1	Ant 0	DSI 5	-	24.00	23.25	0.16	0.449	1.000	1.189	0.53
	FR1 n66	DFT-QPSK45M	Left Side	351500	1	1	Ant 0	DSI 5	-	24.00	23.25	-0.15	0.069	1.000	1.189	0.08
	FR1 n66	DFT-QPSK45M	Right Side	351500	1	1	Ant 0	DSI 5	-	24.00	23.25	0.19	0.118	1.000	1.189	0.14
P80	FR1 n66	DFT-QPSK45M	Bottom Side	351500	1	1	Ant 0	DSI 5	-	24.00	23.25	-0.07	0.817	1.000	1.189	**0.97**
	FR1 n66	DFT-QPSK45M	Front Face	351500	120	61	Ant 0	DSI 5	-	24.00	23.17	-0.15	0.297	1.000	1.211	0.36
	FR1 n66	DFT-QPSK45M	Rear Face	351500	120	61	Ant 0	DSI 5	-	24.00	23.17	-0.15	0.282	1.000	1.211	0.34
	FR1 n66	DFT-QPSK45M	Left Side	351500	120	61	Ant 0	DSI 5	-	24.00	23.17	0.03	0.076	1.000	1.211	0.09
	FR1 n66	DFT-QPSK45M	Right Side	351500	120	61	Ant 0	DSI 5	-	24.00	23.17	-0.14	0.085	1.000	1.211	0.10
	FR1 n66	DFT-QPSK45M	Bottom Side	351500	120	61	Ant 0	DSI 5	-	24.00	23.17	-0.02	0.737	1.000	1.211	0.89
	FR1 n66	DFT-QPSK45M	Bottom Side	346500	1	1	Ant 0	DSI 5	-	24.00	23.15	-0.10	0.753	1.000	1.216	0.92
	FR1 n66	DFT-QPSK45M	Bottom Side	349000	1	1	Ant 0	DSI 5	-	24.00	23.20	0.06	0.755	1.000	1.202	0.91
	FR1 n66	DFT-QPSK45M	Bottom Side	346500	120	61	Ant 0	DSI 5	-	24.00	23.14	-0.13	0.731	1.000	1.219	0.89
	FR1 n66	DFT-QPSK45M	Bottom Side	349000	120	61	Ant 0	DSI 5	-	24.00	23.07	0.08	0.711	1.000	1.239	0.88
	FR1 n66	DFT-QPSK45M	Bottom Side	351500	240	0	Ant 0	DSI 5	-	23.00	22.32	0.12	0.686	1.000	1.169	0.80
	FR1 n66	DFT-QPSK45M	Front Face	346500	1	1	Ant 2	DSI 5	-	18.00	16.90	-0.13	0.153	1.000	1.288	0.20

Plot No.	Band	Mode	Test Position	Ch.	RB Size	RB Offset	Antenna	Power State	Duty Cycle %	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Power Drift (dB)	Measured SAR-1g (W/kg)	Duty Cycle Scaling Factor	Tune-up Scaling Factor	Scaled SAR-1g (W/kg)
	FR1 n66	DFT-QPSK45M	Rear Face	346500	1	1	Ant 2	DSI 5	-	18.00	16.90	0.15	0.199	1.000	1.288	0.26
	FR1 n66	DFT-QPSK45M	Left Side	346500	1	1	Ant 2	DSI 5	-	18.00	16.90	0.05	0.049	1.000	1.288	0.06
	FR1 n66	DFT-QPSK45M	Top Side	346500	1	1	Ant 2	DSI 5	-	18.00	16.90	-0.17	0.351	1.000	1.288	**0.45**
	FR1 n66	DFT-QPSK45M	Front Face	346500	120	61	Ant 2	DSI 5	-	18.00	16.85	0.16	0.116	1.000	1.303	0.15
	FR1 n66	DFT-QPSK45M	Rear Face	346500	120	61	Ant 2	DSI 5	-	18.00	16.85	-0.02	0.156	1.000	1.303	0.20
	FR1 n66	DFT-QPSK45M	Left Side	346500	120	61	Ant 2	DSI 5	-	18.00	16.85	-0.12	0.040	1.000	1.303	0.05
	FR1 n66	DFT-QPSK45M	Top Side	346500	120	61	Ant 2	DSI 5	-	18.00	16.85	0.10	0.330	1.000	1.303	0.43
	EN-DC_FR1 n66	DFT-QPSK45M	Top Side	346500	1	1	Ant 2	DSI 5	-	15.00	13.91	0.05	0.204	1.000	1.285	0.26
	FR1 n66	DFT-QPSK45M	Front Face	349000	1	1	Ant 3	DSI 5	-	17.50	16.40	0.09	0.179	1.000	1.288	0.23
	FR1 n66	DFT-QPSK45M	Rear Face	349000	1	1	Ant 3	DSI 5	-	17.50	16.40	0.08	0.181	1.000	1.288	0.23
	FR1 n66	DFT-QPSK45M	Right Side	349000	1	1	Ant 3	DSI 5	-	17.50	16.40	-0.13	0.279	1.000	1.288	**0.36**
	FR1 n66	DFT-QPSK45M	Front Face	349000	120	61	Ant 3	DSI 5	-	17.50	16.37	-0.02	0.140	1.000	1.297	0.18
	FR1 n66	DFT-QPSK45M	Rear Face	349000	120	61	Ant 3	DSI 5	-	17.50	16.37	0.02	0.136	1.000	1.297	0.18
	FR1 n66	DFT-QPSK45M	Right Side	349000	120	61	Ant 3	DSI 5	-	17.50	16.37	0.13	0.212	1.000	1.297	0.28
	FR1 n66	DFT-QPSK45M	Front Face	349000	1	1	Ant 4	DSI 5	-	16.50	14.92	-0.06	0.058	1.000	1.439	0.08
	FR1 n66	DFT-QPSK45M	Rear Face	349000	1	1	Ant 4	DSI 5	-	16.50	14.92	0.02	0.068	1.000	1.439	0.10
	FR1 n66	DFT-QPSK45M	Left Side	349000	1	1	Ant 4	DSI 5	-	16.50	14.92	0.09	0.104	1.000	1.439	0.15
	FR1 n66	DFT-QPSK45M	Top Side	349000	1	1	Ant 4	DSI 5	-	16.50	14.92	0.02	0.054	1.000	1.439	0.08
	FR1 n66	DFT-QPSK45M	Front Face	349000	120	61	Ant 4	DSI 5	-	16.50	14.85	-0.19	0.046	1.000	1.462	0.07
	FR1 n66	DFT-QPSK45M	Rear Face	349000	120	61	Ant 4	DSI 5	-	16.50	14.85	-0.18	0.053	1.000	1.462	0.08
	FR1 n66	DFT-QPSK45M	Left Side	349000	120	61	Ant 4	DSI 5	-	16.50	14.85	0.00	0.144	1.000	1.462	**0.21**
	FR1 n66	DFT-QPSK45M	Top Side	349000	120	61	Ant 4	DSI 5	-	16.50	14.85	0.03	0.035	1.000	1.462	0.05
	FR1 n77 / 78	DFT-QPSK100M	Front Face	633334	1	1	Ant 1	DSI 5	100	15.00	13.73	-0.03	0.075	1.000	1.340	0.10
	FR1 n77 / 78	DFT-QPSK100M	Rear Face	633334	1	1	Ant 1	DSI 5	100	15.00	13.73	-0.12	0.105	1.000	1.340	0.14
	FR1 n77 / 78	DFT-QPSK100M	Left Side	633334	1	1	Ant 1	DSI 5	100	15.00	13.73	0.02	0.146	1.000	1.340	**0.20**
	FR1 n77 / 78	DFT-QPSK100M	Front Face	633334	135	69	Ant 1	DSI 5	100	15.00	13.70	-0.08	0.067	1.000	1.349	0.09
	FR1 n77 / 78	DFT-QPSK100M	Rear Face	633334	135	69	Ant 1	DSI 5	100	15.00	13.70	0.05	0.086	1.000	1.349	0.12
	FR1 n77 / 78	DFT-QPSK100M	Left Side	633334	135	69	Ant 1	DSI 5	100	15.00	13.70	0.05	0.137	1.000	1.349	0.19
	PC2_FR1 n77 / 78	DFT-QPSK100M	Left Side	633334	1	1	Ant 1	DSI 5	50	17.00	15.58	-0.05	0.114	1.000	1.387	0.16
	FR1 n77	DFT-QPSK100M	Front Face	656000	1	1	Ant 1	DSI 5	100	15.00	13.66	-0.19	0.051	1.000	1.361	0.07
	FR1 n77	DFT-QPSK100M	Rear Face	656000	1	1	Ant 1	DSI 5	100	15.00	13.66	-0.10	0.059	1.000	1.361	0.08
	FR1 n77	DFT-QPSK100M	Left Side	656000	1	1	Ant 1	DSI 5	100	15.00	13.66	-0.13	0.145	1.000	1.361	**0.20**
	FR1 n77	DFT-QPSK100M	Front Face	656000	135	69	Ant 1	DSI 5	100	15.00	13.63	0.12	0.045	1.000	1.371	0.06
	FR1 n77	DFT-QPSK100M	Rear Face	656000	135	69	Ant 1	DSI 5	100	15.00	13.63	0.01	0.062	1.000	1.371	0.09
	FR1 n77	DFT-QPSK100M	Left Side	656000	135	69	Ant 1	DSI 5	100	15.00	13.63	0.06	0.125	1.000	1.371	0.17
	PC2_FR1 n77	DFT-QPSK100M	Left Side	656000	1	1	Ant 1	DSI 5	50	17.00	15.81	0.18	0.125	1.000	1.315	0.16
	FR1 n77	DFT-QPSK100M	Front Face	633334	1	1	Ant 2	DSI 5	100	12.50	12.13	-0.10	0.047	1.000	1.089	0.05
	FR1 n77	DFT-QPSK100M	Rear Face	633334	1	1	Ant 2	DSI 5	100	12.50	12.13	-0.10	0.077	1.000	1.089	0.08
	FR1 n77	DFT-QPSK100M	Left Side	633334	1	1	Ant 2	DSI 5	100	12.50	12.13	0.19	0.025	1.000	1.089	0.03
	FR1 n77	DFT-QPSK100M	Top Side	633334	1	1	Ant 2	DSI 5	100	12.50	12.13	0.12	0.088	1.000	1.089	0.10
	FR1 n77	DFT-QPSK100M	Front Face	633334	135	69	Ant 2	DSI 5	100	12.50	12.10	-0.05	0.055	1.000	1.096	0.06
	FR1 n77	DFT-QPSK100M	Rear Face	633334	135	69	Ant 2	DSI 5	100	12.50	12.10	-0.09	0.090	1.000	1.096	0.10
	FR1 n77	DFT-QPSK100M	Left Side	633334	135	69	Ant 2	DSI 5	100	12.50	12.10	0.12	0.027	1.000	1.096	0.03
	FR1 n77	DFT-QPSK100M	Top Side	633334	135	69	Ant 2	DSI 5	100	12.50	12.10	-0.03	0.092	1.000	1.096	**0.10**
	PC2_FR1 n77	DFT-QPSK100M	Top Side	633334	135	69	Ant 2	DSI 5	50	14.50	13.60	-0.18	0.072	1.000	1.230	0.09
	FR1 n77	DFT-QPSK100M	Front Face	662000	1	1	Ant 2	DSI 5	100	12.50	11.93	-0.07	0.037	1.000	1.140	0.04
	FR1 n77	DFT-QPSK100M	Rear Face	662000	1	1	Ant 2	DSI 5	100	12.50	11.93	0.12	0.072	1.000	1.140	0.08
	FR1 n77	DFT-QPSK100M	Left Side	662000	1	1	Ant 2	DSI 5	100	12.50	11.93	-0.01	0.016	1.000	1.140	0.02
	FR1 n77	DFT-QPSK100M	Top Side	662000	1	1	Ant 2	DSI 5	100	12.50	11.93	-0.08	0.081	1.000	1.140	**0.09**
	FR1 n77	DFT-QPSK100M	Front Face	662000	135	69	Ant 2	DSI 5	100	12.50	11.84	-0.07	0.036	1.000	1.164	0.04
	FR1 n77	DFT-QPSK100M	Rear Face	662000	135	69	Ant 2	DSI 5	100	12.50	11.84	0.16	0.059	1.000	1.164	0.07
	FR1 n77	DFT-QPSK100M	Left Side	662000	135	69	Ant 2	DSI 5	100	12.50	11.84	-0.07	0.014	1.000	1.164	0.02
	FR1 n77	DFT-QPSK100M	Top Side	662000	135	69	Ant 2	DSI 5	100	12.50	11.84	0.17	0.077	1.000	1.164	0.09
	PC2_FR1 n77	DFT-QPSK100M	Top Side	662000	1	1	Ant 2	DSI 5	50	14.50	14.00	-0.11	0.067	1.000	1.122	0.08
	FR1 n77 / 78	DFT-QPSK100M	Front Face	633334	1	1	Ant 3	DSI 5	100	18.00	17.27	-0.01	0.185	1.000	1.183	0.22
	FR1 n77 / 78	DFT-QPSK100M	Rear Face	633334	1	1	Ant 3	DSI 5	100	18.00	17.27	-0.13	0.221	1.000	1.183	0.26
	FR1 n77 / 78	DFT-QPSK100M	Right Side	633334	1	1	Ant 3	DSI 5	100	18.00	17.27	-0.05	0.369	1.000	1.183	**0.44**
	FR1 n77 / 78	DFT-QPSK100M	Front Face	633334	135	69	Ant 3	DSI 5	100	18.00	17.24	0.07	0.183	1.000	1.191	0.22
	FR1 n77 / 78	DFT-QPSK100M	Rear Face	633334	135	69	Ant 3	DSI 5	100	18.00	17.24	0.01	0.232	1.000	1.191	0.28
	FR1 n77 / 78	DFT-QPSK100M	Right Side	633334	135	69	Ant 3	DSI 5	100	18.00	17.24	-0.14	0.347	1.000	1.191	0.41
	PC2_FR1 n77 / 78	DFT-QPSK100M	Right Side	633334	1	1	Ant 3	DSI 5	50	20.00	19.41	-0.17	0.291	1.000	1.146	0.33
	FR1 n77	DFT-QPSK100M	Front Face	650000	1	1	Ant 3	DSI 5	100	18.00	17.35	0.08	0.172	1.000	1.161	0.20
	FR1 n77	DFT-QPSK100M	Rear Face	650000	1	1	Ant 3	DSI 5	100	18.00	17.35	0.14	0.220	1.000	1.161	0.26
	FR1 n77	DFT-QPSK100M	Right Side	650000	1	1	Ant 3	DSI 5	100	18.00	17.35	0.07	0.350	1.000	1.161	**0.41**
	FR1 n77	DFT-QPSK100M	Front Face	650000	135	69	Ant 3	DSI 5	100	18.00	17.32	0.07	0.159	1.000	1.169	0.19
	FR1 n77	DFT-QPSK100M	Rear Face	650000	135	69	Ant 3	DSI 5	100	18.00	17.32	0.05	0.218	1.000	1.169	0.26
	FR1 n77	DFT-QPSK100M	Right Side	650000	135	69	Ant 3	DSI 5	100	18.00	17.32	0.08	0.344	1.000	1.169	0.40
	PC2_FR1 n77	DFT-QPSK100M	Right Side	650000	1	1	Ant 3	DSI 5	50	20.00	18.75	0.10	0.295	1.000	1.334	0.39
	FR1 n77 / 78	DFT-QPSK100M	Front Face	633334	1	1	Ant 7	DSI 5	100	16.00	14.95	0.11	0.034	1.000	1.274	0.04
	FR1 n77 / 78	DFT-QPSK100M	Rear Face	633334	1	1	Ant 7	DSI 5	100	16.00	14.95	-0.05	0.309	1.000	1.274	**0.39**
	FR1 n77 / 78	DFT-QPSK100M	Left Side	633334	1	1	Ant 7	DSI 5	100	16.00	14.95	0.08	0.093	1.000	1.274	0.12
	FR1 n77 / 78	DFT-QPSK100M	Top Side	633334	1	1	Ant 7	DSI 5	100	16.00	14.95	-0.11	0.034	1.000	1.274	0.04
	FR1 n77 / 78	DFT-QPSK100M	Front Face	633334	135	69	Ant 7	DSI 5	100	16.00	14.92	0.01	0.027	1.000	1.282	0.04
	FR1 n77 / 78	DFT-QPSK100M	Rear Face	633334	135	69	Ant 7	DSI 5	100	16.00	14.92	-0.15	0.294	1.000	1.282	0.38
	FR1 n77 / 78	DFT-QPSK100M	Left Side	633334	135	69	Ant 7	DSI 5	100	16.00	14.92	0.11	0.092	1.000	1.282	0.12
	FR1 n77 / 78	DFT-QPSK100M	Top Side	633334	135	69	Ant 7	DSI 5	100	16.00	14.92	0.12	0.030	1.000	1.282	0.04
	PC2_FR1 n77 / 78	DFT-QPSK100M	Rear Face	633334	1	1	Ant 7	DSI 5	50	18.00	16.70	-0.01	0.248	1.000	1.349	0.34
	FR1 n77	DFT-QPSK100M	Front Face	656000	1	1	Ant 7	DSI 5	100	16.00	15.00	0.11	0.009	1.000	1.259	0.01
P81	FR1 n77	DFT-QPSK100M	Rear Face	656000	1	1	Ant 7	DSI 5	100	16.00	15.00	-0.08	0.456	1.000	1.259	**0.57**
	FR1 n77	DFT-QPSK100M	Left Side	656000	1	1	Ant 7	DSI 5	100	16.00	15.00	0.14	0.053	1.000	1.259	0.07
	FR1 n77	DFT-QPSK100M	Top Side	656000	1	1	Ant 7	DSI 5	100	16.00	15.00	0.15	0.027	1.000	1.259	0.03
	FR1 n77	DFT-QPSK100M	Front Face	656000	135	69	Ant 7	DSI 5	100	16.00	14.97	-0.18	0.008	1.000	1.268	0.01
	FR1 n77	DFT-QPSK100M	Rear Face	656000	135	69	Ant 7	DSI 5	100	16.00	14.97	-0.12	0.412	1.000	1.268	0.52
	FR1 n77	DFT-QPSK100M	Left Side	656000	135	69	Ant 7	DSI 5	100	16.00	14.97	-0.04	0.054	1.000	1.268	0.07
	FR1 n77	DFT-QPSK100M	Top Side	656000	135	69	Ant 7	DSI 5	100	16.00	14.97	-0.13	0.030	1.000	1.268	0.04
	PC2_FR1 n77	DFT-QPSK100M	Rear Face	656000	1	1	Ant 7	DSI 5	50	18.00	16.79	0.00	0.341	1.000	1.321	0.45
	FR1 n78	DFT-QPSK100M	Front Face	633334	1	1	Ant 2	DSI 5	100	13.00	12.52	0.09	0.048	1.000	1.117	0.05
	FR1 n78	DFT-QPSK100M	Rear Face	633334	1	1	Ant 2	DSI 5	100	13.00	12.52	0.15	0.072	1.000	1.117	0.08
	FR1 n78	DFT-QPSK100M	Left Side	633334	1	1	Ant 2	DSI 5	100	13.00	12.52	0.13	0.029	1.000	1.117	0.03
	FR1 n78	DFT-QPSK100M	Top Side	633334	1	1	Ant 2	DSI 5	100	13.00	12.52	-0.19	0.079	1.000	1.117	0.09

Plot No.	Band	Mode	Test Position	Ch.	RB Size	RB Offset	Antenna	Power State	Duty Cycle %	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Power Drift (dB)	Measured SAR-1g (W/kg)	Duty Cycle Scaling Factor	Tune-up Scaling Factor	Scaled SAR-1g (W/kg)
	FR1 n78	DFT-QPSK100M	Front Face	633334	135	69	Ant 2	DSI 5	100	13.00	12.50	0.11	0.042	1.000	1.122	0.05
	FR1 n78	DFT-QPSK100M	Rear Face	633334	135	69	Ant 2	DSI 5	100	13.00	12.50	0.19	0.074	1.000	1.122	0.08
	FR1 n78	DFT-QPSK100M	Left Side	633334	135	69	Ant 2	DSI 5	100	13.00	12.50	0.19	0.022	1.000	1.122	0.03
P82	FR1 n78	DFT-QPSK100M	Top Side	633334	135	69	Ant 2	DSI 5	100	13.00	12.50	-0.04	0.082	1.000	1.122	**0.09**
	PC2_FR1 n78	DFT-QPSK100M	Top Side	633334	135	69	Ant 2	DSI 5	50	15.00	14.04	-0.13	0.071	1.000	1.247	0.09
	WLAN 2.4G	802.11ax HE20	Front Face	1	-	-	MIMO	DSI 8	99.63	19.00	18.08	0.12	0.123	1.004	1.236	0.15
	WLAN 2.4G	802.11ax HE20	Rear Face	1	-	-	MIMO	DSI 8	99.63	19.00	18.08	-0.06	0.112	1.004	1.236	0.14
	WLAN 2.4G	802.11ax HE20	Left Side	1	-	-	MIMO	DSI 8	99.63	19.00	18.08	0.00	0.000	1.004	1.236	0.00
P83	WLAN 2.4G	802.11ax HE20	Right Side	1	-	-	MIMO	DSI 8	99.63	19.00	18.08	-0.01	0.229	1.004	1.236	**0.28**
	WLAN 2.4G	802.11ax HE20	Top Side	1	-	-	MIMO	DSI 8	99.63	19.00	18.08	0.04	0.173	1.004	1.236	0.22
	WLAN 5G	802.11n HT20	Front Face	40	-	-	MIMO	DSI 8	99.67	20.00	18.65	0.15	0.101	1.003	1.366	0.14
	WLAN 5G	802.11n HT20	Rear Face	40	-	-	MIMO	DSI 8	99.67	20.00	18.65	0.00	0.137	1.003	1.366	0.19
	WLAN 5G	802.11n HT20	Left Side	40	-	-	MIMO	DSI 8	99.67	20.00	18.65	0.03	0.050	1.003	1.366	0.07
P84	WLAN 5G	802.11n HT20	Right Side	40	-	-	MIMO	DSI 8	99.67	20.00	18.65	-0.02	0.309	1.003	1.366	**0.42**
	WLAN 5G	802.11n HT20	Top Side	40	-	-	MIMO	DSI 8	99.67	20.00	18.65	-0.12	0.239	1.003	1.366	0.33
	WLAN 5G	802.11be HE20	Front Face	157	-	-	MIMO	DSI 8	99.63	17.00	15.85	0.01	0.134	1.004	1.302	0.18
	WLAN 5G	802.11be HE20	Rear Face	157	-	-	MIMO	DSI 8	99.63	17.00	15.85	-0.12	0.170	1.004	1.302	0.22
	WLAN 5G	802.11be HE20	Left Side	157	-	-	MIMO	DSI 8	99.63	17.00	15.85	0.02	0.076	1.004	1.302	0.10
	WLAN 5G	802.11be HE20	Right Side	157	-	-	MIMO	DSI 8	99.63	17.00	15.85	0.02	0.199	1.004	1.302	0.26
P85	WLAN 5G	802.11be HE20	Top Side	157	-	-	MIMO	DSI 8	99.63	17.00	15.85	0.01	0.224	1.004	1.302	**0.29**
P86	BT	GFSK	Front Face	0	-	-	MIMO	DSI 8	45.96	20.00	18.84	0.01	0.106	1.812	1.306	**0.25**
	BT	GFSK	Rear Face	0	-	-	MIMO	DSI 8	45.96	20.00	18.84	0.19	0.038	1.812	1.306	0.09
	BT	GFSK	Left Side	0	-	-	MIMO	DSI 8	45.96	20.00	18.84	-0.14	0.000	1.812	1.306	0.00
	BT	GFSK	Right Side	0	-	-	MIMO	DSI 8	45.96	20.00	18.84	-0.14	0.000	1.812	1.306	0.00
	BT	GFSK	Top Side	0	-	-	MIMO	DSI 8	45.96	20.00	18.84	0.19	0.000	1.812	1.306	0.00

4.6.5 SAR Results for Extremity Exposure Condition (Separation Distance is 0 cm Gap)

Plot No.	Band	Mode	Test Position	Separation Distance (cm)	Ch.	RB Size	RB Offset	Antenna	Power State	Duty Cycle %	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Power Drift (dB)	Measured SAR-10g (W/kg)	Duty Cycle Scaling Factor	Tune-up Scaling Factor	Scaled SAR-10g (W/kg)
P87	GSM850	GPRS 3Tx Slot	Left Side	0	189	-	-	Ant 1	DSI 3/4	-	28.80	28.24	0.03	2.090	1.000	1.138	**2.38**
	GSM850	GPRS 3Tx Slot	Left Side	0	128	-	-	Ant 1	DSI 3/4	-	28.80	28.06	0.18	1.400	1.000	1.186	1.66
	GSM850	GPRS 3Tx Slot	Left Side	0	251	-	-	Ant 1	DSI 3/4	-	28.80	27.87	-0.16	1.130	1.000	1.239	1.40
P88	WCDMA II	RMC 12.2K	Top Side	0	9262	-	-	Ant 2	DSI 3	-	22.00	21.20	0.00	1.290	1.000	1.202	**1.55**
	WCDMA II	RMC 12.2K	Top Side	0.5	9262	-	-	Ant 2	DSI 4	-	25.00	24.18	0.19	1.260	1.000	1.208	1.52
	WCDMA IV	RMC 12.2K	Rear Face	0	1413	-	-	Ant 2	DSI 3	-	22.00	21.48	-0.16	1.710	1.000	1.127	1.93
	WCDMA IV	RMC 12.2K	Top Side	0	1413	-	-	Ant 2	DSI 3	-	22.00	21.48	-0.02	1.910	1.000	1.127	2.15
	WCDMA IV	RMC 12.2K	Top Side	0	1312	-	-	Ant 2	DSI 3	-	22.00	21.39	0.17	1.770	1.000	1.151	2.04
	WCDMA IV	RMC 12.2K	Top Side	0	1513	-	-	Ant 2	DSI 3	-	22.00	21.36	-0.11	1.740	1.000	1.159	2.02
	WCDMA IV	RMC 12.2K	Rear Face	0.5	1413	-	-	Ant 2	DSI 4	-	25.00	24.43	0.16	1.470	1.000	1.140	1.68
P89	WCDMA IV	RMC 12.2K	Top Side	0.5	1413	-	-	Ant 2	DSI 4	-	25.00	24.43	-0.16	2.210	1.000	1.140	**2.52**
	WCDMA IV	RMC 12.2K	Top Side	0.5	1312	-	-	Ant 2	DSI 4	-	25.00	24.32	-0.05	1.900	1.000	1.169	2.22
	WCDMA IV	RMC 12.2K	Top Side	0.5	1513	-	-	Ant 2	DSI 4	-	25.00	24.38	-0.11	1.920	1.000	1.153	2.22
	WCDMA IV	RMC 12.2K	Bottom Side	0	1513	-	-	Ant 0	DSI 3/4	-	21.00	20.49	0.19	1.300	1.000	1.125	1.46
	WCDMA IV	RMC 12.2K	Right Side	0	1513	-	-	Ant 3	DSI 3	-	21.50	20.76	-0.10	0.959	1.000	1.186	1.14
	WCDMA IV	RMC 12.2K	Right Side	0.5	1513	-	-	Ant 3	DSI 4	-	24.50	23.80	-0.08	1.670	1.000	1.175	**1.96**
P90	WCDMA V	RMC 12.2K	Front Face	0	4132	-	-	Ant 1	DSI 3/4	-	22.50	21.29	0.01	1.120	1.000	1.321	**1.48**
	WCDMA V	RMC 12.2K	Rear Face	0	4132	-	-	Ant 1	DSI 3/4	-	22.50	21.29	0.13	0.926	1.000	1.321	1.22
	WCDMA V	RMC 12.2K	Left Side	0	4132	-	-	Ant 1	DSI 3/4	-	22.50	21.29	-0.02	0.843	1.000	1.321	1.11
	LTE B2	QPSK20M	Top Side	0	19100	1	50	Ant 2	DSI 3	-	23.00	21.94	-0.17	1.600	1.000	1.276	2.04
	LTE B2	QPSK20M	Top Side	0	19100	50	25	Ant 2	DSI 3	-	23.00	21.93	0.07	1.450	1.000	1.279	1.86
	LTE B2	QPSK20M	Top Side	0	18700	1	50	Ant 2	DSI 3	-	23.00	21.88	0.05	1.530	1.000	1.294	1.98
	LTE B2	QPSK20M	Top Side	0	18900	1	50	Ant 2	DSI 3	-	23.00	21.87	-0.10	1.480	1.000	1.297	1.92
	LTE B2	QPSK20M	Top Side	0	18700	50	25	Ant 2	DSI 3	-	23.00	21.89	-0.01	1.440	1.000	1.291	1.86
	LTE B2	QPSK20M	Top Side	0	18900	50	25	Ant 2	DSI 3	-	23.00	21.89	-0.09	1.530	1.000	1.291	1.98
P91	LTE B2	QPSK20M	Top Side	0	19100	100	0	Ant 2	DSI 3	-	23.00	21.89	-0.01	1.750	1.000	1.291	**2.26**
	LTE B2	QPSK20M	Top Side	0.5	19100	1	50	Ant 2	DSI 4	-	25.00	23.79	-0.13	1.110	1.000	1.321	1.47
	LTE B2	QPSK20M	Top Side	0.5	19100	50	25	Ant 2	DSI 4	-	24.00	22.73	-0.16	0.867	1.000	1.340	1.16
	LTE B4	QPSK20M	Right Side	0	20050	1	50	Ant 3	DSI 3	-	22.00	21.33	-0.15	1.110	1.000	1.167	1.30
	LTE B4	QPSK20M	Right Side	0	20050	50	50	Ant 3	DSI 3	-	22.00	21.31	-0.19	1.050	1.000	1.172	1.23
	LTE B4	QPSK20M	Right Side	0.5	20050	1	50	Ant 3	DSI 4	-	25.50	24.67	0.15	1.630	1.000	1.211	**1.97**
	LTE B4	QPSK20M	Right Side	0.5	20050	50	50	Ant 3	DSI 4	-	24.50	23.79	-0.10	1.380	1.000	1.178	1.63
	LTE B4	QPSK20M	Left Side	0	20175	1	50	Ant 4	DSI 3/4	-	21.50	20.65	-0.06	1.530	1.000	1.216	1.86
P92	LTE B4	QPSK20M	Left Side	0	20175	50	50	Ant 4	DSI 3/4	-	21.50	20.64	-0.03	1.840	1.000	1.219	**2.24**
	LTE B4	QPSK20M	Left Side	0	20050	50	50	Ant 4	DSI 3/4	-	21.50	20.61	-0.06	1.740	1.000	1.227	2.14
	LTE B4	QPSK20M	Left Side	0	20300	50	50	Ant 4	DSI 3/4	-	21.50	20.54	0.11	1.770	1.000	1.247	2.21
	LTE B4	QPSK20M	Left Side	0	20175	100	0	Ant 4	DSI 3/4	-	21.50	20.48	0.11	1.770	1.000	1.265	2.24
	LTE B5	QPSK10M	Front Face	0	20450	1	24	Ant 1	DSI 3/4	-	22.00	20.98	-0.12	0.930	1.000	1.265	1.18
	LTE B5	QPSK10M	Rear Face	0	20450	1	24	Ant 1	DSI 3/4	-	22.00	20.98	-0.08	0.613	1.000	1.265	0.78
	LTE B5	QPSK10M	Left Side	0	20450	1	24	Ant 1	DSI 3/4	-	22.00	20.98	0.00	0.716	1.000	1.265	0.91
P93	LTE B5	QPSK10M	Front Face	0	20450	25	12	Ant 1	DSI 3/4	-	22.00	20.87	-0.01	0.962	1.000	1.297	**1.25**
	LTE B5	QPSK10M	Rear Face	0	20450	25	12	Ant 1	DSI 3/4	-	22.00	20.87	-0.11	0.340	1.000	1.297	0.44
	LTE B5	QPSK10M	Left Side	0	20450	25	12	Ant 1	DSI 3/4	-	22.00	20.87	0.02	0.738	1.000	1.297	0.96
	LTE B5(Other PA)	QPSK10M	Front Face	0	20450	25	12	Ant 1	DSI 3/4	-	21.50	20.48	0.18	0.933	1.000	1.265	1.18
	LTE B7(Other PA)	QPSK20M	Bottom Side	0	21350	1	0	Ant 0	DSI 3/4	-	21.50	21.19	0.11	1.190	1.000	1.074	**1.28**
	LTE B7(Other PA)	QPSK20M	Bottom Side	0	21350	50	0	Ant 0	DSI 3/4	-	21.50	21.17	0.17	1.130	1.000	1.079	1.22

Plot No.	Band	Mode	Test Position	Separation Distance (cm)	Ch.	RB Size	RB Offset	Antenna	Power State	Duty Cycle %	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Power Drift (dB)	Measured SAR-10g (W/kg)	Duty Cycle Scaling Factor	Tune-up Scaling Factor	Scaled SAR-10g (W/kg)
	LTE B7C	QPSK20M	Bottom Side	0	PCC:20850 SCC:21048	PCC:1 SCC:1	PCC:99 SCC:0	Ant 0	DSI 3/4	-	21.00	20.08	-0.08	1.020	1.000	1.236	1.26
	LTE B7	QPSK20M	Bottom Side	0	21350	1	0	Ant 0	DSI 3/4	-	21.00	20.86	0.11	1.080	1.000	1.033	1.12
	LTE B7	QPSK20M	Front Face	0	21100	1	0	Ant 2	DSI 3	-	18.50	17.84	-0.09	1.030	1.000	1.164	1.20
	LTE B7	QPSK20M	Rear Face	0	21100	1	0	Ant 2	DSI 3	-	18.50	17.84	0.06	1.160	1.000	1.164	1.35
	LTE B7	QPSK20M	Top Side	0	21100	1	0	Ant 2	DSI 3	-	18.50	17.84	0.00	1.400	1.000	1.164	1.63
	LTE B7	QPSK20M	Front Face	0	21100	50	0	Ant 2	DSI 3	-	18.50	17.76	0.01	1.100	1.000	1.186	1.30
	LTE B7	QPSK20M	Rear Face	0	21100	50	0	Ant 2	DSI 3	-	18.50	17.76	-0.02	1.140	1.000	1.186	1.35
	LTE B7	QPSK20M	Top Side	0	21100	50	0	Ant 2	DSI 3	-	18.50	17.76	-0.14	1.330	1.000	1.186	1.58
	LTE B7	QPSK20M	Front Face	0.5	21100	1	0	Ant 2	DSI 4	-	23.50	22.67	-0.05	0.935	1.000	1.211	1.13
	LTE B7	QPSK20M	Rear Face	0.5	21100	1	0	Ant 2	DSI 4	-	23.50	22.67	0.18	1.350	1.000	1.211	1.63
	LTE B7	QPSK20M	Top Side	0.5	21100	1	0	Ant 2	DSI 4	-	23.50	22.67	-0.01	1.990	1.000	1.211	2.41
	LTE B7	QPSK20M	Front Face	0.5	21100	50	0	Ant 2	DSI 4	-	23.50	22.59	0.03	0.912	1.000	1.233	1.13
	LTE B7	QPSK20M	Rear Face	0.5	21100	50	0	Ant 2	DSI 4	-	23.50	22.59	-0.07	1.300	1.000	1.233	1.60
	LTE B7	QPSK20M	Top Side	0.5	21100	50	0	Ant 2	DSI 4	-	23.50	22.59	0.17	1.920	1.000	1.233	2.37
	LTE B7	QPSK20M	Top Side	0.5	20850	1	0	Ant 2	DSI 4	-	23.50	22.65	-0.05	0.910	1.000	1.216	1.11
	LTE B7	QPSK20M	Top Side	0.5	21350	1	0	Ant 2	DSI 4	-	23.50	22.51	-0.12	1.910	1.000	1.256	2.40
	LTE B7	QPSK20M	Top Side	0.5	20850	50	0	Ant 2	DSI 4	-	23.50	22.43	-0.03	1.930	1.000	1.279	2.47
	LTE B7	QPSK20M	Top Side	0.5	21350	50	0	Ant 2	DSI 4	-	23.50	22.46	0.15	1.880	1.000	1.271	2.39
	LTE B7	QPSK20M	Top Side	0.5	21100	100	0	Ant 2	DSI 4	-	23.50	22.61	0.07	2.030	1.000	1.227	**2.49**
	LTE B7C	QPSK20M	Top Side	0.5	PCC:20850 SCC:21048	PCC:1 SCC:1	PCC:99 SCC:0	Ant 2	DSI 4	-	23.50	22.48	-0.16	1.940	1.000	1.265	2.45
	LTE B7(Other PA)	QPSK20M	Top Side	0.5	21100	100	0	Ant 2	DSI 4	-	23.50	22.65	0.04	1.920	1.000	1.216	2.34
	LTE B7	QPSK20M	Right Side	0	21100	1	50	Ant 3	DSI 3	-	20.50	19.07	0.13	1.210	1.000	1.390	**1.68**
	LTE B7	QPSK20M	Right Side	0	21100	50	0	Ant 3	DSI 3	-	20.50	19.01	0.16	1.190	1.000	1.409	1.68
	LTE B7	QPSK20M	Right Side	0.5	21100	1	50	Ant 3	DSI 4	-	25.50	24.06	-0.12	1.190	1.000	1.393	1.66
	LTE B7	QPSK20M	Right Side	0.5	21100	50	0	Ant 3	DSI 4	-	24.50	23.01	-0.08	1.020	1.000	1.409	1.44
	LTE B7C	QPSK20M	Right Side	0	PCC:21152 SCC:21350	PCC:1 SCC:1	PCC:99 SCC:0	Ant 3	DSI 3	-	20.50	19.46	0.17	1.130	1.000	1.271	1.44
	LTE B7(Other PA)	QPSK20M	Right Side	0	21100	1	50	Ant 3	DSI 3	-	20.50	19.10	-0.16	1.180	1.000	1.380	1.63
	LTE B7	QPSK20M	Front Face	0	21100	1	50	Ant 4	DSI 3/4	-	18.50	17.18	0.03	1.150	1.000	1.355	1.56
	LTE B7	QPSK20M	Rear Face	0	21100	1	50	Ant 4	DSI 3/4	-	18.50	17.18	-0.18	1.270	1.000	1.355	1.72
	LTE B7	QPSK20M	Left Side	0	21100	1	50	Ant 4	DSI 3/4	-	18.50	17.18	-0.05	1.630	1.000	1.355	2.21
	LTE B7	QPSK20M	Front Face	0	21100	50	0	Ant 4	DSI 3/4	-	18.50	17.05	-0.17	1.090	1.000	1.396	1.52
	LTE B7	QPSK20M	Rear Face	0	21100	50	0	Ant 4	DSI 3/4	-	18.50	17.05	-0.10	1.260	1.000	1.396	1.76
	LTE B7	QPSK20M	Left Side	0	21100	50	0	Ant 4	DSI 3/4	-	18.50	17.05	0.17	1.750	1.000	1.396	2.44
	LTE B7	QPSK20M	Left Side	0	20850	1	50	Ant 4	DSI 3/4	-	18.50	17.16	0.09	1.730	1.000	1.361	2.36
	LTE B7	QPSK20M	Left Side	0	21350	1	50	Ant 4	DSI 3/4	-	18.50	17.12	-0.11	1.570	1.000	1.374	2.16
P94	LTE B7	QPSK20M	Left Side	0	20850	50	0	Ant 4	DSI 3/4	-	18.50	16.98	0.01	1.780	1.000	1.419	**2.53**
	LTE B7	QPSK20M	Left Side	0	21350	50	0	Ant 4	DSI 3/4	-	18.50	17.02	0.19	1.620	1.000	1.406	2.28
	LTE B7	QPSK20M	Left Side	0	21100	100	0	Ant 4	DSI 3/4	-	18.50	17.11	0.12	1.650	1.000	1.377	2.27
	LTE B7C	QPSK20M	Left Side	0	PCC:20850 SCC:21048	PCC:1 SCC:1	PCC:99 SCC:0	Ant 4	DSI 3/4	-	18.50	17.45	0.06	1.700	1.000	1.274	2.17
	LTE B7(Other PA)	QPSK20M	Left Side	0	20850	50	0	Ant 4	DSI 3/4	-	18.50	17.00	0.14	1.740	1.000	1.413	2.46
	LTE B26	QPSK15M	Front Face	0	26865	1	37	Ant 1	DSI 3/4	-	22.00	21.42	0.01	0.962	1.000	1.143	1.10
P95	LTE B26	QPSK15M	Rear Face	0	26865	1	37	Ant 1	DSI 3/4	-	22.00	21.42	0.03	1.110	1.000	1.143	**1.27**
	LTE B26	QPSK15M	Left Side	0	26865	1	37	Ant 1	DSI 3/4	-	22.00	21.42	-0.08	0.703	1.000	1.143	0.80
	LTE B26	QPSK15M	Front Face	0	26865	36	19	Ant 1	DSI 3/4	-	22.00	21.41	0.16	1.000	1.000	1.146	1.15
	LTE B26	QPSK15M	Rear Face	0	26865	36	19	Ant 1	DSI 3/4	-	22.00	21.41	0.12	0.955	1.000	1.146	1.09
	LTE B26	QPSK15M	Left Side	0	26865	36	19	Ant 1	DSI 3/4	-	22.00	21.41	-0.01	0.806	1.000	1.146	0.92
	LTE B38	QPSK20M	Rear Face	0	38000	1	50	Ant 2	DSI 3	62.9	21.00	20.16	-0.09	1.000	1.006	1.213	1.22
	LTE B38	QPSK20M	Top Side	0	38000	1	50	Ant 2	DSI 3	62.9	21.00	20.16	0.03	1.390	1.006	1.213	1.70
	LTE B38	QPSK20M	Rear Face	0	38000	50	25	Ant 2	DSI 3	62.9	21.00	20.14	0.01	0.954	1.006	1.219	1.17
	LTE B38	QPSK20M	Top Side	0	38000	50	25	Ant 2	DSI 3	62.9	21.00	20.14	-0.07	1.280	1.006	1.219	1.57
	LTE B38	QPSK20M	Rear Face	0.5	38000	1	50	Ant 2	DSI 4	62.9	25.50	24.68	0.17	0.961	1.006	1.208	1.17
P96	LTE B38	QPSK20M	Top Side	0.5	38000	1	50	Ant 2	DSI 4	62.9	25.50	24.68	0.01	1.620	1.006	1.208	1.97
	LTE B38	QPSK20M	Rear Face	0.5	38000	50	25	Ant 2	DSI 4	62.9	24.50	23.67	-0.01	0.758	1.006	1.211	0.92
	LTE B38	QPSK20M	Top Side	0.5	38000	50	25	Ant 2	DSI 4	62.9	24.50	23.67	0.10	1.220	1.006	1.211	1.49
	LTE B38C	QPSK20M	Top Side	0.5	PCC:37850 SCC:38048	PCC:1 SCC:1	PCC:99 SCC:0	Ant 2	DSI 4	62.9	25.50	23.86	-0.02	1.550	1.006	1.459	**2.28**
	LTE B38(Other PA)	QPSK20M	Top Side	0.5	38000	1	50	Ant 2	DSI 4	62.9	25.50	24.61	0.13	1.580	1.006	1.227	1.95
	LTE B38	QPSK20M	Left Side	0	38150	1	0	Ant 4	DSI 3/4	62.9	20.00	18.45	0.17	1.060	1.006	1.429	**1.52**
	LTE B38	QPSK20M	Left Side	0	38150	50	0	Ant 4	DSI 3/4	62.9	20.00	18.41	-0.16	1.040	1.006	1.442	1.51
	LTE B38C	QPSK20M	Left Side	0	PCC:37850 SCC:38048	PCC:1 SCC:1	PCC:99 SCC:0	Ant 4	DSI 3/4	62.9	20.00	18.63	0.02	0.976	1.006	1.371	1.35
	LTE B38(Other PA)	QPSK20M	Left Side	0	38150	1	0	Ant 4	DSI 3/4	62.9	20.00	18.26	0.05	0.983	1.006	1.493	1.48
	LTE B41	QPSK20M	Rear Face	0	39750	1	0	Ant 2	DSI 3	62.9	21.50	20.85	-0.06	1.460	1.006	1.161	1.71
	LTE B41	QPSK20M	Top Side	0	39750	1	0	Ant 2	DSI 3	62.9	21.50	20.85	-0.11	1.640	1.006	1.161	1.92
	LTE B41	QPSK20M	Rear Face	0	39750	50	25	Ant 2	DSI 3	62.9	21.50	20.72	0.12	1.450	1.006	1.197	1.75
	LTE B41	QPSK20M	Top Side	0	39750	50	25	Ant 2	DSI 3	62.9	21.50	20.72	-0.01	1.840	1.006	1.197	**2.22**
	LTE B41	QPSK20M	Top Side	0	40185	50	25	Ant 2	DSI 3	62.9	21.50	20.75	-0.13	1.450	1.006	1.189	1.73
	LTE B41	QPSK20M	Top Side	0	40620	50	25	Ant 2	DSI 3	62.9	21.50	20.63	-0.11	1.490	1.006	1.222	1.83
	LTE B41	QPSK20M	Top Side	0	41055	50	25	Ant 2	DSI 3	62.9	21.50	20.62	0.03	1.540	1.006	1.225	1.90
	LTE B41	QPSK20M	Top Side	0	41490	50	25	Ant 2	DSI 3	62.9	21.50	20.70	0.09	1.500	1.006	1.202	1.81
	LTE B41	QPSK20M	Top Side	0	39750	100	0	Ant 2	DSI 3	62.9	21.50	20.78	-0.15	1.570	1.006	1.180	1.86
	LTE B41	QPSK20M	Rear Face	0.5	39750	1	0	Ant 2	DSI 4	62.9	25.50	24.79	-0.17	1.330	1.006	1.178	1.58
	LTE B41	QPSK20M	Top Side	0.5	39750	1	0	Ant 2	DSI 4	62.9	25.50	24.79	-0.15	1.800	1.006	1.178	2.13
	LTE B41	QPSK20M	Rear Face	0.5	39750	50	25	Ant 2	DSI 4	62.9	24.50	23.78	0.00	1.060	1.006	1.180	1.26
	LTE B41	QPSK20M	Top Side	0.5	39750	50	25	Ant 2	DSI 4	62.9	24.50	23.78	-0.09	1.450	1.006	1.180	1.72
	LTE B41	QPSK20M	Top Side	0.5	40185	1	0	Ant 2	DSI 4	62.9	25.50	24.62	0.18	1.770	1.006	1.225	2.18
	LTE B41	QPSK20M	Top Side	0.5	40620	1	0	Ant 2	DSI 4	62.9	25.50	24.59	0.10	1.590	1.006	1.233	1.97
	LTE B41	QPSK20M	Top Side	0.5	41055	1	0	Ant 2	DSI 4	62.9	25.50	24.56	0.03	1.350	1.006	1.242	1.69
	LTE B41	QPSK20M	Top Side	0.5	41490	1	0	Ant 2	DSI 4	62.9	25.50	24.53	-0.10	1.170	1.006	1.250	1.47
	LTE B41	QPSK20M	Top Side	0.5	39750	100	0	Ant 2	DSI 4	62.9	24.50	23.72	-0.02	1.450	1.006	1.197	1.75
	LTE B41C	QPSK20M	Top Side	0	PCC:39750 SCC:39948	PCC:1 SCC:1	PCC:99 SCC:0	Ant 2	DSI 3	62.9	21.50	20.87	-0.02	1.780	1.006	1.156	2.07
	LTE B41(Other PA)	QPSK20M	Top Side	0	39750	50	25	Ant 2	DSI 3	62.9	21.50	20.68	0.12	1.720	1.006	1.208	2.09
	LTE B41 / 38(Other PA)	QPSK20M	Left Side	0	39750	1	0	Ant 4	DSI 3/4	62.9	20.50	19.59	-0.06	1.850	1.006	1.233	2.30
P97	LTE B41 / 38(Other PA)	QPSK20M	Left Side	0	39750	50	0	Ant 4	DSI 3/4	62.9	20.50	19.53	0.03	1.830	1.006	1.250	**2.30**
	LTE B41 / 38(Other PA)	QPSK20M	Left Side	0	40185	1	0	Ant 4	DSI 3/4	62.9	20.50	19.52	0.15	1.710	1.006	1.253	2.16
	LTE B41 / 38(Other PA)	QPSK20M	Left Side	0	40620	1	0	Ant 4	DSI 3/4	62.9	20.50	19.50	0.08	1.750	1.006	1.259	2.22
	LTE B41 / 38(Other PA)	QPSK20M	Left Side	0	41055	1	0	Ant 4	DSI 3/4	62.9	20.50	19.45	0.08	1.790	1.006	1.274	2.29
	LTE B41 / 38(Other PA)	QPSK20M	Left Side	0	41490	1	0	Ant 4	DSI 3/4	62.9	20.50	19.48	0.16	1.730	1.006	1.265	2.20

Plot No.	Band	Mode	Test Position	Separation Distance (cm)	Ch.	RB Size	RB Offset	Antenna	Power State	Duty Cycle %	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Power Drift (dB)	Measured SAR-10g (W/kg)	Duty Cycle Scaling Factor	Tune-up Scaling Factor	Scaled SAR-10g (W/kg)
	LTE B41 / 38(Other PA)	QPSK20M	Left Side	0	40185	50	0	Ant 4	DSI 3/4	62.9	20.50	19.44	-0.13	1.780	1.006	1.276	2.29
	LTE B41 / 38(Other PA)	QPSK20M	Left Side	0	40620	50	0	Ant 4	DSI 3/4	62.9	20.50	19.43	-0.19	1.772	1.006	1.279	2.28
	LTE B41 / 38(Other PA)	QPSK20M	Left Side	0	41055	50	0	Ant 4	DSI 3/4	62.9	20.50	19.47	0.12	1.800	1.006	1.268	2.30
	LTE B41 / 38(Other PA)	QPSK20M	Left Side	0	41490	50	0	Ant 4	DSI 3/4	62.9	20.50	19.50	0.05	1.770	1.006	1.259	2.24
	LTE B41 / 38(Other PA)	QPSK20M	Left Side	0	39750	100	0	Ant 4	DSI 3/4	62.9	20.50	19.46	-0.07	1.770	1.006	1.271	2.26
	LTE B41C / 38C	QPSK20M	Left Side	0	PCC:40521 SCC:40719	PCC:1 SCC:1	PCC:99 SCC:0	Ant 4	DSI 3/4	62.9	19.50	18.76	-0.02	1.760	1.006	1.186	2.10
	LTE B41 / 38	QPSK20M	Left Side	0	39750	50	0	Ant 4	DSI 3/4	62.9	19.50	18.71	-0.03	1.790	1.006	1.199	2.16
	LTE B42 Part27Q	QPSK20M	Rear Face	0	42190	1	50	Ant 2	DSI 3	62.9	22.50	21.85	-0.08	1.810	1.006	1.161	2.12
	LTE B42 Part27Q	QPSK20M	Top Side	0	42190	1	50	Ant 2	DSI 3	62.9	22.50	21.85	0.07	1.780	1.006	1.161	2.08
	LTE B42 Part27Q	QPSK20M	Rear Face	0	42190	50	25	Ant 2	DSI 3	62.9	22.50	21.81	0.15	1.770	1.006	1.172	2.09
	LTE B42 Part27Q	QPSK20M	Top Side	0	42190	50	25	Ant 2	DSI 3	62.9	22.50	21.81	0.03	1.790	1.006	1.172	2.11
	LTE B42 Part27Q	QPSK20M	Rear Face	0	42590	1	50	Ant 2	DSI 3	62.9	22.50	21.78	-0.11	1.780	1.006	1.180	2.11
	LTE B42 Part27Q	QPSK20M	Rear Face	0	42990	1	50	Ant 2	DSI 3	62.9	22.50	21.84	0.11	1.670	1.006	1.164	1.96
	LTE B42 Part27Q	QPSK20M	Top Side	0	42590	1	50	Ant 2	DSI 3	62.9	22.50	21.78	0.06	1.680	1.006	1.180	2.00
	LTE B42 Part27Q	QPSK20M	Top Side	0	42990	1	50	Ant 2	DSI 3	62.9	22.50	21.84	-0.14	1.590	1.006	1.164	1.86
	LTE B42 Part27Q	QPSK20M	Rear Face	0	42590	50	25	Ant 2	DSI 3	62.9	22.50	21.80	-0.19	1.780	1.006	1.175	2.10
	LTE B42 Part27Q	QPSK20M	Rear Face	0	42990	50	25	Ant 2	DSI 3	62.9	22.50	21.74	0.01	1.810	1.006	1.191	**2.17**
	LTE B42 Part27Q	QPSK20M	Top Side	0	42590	50	25	Ant 2	DSI 3	62.9	22.50	21.80	0.00	1.710	1.006	1.175	2.02
	LTE B42 Part27Q	QPSK20M	Top Side	0	42990	50	25	Ant 2	DSI 3	62.9	22.50	21.74	-0.10	1.660	1.006	1.191	1.99
	LTE B42 Part27Q	QPSK20M	Rear Face	0	42190	100	0	Ant 2	DSI 3	62.9	22.50	21.84	-0.19	1.140	1.006	1.164	1.34
	LTE B42 Part27Q	QPSK20M	Rear Face	0.5	42190	1	50	Ant 2	DSI 4	62.9	25.50	24.73	0.00	1.420	1.006	1.194	1.71
	LTE B42 Part27Q	QPSK20M	Top Side	0.5	42190	1	50	Ant 2	DSI 4	62.9	25.50	24.73	0.10	1.510	1.006	1.194	1.81
	LTE B42 Part27Q	QPSK20M	Rear Face	0.5	42190	50	25	Ant 2	DSI 4	62.9	24.50	23.87	-0.19	1.100	1.006	1.156	1.28
	LTE B42 Part27Q	QPSK20M	Top Side	0.5	42190	50	25	Ant 2	DSI 4	62.9	24.50	23.87	-0.06	1.210	1.006	1.156	1.41
	LTE B42 Part27Q	QPSK20M	Rear Face	0	42190	1	50	Ant 7	DSI 3/4	62.9	19.00	18.33	0.01	1.370	1.006	1.167	1.61
	LTE B42 Part27Q	QPSK20M	Rear Face	0	42190	50	25	Ant 7	DSI 3/4	62.9	19.00	18.28	-0.04	1.500	1.006	1.180	**1.78**
	LTE B42 Part96	QPSK20M	Left Side	0	43190	1	50	Ant 1	DSI 3/4	62.9	20.50	19.76	0.05	1.570	1.006	1.186	1.87
	LTE B42 Part96	QPSK20M	Left Side	0	43190	50	50	Ant 1	DSI 3/4	62.9	20.50	19.42	-0.14	1.550	1.006	1.282	**2.00**
	LTE B42 Part96	QPSK20M	Rear Face	0	43490	1	50	Ant 2	DSI 3	62.9	22.50	21.60	0.16	1.550	1.006	1.230	**1.92**
	LTE B42 Part96	QPSK20M	Top Side	0	43490	1	50	Ant 2	DSI 3	62.9	22.50	21.60	-0.08	1.410	1.006	1.230	1.75
	LTE B42 Part96	QPSK20M	Rear Face	0	43490	50	50	Ant 2	DSI 3	62.9	22.50	21.58	0.14	1.530	1.006	1.236	1.90
	LTE B42 Part96	QPSK20M	Top Side	0	43490	50	50	Ant 2	DSI 3	62.9	22.50	21.58	-0.04	1.450	1.006	1.236	1.80
	LTE B42 Part96	QPSK20M	Rear Face	0.5	43490	1	50	Ant 2	DSI 4	62.9	25.50	24.44	0.17	1.110	1.006	1.276	1.43
	LTE B42 Part96	QPSK20M	Top Side	0.5	43490	1	50	Ant 2	DSI 4	62.9	25.50	24.44	0.15	1.140	1.006	1.276	1.46
	LTE B42 Part96	QPSK20M	Rear Face	0.5	43490	50	50	Ant 2	DSI 4	62.9	24.50	23.45	0.01	0.888	1.006	1.274	1.14
	LTE B42 Part96	QPSK20M	Top Side	0.5	43490	50	50	Ant 2	DSI 4	62.9	24.50	23.45	-0.07	1.020	1.006	1.274	1.31
	LTE B42 Part96	QPSK20M	Right Side	0	43190	1	50	Ant 3	DSI 3	62.9	21.50	21.23	0.11	1.660	1.006	1.064	1.78
	LTE B42 Part96	QPSK20M	Right Side	0	43190	50	25	Ant 3	DSI 3	62.9	21.50	21.22	-0.06	1.810	1.006	1.067	**1.94**
	LTE B42 Part96	QPSK20M	Right Side	0.5	43190	1	50	Ant 3	DSI 4	62.9	24.50	24.18	-0.07	1.260	1.006	1.076	1.36
	LTE B42 Part96	QPSK20M	Right Side	0.5	43190	50	25	Ant 3	DSI 4	62.9	23.50	23.27	0.11	1.000	1.006	1.054	1.06
	LTE B42 Part96	QPSK20M	Rear Face	0	43190	1	50	Ant 7	DSI 3/4	62.9	19.00	18.22	0.16	1.900	1.006	1.197	2.29
	LTE B42 Part96	QPSK20M	Rear Face	0	43190	50	25	Ant 7	DSI 3/4	62.9	19.00	18.15	-0.15	1.890	1.006	1.216	2.31
	LTE B42 Part96	QPSK20M	Rear Face	0	43340	1	50	Ant 7	DSI 3/4	62.9	19.00	18.20	-0.19	1.950	1.006	1.202	2.36
P98	LTE B42 Part96	QPSK20M	Rear Face	0	43490	1	50	Ant 7	DSI 3/4	62.9	19.00	18.14	-0.02	1.930	1.006	1.219	**2.37**
	LTE B42 Part96	QPSK20M	Rear Face	0	43340	50	25	Ant 7	DSI 3/4	62.9	19.00	18.02	-0.10	1.860	1.006	1.253	2.35
	LTE B42 Part96	QPSK20M	Rear Face	0	43490	50	25	Ant 7	DSI 3/4	62.9	19.00	18.08	0.05	1.870	1.006	1.236	2.33
	LTE B42 Part96	QPSK20M	Rear Face	0	43190	100	0	Ant 7	DSI 3/4	62.9	19.00	18.02	0.17	1.700	1.006	1.253	2.14
	LTE B48	QPSK20M	Right Side	0	56640	1	50	Ant 3	DSI 3	62.9	21.50	20.61	-0.10	1.350	1.006	1.227	1.67
	LTE B48	QPSK20M	Right Side	0	56640	50	25	Ant 3	DSI 3	62.9	21.50	20.60	0.02	1.490	1.006	1.230	**1.84**
	LTE B48	QPSK20M	Right Side	0.5	56640	1	50	Ant 3	DSI 4	62.9	23.00	22.02	0.08	0.846	1.006	1.253	1.07
	LTE B48	QPSK20M	Right Side	0.5	56640	50	25	Ant 3	DSI 4	62.9	23.00	21.19	0.12	0.654	1.006	1.517	1.00
P99	LTE B48	QPSK20M	Rear Face	0	55340	1	50	Ant 7	DSI 3/4	62.9	19.00	18.37	0.02	1.860	1.006	1.156	**2.16**
	LTE B48	QPSK20M	Rear Face	0	55340	50	25	Ant 7	DSI 3/4	62.9	19.00	18.34	0.02	1.610	1.006	1.164	1.89
	LTE B48	QPSK20M	Rear Face	0	55830	1	50	Ant 7	DSI 3/4	62.9	19.00	18.35	0.04	1.830	1.006	1.161	2.14
	LTE B48	QPSK20M	Rear Face	0	56150	1	50	Ant 7	DSI 3/4	62.9	19.00	18.29	0.16	1.780	1.006	1.178	2.11
	LTE B48	QPSK20M	Rear Face	0	56640	1	50	Ant 7	DSI 3/4	62.9	19.00	18.29	0.18	1.800	1.006	1.178	2.13
	LTE B48	QPSK20M	Rear Face	0	55340	100	0	Ant 7	DSI 3/4	62.9	19.00	18.34	-0.02	1.670	1.006	1.164	1.96
	LTE B66 / 4	QPSK20M	Bottom Side	0	132322	1	50	Ant 0	DSI 3/4	-	21.50	21.43	-0.07	1.520	1.000	1.016	1.55
	LTE B66 / 4	QPSK20M	Bottom Side	0	132322	50	25	Ant 0	DSI 3/4	-	21.50	21.40	-0.07	1.600	1.000	1.023	**1.64**
	LTE B66 / 4	QPSK20M	Rear Face	0	132322	1	50	Ant 2	DSI 3	-	22.50	21.96	-0.11	1.890	1.000	1.132	2.14
	LTE B66 / 4	QPSK20M	Top Side	0	132322	1	50	Ant 2	DSI 3	-	22.50	21.96	-0.12	2.050	1.000	1.132	2.32
	LTE B66 / 4	QPSK20M	Rear Face	0	132322	50	25	Ant 2	DSI 3	-	22.50	21.92	-0.11	1.720	1.000	1.143	1.97
	LTE B66 / 4	QPSK20M	Top Side	0	132322	50	25	Ant 2	DSI 3	-	22.50	21.92	-0.15	2.080	1.000	1.143	**2.38**
	LTE B66 / 4	QPSK20M	Rear Face	0	132072	1	50	Ant 2	DSI 3	-	22.50	21.84	-0.14	1.830	1.000	1.164	2.13
	LTE B66 / 4	QPSK20M	Rear Face	0	132572	1	50	Ant 2	DSI 3	-	22.50	21.83	0.15	1.720	1.000	1.167	2.01
	LTE B66 / 4	QPSK20M	Top Side	0	132072	1	50	Ant 2	DSI 3	-	22.50	21.84	0.17	1.980	1.000	1.164	2.31
	LTE B66 / 4	QPSK20M	Top Side	0	132572	1	50	Ant 2	DSI 3	-	22.50	21.83	0.12	1.980	1.000	1.167	2.31
	LTE B66 / 4	QPSK20M	Top Side	0	132072	50	25	Ant 2	DSI 3	-	22.50	21.88	-0.15	2.030	1.000	1.153	2.34
	LTE B66 / 4	QPSK20M	Top Side	0	132572	50	25	Ant 2	DSI 3	-	22.50	21.89	0.06	2.020	1.000	1.151	2.33
	LTE B66 / 4	QPSK20M	Top Side	0	132322	100	0	Ant 2	DSI 3	-	22.50	21.88	0.08	1.960	1.000	1.153	2.26
	LTE B66 / 4	QPSK20M	Rear Face	0.5	132322	1	50	Ant 2	DSI 4	-	25.50	24.96	0.00	1.560	1.000	1.132	1.77
	LTE B66 / 4	QPSK20M	Top Side	0.5	132322	1	50	Ant 2	DSI 4	-	25.50	24.96	0.18	1.980	1.000	1.132	2.24
	LTE B66 / 4	QPSK20M	Rear Face	0.5	132322	50	25	Ant 2	DSI 4	-	24.50	24.01	-0.15	1.220	1.000	1.119	1.37
	LTE B66 / 4	QPSK20M	Top Side	0.5	132322	50	25	Ant 2	DSI 4	-	24.50	24.01	0.18	1.630	1.000	1.119	1.83
	LTE B66 / 4	QPSK20M	Top Side	0.5	132072	1	50	Ant 2	DSI 4	-	25.50	24.88	-0.02	1.890	1.000	1.153	2.18
	LTE B66 / 4	QPSK20M	Top Side	0.5	132572	1	50	Ant 2	DSI 4	-	25.50	24.92	0.04	2.000	1.000	1.143	2.29
	LTE B66 / 4	QPSK20M	Top Side	0.5	132322	100	0	Ant 2	DSI 4	-	24.50	24.05	-0.01	1.570	1.000	1.109	1.74
	LTE B66	QPSK20M	Front Face	0	132322	1	50	Ant 3	DSI 3	-	21.50	20.96	0.04	1.590	1.000	1.132	1.80
	LTE B66	QPSK20M	Rear Face	0	132322	1	50	Ant 3	DSI 3	-	21.50	20.96	0.11	0.878	1.000	1.132	0.99
	LTE B66	QPSK20M	Right Side	0	132322	1	50	Ant 3	DSI 3	-	21.50	20.96	0.08	0.896	1.000	1.132	1.02
	LTE B66	QPSK20M	Front Face	0	132322	50	50	Ant 3	DSI 3	-	21.50	20.93	-0.19	1.680	1.000	1.140	1.92
	LTE B66	QPSK20M	Rear Face	0	132322	50	50	Ant 3	DSI 3	-	21.50	20.93	-0.01	0.965	1.000	1.140	1.10
	LTE B66	QPSK20M	Right Side	0	132322	50	50	Ant 3	DSI 3	-	21.50	20.93	0.18	0.901	1.000	1.140	1.03
	LTE B66	QPSK20M	Front Face	0.5	132322	1	50	Ant 3	DSI 4	-	25.50	24.83	0.05	1.470	1.000	1.167	1.72
	LTE B66	QPSK20M	Rear Face	0.5	132322	1	50	Ant 3	DSI 4	-	25.50	24.83	0.11	1.400	1.000	1.167	1.63
	LTE B66	QPSK20M	Right Side	0.5	132322	1	50	Ant 3	DSI 4	-	25.50	24.83	0.13	1.700	1.000	1.167	**1.98**
	LTE B66	QPSK20M	Front Face	0.5	132322	50	50	Ant 3	DSI 4	-	24.50	23.85	0.00	1.100	1.000	1.161	1.28
	LTE B66	QPSK20M	Rear Face	0.5	132322	50	50	Ant 3	DSI 4	-	24.50	23.85	0.01	1.130	1.000	1.161	1.31