TEST REPORT

Applicant:	FLYTECH Technology Co., Ltd.
Address:	No. 168, Sing-ai Rd., Neihu District, Taipei City, Taiwan
Equipment Type:	Handheld POS
Model Name:	M252
Brand Name:	N/A
FCC ID:	XHM-M252M11
Test Standard:	FCC 47 CFR Part 2.1093 (refer section 3.1)
Maximum SAR:	Body (1 g@10mm):1.18 W/kg Limbs(10 g@0mm): 2.49 W/kg
Sample Arrival Date:	Jun. 20, 2026
Test Date:	Jul. 03, 2026 - Aug. 22, 2026
Date of Issue:	Oct. 16, 2026

ISSUED BY:

Shenzhen BALUN Technology Co., Ltd.

Tested by: Song Gui

Checked by: Xu Rui

Approved by: Liao Jianming

(Technical Director)

Revision History

Version	Issue Date	Revisions Content
Rev. 01	Oct. 16, 2026	Initial Issue

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1 GENERAL INFORMATION

1.1 Test Laboratory

Name	Shenzhen BALUN Technology Co., Ltd.
Address	601, Building 2, Intelligent Connected Vehicle Industrial Park, No.55, Xiangshan Road, Luotian Community, Yanluo Sub-district, Bao'an District, Shenzhen
Phone Number	+86 755 6685 0100

1.2 Test Location

Name	Shenzhen BALUN Technology Co., Ltd.
Location	☐ Building 2, Intelligent Connected Vehicle Industrial Park, No.55, Xiangshan Road, Luotian Community, Yanluo Sub-district, Bao'an District, Shenzhen, Guangdong
	☑ 1/F., Building B, Ganghongji High-Tech Intelligent Industrial Park, No.1008, Songbai Road, Yangguang Community, Xili Subdistrict, Nanshan District, Shenzhen, Guangdong
Accreditation Certificate	The laboratory is a testing organization accredited by FCC as a accredited testing laboratory. The designation number is CN1196.

1.3 Test Environment Condition

Ambient Temperature	18℃ to 25℃
Ambient Relative Humidity	30% to 70%

2 PRODUCT INFORMATION

2.1 Applicant Information

Applicant	FLYTECH Technology Co., Ltd.
Address	No. 168, Sing-ai Rd., Neihu District, Taipei City, Taiwan

2.2 Manufacturer Information

Manufacturer	FLYTECH Technology Co., Ltd.
Address	No. 168, Sing-ai Rd., Neihu District, Taipei City, Taiwan

2.3 General Description for Equipment under Test (EUT)

EUT Name	Handheld POS
Model Name Under Test	M252
Series Model Name	N/A
Description of Model Name Differentiation	N/A
Hardware Version	Z341 MMI V06
Software Version	N/A
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A
EUT ID	CC26060214-001-S04
IMEI Number	IMEI:222222222222228

2.4 Ancillary Equipment

Ancillary Equipment 1	Battery	
	Brand Name	N/A
	Model No.	BA500000
	Serial No.	N/A
	Capacitance	Rated: 5000mAh
	Rated Voltage	3.85 V
	Limited Voltage	4.4 V
	Manufacturer	Shenzhen Cholipower Technology Co.,LTD.

2.5 Technical Information

Network and Wireless connectivity	4G Network LTE FDD Band 2/4/5/7/12/13/17/66 Bluetooth (BR+EDR+BLE) WIFI 802.11a, 802.11b, 802.11g, 802.11n(HT20/HT40), 802.11ac(VHT20/VHT40/VHT80), 802.11ax(HE20/HE40/HE80), NFC

The requirement for the following technical information of the EUT was tested in this report:

Operating Mode	LTE; WLAN; Bluetooth,NFC		
Frequency Range	LTE Band 2	TX: 1850~1910 MHz	RX: 1930~1990 MHz
	LTE Band 4	TX: 1710~1755 MHz	RX: 2110~2115 MHz
	LTE Band 5	TX: 824 ~ 849 MHz	RX: 869 ~ 894 MHz
	LTE Band 7	TX: 2500 ~ 2570 MHz	RX: 2620 ~ 2690 MHz
	LTE Band 12	TX: 699-716 MHz	RX: 729~746 MHz
	LTE Band 13	TX: 777-787 MHz	RX: 746~756 MHz
	LTE Band 17	TX: 704-716 MHz	RX: 734~746 MHz
	LTE Band 66	TX: 1710 ~ 1780 MHz	RX: 1710 ~ 1780 MHz
	802.11b/g/n(HT20/40)	2412 ~ 2462 MHz	
	802.11a	5150 ~ 5250 MHz	
		5725 ~ 5850 MHz	
	802.11n(HT20/HT40)	5150 ~ 5250 MHz	
		5725 ~ 5850 MHz	
	802.11ac (VHT20/VHT40/VHT80)	5150 ~ 5250 MHz	
		5725 ~ 5850 MHz	
	802.11ax (HE20/HE40/HE80)	5150 ~ 5250 MHz	
		5725 ~ 5850 MHz	
	Bluetooth	2402 ~ 2480 MHz	
	NFC	13.56 MHz	
Antenna Type	WWAN	PIFA Antenna	
	WLAN	PIFA Antenna	
	Bluetooth	PIFA Antenna	
	NFC	Coil Antenna	
Exposure Category	General Population/Uncontrolled exposure		
EUT Type	Portable Device		

3 SUMMARY OF TEST RESULT

3.1 Test Standards

No.	Identity	Document Title
1	47 CFR Part 2.1093	Radiofrequency radiation exposure evaluation: portable devices
2	ANSI/IEEE Std. C95.1-1992	IEEE Standard for Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3 kHz to 300 GHz
3	KDB 447498 D04 v01	447498 D04 Interim General RF Exposure Guidance v01
4	KDB 941225 D05 v02r05	SAR Evaluation Considerations for LTE Devices
5	KDB 941225 D06 v02r01	SAR EVALUATION PROCEDURES FOR PORTABLE DEVICES WITH WIRELESS ROUTER CAPABILITIES
6	KDB 865664 D01 v01r04	SAR Measurement 100 MHz to 6 GHz
7	KDB 865664 D02 v01r02	RF Exposure Reporting
8	KDB 248227 D01 v02r02	SAR Guidance for IEEE 802.11 (Wi-Fi) Transmitters

3.2 Device Category and SAR Limit

This device belongs to portable device category because its radiating structure is allowed to be used within 20 centimeters of the body of the user.

Limit for General Population/Uncontrolled exposure should be applied for this device, it is 1.6 W/kg as averaged over any 1 gram of tissue.

Table of Exposure Limits:

Body Position	SAR Value (W/Kg)	
	General Population/ Uncontrolled Exposure	Occupational/ ControlledExposure
Whole-Body SAR (averaged over the entire body)	0.08	0.4
Partial-Body SAR (averaged over any 1 gram of tissue)	1.60	8.0
SAR for hands, wrists, feet and ankles (averaged over any 10 grams of tissue)	4.0	20.0

NOTE:

General Population/Uncontrolled Exposure: Locations where there is the exposure of individuals who have no knowledge or control of their exposure. General population/uncontrolled exposure limits are applicable to situations in which the general public may be exposed or in which persons who are exposed as a consequence of their employment may not be made fully aware of the potential for exposure or cannot exercise control over their exposure. Members of the general public would come under this category when exposure is not employment-related; for example, in the case of a wireless transmitter that exposes persons in its vicinity.

Occupational/Controlled Exposure: Locations where there is exposure that may be incurred by persons who are aware of the potential for exposure, In general, occupational/controlled exposure limits are applicable to situations in which persons are exposed as a consequence of their employment, who have been made fully aware of the potential for exposure and can exercise control over their exposure. This exposure category is also applicable when the exposure is of a transient nature due to incidental passage through a location where the exposure levels may be higher than the general population/uncontrolled limits, but the exposed person is fully aware of the potential for exposure and can exercise control over his or her exposure by leaving the area or by some other appropriate means.

3.3 Test Result Summary

3.3.1 Highest SAR

Equipment Class	Band	Maximum Scaled SAR (W/kg)		Maximum Report SAR (W/kg)	
		Body 1g (10mm)	Limbs 10g (0mm)	Body 1g (10mm)	Limbs 10g (0mm)
PCB	LTE Band 2	0.39	1.27	1.18	2.49
	LTE Band 4	0.63	1.47		
	LTE Band 5	0.68	1.20		
	LTE Band 7	1.00	1.87		
	LTE Band 12	0.46	1.25		
	LTE Band 13	0.62	1.19		
	LTE Band 17	0.45	1.25		
	LTE Band 66	1.18	2.49		
DTS	2.4G WIFI	0.30	0.38		
NII	5.2G WIFI	0.27	0.16		
	5.8G WIFI	0.27	0.30		
DSS	Bluetooth	0.06	0.07		
Limit (W/kg)		1.6	4	1.6	4
Verdict		PASS			

3.3.2 Highest Simultaneous Transmission SAR

Equipment Class	Maximum Simultaneous Transmission SAR (W/kg)	
	Body 1g (10mm)	Limbs 10g (0mm)
PCB	**1.52**	**2.66**
DTS	1.48	2.61
NII	**1.52**	**2.66**
DSS	**1.52**	**2.66**
Limit (W/Kg)	1.60	4.00
Verdict	Pass	

Note: The simultaneous transmission SAR detail please refer to section 12.

3.4 Test Uncertainty

According to KDB 865664 D01, when the highest measured 1 g SAR within a frequency band is < 1.5 W/kg, the extensive SAR measurement uncertainty analysis is not required in SAR reports submitted for equipment approval.

The maximum 1 g SAR for the EUT in this report is 1.18 W/kg, which is lower than 1.5 W/kg, so the extensive SAR measurement uncertainty analysis is not required in this report.

4 MEASUREMENT SYSTEM

4.1 Specific Absorption Rate (SAR) Definition

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:

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

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

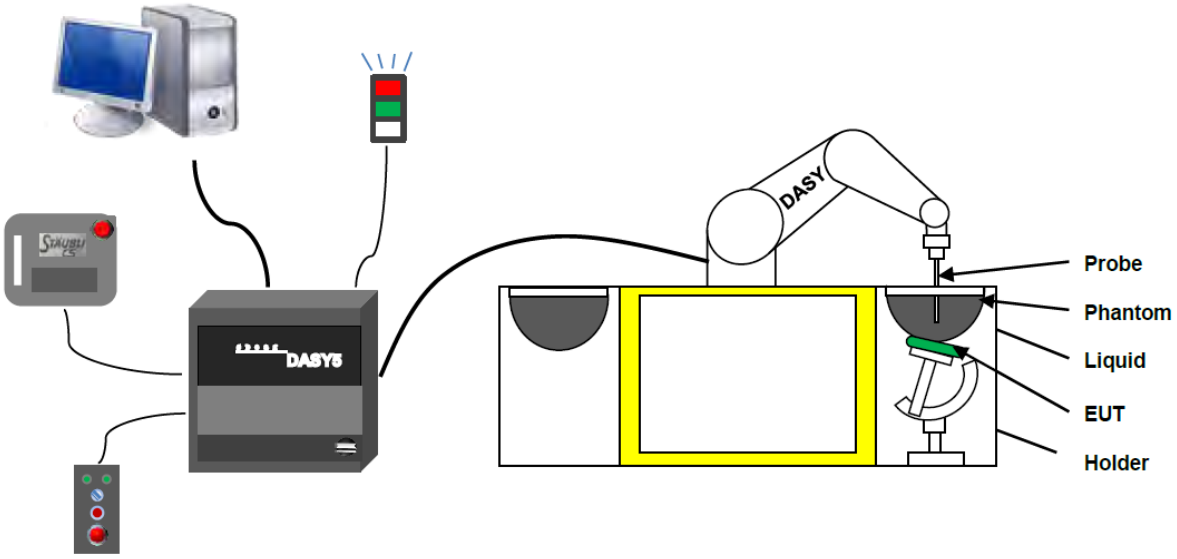
$$\mathbf{SAR} = \frac{\boldsymbol{\sigma}\mathbf{E}^{2}}{\boldsymbol{\rho}}$$

Where: σ is the conductivity of the tissue,

ρis the mass density of the tissue and E is the RMS electrical field strength.

4.2 DASY SAR System

4.2.1 DASY SAR System Diagram



The DASY5 system for performing compliance tests consists of the following items:

1. A standard high precision 6-axis robot (Stäubli RX family) with controller and software. An arm extension for accommodating the data acquisition electronics (DAE).
2. A dosimetric probe, i.e. an isotropic E-field probe optimized and calibrated for usage in tissue simulating liquid. The probe is equipped with an optical surface detector system.
3. A data acquisition electronic (DAE) which performs the signal amplification, signal multiplexing, AD-conversion, offset measurements, mechanical surface detection, collision detection, etc. The unit is battery powered with standard or rechargeable batteries. The signal is optically transmitted to the EOC.
4. A unit to operate the optical surface detector which is connected to the EOC.
5. The Electro-Optical Coupler (EOC) performs the conversion from the optical into a digital electric signal of the DAE. The EOC is connected to the DASY5 measurement server.
6. The DASY5 measurement server, which performs all real-time data evaluation for field measurements and surface detection, controls robot movements and handles safety operation.
7. DASY5 software and SEMCAD data evaluation software.
8. Remote control with teach panel and additional circuitry for robot safety such as warning lamps, etc.
9. The generic twin phantom enabling the testing of left-hand and right-hand usage.
10. The device holder for handheld mobile phones.
11. Tissue simulating liquid mixed according to the given recipes.
12. System validation dipoles allowing to validate the proper functioning of the system.

4.2.2 Robot

The Dasy SAR system uses the high precision robots. Symmetrical design with triangular core Built-in optical fiber for surface detection system For the 6-axis controller system, Built-in shielding against static charges PEEK enclosure material (resistant to organic solvents). The robot series have many features that are important for our application:

- High precision
  (repeatability ±0.02 mm)
- High reliability
  (industrial design)
- Low maintenance costs
  (virtually maintenance free due to direct drive gears; no belt drives)
- Jerk-free straight movements
  (brush less synchron motors; no stepper motors)
- Low ELF interference
  (motor control _elds shielded via the closed metallic construction shields)

4.2.3 E-Field Probe

The probe is specially designed and calibrated for use in liquids with high permittivities for the measurements the Specific Dosimetric E-Field Probe EX3DV4 with following specifications is used.

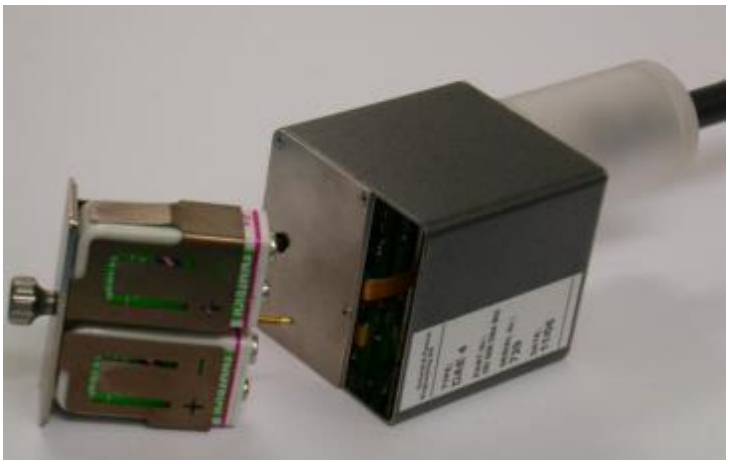
Construction	Symmetrical design with triangular core Built-in optical fiber for surface detection systemBuilt-in shielding against static charges PEEK enclosure material (resistant to organic solvents, e.g., glycolether)
Calibration	ISO/IEC 17025 calibration service available
Frequency	10 MHz to 6 GHz; Linearity: ± 0.2 dB (30 MHz to 6 GHz)
Directivity	± 0.2 dB in HSL (rotation around probe axis) ; ± 0.4 dB in HSL (rotation normal to probe axis)
Dynamic range	5 μW/g to > 100 mW/g; Linearity: ± 0.2 dB
Dimensions	Overall length: 337 mm (Tip: 9 mm) Tip diameter: 2.5 mm (Body: 10 mm) Distance from probe tip to dipole centers: 1.0 mm
Application	General dosimetry up to 3 GHz Compliance tests of mobile phones Fast automatic scanning in arbitrary phantoms (EX3DV4)

E-Field Probe Calibration Process

Probe calibration is realized, in compliance with CENELEC EN 62209-1/-2 and IEEE 1528 std, with CALISAR, Antennessa proprietary calibration system. The calibration is performed with the EN 62209-1/2 annexe technique using reference guide at the five frequencies.

4.2.4 Data Acquisition Electronics

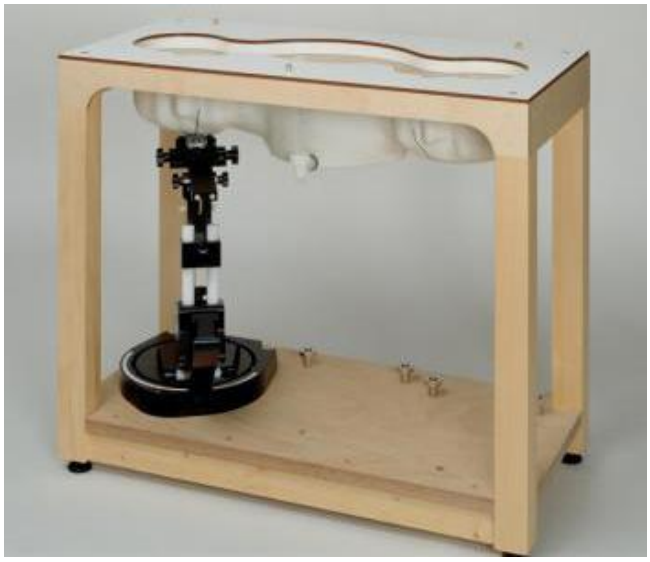
The data acquisition electronics (DAE) consist of a highly sensitive electrometer-grade preamplifier with auto-zeroing, a channel and gain-switching multiplexer, a fast 16 bit AD-converte and a command decoder with a control logic unit. Transmission to the measurement server is accomplished through an optical downlink for data and status information, as well as an optical uplink for commands and the clock.



- Input Impedance: 200MOhm
- The Inputs: Symmetrical and Floating
- Commom Mode Rejection: Above 80dB

4.2.5 Phantoms

For the measurements the Specific Anthropomorphic Mannequin (SAM) defined by the IEEE SCC-34/SC2 group is used. The phantom is a polyurethane shell integrated in a wooden table. The thickness of the phantom amounts to 2mm +/- 0.2mm. It enables the dosimetric evaluation of left and right phone usage and includes an additional flat phantom part for the simplified performance check. The phantom set-up includes a cover, which prevents the evaporation of the liquid.



- Left hand
- Right hand
- Flat phantom

Phantom for compliance testing of handheld and body-mounted wireless devices in the frequency range of 30 MHz to 6 GHz. ELI4 is fully compatible with the latest draft of the standard IEC 62209 Part II and all known tissue simulating liquids. ELI4 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.

·Flat phantom

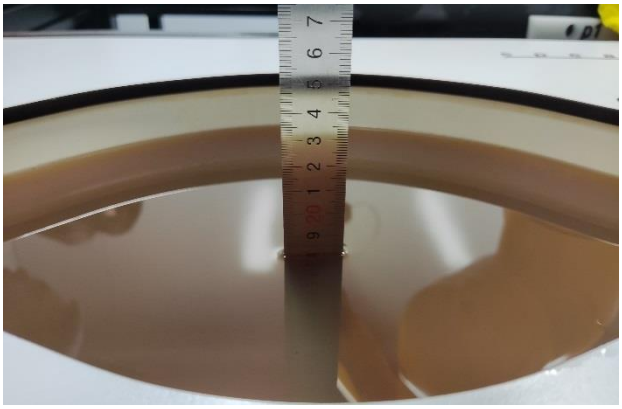
4.2.6 Device Holder

The DASY5 device holder has two scales for device rotation (with respect to the body axis) and the device inclination (with respect to the line between the ear openings). The plane between the ear openings and the mouth tip has a rotation angle of 65°. The bottom plate contains three pair of bolts for locking the device holder. The device holder positions are adjusted to the standard measurement positions in the three sections. This device holder is used for standard mobile phones or PDA"s only. If necessary an additional support of polystyrene material is used. Larger DUT"s (e.g. notebooks) cannot be tested using this device holder. Instead a support of bigger polystyrene cubes and thin polystyrene plates is used to position the DUT in all relevant positions to find and measure spots with maximum SAR values. Therefore those devices are normally only tested at the flat part of the SAM.

The positioning system allows obtaining cheek and tilting position with a very good accuracy. Incompliance with CENELEC, the tilt angle uncertainty is lower than 1°.

4.2.7 Simulating Liquid

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%.

Head Liquid Depth	Body Liquid Depth
	

The following table gives the recipes for tissue simulating liquid.

TSL	Manufacturer / Model	Freq Range (MHz)	Main Ingredients
Head WideBand	SPEAG HBBL600-10000V6	600-10000	Ethanediol, Sodium petroleum sulfonate, Hexylene Glycol / 2-Methyl-pentane-2.4-diol, Alkoxylated alcohol

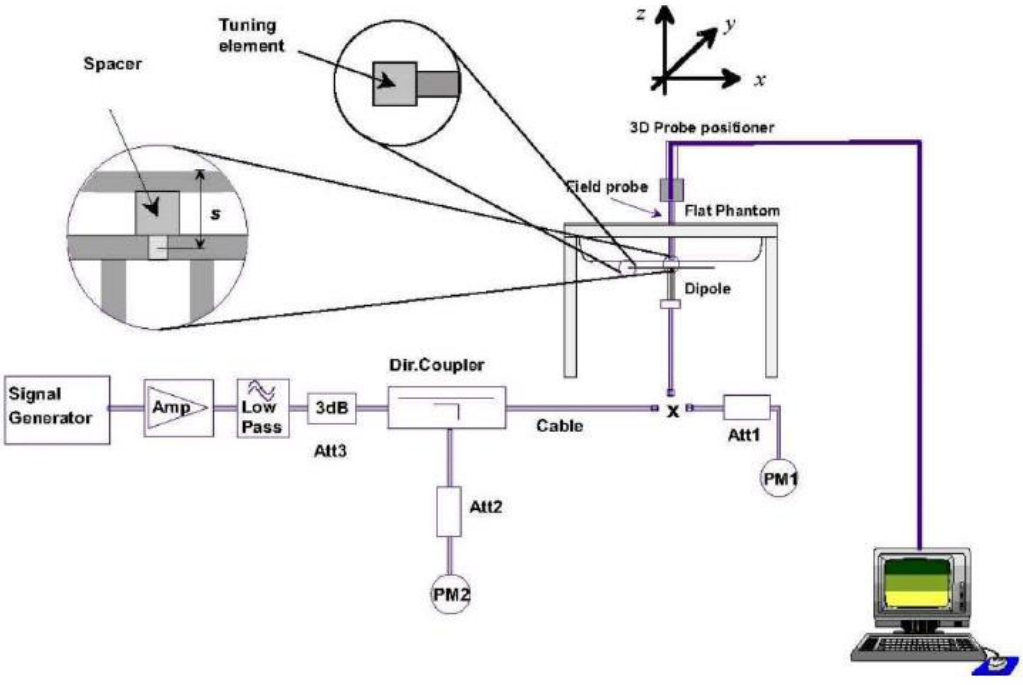
5 SYSTEM VERIFICATION

5.1 Purpose of System Check

The system performance check verifies that the system operates within its specifications. System and operator errors can be detected and corrected. It is recommended that the system performance check be performed prior to any usage of the system in order to guarantee reproducible results. The system performance check uses normal SAR measurements in a simplified setup with a well characterized source. This setup was selected to give a high sensitivity to all parameters that might fail or vary over time. The system check does not intend to replace the calibration of the components, but indicates situations where the system uncertainty is exceeded due to drift or failure.

5.2 System Check Setup

In the simplified setup for system evaluation, the EUT is replaced by a calibrated dipole and the power source is replaced by a continuous wave that comes from a signal generator. The calibrated dipole must be placed beneath the flat phantom section of the SAM twin phantom with the correct distance holder. The distance holder should touch the phantom surface with a light pressure at the reference marking and be oriented parallel to the long side of the phantom. The equipment setup is shown below:



6 TEST POSITION CONFIGURATIONS

6.1 Body-worn Position Conditions

Devices that support transmission while used with body-worn accessories must be tested for SAR compliance related to each body-worn condition of use. SAR evaluation is required for body-worn accessories supplied with the device they are attached to.

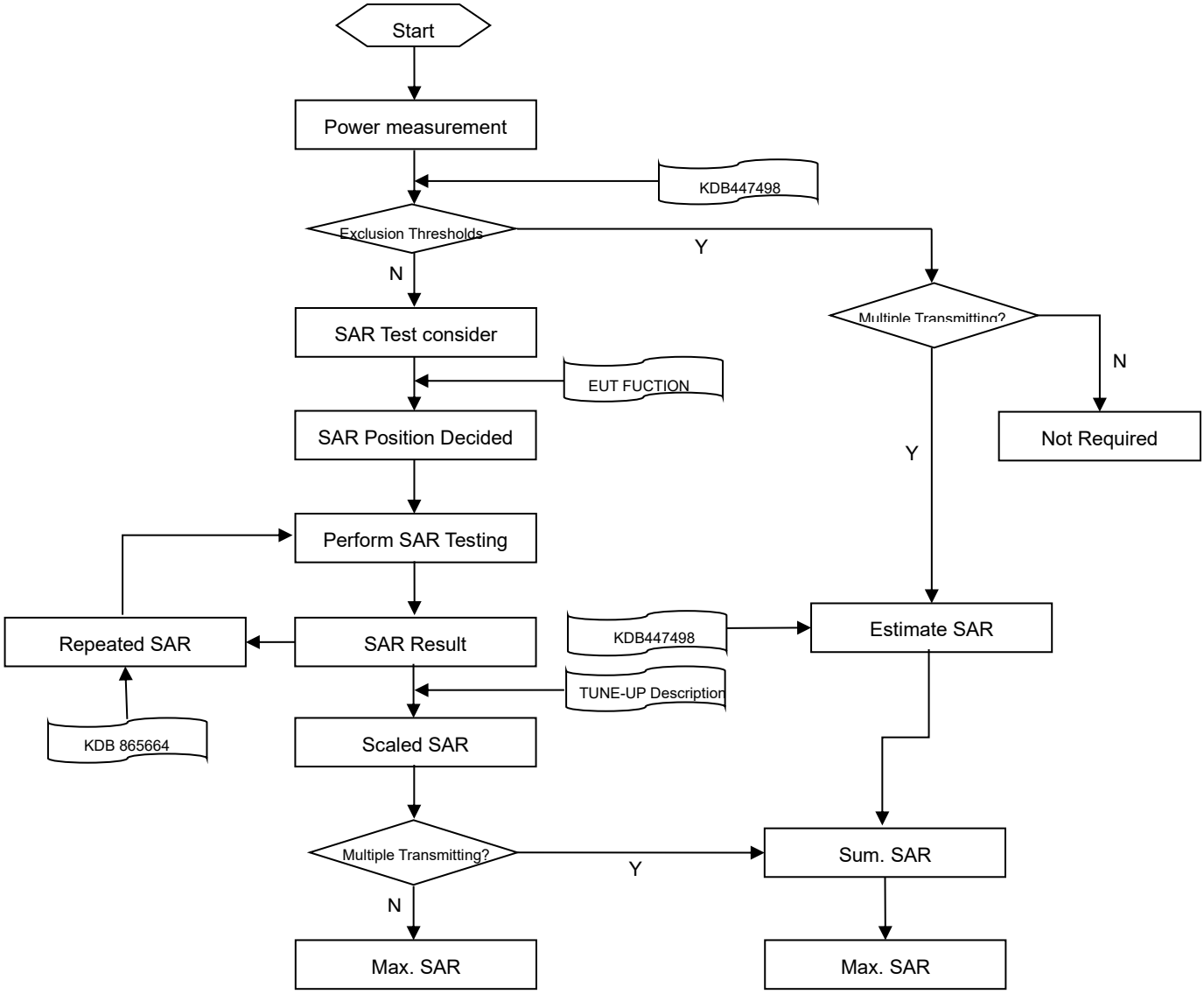
6.2 Product Specific 10g Exposure Consideration

According with FCC KDB 648474 D04, for smart phones with a display diagonal dimension > 15.0 cm or an overall diagonal dimension > 16.0 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, unless it is confirmed otherwise through KDB inquiries, the following phablet procedures should be applied to evaluate SAR compliance for each applicable wireless modes and frequency band. Devices marketed as phablets, regardless of form factors and operating characteristics must be tested as a phablet to determine SAR compliance;

The UMPC mini-tablet procedures must also be applied to test the SAR of all surfaces and edges with an antenna located at $\leqslant$ 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 reported SAR > 1.2 W/kg.

7 MEASUREMENT PROCEDURE

7.1 Measurement Process Diagram



7.2 SAR Scan General Requirement

Probe boundary effect error compensation is required for measurements with the probe tip closer than half a probe tip diameter to the phantom surface. Boththe probe tip diameter and sensor offset distance must satisfy measurement protocols; to ensure probe boundary effect errors are minimized and the higher fields closest to the phantom surface can be correctly measured and extrapolated to the phantom surface for computing 1 g SAR. Tolerances of the post-processing algorithms must be verified by the test laboratory for the scan resolutions used in the SAR measurements, according to the reference distribution functions specified in IEEE Std 1528-2013.

<table>
<tr><td colspan="3"></td><td>≤3GHz</td><td>>3GHz</td></tr>
<tr><td colspan="3">Maximum distance from closest measurement point (geometric center of probe sensors) to phantom surface</td><td>5±1 mm</td><td>½·δ·ln(2)±0.5 mm</td></tr>
<tr><td colspan="3">Maximum probe angle from probe axis to phantom surface normal at the measurement location</td><td>30°±1°</td><td>20°±1°</td></tr>
<tr><td colspan="3" rowspan="2">Maximum area scan spatial resolution: Δx Area , Δy Area</td><td>≤ 2 GHz: ≤ 15 mm
2 – 3 GHz: ≤ 12 mm</td><td>3–4 GHz: ≤ 12 mm
4 – 6 GHz: ≤ 10 mm</td></tr>
<tr><td colspan="2">When the x or y dimension of the test device, in the measurement plane orientation, is smaller than the above, the measurement resolution must be ≤ the corresponding x or y dimension of the test device with at least one measurement point on the test device.</td></tr>
<tr><td colspan="3">Maximum zoom scan spatial resolution: Δx Zoom , Δy Zoom</td><td>≤ 2 GHz: ≤ 8 mm
2 –3 GHz: ≤ 5 mm*</td><td>3–4 GHz: ≤ 5 mm*
4 – 6 GHz: ≤ 4 mm*</td></tr>
<tr><td rowspan="7">Maximum zoom scan spatial resolution, normal to phantom surface</td><td colspan="2" rowspan="3">uniform grid: Δz Zoom (n)</td><td rowspan="3">≤ 5 mm</td><td>3–4 GHz: ≤ 4 mm</td></tr>
<tr><td>4–5 GHz: ≤ 3 mm</td></tr>
<tr><td>5–6 GHz: ≤ 2 mm</td></tr>
<tr><td rowspan="4">graded grid</td><td rowspan="3">Δz Zoom (1): between 1st two points closest to phantom surface</td><td rowspan="3">≤ 4 mm</td><td>3–4 GHz: ≤ 3 mm</td></tr>
<tr><td>4–5 GHz: ≤ 2.5 mm</td></tr>
<tr><td>5–6 GHz: ≤ 2 mm</td></tr>
<tr><td>Δz Zoom (n>1): between subsequent points</td><td colspan="2">≤ 1.5·Δz Zoom (n-1)</td></tr>
<tr><td rowspan="3">Minimum zoom scan volume</td><td colspan="2" rowspan="3">x, y, z</td><td rowspan="3">≥30 mm</td><td>3–4 GHz: ≥ 28 mm</td></tr>
<tr><td>4–5 GHz: ≥ 25 mm</td></tr>
<tr><td>5–6 GHz: ≥ 22 mm</td></tr>
<tr><td colspan="5">Note:
1. δ is the penetration depth of a plane-wave at normal incidence to the tissue medium; see draft standard IEEE P1528-2011 for details.
2. * When zoom scan is required and the reported SAR from the area scan based 1 g SAR estimation procedures of KDB 447498 is ≤ 1.4 W/kg, ≤ 8 mm, ≤ 7 mm and ≤ 5 mm zoom scan resolution may be applied, respectively, for 2 GHz to 3GHz, 3 GHz to 4 GHz and 4 GHz to 6 GHz.</td></tr>
</table>

7.3 Measurement Procedure

The following steps are used for each test position

a. Establish a call with the maximum output power with a base station simulator. The connection between the mobile and the base station simulator is established via air interface
b. Measurement of the local E-field value at a fixed location. This value serves as a reference value for calculating a possible power drift.
c. Measurement of the SAR distribution with a grid of 8 to 16mm * 8 to16 mm and a constant distance to the inner surface of the phantom. Since the sensors cannot directly measure at the inner phantom surface, the values between the sensors and the inner phantom surface are extrapolated. With these values the area of the maximum SAR is calculated by an interpolation scheme.
d. Around this point, a cube of 30 * 30 * 30 mm or 32 * 32 *32 mm is assessed by measuring 5 or 8 * 5 or 8*4 or 5 mm. With these data, the peak spatial-average SAR value can be calculated.

7.4 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. Area scan and zoom scan resolution setting follows KDB 865664 D01v01r04 quoted below.

When the 1 g SAR of the highest peak is within 2 dB of the SAR limit, additional zoom scans are required for other peaks within 2 dB of the highest peak that have not been included in any zoom scan to ensure there is no increase in SAR.

8 CONDUCTED RF OUTPUT POWER

8.1 LTE

Please refer the document “Ti-CC26060419-AP.pdf”.

8.2 WIFI

Please refer the document “Ti-CC26060419-AP.pdf”.

8.3 Bluetooth

Please refer the document “Ti-CC26060419-AP.pdf”.

9 TEST EXCLUSION CONSIDERATION

For antenna location and support bands please refer the document "Ti-CC26060419-AI EUT internal photo.pdf.

10 TEST RESULT

Note: Refer to ANNEX C for the detailed test data for each test configuration.

10.1 LTE-Body

Band	Antenna	Mode	Position	Dist.(mm)	Bandwidth	Ch.	Freq.(MHz)	RB Size	RB offset	Power Drift(dB)	1 g Meas SAR(W/kg)	Meas. Power (dBm)	Max. tune-up power(dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
LTE B2	ANT0	QPSK	Front Side	10	20	18900	1880	1	49	0.16	0.255	23.53	24.00	1.114	0.284	/
LTE B2	ANT0	QPSK	Back Side	10	20	18900	1880	1	49	-0.04	0.264	23.53	24.00	1.114	0.294	/
LTE B2	ANT0	QPSK	Left Edge	10	20	18900	1880	1	49	0.13	0.051	23.53	24.00	1.114	0.057	/
LTE B2	ANT0	QPSK	Right Edge	10	20	18900	1880	1	49	0.07	0.312	23.53	24.00	1.114	0.347	/
LTE B2	ANT0	QPSK	Top Edge	10	20	18900	1880	1	49	0.08	0.018	23.53	24.00	1.114	0.020	/
LTE B2	ANT0	QPSK	Bottom Edge	10	20	18900	1880	1	49	0.14	0.226	23.53	24.00	1.114	0.251	/
LTE B2	ANT0	QPSK	Right Edge	10	20	18700	1860	1	49	0.18	0.342	23.41	24.00	1.146	**0.392**	1#
LTE B2	ANT0	QPSK	Right Edge	10	20	19100	1900	1	49	-0.08	0.271	23.52	24.00	1.117	0.303	/
LTE B2	ANT0	QPSK	Front Side	10	20	18900	1880	50	25	-0.06	0.202	22.67	23.00	1.079	0.218	/
LTE B2	ANT0	QPSK	Back Side	10	20	18900	1880	50	25	0.16	0.208	22.67	23.00	1.079	0.225	/
LTE B2	ANT0	QPSK	Left Edge	10	20	18900	1880	50	25	-0.20	0.020	22.67	23.00	1.079	0.022	/
LTE B2	ANT0	QPSK	Right Edge	10	20	18900	1880	50	25	-0.18	0.248	22.67	23.00	1.079	0.267	/
LTE B2	ANT0	QPSK	Top Edge	10	20	18900	1880	50	25	0.08	0.013	22.67	23.00	1.079	0.014	/
LTE B2	ANT0	QPSK	Bottom Edge	10	20	18900	1880	50	25	0.07	0.191	22.67	23.00	1.079	0.206	/
LTE B2	ANT0	QPSK	Right Edge	10	20	18700	1860	50	50	-0.01	0.272	22.50	23.00	1.122	0.305	/
LTE B2	ANT0	QPSK	Right Edge	10	20	19100	1900	50	50	-0.01	0.222	22.64	23.00	1.086	0.241	/
LTE B2	ANT0	QPSK	Right Edge	10	20	18900	1900	100	0	-0.05	0.227	22.55	23.00	1.109	0.252	/

LTE B4	ANT0	QPSK	Front Side	10	20	20175	1732.5	1	49	-0.20	0.302	23.29	24.00	1.178	0.356	/
LTE B4	ANT0	QPSK	Back Side	10	20	20175	1732.5	1	49	-0.13	0.490	23.29	24.00	1.178	0.577	/
LTE B4	ANT0	QPSK	Left Edge	10	20	20175	1732.5	1	49	0.14	0.062	23.29	24.00	1.178	0.073	/
LTE B4	ANT0	QPSK	Right Edge	10	20	20175	1732.5	1	49	0.08	0.400	23.29	24.00	1.178	0.471	/
LTE B4	ANT0	QPSK	Top Edge	10	20	20175	1732.5	1	49	-0.16	0.026	23.29	24.00	1.178	0.031	/
LTE B4	ANT0	QPSK	Bottom Edge	10	20	20175	1732.5	1	49	-0.18	0.369	23.29	24.00	1.178	0.435	/
LTE B4	ANT0	QPSK	Back Side	10	20	20050	1720	1	49	0.11	0.528	23.23	24.00	1.194	**0.630**	2#
LTE B4	ANT0	QPSK	Back Side	10	20	20300	1745	1	49	0.14	0.461	23.28	24.00	1.180	0.544	/
LTE B4	ANT0	QPSK	Front Side	10	20	20175	1732.5	50	25	0.10	0.255	22.35	23.00	1.161	0.296	/
LTE B4	ANT0	QPSK	Back Side	10	20	20175	1732.5	50	25	-0.14	0.392	22.35	23.00	1.161	0.455	/
LTE B4	ANT0	QPSK	Left Edge	10	20	20175	1732.5	50	25	0.04	0.052	22.35	23.00	1.161	0.060	/
LTE B4	ANT0	QPSK	Right Edge	10	20	20175	1732.5	50	25	-0.14	0.343	22.35	23.00	1.161	0.398	/
LTE B4	ANT0	QPSK	Top Edge	10	20	20175	1732.5	50	25	0.14	0.010	22.35	23.00	1.161	0.012	/
LTE B4	ANT0	QPSK	Bottom Edge	10	20	20175	1732.5	50	25	0.13	0.303	22.35	23.00	1.161	0.352	/
LTE B4	ANT0	QPSK	Back Side	10	20	20050	1720	50	50	-0.11	0.418	22.24	23.00	1.191	0.498	/
LTE B4	ANT0	QPSK	Back Side	10	20	20300	1745	50	25	-0.15	0.381	22.27	23.00	1.183	0.451	/
LTE B4	ANT0	QPSK	Back Side	10	20	20175	1745	100	0	0.18	0.374	22.12	23.00	1.225	0.458	/
LTE B5	ANT0	QPSK	Front Side	10	10	20525	836.5	1	24	-0.20	0.566	23.22	24.00	1.197	**0.678**	3#
LTE B5	ANT0	QPSK	Back Side	10	10	20525	836.5	1	24	-0.17	0.459	23.22	24.00	1.197	0.549	/
LTE B5	ANT0	QPSK	Left Edge	10	10	20525	836.5	1	24	0.07	0.131	23.22	24.00	1.197	0.157	/
LTE B5	ANT0	QPSK	Right Edge	10	10	20525	836.5	1	24	0.14	0.145	23.22	24.00	1.197	0.174	/
LTE B5	ANT0	QPSK	Top Edge	10	10	20525	836.5	1	24	0.14	0.012	23.22	24.00	1.197	0.014	/

LTE B5	ANT0	QPSK	Bottom Edge	10	10	20525	836.5	1	24	-0.12	0.204	23.22	24.00	1.197	0.244	/
LTE B5	ANT0	QPSK	Front Side	10	10	20450	829	1	49	-0.14	0.516	23.21	24.00	1.199	0.619	/
LTE B5	ANT0	QPSK	Front Side	10	10	20600	844	1	24	-0.07	0.504	23.16	24.00	1.213	0.611	/
LTE B5	ANT0	QPSK	Front Side	10	10	20525	836.5	25	12	-0.08	0.489	22.18	23.00	1.208	0.591	/
LTE B5	ANT0	QPSK	Back Side	10	10	20525	836.5	25	12	0.08	0.352	22.18	23.00	1.208	0.425	/
LTE B5	ANT0	QPSK	Left Edge	10	10	20525	836.5	25	12	-0.16	0.189	22.18	23.00	1.208	0.228	/
LTE B5	ANT0	QPSK	Right Edge	10	10	20525	836.5	25	12	0.01	0.106	22.18	23.00	1.208	0.128	/
LTE B5	ANT0	QPSK	Top Edge	10	10	20525	836.5	25	12	0.17	0.011	22.18	23.00	1.208	0.013	/
LTE B5	ANT0	QPSK	Bottom Edge	10	10	20525	836.5	25	12	0.03	0.144	22.18	23.00	1.208	0.174	/
LTE B5	ANT0	QPSK	Front Side	10	10	20450	829	25	25	-0.10	0.404	22.15	23.00	1.216	0.491	/
LTE B5	ANT0	QPSK	Front Side	10	10	20600	844	25	12	0.11	0.398	22.13	23.00	1.222	0.486	/
LTE B5	ANT0	QPSK	Front Side	10	10	20525	836.5	50	0	-0.09	0.406	22.10	23.00	1.23	0.499	/
LTE B7	ANT0	QPSK	Front Side	10	20	21100	2535	1	49	0.02	0.420	23.40	24.00	1.148	0.482	/
LTE B7	ANT0	QPSK	Back Side	10	20	21100	2535	1	49	-0.05	0.560	23.40	24.00	1.148	0.643	/
LTE B7	ANT0	QPSK	Left Edge	10	20	21100	2535	1	49	0.00	0.159	23.40	24.00	1.148	0.183	/
LTE B7	ANT0	QPSK	Right Edge	10	20	21100	2535	1	49	-0.08	0.121	23.40	24.00	1.148	0.139	/
LTE B7	ANT0	QPSK	Top Edge	10	20	21100	2535	1	49	-0.08	0.015	23.40	24.00	1.148	0.017	/
LTE B7	ANT0	QPSK	Bottom Edge	10	20	21100	2535	1	49	0.02	0.869	23.40	24.00	1.148	**0.998**	4#
LTE B7	ANT0	QPSK	Bottom Edge	10	20	20850	2510	1	49	0.19	0.817	23.34	24.00	1.164	0.951	/
LTE B7	ANT0	QPSK	Bottom Edge	10	20	21350	2560	1	49	-0.01	0.755	23.34	24.00	1.164	0.879	/
LTE B7	ANT0	QPSK	Front Side	10	20	21100	2535	50	50	0.12	0.342	22.33	23.00	1.167	0.399	/
LTE B7	ANT0	QPSK	Back Side	10	20	21100	2535	50	50	0.17	0.440	22.33	23.00	1.167	0.513	/

LTE B7	ANT0	QPSK	Left Edge	10	20	21100	2535	50	50	-0.05	0.133	22.33	23.00	1.167	0.155	/
LTE B7	ANT0	QPSK	Right Edge	10	20	21100	2535	50	50	-0.04	0.099	22.33	23.00	1.167	0.116	/
LTE B7	ANT0	QPSK	Top Edge	10	20	21100	2535	50	50	0.14	0.017	22.33	23.00	1.167	0.020	/
LTE B7	ANT0	QPSK	Bottom Edge	10	20	21100	2535	50	50	0.18	0.687	22.33	23.00	1.167	0.802	/
LTE B7	ANT0	QPSK	Bottom Edge	10	20	20850	2510	50	25	0.16	0.716	22.25	23.00	1.189	0.851	/
LTE B7	ANT0	QPSK	Bottom Edge	10	20	21350	2560	50	25	-0.10	0.602	22.31	23.00	1.172	0.706	/
LTE B7	ANT0	QPSK	Bottom Edge	10	20	21100	2535	100	0	-0.17	0.586	22.23	23.00	1.194	0.700	/
LTE B12	ANT0	QPSK	Front Side	10	10	23095	707.5	1	49	0.12	0.356	23.30	24.00	1.175	0.418	/
LTE B12	ANT0	QPSK	Back Side	10	10	23095	707.5	1	49	-0.04	0.376	23.30	24.00	1.175	0.442	/
LTE B12	ANT0	QPSK	Left Edge	10	10	23095	707.5	1	49	-0.13	0.246	23.30	24.00	1.175	0.289	/
LTE B12	ANT0	QPSK	Right Edge	10	10	23095	707.5	1	49	0.08	0.160	23.30	24.00	1.175	0.188	/
LTE B12	ANT0	QPSK	Top Edge	10	10	23095	707.5	1	49	-0.06	0.019	23.30	24.00	1.175	0.022	/
LTE B12	ANT0	QPSK	Bottom Edge	10	10	23095	707.5	1	49	-0.12	0.122	23.30	24.00	1.175	0.143	/
LTE B12	ANT0	QPSK	Back Side	10	10	23060	704	1	49	-0.03	0.367	23.22	24.00	1.197	0.439	/
LTE B12	ANT0	QPSK	Back Side	10	10	23130	711	1	24	0.01	0.384	23.26	24.00	1.186	**0.455**	5#
LTE B12	ANT0	QPSK	Front Side	10	10	23095	707.5	25	25	-0.07	0.321	22.19	23.00	1.205	0.387	/
LTE B12	ANT0	QPSK	Back Side	10	10	23095	707.5	25	25	0.06	0.369	22.19	23.00	1.205	0.445	/
LTE B12	ANT0	QPSK	Left Edge	10	10	23095	707.5	25	25	-0.19	0.205	22.19	23.00	1.205	0.247	/
LTE B12	ANT0	QPSK	Right Edge	10	10	23095	707.5	25	25	0.02	0.135	22.19	23.00	1.205	0.162	/
LTE B12	ANT0	QPSK	Top Edge	10	10	23095	707.5	25	25	0.15	0.015	22.19	23.00	1.205	0.018	/
LTE B12	ANT0	QPSK	Bottom Edge	10	10	23095	707.5	25	25	0.20	0.116	22.19	23.00	1.205	0.140	/
LTE B12	ANT0	QPSK	Back Side	10	10	23060	704	25	12	-0.05	0.355	22.16	23.00	1.213	0.431	/

LTE B12	ANT0	QPSK	Back Side	10	10	23130	711	25	12	-0.12	0.371	22.14	23.00	1.219	0.452	/
LTE B12	ANT0	QPSK	Back Side	10	10	23095	711	50	0	-0.03	0.362	22.04	23.00	1.247	0.451	/
LTE B13	ANT0	QPSK	Front Side	10	10	23230	782	1	49	0.06	0.516	23.19	24.00	1.205	**0.622**	6#
LTE B13	ANT0	QPSK	Back Side	10	10	23230	782	1	49	-0.15	0.458	23.19	24.00	1.205	0.552	/
LTE B13	ANT0	QPSK	Left Edge	10	10	23230	782	1	49	-0.11	0.252	23.19	24.00	1.205	0.304	/
LTE B13	ANT0	QPSK	Right Edge	10	10	23230	782	1	49	0.05	0.165	23.19	24.00	1.205	0.199	/
LTE B13	ANT0	QPSK	Top Edge	10	10	23230	782	1	49	0.11	0.011	23.19	24.00	1.205	0.013	/
LTE B13	ANT0	QPSK	Bottom Edge	10	10	23230	782	1	49	0.14	0.169	23.19	24.00	1.205	0.204	/
LTE B13	ANT0	QPSK	Front Side	10	10	23230	782	25	12	0.16	0.409	22.21	23.00	1.199	0.490	/
LTE B13	ANT0	QPSK	Back Side	10	10	23230	782	25	12	0.03	0.346	22.21	23.00	1.199	0.415	/
LTE B13	ANT0	QPSK	Left Edge	10	10	23230	782	25	12	0.06	0.192	22.21	23.00	1.199	0.230	/
LTE B13	ANT0	QPSK	Right Edge	10	10	23230	782	25	12	-0.07	0.123	22.21	23.00	1.199	0.147	/
LTE B13	ANT0	QPSK	Top Edge	10	10	23230	782	25	12	0.04	0.015	22.21	23.00	1.199	0.018	/
LTE B13	ANT0	QPSK	Bottom Edge	10	10	23230	782	25	12	-0.12	0.130	22.21	23.00	1.199	0.156	/
LTE B13	ANT0	QPSK	Front Side	10	10	23230	782	50	0	-0.09	0.439	22.06	23.00	1.242	0.545	/
LTE B17	ANT0	QPSK	Front Side	10	10	23790	710	25	12	-0.17	0.317	23.35	24.00	1.161	0.368	/
LTE B17	ANT0	QPSK	Back Side	10	10	23790	710	25	12	0.03	0.364	23.35	24.00	1.161	0.423	/
LTE B17	ANT0	QPSK	Left Edge	10	10	23790	710	50	0	0.15	0.217	23.35	24.00	1.161	0.252	/
LTE B17	ANT0	QPSK	Right Edge	10	10	23790	710	1	49	0.14	0.139	23.35	24.00	1.161	0.161	/
LTE B17	ANT0	QPSK	Top Edge	10	10	23790	710	1	49	-0.07	0.023	23.35	24.00	1.161	0.027	/
LTE B17	ANT0	QPSK	Bottom Edge	10	10	23790	710	1	49	-0.02	0.119	23.35	24.00	1.161	0.138	/
LTE B17	ANT0	QPSK	Back Side	10	10	23780	709	1	24	-0.02	0.362	23.17	24.00	1.211	0.438	/

LTE B17	ANT0	QPSK	Back Side	10	10	23800	711	1	49	-0.02	0.384	23.31	24.00	1.172	**0.450**	7#
LTE B17	ANT0	QPSK	Front Side	10	10	23790	710	25	12	-0.20	0.286	22.18	23.00	1.208	0.345	/
LTE B17	ANT0	QPSK	Back Side	10	10	23790	710	25	12	-0.17	0.321	22.18	23.00	1.208	0.388	/
LTE B17	ANT0	QPSK	Left Edge	10	10	23790	710	25	12	0.15	0.184	22.18	23.00	1.208	0.222	/
LTE B17	ANT0	QPSK	Right Edge	10	10	23790	710	25	12	-0.03	0.114	22.18	23.00	1.208	0.138	/
LTE B17	ANT0	QPSK	Top Edge	10	10	23790	710	25	12	-0.05	0.017	22.18	23.00	1.208	0.021	/
LTE B17	ANT0	QPSK	Bottom Edge	10	10	23790	710	25	12	-0.09	0.085	22.18	23.00	1.208	0.103	/
LTE B17	ANT0	QPSK	Back Side	10	10	23780	709	25	12	-0.01	0.321	22.15	23.00	1.216	0.390	/
LTE B17	ANT0	QPSK	Back Side	10	10	23800	711	25	12	-0.12	0.322	22.10	23.00	1.230	0.396	/
LTE B17	ANT0	QPSK	Back Side	10	10	23790	711	50	0	-0.14	0.321	22.01	23.00	1.256	0.403	/
LTE B66	ANT0	QPSK	Front Side	10	20	132322	1745	1	49	-0.07	0.658	23.39	24.00	1.151	0.757	/
LTE B66	ANT0	QPSK	Back Side	10	20	132322	1745	1	49	0.07	0.968	23.39	24.00	1.151	1.114	/
LTE B66	ANT0	QPSK	Left Edge	10	20	132322	1745	1	49	0.10	0.130	23.39	24.00	1.151	0.150	/
LTE B66	ANT0	QPSK	Right Edge	10	20	132322	1745	1	49	0.15	0.866	23.39	24.00	1.151	0.997	/
LTE B66	ANT0	QPSK	Top Edge	10	20	132322	1745	1	49	-0.20	0.048	23.39	24.00	1.151	0.055	/
LTE B66	ANT0	QPSK	Bottom Edge	10	20	132322	1745	1	49	0.16	0.763	23.39	24.00	1.151	0.878	/
LTE B66	ANT0	QPSK	Back Side	10	20	132072	1720	1	49	0.06	1.020	23.35	24.00	1.161	**1.184**	8#
LTE B66	ANT0	QPSK	Back Side	10	20	132572	1770	1	49	0.00	0.887	23.20	24.00	1.202	1.066	/
LTE B66	ANT0	QPSK	Right Edge	10	20	132072	1720	1	49	0.03	0.815	23.35	24.00	1.161	0.946	/
LTE B66	ANT0	QPSK	Right Edge	10	20	132572	1770	1	49	0.00	0.768	23.20	24.00	1.202	0.923	/
LTE B66	ANT0	QPSK	Bottom Edge	10	20	132072	1720	1	49	0.02	0.753	23.35	24.00	1.161	0.874	/
LTE B66	ANT0	QPSK	Bottom Edge	10	20	132572	1770	1	49	0.01	0.749	23.20	24.00	1.202	0.900	/

LTE B66	ANT0	QPSK	Front Side	10	20	132322	1745	50	25	-0.03	0.558	22.19	23.00	1.205	0.672	/
LTE B66	ANT0	QPSK	Back Side	10	20	132322	1745	50	25	-0.08	0.824	22.19	23.00	1.205	0.993	/
LTE B66	ANT0	QPSK	Left Edge	10	20	132322	1745	50	25	-0.07	0.102	22.19	23.00	1.205	0.123	/
LTE B66	ANT0	QPSK	Right Edge	10	20	132322	1745	50	25	-0.18	0.682	22.19	23.00	1.205	0.822	/
LTE B66	ANT0	QPSK	Top Edge	10	20	132322	1745	50	25	0.19	0.015	22.19	23.00	1.205	0.018	/
LTE B66	ANT0	QPSK	Bottom Edge	10	20	132322	1745	50	25	-0.04	0.714	22.19	23.00	1.205	0.860	/
LTE B66	ANT0	QPSK	Back Side	10	20	132072	1720	50	50	0.05	0.905	22.18	23.00	1.208	1.093	/
LTE B66	ANT0	QPSK	Back Side	10	20	132572	1770	50	25	0.17	0.762	22.12	23.00	1.225	0.933	/
LTE B66	ANT0	QPSK	Right Edge	10	20	132072	1720	50	50	0.03	0.675	22.18	23.00	1.208	0.815	/
LTE B66	ANT0	QPSK	Right Edge	10	20	132572	1770	50	25	0.05	0.633	22.12	23.00	1.225	0.775	/
LTE B66	ANT0	QPSK	Bottom Edge	10	20	132072	1720	50	50	0.05	0.685	22.18	23.00	1.208	0.827	/
LTE B66	ANT0	QPSK	Bottom Edge	10	20	132572	1770	50	25	-0.07	0.693	22.12	23.00	1.225	0.849	/
LTE B66	ANT0	QPSK	Back Side	10	20	132572	1770	100	0	0.00	0.744	21.95	23.00	1.274	0.948	/
LTE B66	ANT0	QPSK	Back Side	10	20	132072	1720	100	0	0.05	0.715	22.10	23.00	1.230	0.879	/
LTE B66	ANT0	QPSK	Back Side	10	20	132322	1745	100	0	0.03	0.700	21.95	23.00	1.274	0.892	/

10.2 LTE-Limbs

Band	Antenna	Mode	Position	Dist.(mm)	Bandwidth	Ch.	Freq.(MHz)	RB Size	RB offset	Power Drift(dB)	10 g Meas SAR(W/kg)	Meas. Power (dBm)	Max. tune-up power(dBm)	Scaling Factor	10g Scaled SAR (W/kg)	Meas. No.
LTE B2	ANT0	QPSK	Front Side	0	20	18900	1880	1	49	0.07	0.973	23.53	24.00	1.114	1.084	/
LTE B2	ANT0	QPSK	Back Side	0	20	18900	1880	1	49	-0.11	0.603	23.53	24.00	1.114	0.672	/
LTE B2	ANT0	QPSK	Left Edge	0	20	18900	1880	1	49	0.16	0.165	23.53	24.00	1.114	0.184	/
LTE B2	ANT0	QPSK	Right Edge	0	20	18900	1880	1	49	-0.13	1.110	23.53	24.00	1.114	1.237	/
LTE B2	ANT0	QPSK	Top Edge	0	20	18900	1880	1	49	-0.06	0.008	23.53	24.00	1.114	0.008	/
LTE B2	ANT0	QPSK	Bottom Edge	0	20	18900	1880	1	49	0.16	0.980	23.53	24.00	1.114	1.092	/
LTE B2	ANT0	QPSK	Right Edge	0	20	18700	1860	1	49	-0.18	1.070	23.41	24.00	1.146	1.226	/
LTE B2	ANT0	QPSK	Right Edge	0	20	19100	1900	1	49	0.15	1.140	23.52	24.00	1.117	**1.273**	9#
LTE B2	ANT0	QPSK	Front Side	0	20	18900	1880	50	25	0.05	0.762	22.67	23.00	1.079	0.822	/
LTE B2	ANT0	QPSK	Back Side	0	20	18900	1880	50	25	-0.18	0.493	22.67	23.00	1.079	0.531	/
LTE B2	ANT0	QPSK	Left Edge	0	20	18900	1880	50	25	-0.09	0.131	22.67	23.00	1.079	0.142	/
LTE B2	ANT0	QPSK	Right Edge	0	20	18900	1880	50	25	0.15	0.897	22.67	23.00	1.079	0.967	/
LTE B2	ANT0	QPSK	Top Edge	0	20	18900	1880	50	25	-0.02	0.009	22.67	23.00	1.079	0.009	/
LTE B2	ANT0	QPSK	Bottom Edge	0	20	18900	1880	50	25	-0.17	0.769	22.67	23.00	1.079	0.829	/
LTE B2	ANT0	QPSK	Right Edge	0	20	18700	1860	50	50	-0.17	0.903	22.50	23.00	1.122	1.013	/
LTE B2	ANT0	QPSK	Right Edge	0	20	19100	1900	50	50	0.12	0.929	22.64	23.00	1.086	1.009	/
LTE B2	ANT0	QPSK	Right Edge	0	20	18900	1900	100	0	0.10	0.929	22.55	23.00	1.109	1.030	/
LTE B4	ANT0	QPSK	Front Side	0	20	20175	1732.5	1	49	0.06	1.190	23.29	24.00	1.178	1.402	/
LTE B4	ANT0	QPSK	Back Side	0	20	20175	1732.5	1	49	0.05	0.876	23.29	24.00	1.178	1.032	/

LTE B4	ANT0	QPSK	Left Edge	0	20	20175	1732.5	1	49	-0.08	0.160	23.29	24.00	1.178	0.189	/
LTE B4	ANT0	QPSK	Right Edge	0	20	20175	1732.5	1	49	0.17	1.210	23.29	24.00	1.178	1.425	/
LTE B4	ANT0	QPSK	Top Edge	0	20	20175	1732.5	1	49	-0.11	0.032	23.29	24.00	1.178	0.037	/
LTE B4	ANT0	QPSK	Bottom Edge	0	20	20175	1732.5	1	49	-0.15	1.200	23.29	24.00	1.178	1.414	/
LTE B4	ANT0	QPSK	Right Edge	0	20	20050	1720	1	49	0.09	1.230	23.23	24.00	1.194	**1.469**	10#
LTE B4	ANT0	QPSK	Right Edge	0	20	20300	1745	1	49	0.05	1.200	23.28	24.00	1.18	1.416	/
LTE B4	ANT0	QPSK	Front Side	0	20	20175	1732.5	50	25	-0.01	0.972	22.35	23.00	1.161	1.128	/
LTE B4	ANT0	QPSK	Back Side	0	20	20175	1732.5	50	25	-0.11	0.714	22.35	23.00	1.161	0.829	/
LTE B4	ANT0	QPSK	Left Edge	0	20	20175	1732.5	50	25	0.08	0.129	22.35	23.00	1.161	0.150	/
LTE B4	ANT0	QPSK	Right Edge	0	20	20175	1732.5	50	25	-0.16	0.978	22.35	23.00	1.161	1.135	/
LTE B4	ANT0	QPSK	Top Edge	0	20	20175	1732.5	50	25	-0.04	0.011	22.35	23.00	1.161	0.012	/
LTE B4	ANT0	QPSK	Bottom Edge	0	20	20175	1732.5	50	25	-0.11	0.966	22.35	23.00	1.161	1.122	/
LTE B4	ANT0	QPSK	Right Edge	0	20	20050	1720	50	50	-0.01	0.960	22.24	23.00	1.191	1.143	/
LTE B4	ANT0	QPSK	Right Edge	0	20	20300	1745	50	25	-0.17	0.972	22.27	23.00	1.183	1.150	/
LTE B4	ANT0	QPSK	Right Edge	0	20	20175	1745	100	0	0.04	0.948	22.12	23.00	1.225	1.161	/
LTE B5	ANT0	QPSK	Front Side	0	10	20525	836.5	1	24	0.17	0.985	23.22	24.00	1.197	1.179	/
LTE B5	ANT0	QPSK	Back Side	0	10	20525	836.5	1	24	-0.03	0.594	23.22	24.00	1.197	0.711	/
LTE B5	ANT0	QPSK	Left Edge	0	10	20525	836.5	1	24	-0.17	0.286	23.22	24.00	1.197	0.342	/
LTE B5	ANT0	QPSK	Right Edge	0	10	20525	836.5	1	24	0.12	0.439	23.22	24.00	1.197	0.525	/
LTE B5	ANT0	QPSK	Top Edge	0	10	20525	836.5	1	24	0.13	0.020	23.22	24.00	1.197	0.024	/
LTE B5	ANT0	QPSK	Bottom Edge	0	10	20525	836.5	1	24	-0.18	0.538	23.22	24.00	1.197	0.644	/
LTE B5	ANT0	QPSK	Front Side	0	10	20450	829	1	49	0.08	1.000	23.21	24.00	1.199	**1.199**	11#

LTE B5	ANT0	QPSK	Front Side	0	10	20600	844	1	24	-0.08	0.915	23.16	24.00	1.213	1.110	/
LTE B5	ANT0	QPSK	Front Side	0	10	20525	836.5	25	12	-0.06	0.776	22.18	23.00	1.208	0.937	/
LTE B5	ANT0	QPSK	Back Side	0	10	20525	836.5	25	12	-0.11	0.444	22.18	23.00	1.208	0.536	/
LTE B5	ANT0	QPSK	Left Edge	0	10	20525	836.5	25	12	-0.17	0.217	22.18	23.00	1.208	0.262	/
LTE B5	ANT0	QPSK	Right Edge	0	10	20525	836.5	25	12	-0.07	0.337	22.18	23.00	1.208	0.407	/
LTE B5	ANT0	QPSK	Top Edge	0	10	20525	836.5	25	12	-0.17	0.018	22.18	23.00	1.208	0.022	/
LTE B5	ANT0	QPSK	Bottom Edge	0	10	20525	836.5	25	12	-0.12	0.278	22.18	23.00	1.208	0.336	/
LTE B5	ANT0	QPSK	Front Side	0	10	20450	829	25	25	-0.01	0.948	22.15	23.00	1.216	1.153	/
LTE B5	ANT0	QPSK	Front Side	0	10	20600	844	25	12	0.17	0.747	22.13	23.00	1.222	0.913	/
LTE B5	ANT0	QPSK	Front Side	0	10	20525	836.5	50	0	-0.11	0.751	22.10	23.00	1.23	0.924	/
LTE B7	ANT0	QPSK	Front Side	0	20	21100	2535	1	49	0.05	1.630	23.40	24.00	1.148	**1.871**	12#
LTE B7	ANT0	QPSK	Back Side	0	20	21100	2535	1	49	-0.03	1.490	23.40	24.00	1.148	1.711	/
LTE B7	ANT0	QPSK	Left Edge	0	20	21100	2535	1	49	-0.17	0.319	23.40	24.00	1.148	0.366	/
LTE B7	ANT0	QPSK	Right Edge	0	20	21100	2535	1	49	0.00	0.411	23.40	24.00	1.148	0.472	/
LTE B7	ANT0	QPSK	Top Edge	0	20	21100	2535	1	49	0.07	0.028	23.40	24.00	1.148	0.032	/
LTE B7	ANT0	QPSK	Bottom Edge	0	20	21100	2535	1	49	0.07	1.140	23.40	24.00	1.148	1.309	/
LTE B7	ANT0	QPSK	Front Side	0	20	20850	2510	1	49	-0.13	1.390	23.34	24.00	1.164	1.618	/
LTE B7	ANT0	QPSK	Front Side	0	20	21350	2560	1	49	-0.05	1.420	23.34	24.00	1.164	1.653	/
LTE B7	ANT0	QPSK	Front Side	0	20	21100	2535	50	50	-0.18	1.250	22.33	23.00	1.167	1.459	/
LTE B7	ANT0	QPSK	Back Side	0	20	21100	2535	50	50	0.19	1.210	22.33	23.00	1.167	1.412	/
LTE B7	ANT0	QPSK	Left Edge	0	20	21100	2535	50	50	-0.07	0.270	22.33	23.00	1.167	0.315	/
LTE B7	ANT0	QPSK	Right Edge	0	20	21100	2535	50	50	0.15	0.337	22.33	23.00	1.167	0.393	/

LTE B7	ANT0	QPSK	Top Edge	0	20	21100	2535	50	50	-0.06	0.024	22.33	23.00	1.167	0.028	/
LTE B7	ANT0	QPSK	Bottom Edge	0	20	21100	2535	50	50	-0.01	0.907	22.33	23.00	1.167	1.058	/
LTE B7	ANT0	QPSK	Front Side	0	20	20850	2510	50	25	-0.17	1.180	22.25	23.00	1.189	1.403	/
LTE B7	ANT0	QPSK	Front Side	0	20	21350	2560	50	25	-0.14	1.150	22.31	23.00	1.172	1.348	/
LTE B7	ANT0	QPSK	Front Side	0	20	21100	2535	100	0	0.04	1.160	22.23	23.00	1.194	1.385	/
LTE B12	ANT0	QPSK	Front Side	0	10	23095	707.5	1	49	-0.10	1.040	23.30	24.00	1.175	1.222	/
LTE B12	ANT0	QPSK	Back Side	0	10	23095	707.5	1	49	-0.15	0.917	23.30	24.00	1.175	1.077	/
LTE B12	ANT0	QPSK	Left Edge	0	10	23095	707.5	1	49	-0.04	0.280	23.30	24.00	1.175	0.329	/
LTE B12	ANT0	QPSK	Right Edge	0	10	23095	707.5	1	49	0.10	0.362	23.30	24.00	1.175	0.425	/
LTE B12	ANT0	QPSK	Top Edge	0	10	23095	707.5	1	49	-0.01	0.024	23.30	24.00	1.175	0.028	/
LTE B12	ANT0	QPSK	Bottom Edge	0	10	23095	707.5	1	49	-0.15	0.983	23.30	24.00	1.175	1.156	/
LTE B12	ANT0	QPSK	Front Side	0	10	23060	704	1	49	0.11	1.030	23.22	24.00	1.197	1.233	/
LTE B12	ANT0	QPSK	Front Side	0	10	23130	711	1	24	0.19	1.050	23.26	24.00	1.186	**1.245**	13#
LTE B12	ANT0	QPSK	Front Side	0	10	23095	707.5	25	25	0.04	0.789	22.19	23.00	1.205	0.950	/
LTE B12	ANT0	QPSK	Back Side	0	10	23095	707.5	25	25	0.07	0.722	22.19	23.00	1.205	0.870	/
LTE B12	ANT0	QPSK	Left Edge	0	10	23095	707.5	25	25	0.10	0.246	22.19	23.00	1.205	0.297	/
LTE B12	ANT0	QPSK	Right Edge	0	10	23095	707.5	25	25	-0.17	0.305	22.19	23.00	1.205	0.368	/
LTE B12	ANT0	QPSK	Top Edge	0	10	23095	707.5	25	25	-0.07	0.010	22.19	23.00	1.205	0.012	/
LTE B12	ANT0	QPSK	Bottom Edge	0	10	23095	707.5	25	25	0.04	0.779	22.19	23.00	1.205	0.938	/
LTE B12	ANT0	QPSK	Front Side	0	10	23060	704	25	12	0.15	0.779	22.16	23.00	1.213	0.944	/
LTE B12	ANT0	QPSK	Front Side	0	10	23130	711	25	12	-0.01	0.804	22.14	23.00	1.219	0.980	/
LTE B12	ANT0	QPSK	Front Side	0	10	23095	711	50	0	0.19	0.812	22.04	23.00	1.247	1.013	/

LTE B13	ANT0	QPSK	Front Side	0	10	23230	782	1	49	0.02	0.985	23.19	24.00	1.205	**1.187**	14#
LTE B13	ANT0	QPSK	Back Side	0	10	23230	782	1	49	-0.11	0.665	23.19	24.00	1.205	0.801	/
LTE B13	ANT0	QPSK	Left Edge	0	10	23230	782	1	49	0.01	0.315	23.19	24.00	1.205	0.380	/
LTE B13	ANT0	QPSK	Right Edge	0	10	23230	782	1	49	0.14	0.534	23.19	24.00	1.205	0.643	/
LTE B13	ANT0	QPSK	Top Edge	0	10	23230	782	1	49	-0.06	0.031	23.19	24.00	1.205	0.037	/
LTE B13	ANT0	QPSK	Bottom Edge	0	10	23230	782	1	49	0.19	0.590	23.19	24.00	1.205	0.711	/
LTE B13	ANT0	QPSK	Front Side	0	10	23230	782	25	12	-0.10	0.785	22.21	23.00	1.199	0.941	/
LTE B13	ANT0	QPSK	Back Side	0	10	23230	782	25	12	0.16	0.492	22.21	23.00	1.199	0.590	/
LTE B13	ANT0	QPSK	Left Edge	0	10	23230	782	25	12	0.04	0.239	22.21	23.00	1.199	0.287	/
LTE B13	ANT0	QPSK	Right Edge	0	10	23230	782	25	12	-0.09	0.401	22.21	23.00	1.199	0.481	/
LTE B13	ANT0	QPSK	Top Edge	0	10	23230	782	25	12	-0.04	0.028	22.21	23.00	1.199	0.034	/
LTE B13	ANT0	QPSK	Bottom Edge	0	10	23230	782	25	12	-0.19	0.439	22.21	23.00	1.199	0.526	/
LTE B13	ANT0	QPSK	Front Side	0	10	23230	782	50	0	0.14	0.799	22.06	23.00	1.242	0.992	/
LTE B17	ANT0	QPSK	Front Side	0	10	23790	710	1	49	-0.15	1.040	23.35	24.00	1.161	1.207	/
LTE B17	ANT0	QPSK	Back Side	0	10	23790	710	1	49	0.18	0.907	23.35	24.00	1.161	1.053	/
LTE B17	ANT0	QPSK	Left Edge	0	10	23790	710	1	49	-0.01	0.285	23.35	24.00	1.161	0.331	/
LTE B17	ANT0	QPSK	Right Edge	0	10	23790	710	1	49	-0.11	0.396	23.35	24.00	1.161	0.460	/
LTE B17	ANT0	QPSK	Top Edge	0	10	23790	710	1	49	0.00	0.025	23.35	24.00	1.161	0.029	/
LTE B17	ANT0	QPSK	Bottom Edge	0	10	23790	710	1	49	-0.14	0.932	23.35	24.00	1.161	1.082	/
LTE B17	ANT0	QPSK	Front Side	0	10	23780	709	1	24	0.18	1.020	23.17	24.00	1.211	1.235	/
LTE B17	ANT0	QPSK	Front Side	0	10	23800	711	1	49	0.07	1.070	23.31	24.00	1.172	**1.254**	15#
LTE B17	ANT0	QPSK	Front Side	0	10	23790	710	25	12	-0.15	0.883	22.18	23.00	1.208	1.066	/

LTE B17	ANT0	QPSK	Back Side	0	10	23790	710	25	12	-0.18	0.680	22.18	23.00	1.208	0.822	/
LTE B17	ANT0	QPSK	Left Edge	0	10	23790	710	25	12	0.17	0.193	22.18	23.00	1.208	0.233	/
LTE B17	ANT0	QPSK	Right Edge	0	10	23790	710	25	12	-0.03	0.300	22.18	23.00	1.208	0.363	/
LTE B17	ANT0	QPSK	Top Edge	0	10	23790	710	25	12	-0.13	0.013	22.18	23.00	1.208	0.016	/
LTE B17	ANT0	QPSK	Bottom Edge	0	10	23790	710	25	12	0.16	0.838	22.18	23.00	1.208	1.013	/
LTE B17	ANT0	QPSK	Front Side	0	10	23780	709	25	12	0.03	0.863	22.15	23.00	1.216	1.049	/
LTE B17	ANT0	QPSK	Front Side	0	10	23800	711	25	12	0.09	0.863	22.10	23.00	1.23	1.061	/
LTE B17	ANT0	QPSK	Front Side	0	10	23790	710	50	0	-0.12	0.863	22.01	23.00	1.256	1.084	/
LTE B66	ANT0	QPSK	Front Side	0	20	132322	1745	1	49	0.03	2.160	23.39	24.00	1.151	**2.486**	16#
LTE B66	ANT0	QPSK	Back Side	0	20	132322	1745	1	49	0.18	1.440	23.39	24.00	1.151	1.657	/
LTE B66	ANT0	QPSK	Left Edge	0	20	132322	1745	1	49	-0.13	0.291	23.39	24.00	1.151	0.335	/
LTE B66	ANT0	QPSK	Right Edge	0	20	132322	1745	1	49	-0.14	2.060	23.39	24.00	1.151	2.371	/
LTE B66	ANT0	QPSK	Top Edge	0	20	132322	1745	1	49	0.07	0.044	23.39	24.00	1.151	0.051	/
LTE B66	ANT0	QPSK	Bottom Edge	0	20	132322	1745	1	49	0.19	2.080	23.39	24.00	1.151	2.394	/
LTE B66	ANT0	QPSK	Front Side	0	20	132072	1720	1	49	-0.05	2.140	23.35	24.00	1.161	2.484	/
LTE B66	ANT0	QPSK	Front Side	0	20	132572	1770	1	49	-0.09	1.910	23.20	24.00	1.202	2.296	/
LTE B66	ANT0	QPSK	Right Edge	0	20	132072	1720	1	49	0.03	1.820	23.35	24.00	1.161	2.113	/
LTE B66	ANT0	QPSK	Right Edge	0	20	132572	1770	1	49	0.02	1.910	23.20	24.00	1.202	2.296	/
LTE B66	ANT0	QPSK	Bottom Edge	0	20	132072	1720	1	49	-0.05	1.850	23.35	24.00	1.161	2.148	/
LTE B66	ANT0	QPSK	Bottom Edge	0	20	132572	1770	1	49	0.07	1.830	23.20	24.00	1.202	2.200	/
LTE B66	ANT0	QPSK	Front Side	0	20	132322	1745	50	25	-0.12	1.750	22.19	23.00	1.205	2.109	/
LTE B66	ANT0	QPSK	Back Side	0	20	132322	1745	50	25	0.17	1.170	22.19	23.00	1.205	1.410	/

LTE B66	ANT0	QPSK	Left Edge	0	20	132322	1745	50	25	-0.07	0.238	22.19	23.00	1.205	0.286	/
LTE B66	ANT0	QPSK	Right Edge	0	20	132322	1745	50	25	0.07	1.670	22.19	23.00	1.205	2.012	/
LTE B66	ANT0	QPSK	Top Edge	0	20	132322	1745	50	25	-0.14	0.059	22.19	23.00	1.205	0.071	/
LTE B66	ANT0	QPSK	Bottom Edge	0	20	132322	1745	50	25	0.02	1.700	22.19	23.00	1.205	2.049	/
LTE B66	ANT0	QPSK	Front Side	0	20	132072	1720	50	50	0.09	1.740	22.18	23.00	1.208	2.102	/
LTE B66	ANT0	QPSK	Front Side	0	20	132572	1770	50	25	-0.10	1.630	22.12	23.00	1.225	1.997	/
LTE B66	ANT0	QPSK	Right Edge	0	20	132072	1720	50	50	0.03	1.550	22.18	23.00	1.208	1.872	/
LTE B66	ANT0	QPSK	Right Edge	0	20	132572	1770	50	25	0.05	1.420	22.12	23.00	1.225	1.740	/
LTE B66	ANT0	QPSK	Bottom Edge	0	20	132072	1720	50	50	-0.02	1.570	22.18	23.00	1.208	1.897	/
LTE B66	ANT0	QPSK	Bottom Edge	0	20	132572	1770	50	25	-0.07	1.610	22.12	23.00	1.225	1.972	/
LTE B66	ANT0	QPSK	Front Side	0	20	132322	1745	100	0	0.19	1.420	21.95	23.00	1.274	1.809	/

10.3WIFI&BT-Body

Band	Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	Power Drift(dB)	1 g Meas SAR(W/kg)	Meas. Power (dBm)	Max. tune-up power(dBm)	Scaling Factor	Duty cycle (%)	Duty cycle Factor	1g Scaled SAR (W/kg)	Meas. No.
Body															
Bluetooth	ANT1	DH5	Front Side	10	0	2402	0.12	0.022	12.54	13.00	1.112	56.49	1.770	0.043	/
Bluetooth	ANT1	DH5	Back Side	10	0	2402	0.17	0.032	12.54	13.00	1.112	56.49	1.770	**0.063**	17#
Bluetooth	ANT1	DH5	Left Edge	10	0	2402	0.01	0.015	12.54	13.00	1.112	56.49	1.770	0.030	/
Bluetooth	ANT1	DH5	Right Edge	10	0	2402	0.13	0.016	12.54	13.00	1.112	56.49	1.770	0.031	/
Bluetooth	ANT1	DH5	Top Edge	10	0	2402	0.14	0.014	12.54	13.00	1.112	56.49	1.770	0.028	/
Bluetooth	ANT1	DH5	Bottom Edge	10	0	2402	0.07	0.011	12.54	13.00	1.112	56.49	1.770	0.022	/
Bluetooth	ANT1	DH5	Back Side	10	39	2441	-0.03	0.031	12.50	13.00	1.122	56.49	1.770	0.062	/
Bluetooth	ANT1	DH5	Back Side	10	78	2480	0.05	0.029	12.26	13.00	1.185	56.49	1.770	0.061	/
2.4G WIFI	ANT1	802.11b	Front Side	10	1	2412	0.11	0.062	18.10	18.50	1.096	95.55	1.047	0.071	/
2.4G WIFI	ANT1	802.11b	Back Side	10	1	2412	0.15	0.257	18.10	18.50	1.096	95.55	1.047	**0.295**	18#
2.4G WIFI	ANT1	802.11b	Left Edge	10	1	2412	-0.11	0.154	18.10	18.50	1.096	95.55	1.047	0.177	/
2.4G WIFI	ANT1	802.11b	Right Edge	10	1	2412	0.08	0.032	18.10	18.50	1.096	95.55	1.047	0.037	/
2.4G WIFI	ANT1	802.11b	Top Edge	10	1	2412	0.14	0.014	18.10	18.50	1.096	95.55	1.047	0.016	/
2.4G WIFI	ANT1	802.11b	Bottom Edge	10	1	2412	-0.10	0.011	18.10	18.50	1.096	95.55	1.047	0.013	/
2.4G WIFI	ANT1	802.11b	Back Side	10	6	2437	0.05	0.231	17.95	18.50	1.135	95.55	1.047	0.274	/
2.4G WIFI	ANT1	802.11b	Back Side	10	11	2462	-0.11	0.242	17.86	18.50	1.159	95.55	1.047	0.293	/
5.2G WIFI	ANT1	802.11a	Front Side	10	44	5220	0.14	0.035	13.37	13.50	1.030	87.16	1.147	0.041	/
5.2G WIFI	ANT1	802.11a	Back Side	10	44	5220	0.17	0.211	13.37	13.50	1.030	87.16	1.147	0.249	/

5.2G WIFI	ANT1	802.11a	Left Edge	10	44	5220	0.01	0.115	13.37	13.50	1.030	87.16	1.147	0.136	/
5.2G WIFI	ANT1	802.11a	Right Edge	10	44	5220	-0.03	0.012	13.37	13.50	1.030	87.16	1.147	0.014	/
5.2G WIFI	ANT1	802.11a	Top Edge	10	44	5220	0.06	0.014	13.37	13.50	1.030	87.16	1.147	0.017	/
5.2G WIFI	ANT1	802.11a	Bottom Edge	10	44	5220	0.11	0.011	13.37	13.50	1.030	87.16	1.147	0.013	/
5.2G WIFI	ANT1	802.11a	Back Side	10	36	5180	0.07	0.218	13.31	13.50	1.045	87.16	1.147	0.261	/
5.2G WIFI	ANT1	802.11a	Back Side	10	48	5240	0.04	0.227	13.29	13.50	1.050	87.16	1.147	**0.273**	19#
5.8G WIFI	ANT1	802.11a	Front Side	10	157	5785	-0.16	0.055	16.29	16.50	1.050	87.16	1.147	0.066	/
5.8G WIFI	ANT1	802.11a	Back Side	10	157	5785	0.03	0.202	16.29	16.50	1.050	87.16	1.147	0.243	/
5.8G WIFI	ANT1	802.11a	Left Edge	10	157	5785	-0.18	0.181	16.29	16.50	1.050	87.16	1.147	0.218	/
5.8G WIFI	ANT1	802.11a	Right Edge	10	157	5785	-0.04	0.025	16.29	16.50	1.050	87.16	1.147	0.030	/
5.8G WIFI	ANT1	802.11a	Top Edge	10	157	5785	0.09	0.024	16.29	16.50	1.050	87.16	1.147	0.029	/
5.8G WIFI	ANT1	802.11a	Bottom Edge	10	157	5785	0.06	0.038	16.29	16.50	1.050	87.16	1.147	0.046	/
5.8G WIFI	ANT1	802.11a	Back Side	10	149	5745	0.10	0.199	16.18	16.50	1.076	87.16	1.147	0.246	/
5.8G WIFI	ANT1	802.11a	Back Side	10	165	5825	0.07	0.221	16.27	16.50	1.054	87.16	1.147	**0.267**	20#

10.4WIFI&BT-Limbs

Band	Antenna	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	Power Drift(dB)	10 g Meas SAR(W/kg)	Meas. Power (dBm)	Max. tune-up power(dBm)	Scaling Factor	Duty cycle (%)	Duty cycle Factor	10g Scaled SAR (W/kg)	Meas. No.
Limbs															
Bluetooth	ANT1	DH5	Front Side	0	0	2402	-0.17	0.015	12.54	13.00	1.112	56.49	1.770	0.029	/
Bluetooth	ANT1	DH5	Back Side	0	0	2402	0.02	0.033	12.54	13.00	1.112	56.49	1.770	0.064	/
Bluetooth	ANT1	DH5	Left Edge	0	0	2402	-0.01	0.036	12.54	13.00	1.112	56.49	1.770	**0.071**	21#
Bluetooth	ANT1	DH5	Right Edge	0	0	2402	-0.03	0.011	12.54	13.00	1.112	56.49	1.770	0.022	/
Bluetooth	ANT1	DH5	Top Edge	0	0	2402	-0.14	0.012	12.54	13.00	1.112	56.49	1.770	0.024	/
Bluetooth	ANT1	DH5	Bottom Edge	0	0	2402	0.18	0.015	12.54	13.00	1.112	56.49	1.770	0.030	/
Bluetooth	ANT1	DH5	Back Side	0	39	2441	-0.04	0.031	12.50	13.00	1.122	56.49	1.770	0.061	/
Bluetooth	ANT1	DH5	Back Side	0	78	2480	0.13	0.027	12.26	13.00	1.185	56.49	1.770	0.056	/
2.4G WIFI	ANT1	802.11b	Front Side	0	1	2412	0.14	0.112	18.10	18.50	1.096	95.55	1.047	0.128	/
2.4G WIFI	ANT1	802.11b	Back Side	0	1	2412	-0.17	0.124	18.10	18.50	1.096	95.55	1.047	0.142	/
2.4G WIFI	ANT1	802.11b	Left Edge	0	1	2412	0.03	0.335	18.10	18.50	1.096	95.55	1.047	**0.384**	22#
2.4G WIFI	ANT1	802.11b	Right Edge	0	1	2412	0.01	0.030	18.10	18.50	1.096	95.55	1.047	0.035	/
2.4G WIFI	ANT1	802.11b	Top Edge	0	1	2412	-0.17	0.032	18.10	18.50	1.096	95.55	1.047	0.036	/
2.4G WIFI	ANT1	802.11b	Bottom Edge	0	1	2412	-0.03	0.055	18.10	18.50	1.096	95.55	1.047	0.064	/
2.4G WIFI	ANT1	802.11b	Left Edge	0	6	2437	-0.04	0.320	17.95	18.50	1.135	95.55	1.047	0.380	/
2.4G WIFI	ANT1	802.11b	Left Edge	0	11	2462	-0.17	0.277	17.86	18.50	1.159	95.55	1.047	0.336	/
5.2G WIFI	ANT1	802.11a	Front Side	0	44	5220	-0.14	0.075	13.37	13.50	1.030	87.16	1.147	0.089	/
5.2G WIFI	ANT1	802.11a	Back Side	0	44	5220	0.05	0.082	13.37	13.50	1.030	87.16	1.147	0.097	/
5.2G WIFI	ANT1	802.11a	Left Edge	0	44	5220	0.13	0.137	13.37	13.50	1.030	87.16	1.147	**0.162**	23#
5.2G WIFI	ANT1	802.11a	Right Edge	0	44	5220	0.13	0.012	13.37	13.50	1.030	87.16	1.147	0.014	/
5.2G WIFI	ANT1	802.11a	Top Edge	0	44	5220	-0.17	0.078	13.37	13.50	1.030	87.16	1.147	0.092	/

5.2G WIFI	ANT1	802.11a	Bottom Edge	0	44	5220	-0.12	0.025	13.37	13.50	1.030	87.16	1.147	0.030	/
5.2G WIFI	ANT1	802.11a	Left Edge	0	36	5180	0.01	0.133	13.31	13.50	1.045	87.16	1.147	0.159	/
5.2G WIFI	ANT1	802.11a	Left Edge	0	48	5240	-0.07	0.133	13.29	13.50	1.050	87.16	1.147	0.160	/
5.8G WIFI	ANT1	802.11a	Front Side	0	157	5785	-0.04	0.123	16.29	16.50	1.050	87.16	1.147	0.148	/
5.8G WIFI	ANT1	802.11a	Back Side	0	157	5785	-0.19	0.073	16.29	16.50	1.050	87.16	1.147	0.088	/
5.8G WIFI	ANT1	802.11a	Left Edge	0	157	5785	0.17	0.246	16.29	16.50	1.050	87.16	1.147	**0.296**	24#
5.8G WIFI	ANT1	802.11a	Right Edge	0	157	5785	0.17	0.012	16.29	16.50	1.050	87.16	1.147	0.014	/
5.8G WIFI	ANT1	802.11a	Top Edge	0	157	5785	0.04	0.060	16.29	16.50	1.050	87.16	1.147	0.073	/
5.8G WIFI	ANT1	802.11a	Bottom Edge	0	157	5785	0.17	0.027	16.29	16.50	1.050	87.16	1.147	0.032	/
5.8G WIFI	ANT1	802.11a	Left Edge	0	149	5745	0.03	0.237	16.18	16.50	1.076	87.16	1.147	0.293	/
5.8G WIFI	ANT1	802.11a	Left Edge	0	165	5825	0.14	0.242	16.27	16.50	1.054	87.16	1.147	0.293	/

10.5 NFC SAR

1. According to the ANSI C63.10 clause 11.12.2.2:

The value of maximum peak output power is according to the method described in ANSI C63.10 clause 11.12.2.2 General procedure for conducted measurements in restricted bands:

a) Measure the conducted output power (in dBm) using the detector specified (see guidance regarding measurement procedures for determining quasi-peak, peak, and average conducted output power, respectively).

b) Add the maximum transmit antenna gain (in dBi) to the measured output power level to determine the ERP level (see guidance on determining the applicable antenna gain)

c) Add the appropriate maximum ground reflection factor to the ERP level (6 dB for frequencies ≤ 30 MHz, 4.7 dB for frequencies between 30 MHz and 1000 MHz, inclusive and 0 dB for frequencies > 1000 MHz).

d) For devices with multiple antenna-ports, measure the power of each individual chain and sum the ERP of all chains in linear terms (e.g., Watts, mW).

e) Convert the resultant ERP level to an equivalent electric field strength using the following relationship: E = ERP - 20log D + 104.8

where:

E = electric field strength in dBμV/m,

ERP = equivalent isotropic radiated power in dBm

D = specified measurement distance in meters.

Mode	f (MHz)	Max. E-Field strength (dBuV/m)	D (m)	Ground reflection factor (dB)	ERP (dBm)
NFC (13.56MHz)	13.56	76.36	3	6	-12.89
Note: 1. Add the appropriate maximum ground reflection factor to the ERP level (6 dB for frequencies ≤ 30 MHz). 2.ERP= 76.36+20*Log(3) - 104.8 + 6 =-12.89 (dBm)					

According to the FCC KDB 447498 D04

Estimated SAR: SAR test =1.6 · Pant / Pth [W/kg]

Estimated SAR	1.6 ·Pant / Pth [W/kg]		
Pmeas.(dBm)	-12.89	Pmeas.(mW)	0.051
Pth.(mW)	443.13		
NFC Estimated 1g SAR [W/kg]	＜0.001		

11 SAR Measurement Variability

According to KDB 865664 D01, SAR measurement variability was assessed for each frequency band, which is determined by the SAR probe calibration point and tissue-equivalent medium used for the device measurements. When both head and body tissue-equivalent media are required for SAR measurements in a frequency band, the variability measurement procedures should be applied to the tissue medium with the highest measured SAR, using the highest measured SAR configuration for that tissue-equivalent medium. Alternatively, if the highest measured SAR for both head and body tissue-equivalent media are ≤ 1.45 W/kg and the ratio of these highest SAR values, i.e., largest divided by smallest value, is ≤ 1.10, the highest SAR configuration for either head or body tissue-equivalent medium may be used to perform the repeated measurement. These additional measurements are repeated after the completion of all measurements requiring the same head or body tissue-equivalent medium in a frequency band. The test device should be returned to ambient conditions (normal room temperature) with the battery fully charged before it is re-mounted on the device holder for the repeated measurement(s) to minimize any unexpected variations in the repeated results.

SAR repeated measurement procedure:

1. When the highest measured SAR is < 0.80 W/kg, repeated measurement is not required.
2. When the highest measured SAR is >= 0.80 W/kg, repeat that measurement once.
3. If the ratio of largest to smallest SAR for the original and first repeated measurements is > 1.20, or when the original or repeated measurement is >= 1.45 W/kg, perform a second repeated measurement.
4. If the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20, and the original, first or second repeated measurement is >= 1.5 W/kg, perform a third repeated measurement.

Frequency Band (MHz)	Wireless Band	RF Exposure Conditions	Test Position	Highest Measured SAR (W/kg)	Repeated SAR (Yes/No)	Repeated[1th] Measured SAR (W/kg)	Largest to Smallest SAR Radio
1720	LTE B66	Body	Back Side	1.02	Yes	0.985	1.04
1745	LTE B66	Body	Right Edge	0.866	Yes	0.853	1.02
1745	LTE B66	Limbs	Front Side	2.16	Yes	2.07	1.04
1745	LTE B66	Limbs	Right Edge	2.06	Yes	1.93	1.07
1700	LTE B66	Limbs	Bottom Edge	2.08	Yes	2.01	1.03

Note: The ratio of largest to smallest SAR for the original and first repeated measurements is < 1.20, the second repeated measurement. is not required.

12 SIMULTANEOUS TRANSMISSION

Simultaneous transmission SAR test exclusion is determined for each operating configuration and exposure condition according to the reported standalone SAR of each applicable simultaneous transmitting antenna. When the sum of SAR 1g of all simultaneously transmitting antennas in an operating mode and exposure condition combination is within the SAR limit (SAR 1g 1.6 W/kg), the simultaneous transmission SAR is not required. When the sum of SAR 1g is greater than the SAR limit (SAR 1g 1.6 W/kg), SAR test exclusion is determined by the SAR to Peak Location Ratio (SPLSR).

According KDB 447498 D04, simultaneous transmission:

a) SPLSR = (SAR1 + SAR2)^1.5 / R_i (min. separation distance, mm), and the peak separation distance is determined from the square root of [$(x1-x2)^2$ + $(y1-y2)^2$ + $(z1-z2)^2$], where (x1, y1, z1) and (x2, y2, z2) are the coordinates of the extrapolated peak SAR locations in the zoom scan.
SAR1 is the highest reported or estimated SAR for the first of a pair of simultaneous transmitting antennas, in a specific test operating mode and exposure condition.
SAR2 is the highest reported or estimated SAR for the second of a pair of simultaneous transmitting antennas, in a specific test operating mode and exposure condition as the first.

b) If SPLSR ≤ 0.04, simultaneously transmission SAR measurement is not necessary.

c) Simultaneously transmission SAR measurement, and the reported multi-band SAR < 1.6W/kg.

12.1 Simultaneous Transmission Mode Considerations

NO.	Mode	Body&Limb
1	WWAN+2.4G WIFI+NFC	Yes
2	WWAN+Bluetooth+5G WIFI+NFC	Yes

Note:

1. WiFi 2.4G and Bluetooth share the same antenna, and can't transmit simultaneously.
2. WiFi 2.4G and WiFi 5G do not support simultaneous transmission.
3. The maximum SAR summation is calculated based on the same configuration and test position.
4. The simultaneous transmission combinations of the more antennas contain combinations of less antennas, so only the worst simultaneous transmission combinations is shown in this report.

12.2 Sum SAR of Simultaneous Transmission

12.2.1 Highest Sum SAR of Simultaneous Transmission

Please refer the document “Ti-CC26060419-AST.pdf”.

12.2.2 Highest Total Exposure Ratio of Simultaneous Transmission

NFC multi-transmit requires the use of the TER formula:

$$TER = \sum_{k=1}^{N_S}\left(\frac{SAR_k}{SAR_{\lim}}\right) + \sum_{k=1}^{N_f}\left(\frac{MPE_{field,\,k}}{MPE_{field,\,\lim}}\right)^2 + \sum_{k=1}^{N_{PD}}\left(\frac{MPE_{PD,\,k}}{MPE_{PD,\,\lim}}\right)$$

The maximum SAR value for Simultaneous Transmission is 1.520 [W/kg]. Therefore, the worst TER =(1.520+0.001)/1.6 = 0.951＜1,the NFC SAR transmit simultaneously Pass.

13 TEST EQUIPMENTS LIST

Description	Manufacturer	Model	Serial No./Version	Cal. Date	Cal. Due
PC	Dell	N/A	N/A	N/A	N/A
Test Software	Speag	DASY5	52.8.8.1222	N/A	N/A
750MHz Validation Dipole	Speag	D750V3	SN: 1208	2024/08/19	2027/08/18
835MHz Validation Dipole	Speag	D835V2	SN: 4d187	2024/05/08	2027/05/07
1750MHz Validation Dipole	Speag	D1750V2	SN: 1130	2024/05/08	2027/05/07
1950MHz Validation Dipole	Speag	D1950V3	SN: 1240	2024/08/22	2027/08/21
2450MHz Validation Dipole	Speag	D2450V2	SN: 952	2024/05/07	2027/05/06
2600MHz Validation Dipole	Speag	D2600V2	SN: 1095	2024/05/08	2027/05/07
5GHz Validation Dipole	Speag	D5GHzV2	SN: 1200	2024/05/09	2027/05/08
Data Acquisition Electronics	Speag	DAE4	SN: 1711	2025/11/11	2026/11/10
E-Field Probe	Speag	EX3DV4	SN: 7510	2025/11/11	2026/11/10
Signal Generator	Keysight	N5173B	MY62150163	2026/06/22	2027/06/21
Power Meter	R&S	NRVD-B2	835843/014	2026/06/23	2027/06/22
Power Sensor	R&S	NRV-Z4	100381	2026/06/23	2027/06/22
Power Sensor	R&S	NRV-Z2	100211	2026/06/23	2027/06/22
Wireless Communication Test Set	R&S	CMW500	126646	2025/09/15	2026/09/14
Network Analyzer	Agilent	E5071C	MY46103472	2026/07/14	2027/07/13
Thermometer	Elitech	RC-4HC	EF7216002985	2025/10/30	2026/10/29
Thermometer	Elitech	RC-4	EF720B004811	2025/09/16	2026/09/15
Power Amplifier	Mini-Circuits	ZVA-183W-S+	932502132	N/A	N/A
Dielectric Probe Kit	Speag	DAK3.5	SN: 1312	N/A	N/A
Phantom	Speag	SAM	SN: 1576	N/A	N/A
Attenuator	COM-MW	ZA-S1-31	1305003187	N/A	N/A
Directional coupler	AA-MCS	AAMCS-UDC	000272	N/A	N/A

Note: For dipole antennas, BALUN has adopted 3 years as calibration intervals, and on annual basis, every measurement dipole has been evaluated and is in compliance with the following criteria:

1. There is no physical damage on the dipole;
2. System validation with specific dipole is within 10% of calibrated value;
3. Return-loss in within 20% of calibrated measurement.
4. Impedance (real or imaginary parts) in within 5 Ohms of calibrated measurement.

ANNEX A SIMULATING LIQUID VERIFICATION RESULT

The dielectric parameters of the liquids were verified prior to the SAR evaluation using a DAK3.5 Dielectric Probe Kit.

Head Liquid

Date	Liquid Type	Fre. (MHz)	Temp. (℃)	Meas. Conductivity (σ) (S/m)	Meas. Permittivity (ε)	Target Conductivity (σ) (S/m)	Target Permittivity (ε)	Conductivity Tolerance (%)	Permittivity Tolerance (%)
2026.07.03	Head	750	21.8	0.92	41.74	0.89	41.94	3.37	-0.48
2026.07.04	Head	1750	21.5	1.40	39.11	1.37	40.08	2.19	-2.42
2026.07.05	Head	1950	21.7	1.43	38.99	1.40	40.00	2.14	-2.53
2026.07.06	Head	2450	21.6	1.81	38.41	1.80	39.20	0.56	-2.02
2026.07.07	Head	5250	21.4	4.74	35.15	4.71	35.93	0.64	-2.17
2026.07.07	Head	5750	21.4	5.17	35.86	5.22	35.36	-0.96	1.41
2026.08.21	Head	750	21.6	0.87	42.54	0.89	41.94	-2.25	1.43
2026.08.21	Head	835	21.6	0.89	42.09	0.90	41.50	-1.11	1.42
2026.08.22	Head	2600	21.7	2.01	38.12	1.96	39.01	2.55	-2.28
Note: The tolerance limit of Conductivity and Permittivity is± 5%.									

ANNEX B SYSTEM CHECK RESULT

Comparing to the original SAR value provided by SPEAG, the validation data should be within itsspecification of 10 %

Head liquid 1g

Date	Liquid Type	Freq. (MHz)	Power (mW)	Measured SAR (W/kg)	Normalized SAR (W/kg)	Dipole SAR (W/kg)	Tolerance (%)
2026.07.03	Head	750	100	0.878	8.78	8.46	3.78
2026.07.04	Head	1750	100	3.650	36.50	37.00	-1.35
2026.07.05	Head	1950	100	4.150	41.50	41.70	-0.48
2026.07.06	Head	2450	100	5.370	53.70	52.60	2.09
2026.07.07	Head	5250	100	7.740	77.40	77.70	-0.39
2026.07.07	Head	5750	100	7.620	76.20	77.60	-1.80
2026.08.21	Head	750	100	0.842	8.42	8.46	-0.47
2026.08.21	Head	835	100	0.983	9.83	9.74	0.92
2026.08.22	Head	2600	100	5.470	54.70	55.90	-2.15
Note: The tolerance limit of System validation ±10%.							

Head liquid 10g

Date	Liquid Type	Freq. (MHz)	Power (mW)	Measured SAR (W/kg)	Normalized SAR (W/kg)	Dipole SAR (W/kg)	Tolerance (%)
2026.07.03	Head	750	100	0.581	5.81	5.70	1.93
2026.07.04	Head	1750	100	1.990	19.90	19.70	1.02
2026.07.05	Head	1950	100	2.130	21.30	21.70	-1.84
2026.07.06	Head	2450	100	2.480	24.80	24.70	0.40
2026.07.07	Head	5250	100	2.210	22.10	22.00	0.45
2026.07.07	Head	5750	100	2.110	21.10	21.90	-3.65
2026.08.21	Head	750	100	0.577	5.77	5.70	1.23
2026.08.21	Head	835	100	0.669	6.69	6.43	4.04
2026.08.22	Head	2600	100	2.510	25.10	25.40	-1.18
Note: The tolerance limit of System validation ±10%.							

Please refer the document “Ti-CC26060419-ASC.pdf”.

ANNEX C TEST DATA

Please refer the document “Ti-CC26060419-ATD.pdf”.

ANNEX D EUT EXTERNAL PHOTOS

Please refer the document “Ti-CC26060419-AW.pdf”.

ANNEX E SAR TEST SETUP PHOTOS

Please refer the document “Ti-CC26060419-AS.pdf”.

ANNEX F CALIBRATION REPORT

Please refer the document “Ti-CC26060419-AC.pdf”.

ANNEX G TUNE-UP PROCEDURE

Please refer the document “Ti-CC26060419-AT.pdf”.

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