



TEST REPORT

For SAR

Report No..... : CHTW26055044

Project No : SHT2603040702W

FCC ID : Q5EKI60

Applicant's name : Kirisun Communication Co.,Ltd.

Address : 3rd Floor, Building A, Tongfang Information Harbour, No.11 Langshan Road, Nanshan District, Shenzhen 518057, P.R.China

Product Name : PTTtoC Radio

Trade Mark..... : 

Model No..... : K-I60

Listed Model(s) : GP800

Standard : **FCC 47 CFR Part2.1093**
ANSI/IEEE Std C95.1-1992
IEEE Std 1528-2013

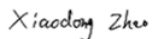
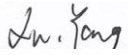
Date of receipt of test sample.....: 2026/4/7

Date of testing: 2026/4/21- 2026/4/30

Date of issue.....: 2026/6/30

Result..... : **PASS**



Compiled by (Position+Printed name+Signature) :	File administrator	Caspar Chen	
Supervised by (Position+Printed name+Signature) :	Project Engineer	Xiaodong Zhao	
Approved by (Position+Printed name+Signature) :	RF Manager	Xu Yang	

Testing Laboratory Name : **Shenzhen Huatongwei International Inspection Co., Ltd.**

Address..... : Building 7, Baiwang Idea Factory, No.1051, Songbai Road, Yangguang Community, Xili Subdistrict, Nanshan District, Shenzhen, Guangdong, China

Test Report Form No. : R0066

Test Report Form(s) Originator : Shenzhen Huatongwei International Inspection Co., Ltd.

Master TRF : Dated 2025-07

Shenzhen Huatongwei International Inspection Co., Ltd. All rights reserved.

This publication may be reproduced in whole or in part for non-commercial purposes as long as the Shenzhen Huatongwei International Inspection Co., Ltd. is acknowledged as copyright owner and source of the material. Shenzhen Huatongwei International Inspection Co., Ltd. takes no responsibility for and will not assume liability for damages resulting from the reader's interpretation of the reproduced material due to its placement and context. The test report merely correspond to the test sample. The authenticity of this Test Report and its contents can be verified by contacting the Laboratory, responsible for this Test Report.

Contents

<u>1.</u>	<u>Statement of Compliance</u>	<u>3</u>
<u>2.</u>	<u>Test Standards and Report version</u>	<u>4</u>
2.1.	Test Standards	4
2.2.	Report version	4
<u>3.</u>	<u>Summary</u>	<u>5</u>
3.1.	Client Information	5
3.2.	Product Description	5
3.3.	RF Specification Description	6
3.4.	Testing Laboratory Information	6
3.5.	Environmental conditions	6
<u>4.</u>	<u>Equipments Used during the Test</u>	<u>7</u>
<u>5.</u>	<u>Measurement Uncertainty</u>	<u>9</u>
<u>6.</u>	<u>SAR Measurements System Configuration</u>	<u>10</u>
6.1.	SAR Measurement Set-up	10
6.2.	DASY5 E-field Probe System	11
6.3.	Phantoms	12
6.4.	Device Holder	12
<u>7.</u>	<u>SAR Test Procedure</u>	<u>13</u>
7.1.	Scanning Procedure	13
7.2.	Data Storage and Evaluation	15
<u>8.</u>	<u>Position of the wireless device in relation to the phantom</u>	<u>17</u>
8.1.	Front-of-face	17
8.2.	Body Position	17
<u>9.</u>	<u>Dielectric Property Measurements & System Check</u>	<u>18</u>
9.1.	Tissue Dielectric Parameters	18
9.2.	System Check	20
<u>10.</u>	<u>SAR Exposure Limits</u>	<u>32</u>
<u>11.</u>	<u>Conducted Power Measurement Results and Tune-up</u>	<u>33</u>
<u>12.</u>	<u>Antenna Location</u>	<u>35</u>
<u>13.</u>	<u>Measured and Reported SAR Results</u>	<u>36</u>
<u>14.</u>	<u>SAR Measurement Variability</u>	<u>38</u>
<u>15.</u>	<u>Simultaneous Transmission analysis</u>	<u>39</u>
<u>16.</u>	<u>Test Setup Photos</u>	<u>40</u>
<u>17.</u>	<u>External and Internal Photos of the EUT</u>	<u>42</u>

1. Statement of Compliance

	Maximum Reported SAR (W/kg @1g)				
RF Exposure Conditions	LTE	WIFI 2.4G	WIFI 5G	BT	Simultaneous TX
Front-of-face(Dist.= 25mm)	0.147	0.008	0.017	0.001	0.164
Body-worn (Dist.= 10mm)& Body-worn with Belt clip(Dist.= 0mm)	0.480	0.106	0.997	0.001	1.477

Note:

1. This device is in compliance with Specific Absorption Rate (SAR) for general population/uncontrolled exposure limits (1.6 W/kg@1g) specified in FCC 47 CFR part 2 (2.1093) and IEEE Std C95.1,
2. This device had been tested in accordance with the measurement methods and procedures specified in IEEE 1528 and FCC KDB publications.

2. Test Standards and Report version

2.1. Test Standards

The tests were performed according to following standards:

[FCC 47 Part 2.1093](#): Radiofrequency Radiation Exposure Evaluation:Portable Devices

[ANSI/IEEE C95.1-1992](#): IEEE Standard for Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3 kHz to 300 GHz

[IEEE Std 1528-2013](#): IEEE Recommended Practice for Determining the Peak Spatial-Average Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques.

FCC published RF exposure KDB procedures:

[865664 D01 SAR Measurement 100 MHz to 6 GHz v01r04](#): SAR Measurement Requirements for 100 MHz to 6 GHz

[865664 D02 RF Exposure Reporting v01r02](#): RF Exposure Compliance Reporting and Documentation Considerations

[447498 D04 Interim General RF Exposure Guidance v01](#): Mobile and Portable Device RF Exposure Procedures and Equipment Authorization Policies

[248227 D01 802.11 Wi-Fi SAR v02r02](#): SAR Measurement Procedures for 802.11 a/b/g Transmitters

[941225 D05 SAR for LTE Devices v02r05](#): SAR Evaluation Considerations for LTE Devices

[TCB workshop](#) April, 2019; Page 19, Tissue Simulating Liquids (TSL)

2.2. Report version

Revision No.	Date of issue	Description
N/A	2026-06-30	Original

3. Summary

3.1. Client Information

Applicant:	Kirisun Communication Co.,Ltd.
Address:	3rd Floor, Building A, Tongfang Information Harbour, No.11 Langshan Road, Nanshan District, Shenzhen 518057, P.R.China
Manufacturer:	Kirisun Communication Co.,Ltd.
Address:	3rd Floor, Building A, Tongfang Information Harbour, No.11 Langshan Road, Nanshan District, Shenzhen 518057, P.R.China
Factory:	Fujian Kirisun Communication Co., Ltd
Address:	Building C,Haixi Electronic Information Industry Incubation Base,Science and Industry Road,Hi-Tech Industry Park,Fengze District,Quanzhou,362000 Fujian,P.R.China

3.2. Product Description

Main unit	
Product Name:	PTToC Radio
Trade Mark:	
Model No.:	K-I60
Listed Model(s):	GP800
Power supply:	DC 7.7V from Battery
Hardware version:	V1.0
Software version:	V1.0
Device Dimension:	Length x Width x Thickness (mm): 135 x 58 x 32
	LTE Antenna Length (mm): 65
Device Category:	Portable
Product stage:	Production unit
RF Exposure Environment:	General Population/Uncontrolled
HTW test sample No.:	YPHT26030407004
Support SIM card quantity:	☒ Single card ☐ Double card
Ancillary unit	
Battery information: #1	Model: KDC-D60-A 7.7V 2400mAh/18.48Wh

Note:

#1: The EUT battery must be fully charged and checked periodically during the test to ascertain uniform power.

3.3. RF Specification Description

LTE				
Operation Band:	☒ Band 2	☒ Band 4	☒ Band 5	☒ Band 7
	☒ Band 12	☒ Band 13	☒ Band 14	☒ Band 17
	☒ Band 25	☒ Band 26	☒ Band 66	☒ Band 71
	☒ Band 41			
Support type:	☒ Single Carrier	☐ CA-UL	☐ CA-DL	☐ MIMO-UL
Modulation type:	☒ QPSK	☒ 16QAM		
Power Class:	☒ Class 3	☐ Class 2		
Wi-Fi 2.4G				
Support type:	☒ 802.11b	☒ 802.11g	☒ 802.11n	☐ 802.11ax
Support bandwidth:	☒ 20MHz	☒ 40MHz		
Wi-Fi 5G				
Operation Band:	☒ U-NII-1	☒ U-NII-2A	☒ U-NII-2C	☒ U-NII-3
Support type:	☒ 802.11a	☒ 802.11n	☒ 802.11ac	☐ 802.11ax
Support bandwidth:	☒ 20MHz	☒ 40MHz	☒ 80MHz	☐ 160MHz
Bluetooth				
Support type:	☒ BR	☒ EDR	☒ BLE-1Mbps	☐ BLE-2Mbps

Note:

☒: means that this feature is supported; ☐: means that this feature is not supported

3.4. Testing Laboratory Information

Laboratory Name	Shenzhen Huatongwei International Inspection Co., Ltd.	
Laboratory Location	Building 7, Baiwang Idea Factory, No.1051, Songbai Road, Yangguang Community, Xili Subdistrict, Nanshan District, Shenzhen, Guangdong, China	
Connect information:	Tel: 400-963-0755 E-mail: cs@szhtw.com.cn http://www.szhtw.com.cn	
Qualifications	Type	Accreditation Number
	FCC Registration Number	762235
	FCC Designation Number	CN1181

3.5. Environmental conditions

During the measurement the environmental conditions were within the listed ranges:

Ambient temperature	18 °C to 25 °C
Ambient humidity	30%RH to 70%RH
Air Pressure	950-1050mbar

4. Equipments Used during the Test

● SAR Test Software					
Used	Test Item	Software Name	Manufacturer	Equipment No.	Version
●	SAR	DASY5	Speag	HTWER011	V52.10.0.1446

Used	Test Equipment	Manufacturer	Equipment No.	Model No.	Serial No.	Cal. date (YY-MM-DD)	Due date (YY-MM-DD)
●	Data Acquisition Electronics DAEx	SPEAG	HTWE0313-05	DAE4	1315	2026/1/7	2027/1/6
●	E-field Probe	SPEAG	HTWE0313-06	EX3DV4	7494	2025/7/10	2026/7/9
●	Phantoms	SPEAG	HTWE0313-12	ELI V8.0	2078	N/A	N/A
●	Head TSL	-	-	HBBL600-10000	-	N/A	N/A
●	Temperature & humidity	Aoyla	HTWE0642	AS105	K1211500839	2026/3/20	2027/3/19
●	Universal Radio Communication Tester	R&S	HTWE0323	CMW500	137681	2026/3/13	2027/3/12

Tissue-equivalent liquids Validation

●	Dielectric Assessment Kit	SPEAG	HTWE0315-02	DAK-3.5	1267	N/A	N/A
●	Network analyzer	Keysight	HTWE0331	E5071C	MY46733048	2025/8/19	2026/8/18
●	Thermometer	LKM	HTWE0317	DTM3000	3693	2026/3/20	2027/3/19

System Validation

●	System Validation Dipole	SPEAG	HTWE0314-03	D750V3	1180	2023/12/7	2026/12/6
●	System Validation Dipole	SPEAG	HTWE0314-04	D835V2	4d238	2023/12/8	2026/12/7
●	System Validation Dipole	SPEAG	HTWE0314-05	D1750V2	1164	2023/12/8	2026/12/7
●	System Validation Dipole	SPEAG	HTWE0314-06	D1900V2	5d226	2023/12/7	2026/12/6
●	System Validation Dipole	SPEAG	HTWE0314-07	D2450V2	1009	2023/12/6	2026/12/5
●	System Validation Dipole	SPEAG	HTWE0314-08	D2600V2	1150	2023/12/7	2026/12/6
●	System Validation Dipole	SPEAG	HTWE0314-09	D5GHzV2	1273	2023/12/6	2026/12/5
●	Signal Generator	R&S	HTWE0276	SMB100A	114360	2026/3/13	2027/3/12
●	Power Viewer for Windows	R&S	N/A	N/A	N/A	N/A	N/A
●	Power sensor	R&S	HTWE0278	NRP18A	101010	2026/3/13	2027/3/12
●	Power sensor	R&S	HTWE0389	NRP18A	101386	2026/3/13	2027/3/12
●	Power Amplifier	BONN	HTWE0336	BLWA 0160-2M	1811887	2025/11/26	2026/11/25
●	Dual Directional Coupler	Mini-Circuits	HTWE0335	ZHDC-10-62-S+	F975001814	2025/11/26	2026/11/25
●	Attenuator	Mini-Circuits	HTWE0333	VAT-3W2+	1819	2025/11/26	2026/11/25
●	Attenuator	Mini-Circuits	HTWE0334	VAT-10W2+	1741	2025/11/26	2026/11/25

Note:

1. The Probe, Dipole and DAE calibration reference to the Appendix E and F.

2. *Referring to KDB865664 D01, the dipole calibration interval can be extended to 3 years with justfcatio. The dipole are also not physically damaged or repaired during the interval.*

5. Measurement Uncertainty

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

Therefore, the measurement uncertainty is not required.

6. SAR Measurements System Configuration

6.1. SAR Measurement Set-up

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

A standard high precision 6-axis robot (Stäubli RX family) with controller and software. An arm extension for accommodating the data acquisition electronics (DAE).

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.

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.

A unit to operate the optical surface detector which is connected to the EOC.

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.

The DASY5 measurement server, which performs all real-time data evaluation for field measurements and surface detection, controls robot movements and handles safety operation. A computer operating Windows 2003.

DASY5 software and SEMCAD data evaluation software.

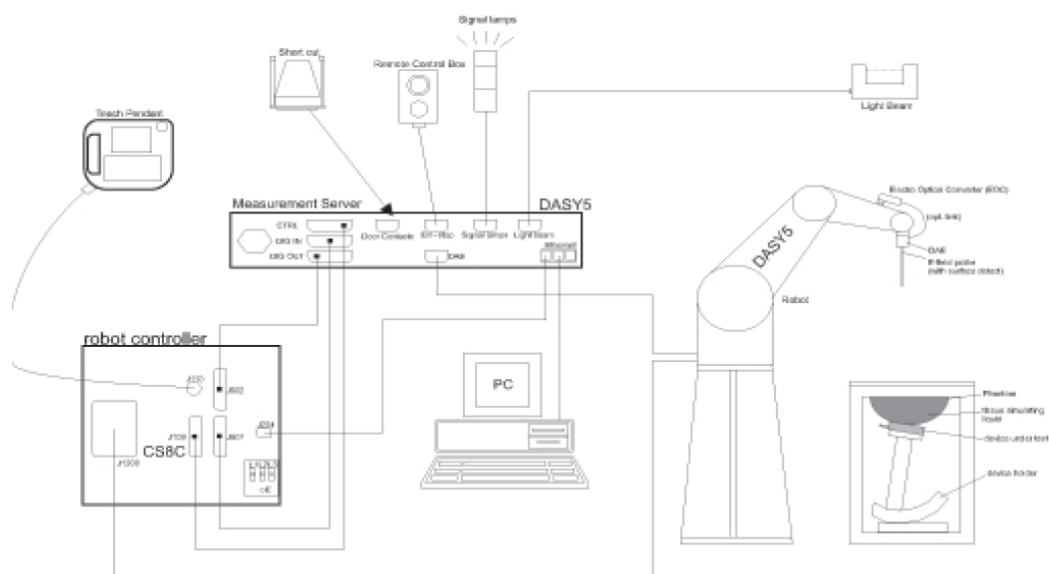
Remote control with teach panel and additional circuitry for robot safety such as warning lamps, etc.

The generic twin phantom enabling the testing of left-hand and right-hand usage.

The device holder for handheld Mobile Phones.

Tissue simulating liquid mixed according to the given recipes.

System validation dipoles allowing to validate the proper functioning of the system.



6.2. DASY5 E-field Probe System

The SAR measurements were conducted with the dosimetric probe EX3DV4 (manufactured by SPEAG), designed in the classical triangular configuration and optimized for dosimetric evaluation.

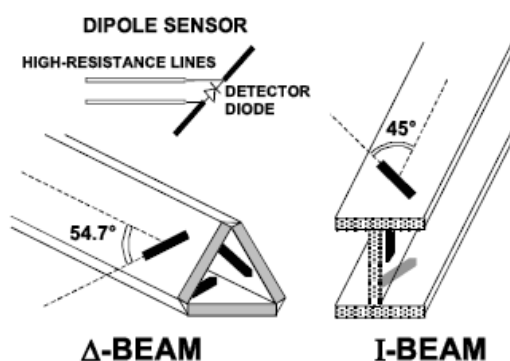
● Probe Specification

Construction	Symmetrical design with triangular core Built-in shielding against static charges PEEK enclosure material (resistant to organic solvents, e.g., DGBE)
Calibration	ISO/IEC 17025 calibration service available.
Frequency	4 MHz to 10 GHz; Linearity: ± 0.2 dB (30 MHz to 10 GHz)
Directivity	± 0.1 dB in TSL (rotation around probe axis) ± 0.3 dB in TSL (rotation normal to probe axis)
Dynamic Range	10 μ W/g - > 100 mW/g Linearity: ± 0.2 dB (noise: typically <1 μ W/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
Application	High precision dosimetric measurements in any exposure scenario (e.g., very strong gradient fields); the only probe that enables compliance testing for frequencies up to 6 GHz with precision of better than 30%.
Compatibility	DASY3, DASY4, DASY52 SAR and higher, EASY4/MRI

◆ Isotropic E-Field Probe

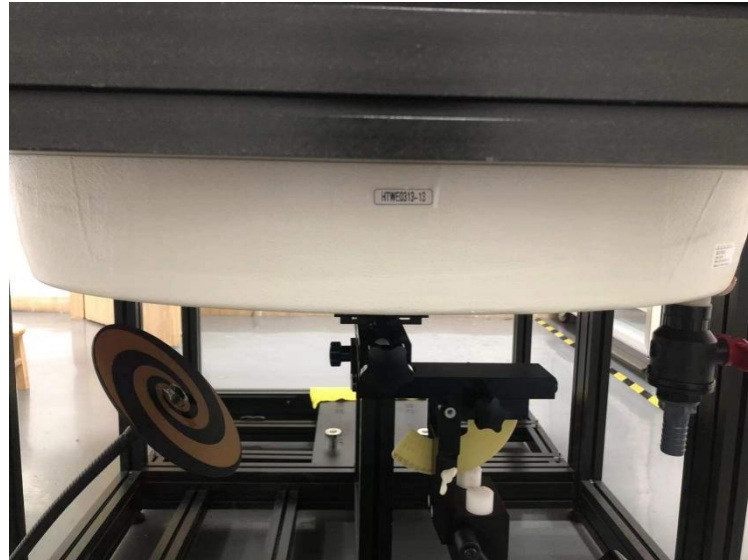
The isotropic E-Field probe has been fully calibrated and assessed for isotropicity, and boundary effect within a controlled environment. Depending on the frequency for which the probe is calibrated the method utilized for calibration will change.

The E-Field probe utilizes a triangular sensor arrangement as detailed in the diagram below:



6.3. Phantoms

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 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.



ELI4 Phantom

6.4. Device Holder

The device was placed in the device holder (illustrated below) that is supplied by SPEAG as an integral part of the DASY system.

The DASY device holder is designed to cope with the different positions given in the standard. It has two scales for device rotation (with respect to the body axis) and device inclination (with respect to the line between the ear reference points). The rotation centers for both scales is the ear reference point (ERP). Thus the device needs no repositioning when changing the angles.



Device holder supplied by SPEAG

7. SAR Test Procedure

7.1. Scanning Procedure

Step 1: Power Reference Measurement

The Power Reference Measurement and Power Drift Measurements are for monitoring the power drift of the device under test in the batch process. Measure the local SAR at a test point within 8 mm of the phantom inner surface that is closest to the DUT. This distance cannot be smaller than the distance of sensor calibration points to probe tip as defined in the probe properties.

Step 2: Area Scan

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

Area Scan Resolutions per FCC KDB Publication 865664 D01v04

	≤ 3 GHz	> 3 GHz
Maximum distance from closest measurement point (geometric center of probe sensors) to phantom surface	$5 \text{ mm} \pm 1 \text{ mm}$	$\frac{1}{2} \cdot \delta \cdot \ln(2) \text{ mm} \pm 0.5 \text{ mm}$
Maximum probe angle from probe axis to phantom surface normal at the measurement location	$30^\circ \pm 1^\circ$	$20^\circ \pm 1^\circ$
Maximum area scan spatial resolution: $\Delta x_{\text{Area}}, \Delta y_{\text{Area}}$	$\leq 2 \text{ GHz}: \leq 15 \text{ mm}$ $2 - 3 \text{ GHz}: \leq 12 \text{ mm}$	$3 - 4 \text{ GHz}: \leq 12 \text{ mm}$ $4 - 6 \text{ GHz}: \leq 10 \text{ mm}$
	When the x or y dimension of the test device, in the measurement plane orientation, is smaller than the above, the measurement resolution must be $\leq$ the corresponding x or y dimension of the test device with at least one measurement point on the test device.	

Step 3: Zoom Scan

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

Zoom Scan Resolutions per FCC KDB Publication 865664 D01v04

Maximum zoom scan spatial resolution: $\Delta x_{\text{Zoom}}, \Delta y_{\text{Zoom}}$			$\leq 2 \text{ GHz}: \leq 8 \text{ mm}$ $2 - 3 \text{ GHz}: \leq 5 \text{ mm}^*$	$3 - 4 \text{ GHz}: \leq 5 \text{ mm}^*$ $4 - 6 \text{ GHz}: \leq 4 \text{ mm}^*$
Maximum zoom scan spatial resolution, normal to phantom surface	uniform grid: $\Delta z_{\text{Zoom}}(n)$		$\leq 5 \text{ mm}$	$3 - 4 \text{ GHz}: \leq 4 \text{ mm}$ $4 - 5 \text{ GHz}: \leq 3 \text{ mm}$ $5 - 6 \text{ GHz}: \leq 2 \text{ mm}$
	graded grid	$\Delta z_{\text{Zoom}}(1)$: between 1 st two points closest to phantom surface	$\leq 4 \text{ mm}$	$3 - 4 \text{ GHz}: \leq 3 \text{ mm}$ $4 - 5 \text{ GHz}: \leq 2.5 \text{ mm}$ $5 - 6 \text{ GHz}: \leq 2 \text{ mm}$
		$\Delta z_{\text{Zoom}}(n>1)$: between subsequent points	$\leq 1.5 \cdot \Delta z_{\text{Zoom}}(n-1) \text{ mm}$	
Minimum zoom scan volume	x, y, z		$\geq 30 \text{ mm}$	$3 - 4 \text{ GHz}: \geq 28 \text{ mm}$ $4 - 5 \text{ GHz}: \geq 25 \text{ mm}$ $5 - 6 \text{ GHz}: \geq 22 \text{ mm}$
Note: δ is the penetration depth of a plane-wave at normal incidence to the tissue medium; see IEEE Std 1528-2013 for details.				
* When zoom scan is required and the <i>reported</i> SAR from the <i>area scan based 1-g SAR estimation</i> procedures of KDB Publication 447498 is $\leq 1.4 \text{ W/kg}$, $\leq 8 \text{ mm}$, $\leq 7 \text{ mm}$ and $\leq 5 \text{ mm}$ zoom scan resolution may be applied, respectively, for 2 GHz to 3 GHz, 3 GHz to 4 GHz and 4 GHz to 6 GHz.				

Step 4: Power drift measurement

The Power Drift Measurement measures the field at the same location as the most recent power reference measurement within the same procedure, and with the same settings. The Power Drift Measurement gives the field difference in dB from the reading conducted within the last Power Reference Measurement. This allows a user to monitor the power drift of the device under test within a batch process. The measurement procedure is the same as Step 1. The SAR drift shall be kept within $\pm 5 \%$.

7.2. Data Storage and Evaluation

Data Storage

The DASY5 software stores the acquired data from the data acquisition electronics as raw data (in microvolt readings from the probe sensors),s together with all necessary software parameters for the data evaluation (probe calibration data, liquid parameters and device frequency and modulation data) in measurement files with the extension “.DA4”. The software evaluates the desired unit and format for output each time the data is visualized or exported. This allows verification of the complete software setup even after the measurement and allows correction of incorrect parameter settings. For example, if a measurement has been performed with a wrong crest factor parameter in the device setup, the parameter can be corrected afterwards and the data can be re-evaluated.

The measured data can be visualized or exported in different units or formats, depending on the selected probe type ([V/m], [A/m], [°C], [W/kg], [mW/cm²], [dBrel], etc.). Some of these units are not available in certain situations or show meaningless results, e.g., a SAR output in a lossless media will always be zero. Raw data can also be exported to perform the evaluation with other software packages.

Data Evaluation

The SEMCAD software automatically executes the following procedures to calculate the field units from the microvolt readings at the probe connector. The parameters used in the evaluation are stored in the configuration modules of the software:

Probe parameters:	Sensitivity:	Normi, ai0, ai1, ai2
	Conversion factor:	ConvFi
	Diode compression point:	Dcpi
Device parameters:	Frequency:	f
	Crest factor:	cf
Media parameters:	Conductivity:	σ
	Density:	ρ

These parameters must be set correctly in the software. They can be found in the component documents or they can be imported into the software from the configuration files issued for the DASY5 components. In the direct measuring mode of the multimeter option, the parameters of the actual system setup are used. In the scan visualization and export modes, the parameters stored in the corresponding document files are used.

The first step of the evaluation is a linearization of the filtered input signal to account for the compression characteristics of the detector diode. The compensation depends on the input signal, the diode type and the DC-transmission factor from the diode to the evaluation electronics. If the exciting field is pulsed, the crest factor of the signal must be known to correctly compensate for peak power. The formula for each channel can be given as:

$$V_i = U_i + U_i^2 \cdot \frac{cf}{dcp_i}$$

Vi:	compensated signal of channel (i = x, y, z)
Ui:	input signal of channel (i = x, y, z)
cf:	crest factor of exciting field (DASY parameter)
dcp _i :	diode compression point (DASY parameter)

From the compensated input signals the primary field data for each channel can be evaluated:

$$E - \text{fieldprobes : } E_i = \sqrt{\frac{V_i}{Norm_i \cdot ConvF}}$$

$$H - \text{fieldprobes : } H_i = \sqrt{V_i} \cdot \frac{a_{i0} + a_{i1}f + a_{i2}f^2}{f}$$

Vi:	compensated signal of channel (i = x, y, z)
Normi:	sensor sensitivity of channel (i = x, y, z), [mV/(V/m)²] for E-field Probes
ConvF:	sensitivity enhancement in solution
aij:	sensor sensitivity factors for H-field probes
f:	carrier frequency [GHz]
Ei:	electric field strength of channel i in V/m
Hi:	magnetic field strength of channel i in A/m

The RSS value of the field components gives the total field strength (Hermitian magnitude):

$$E_{tot} = \sqrt{E_x^2 + E_y^2 + E_z^2}$$

The primary field data are used to calculate the derived field units.

$$SAR = E_{tot}^2 \cdot \frac{\sigma}{\rho \cdot 1'000}$$

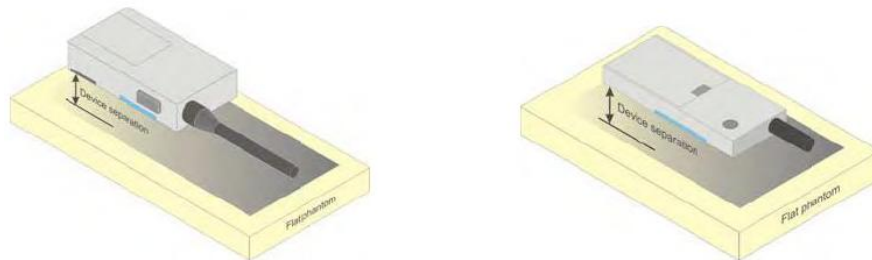
SAR: local specific absorption rate in W/kg
 Etot: total field strength in V/m
 σ : conductivity in [mho/m] or [Siemens/m]
 ρ : equivalent tissue density in g/cm³

Note that the density is normally set to 1 (or 1.06), to account for actual brain density rather than the density of the simulation liquid.

8. Position of the wireless device in relation to the phantom

8.1. Front-of-face

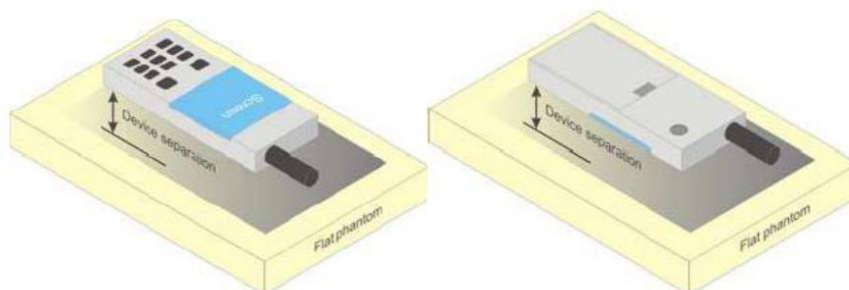
A typical example of a front-of-face device is a two-way radio that is held at a distance from the face of the user when transmitting. In these cases the device under test shall be positioned at the distance to the phantom surface that corresponds to the intended use as specified by the manufacturer in the user instructions. If the intended use is not specified, a separation distance of 25 mm between the phantom surface and the device shall be used.



Test positions for Front-of-face devices

8.2. Body Position

Devices that support transmission while used with body-worn accessories must be tested for body-worn accessory SAR compliance, typically according to the smallest test separation distance required for the group of body-worn accessories with similar operating and exposure characteristics. Devices that are designed to operate on the body of users using lanyards and straps or without requiring additional body-worn accessories must be tested for SAR compliance using a conservative minimum test separation distance $\leq 5\text{mm}$ to support compliance.



Picture 4 Test positions for body-worn devices

9. Dielectric Property Measurements & System Check

9.1. Tissue Dielectric Parameters

The temperature of the tissue-equivalent medium used during measurement must also be within 18°C to 25°C and within $\pm 2^\circ\text{C}$ of the temperature when the tissue parameters are characterized.

The dielectric parameters must be measured before the tissue-equivalent medium is used in a series of SAR measurements. The parameters should be re-measured after each 3-4 days of use; or earlier if the dielectric parameters can become out of tolerance; for example, when the parameters are marginal at the beginning of the measurement series.

The dielectric constant (ϵ_r) and conductivity (σ) of typical tissue-equivalent media recipes are expected to be within $\pm 5\%$ of the required target values; but for SAR measurement systems that have implemented the SAR error compensation algorithms documented in IEEE Std 1528-2013, to automatically compensate the measured SAR results for deviations between the measured and required tissue dielectric parameters, the tolerance for ϵ_r and σ may be relaxed to $\pm 10\%$. This is limited to frequencies ≤ 3 GHz.

Tissue Dielectric Parameters

FCC KDB 865664 D01 SAR Measurement 100 MHz to 6 GHz

Tissue dielectric parameters for Head		
Target Frequency (MHz)	Head	
	ϵ_r	$\sigma(\text{S/m})$
750	41.9	0.89
835	41.5	0.90
1750	40.1	1.37
1800-2000	40.0	1.40
2450	39.2	1.80
2600	39.0	1.96
5200	36.0	4.66
5300	35.9	4.76
5500	35.6	4.96
5600	35.5	5.07
5800	35.3	5.27

IEEE Std 1528-2013

Refer to Table 3 within the IEEE Std 1528-2013

Measurement Results:

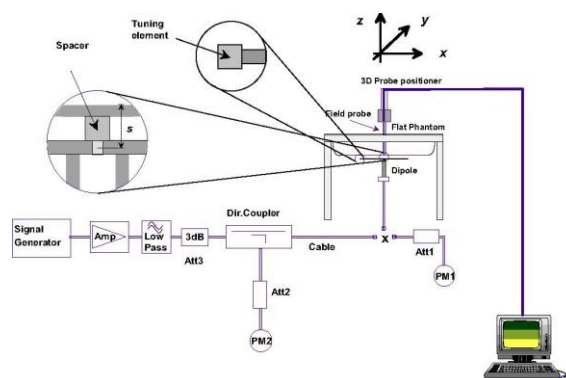
Dielectric performance of Head tissue simulating liquid									
Frequency (MHz)	ϵ_r		σ (S/m)		Delta (ϵ_r)	Delta (σ)	Limit	Temp (°C)	Date
	Target	Measured	Target	Measured					
750	41.90	41.87	0.890	0.852	-0.07%	-4.27%	±5%	22.6	2026/4/21
750	41.90	42.65	0.890	0.896	1.79%	0.67%	±5%	22.0	2026/4/22
835	41.50	40.67	0.900	0.894	-2.00%	-0.67%	±5%	22.0	2026/4/23
1750	40.10	39.13	1.370	1.394	-2.42%	1.75%	±5%	21.9	2026/4/24
1900	40.00	38.97	1.400	1.386	-2.58%	-1.00%	±5%	21.9	2026/4/27
2450	39.20	38.69	1.800	1.787	-1.29%	-0.72%	±5%	22.3	2026/4/28
2600	39.00	37.47	1.960	1.888	-3.92%	-3.67%	±5%	22.2	2026/4/29
5250	35.93	36.31	4.706	4.848	1.06%	3.02%	±5%	22.5	2026/4/30
5600	35.53	36.10	5.065	5.035	1.60%	-0.59%	±5%	22.1	2026/4/23
5750	35.36	34.86	5.219	5.313	-1.41%	1.80%	±5%	21.2	2026/4/27

9.2. System Check

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

System Performance Check Measurement Conditions:

- The measurements were performed in the flat section of the TWIN SAM or ELI phantom, shell thickness: 2.0 ± 0.2 mm (bottom plate) filled with Body or Head simulating liquid of the following parameters.
- The depth of tissue-equivalent liquid in a phantom must be ≥ 15.0 cm for SAR measurements ≤ 3 GHz and ≥ 10.0 cm for measurements > 3 GHz.
- The DASY system with an E-Field Probe was used for the measurements.
- The dipole was mounted on the small tripod so that the dipole feed point was positioned below the center marking of the flat phantom section and the dipole was oriented parallel to the body axis (the long side of the phantom). The standard measuring distance was 10 mm (above 1 GHz) and 15 mm (below 1 GHz) from dipole center to the simulating liquid surface.
- The coarse grid with a grid spacing of 15 mm was aligned with the dipole.
For 5 GHz band - The coarse grid with a grid spacing of 10 mm was aligned with the dipole.
- Special 7x7x7 (below 3 GHz) and/or 8x8x8 (above 3 GHz) fine cube was chosen for the cube.
- The results are normalized to 1 W input power.



System Performance Check Setup



Photo of Dipole Setup

Measurement Results:

Head											
Frequency (MHz)	1g SAR			10g SAR			Delta (1g)	Delta (10g)	Limit	Temp (°C)	Date
	Target 1W	Normalize to 1W	Measured 250mW	Target 1W	Normalize to 1W	Measured 250mW					
750	8.32	7.72	1.93	5.48	5.12	1.28	-7.21%	-6.57%	±10%	23.4	2026/4/21
750	8.32	8.36	2.09	5.48	5.60	1.40	0.48%	2.19%	±10%	23.0	2026/4/22
835	9.53	9.16	2.29	6.13	6.04	1.51	-3.88%	-1.47%	±10%	22.5	2026/4/23
1750	36.50	34.36	8.59	19.40	17.96	4.49	-5.86%	-7.42%	±10%	22.7	2026/4/24
1900	40.80	39.16	9.79	21.10	20.40	5.10	-4.02%	-3.32%	±10%	22.8	2026/4/27
2450	53.40	50.80	12.70	24.70	24.00	6.00	-4.87%	-2.83%	±10%	23.5	2026/4/28
2600	56.40	53.60	13.40	25.30	23.88	5.97	-4.96%	-5.61%	±10%	23.4	2026/4/29
Frequency (MHz)	1g SAR			10g SAR			Delta (1g)	Delta (10g)	Limit	Temp (°C)	Date
	Target 1W	Normalize to 1W	Measured 100mW	Target 1W	Normalize to 1W	Measured 100mW					
5250	77.50	80.90	8.09	21.80	23.70	2.37	4.39%	8.72%	±10%	23.2	2026/4/30
5600	83.00	87.40	8.74	23.30	25.30	2.53	5.30%	8.58%	±10%	23.0	2026/4/23
5750	77.30	77.10	7.71	21.50	22.10	2.21	-0.26%	2.79%	±10%	22.9	2026/4/27

Note:

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

Plots of System Performance Check

Test Laboratory: Huatongwei International Inspection Co., Ltd., SAR Lab

Date: 2026/4/21

SystemPerformanceCheck-Head 750MHz

Communication System: UID 0, A-CW (0); Frequency: 750 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 750 \text{ MHz}$; $\sigma = 0.852 \text{ S/m}$; $\epsilon_r = 41.874$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

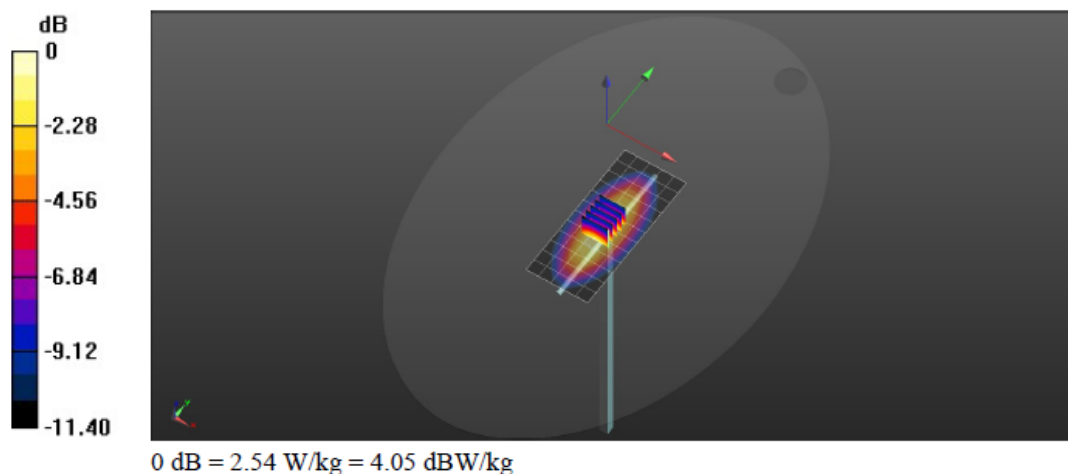
Ambient Temperature: 23.4°C ; Liquid Temperature: 22.6°C ;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(10.55, 10.55, 10.55) @ 750 MHz; Calibrated: 2025/7/10
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1315; Calibrated: 2026/1/7
- Phantom: ELI V8.0 ; Type: QD OVA 004 AA ; Serial: 2078
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Head/d=15mm, Pin=250mW/Area Scan (6x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 2.23 W/kg

Head/d=15mm, Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$,
 $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 56.56 V/m ; Power Drift = -0.17 dB Peak SAR (extrapolated) = 2.99 W/kg SAR(1 g) = 1.93 W/kg ; SAR(10 g) = 1.28 W/kg Smallest distance from peaks to all points 3 dB below = 17.6 mm Ratio of SAR at M2 to SAR at M1 = 61.3% Maximum value of SAR (measured) = 2.54 W/kg 

Test Laboratory: Huatongwei International Inspection Co., Ltd., SAR Lab

Date: 2026/4/22

SystemPerformanceCheck-Head 750MHz

Communication System: UID 0, A-CW (0); Frequency: 750 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 750 \text{ MHz}$; $\sigma = 0.896 \text{ S/m}$; $\epsilon_r = 42.645$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

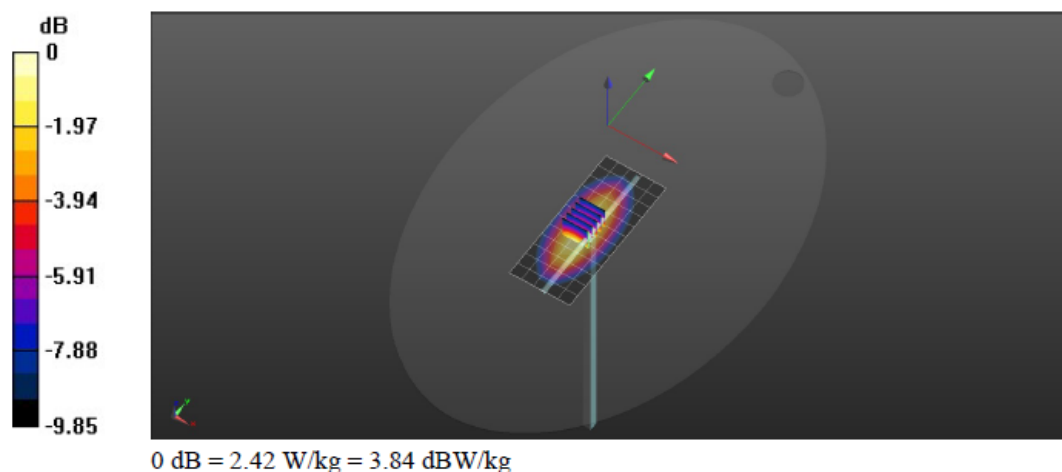
Ambient Temperature: 23.0°C ; Liquid Temperature: 22.0°C ;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(10.55, 10.55, 10.55) @ 750 MHz; Calibrated: 2025/7/10
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1315; Calibrated: 2026/1/7
- Phantom: ELI V8.0 ; Type: QD OVA 004 AA ; Serial: 2078
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Head/d=15mm, Pin=250mW/Area Scan (6x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 2.32 W/kg

Head/d=15mm, Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$,
 $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 51.65 V/m ; Power Drift = -0.01 dB Peak SAR (extrapolated) = 3.09 W/kg SAR(1 g) = 2.09 W/kg ; SAR(10 g) = 1.4 W/kg Smallest distance from peaks to all points 3 dB below: Larger than measurement grid ($> 16 \text{ mm}$)Ratio of SAR at M2 to SAR at M1 = 68.1% Maximum value of SAR (measured) = 2.42 W/kg 

Test Laboratory: Huatongwei International Inspection Co., Ltd., SAR Lab

Date: 2026/4/23

SystemPerformanceCheck-Head 835MHz

Communication System: UID 0, CW (0); Frequency: 835 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 835$ MHz; $\sigma = 0.894$ S/m; $\epsilon_r = 40.674$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.5°C; Liquid Temperature: 22.0°C;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(10.2, 10.2, 10.2) @ 835 MHz; Calibrated: 2025/7/10
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1315; Calibrated: 2026/1/7
- Phantom: ELI V8.0 ; Type: QD OVA 004 AA ; Serial: 2078
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Head/d=15mm, Pin=250mW/Area Scan (5x11x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 2.87 W/kg

Head/d=15mm, Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 57.59 V/m; Power Drift = -0.10 dB

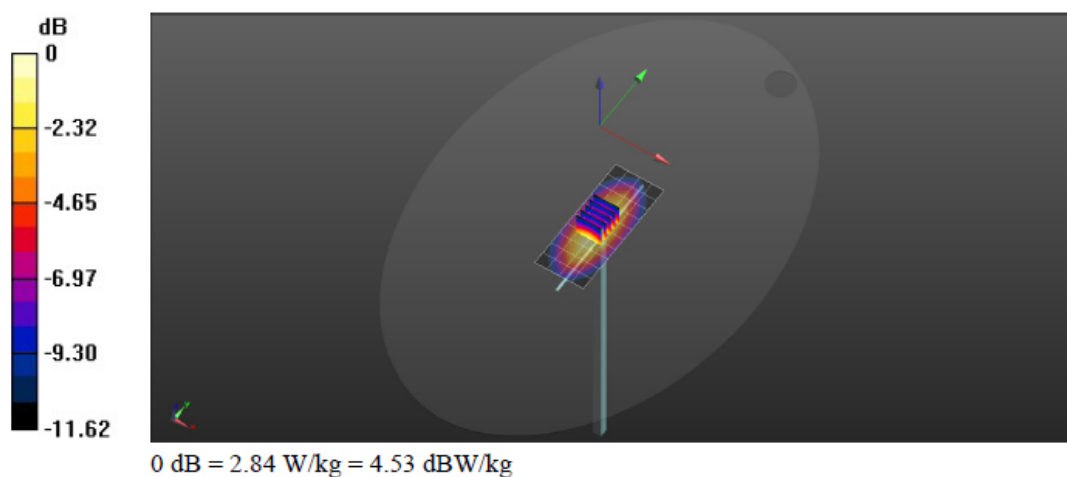
Peak SAR (extrapolated) = 3.29 W/kg

SAR(1 g) = 2.29 W/kg; SAR(10 g) = 1.51 W/kg

Smallest distance from peaks to all points 3 dB below = 17.2 mm

Ratio of SAR at M2 to SAR at M1 = 62.7%

Maximum value of SAR (measured) = 2.84 W/kg



Test Laboratory: Huatongwei International Inspection Co., Ltd., SAR Lab

Date: 2026/4/24

SystemPerformanceCheck-Head 1750MHz

Communication System: UID 0, CW (0); Frequency: 1750 MHz; Duty Cycle: 1:1

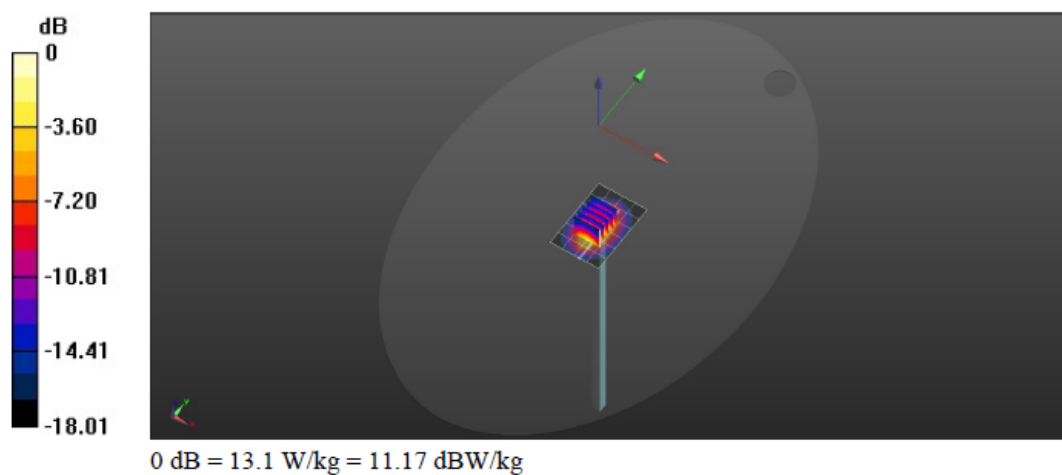
Medium parameters used: $f = 1750 \text{ MHz}$; $\sigma = 1.394 \text{ S/m}$; $\epsilon_r = 39.132$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient Temperature: 22.7°C ; Liquid Temperature: 21.9°C ;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(8.71, 8.71, 8.71) @ 1750 MHz; Calibrated: 2025/7/10
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1315; Calibrated: 2026/1/7
- Phantom: ELI V8.0 ; Type: QD OVA 004 AA ; Serial: 2078
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Head/d=10mm, Pin=250mW/Area Scan (5x7x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (measured) = 13.1 W/kg **Head/d=10mm, Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 99.39 V/m ; Power Drift = -0.03 dB Peak SAR (extrapolated) = 15.8 W/kg SAR(1 g) = 8.59 W/kg ; SAR(10 g) = 4.49 W/kg Smallest distance from peaks to all points 3 dB below = 11.2 mm Ratio of SAR at M2 to SAR at M1 = 54.9% Maximum value of SAR (measured) = 13.1 W/kg 

Test Laboratory: Huatongwei International Inspection Co., Ltd., SAR Lab

Date: 2026/4/27

SystemPerformanceCheck-Head 1900MHz

Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.386$ S/m; $\epsilon_r = 38.968$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.8°C; Liquid Temperature: 21.9°C;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(8.36, 8.36, 8.36) @ 1900 MHz; Calibrated: 2025/7/10
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1315; Calibrated: 2026/1/7
- Phantom: ELI V8.0 ; Type: QD OVA 004 AA ; Serial: 2078
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Head/d=10mm, Pin=250mW/Area Scan (5x7x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 14.0 W/kg

Head/d=10mm, Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 103.2 V/m; Power Drift = -0.07 dB

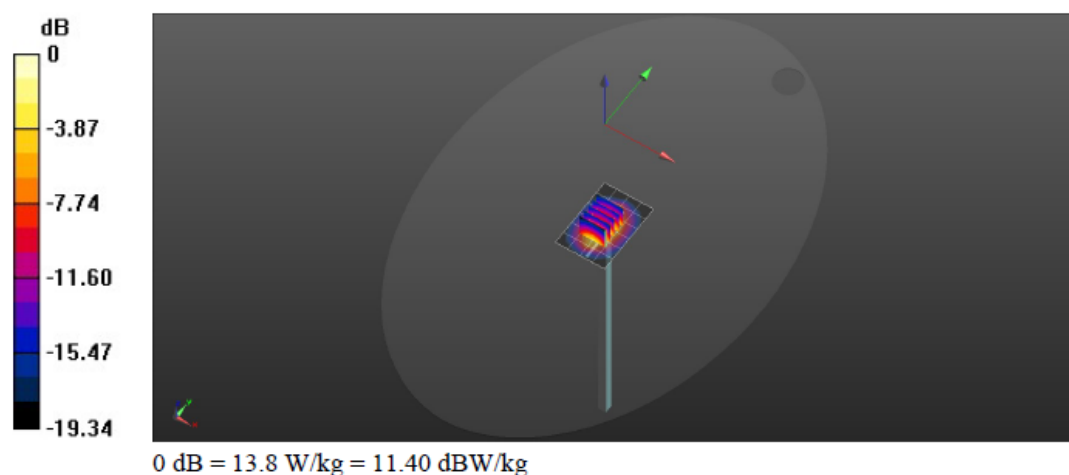
Peak SAR (extrapolated) = 16.8 W/kg

SAR(1 g) = 9.79 W/kg; SAR(10 g) = 5.1 W/kg

Smallest distance from peaks to all points 3 dB below = 9.6 mm

Ratio of SAR at M2 to SAR at M1 = 53.4%

Maximum value of SAR (measured) = 13.8 W/kg



Test Laboratory: Huatongwei International Inspection Co., Ltd., SAR Lab

Date: 2026/4/28

SystemPerformanceCheck-Head 2450MHz

Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.787$ S/m; $\epsilon_r = 38.694$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 23.5°C; Liquid Temperature: 22.3°C;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(7.85, 7.85, 7.85) @ 2450 MHz; Calibrated: 2025/7/10
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1315; Calibrated: 2026/1/7
- Phantom: ELI V8.0 ; Type: QD OVA 004 AA ; Serial: 2078
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Head/d=10mm, Pin=250mW/Area Scan (5x7x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 15.9 W/kg

Head/d=10mm, Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 94.59 V/m; Power Drift = -0.17 dB

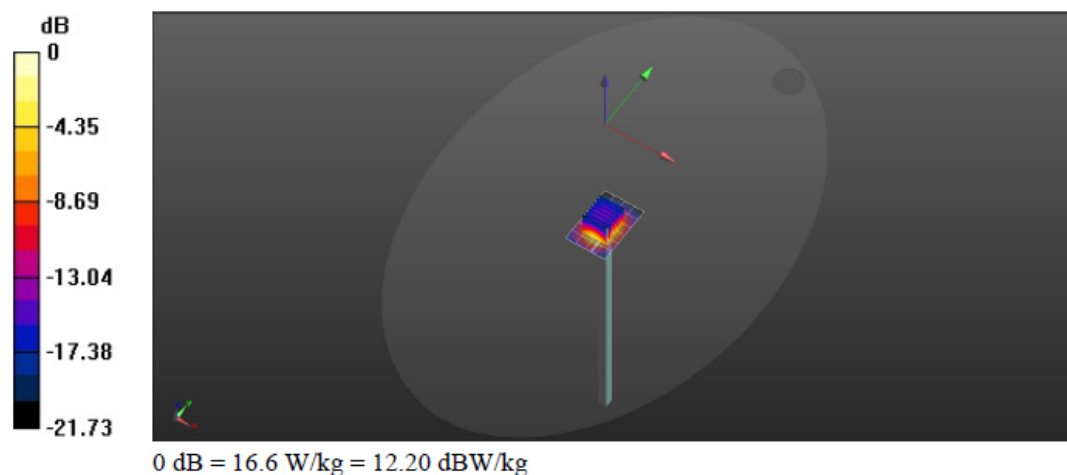
Peak SAR (extrapolated) = 25.0 W/kg

SAR(1 g) = 12.7 W/kg; SAR(10 g) = 6 W/kg

Smallest distance from peaks to all points 3 dB below = 10.4 mm

Ratio of SAR at M2 to SAR at M1 = 51.6%

Maximum value of SAR (measured) = 16.6 W/kg



Test Laboratory: Huatongwei International Inspection Co., Ltd., SAR Lab

Date: 2026/4/29

SystemPerformanceCheck-Head 2600MHz

Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2600$ MHz; $\sigma = 1.888$ S/m; $\epsilon_r = 37.473$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 23.4°C; Liquid Temperature: 22.2°C;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(7.66, 7.66, 7.66) @ 2600 MHz; Calibrated: 2025/7/10
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1315; Calibrated: 2026/1/7
- Phantom: ELI V8.0 ; Type: QD OVA 004 AA ; Serial: 2078
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Head/d=10mm, Pin=250mW/Area Scan (5x6x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 21.0 W/kg

Head/d=10mm, Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 106.9 V/m; Power Drift = -0.11 dB

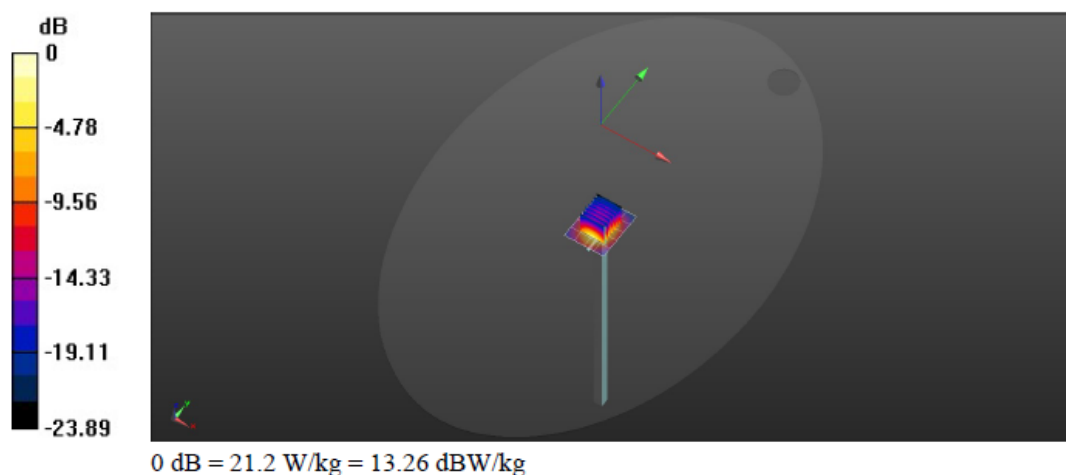
Peak SAR (extrapolated) = 26.5 W/kg

SAR(1 g) = 13.4 W/kg; SAR(10 g) = 5.97 W/kg

Smallest distance from peaks to all points 3 dB below = 9 mm

Ratio of SAR at M2 to SAR at M1 = 48.4%

Maximum value of SAR (measured) = 21.2 W/kg



Test Laboratory: Huatongwei International Inspection Co., Ltd., SAR Lab

Date: 2026/4/30

SystemPerformanceCheck-Head 5250MHz

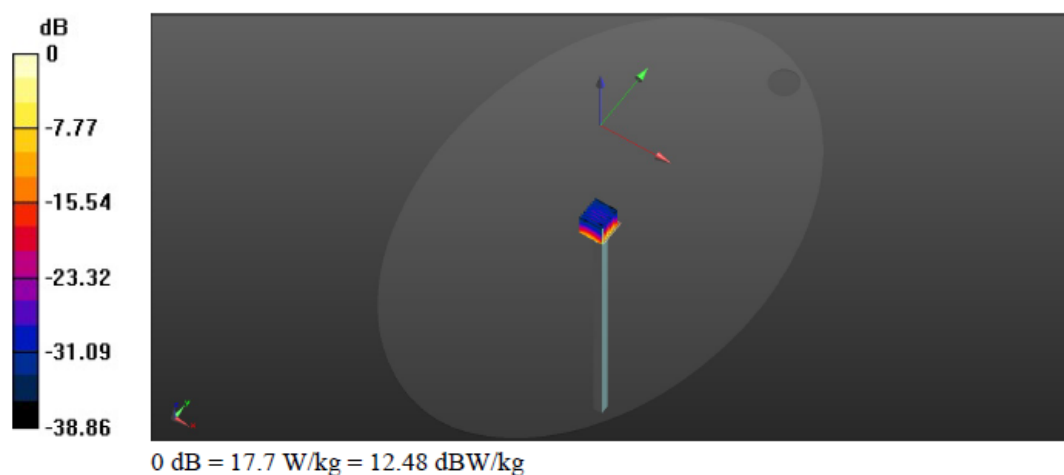
Communication System: UID 0, A-CW (0); Frequency: 5250 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5250$ MHz; $\sigma = 4.848$ S/m; $\epsilon_r = 36.309$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Ambient Temperature: 23.2°C; Liquid Temperature: 22.5°C;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(5.5, 5.5, 5.5) @ 5250 MHz; Calibrated: 2025/7/10
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1315; Calibrated: 2026/1/7
- Phantom: ELI V8.0 ; Type: QD OVA 004 AA ; Serial: 2078
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Head/d=10mm, Pin=100mW/Area Scan (4x4x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 14.4 W/kg

Head/d=10mm, Pin=100mW/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 64.02 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 28.6 W/kg
SAR(1 g) = 8.09 W/kg; SAR(10 g) = 2.37 W/kg
Smallest distance from peaks to all points 3 dB below = 7.2 mm
Ratio of SAR at M2 to SAR at M1 = 69.9%
Maximum value of SAR (measured) = 17.7 W/kg



Test Laboratory: Huatongwei International Inspection Co., Ltd., SAR Lab

Date: 2026/4/23

SystemPerformanceCheck-Head 5600MHz

Communication System: UID 0, A-CW (0); Frequency: 5600 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5600$ MHz; $\sigma = 5.035$ S/m; $\epsilon_r = 36.096$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 23.0°C; Liquid Temperature: 22.1°C;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(4.9, 4.9, 4.9) @ 5600 MHz; Calibrated: 2025/7/10
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1315; Calibrated: 2026/1/7
- Phantom: ELI V8.0 ; Type: QD OVA 004 AA ; Serial: 2078
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Head/d=10mm, Pin=100mW/Area Scan (5x5x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 18.4 W/kg

Head/d=10mm, Pin=100mW/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 66.41 V/m; Power Drift = -0.15 dB

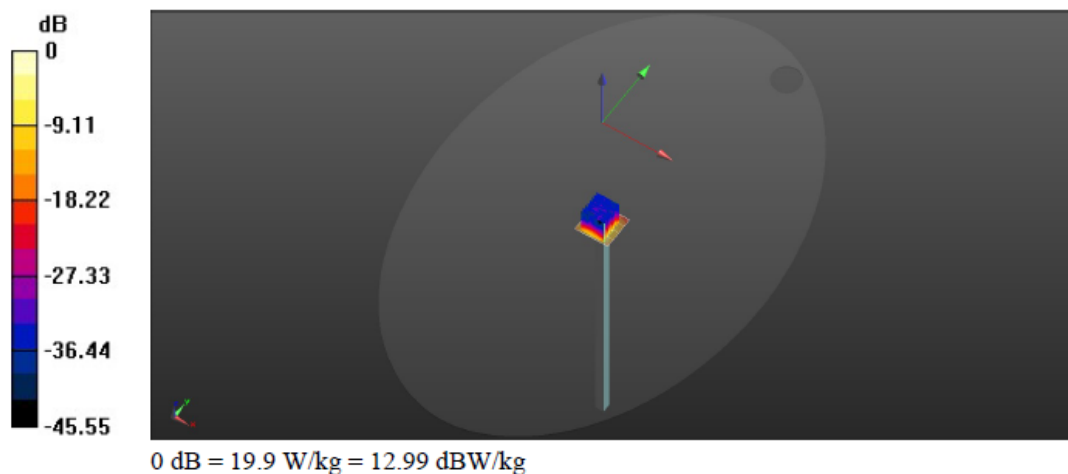
Peak SAR (extrapolated) = 32.7 W/kg

SAR(1 g) = 8.74 W/kg; SAR(10 g) = 2.53 W/kg

Smallest distance from peaks to all points 3 dB below = 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 67.9%

Maximum value of SAR (measured) = 19.9 W/kg



Test Laboratory: Huatongwei International Inspection Co., Ltd., SAR Lab

Date: 2026/4/27

SystemPerformanceCheck-Head 5750MHz

Communication System: UID 0, A-CW (0); Frequency: 5750 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5750$ MHz; $\sigma = 5.313$ S/m; $\epsilon_r = 34.864$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.9°C; Liquid Temperature: 21.2°C;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(5.02, 5.02, 5.02) @ 5750 MHz; Calibrated: 2025/7/10
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1315; Calibrated: 2026/1/7
- Phantom: ELI V8.0 ; Type: QD OVA 004 AA ; Serial: 2078
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Head/d=10mm, Pin=100mW/Area Scan (5x5x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 16.4 W/kg

Head/d=10mm, Pin=100mW/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 61.00 V/m; Power Drift = -0.05 dB

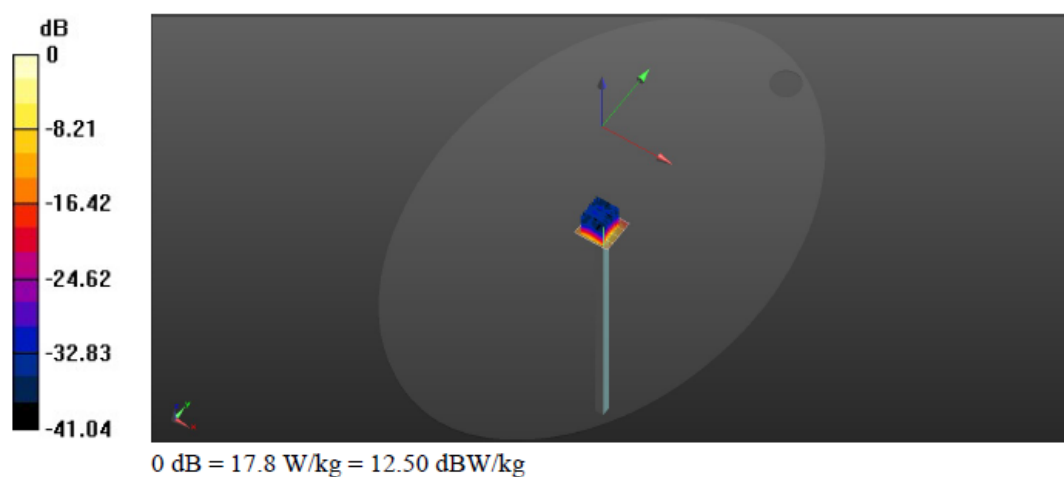
Peak SAR (extrapolated) = 29.6 W/kg

SAR(1 g) = 7.71 W/kg; SAR(10 g) = 2.21 W/kg

Smallest distance from peaks to all points 3 dB below = 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 65.9%

Maximum value of SAR (measured) = 17.8 W/kg



10. SAR Exposure Limits

SAR assessments have been made in line with the requirements of FCC 47 CFR § 2.1093.

Type Exposure	Limit (W/kg)	
	General Population/ Uncontrolled Exposure Environment	Occupational/ Controlled Exposure Environment
Spatial Average SAR (whole body)	0.08	0.4
Spatial Peak SAR (1g cube tissue for head and trunk)	1.6	8.0
Spatial Peak SAR (10g for limb)	4.0	20.0

Note:

- 1. Population/Uncontrolled Environments: are defined as locations where there is the exposure of individual who have no knowledge or control of their exposure.*
- 2. Occupational/Controlled Environments: are defined as locations where there is exposure that may be incurred by people who are aware of the potential for exposure (i.e. as a result of employment or occupation).*

11. Conducted Power Measurement Results and Tune-up

Please refer to Appendix Report

Note:

Wi-Fi and Bluetooth use Qualcomm QRCT software for non-signaling mode transmission. The test power level settings are as follows:

Mode	QRCT software Power Class
WIFI 2.4G 802.11b	23.0
WIFI 2.4G 802.11g	23.0
WIFI 2.4G 802.11n(HT20)	23.0
WIFI 2.4G 802.11n(HT40)	23.0
WIFI 5G 802.11a	17.5
WIFI 5G 802.11n(HT20)	17.5
WIFI 5G 802.11n(HT40)	16.0
WIFI 5G 802.11ac(VHT20)	18.0
WIFI 5G 802.11ac(VHT40)	16.0
WIFI 5G 802.11ac(VHT80)	16.0
Bluetooth	9.0
Bluetooth-LE	Default

LTE

General:

1. CMW500 base station simulator was used to setup the connection with EUT; the frequency band, channel, bandwidth, RB allocation configuration, modulation type are set in the base station simulator to configure EUT transmitting at maximum power and at different configurations which are requested to be reported to FCC, for conducted power measurement and SAR testing.
2. Per KDB 941225 D05v02r03, when a properly configured base station simulator is used for the SAR and power measurements, spectrum plots for each RB allocation and offset configuration is not required.
3. Per KDB 941225 D05v02r03, start with the largest channel bandwidth and measure SAR for QPSK with 1 RB allocation, using the RB offset and required test channel combination with the highest maximum output power for RB offsets at the upper edge, middle and lower edge of each required test channel.
4. Per KDB 941225 D05v02r03, 50% RB allocation for QPSK SAR testing follows 1RB QPSK allocation procedure.

LTE (TDD) Considerations

1. According to KDB 941225 D05 SAR for LTE Devices, for Time-Division Duplex (TDD) systems, SAR must be tested using a fixed periodic duty factor according to the highest transmission duty factor implemented for the device and supported by the defined 3GPP LTE TDD configurations.
2. SAR was tested with the highest transmission duty factor (63.33%) using Uplink-downlink configuration 0 and Special subframe configuration 7.
3. LTE TDD Bands support 3GPP TS 36.211 section 4.2 for Type 2 Frame Structure and Table 4.2-2 for uplinkdownlink configurations and Table 4.2-1 for Special subframe configurations.

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

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

Table 4.2-2: Uplink-downlink configurations

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

Calculated Duty Cycle = Extended cyclic prefix in uplink $\times (T_s) \times \# \text{ of } S + \# \text{ of } U$

Example for Calculated Duty Cycle for Uplink-Downlink Configuration 0:

Calculated Duty Cycle = $5120 \times [1/(15000 \times 2048)] \times 2 + 6 \text{ ms} = 63.33\%$

where

$T_s = 1/(15000 \times 2048)$ seconds

This device supports uplink-downlink configurations 0-6. The configuration with highest duty cycle was used-configuration 0 at 63.3% duty cycle.

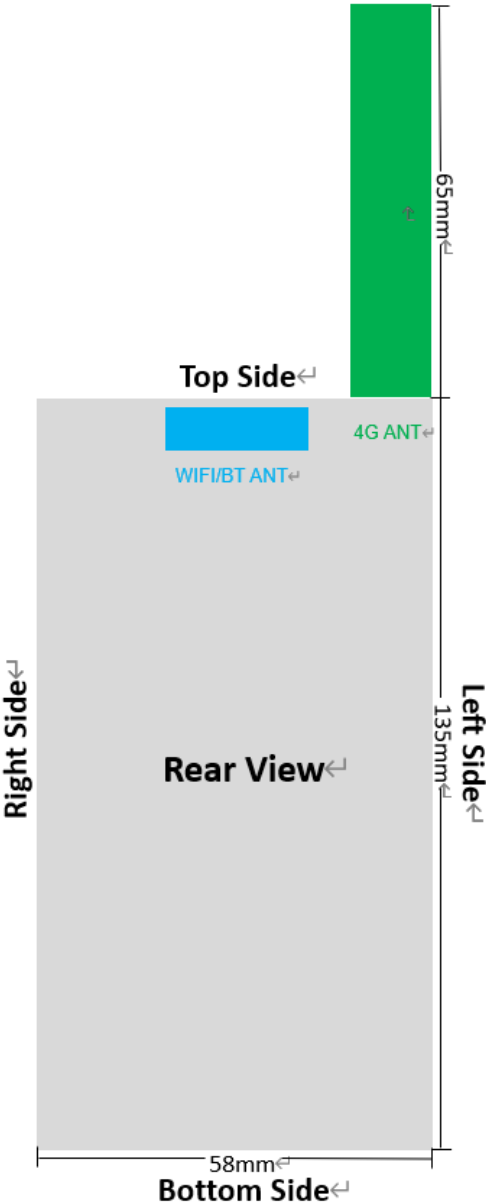
Wi-Fi

For 2.4GHz Wi-Fi SAR testing, highest average RF output power channel for the lowest data rate for 802.11b were for SAR evaluation.

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

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

12. Antenna Location



13. Measured and Reported SAR Results

Measurement Results:

Please refer to Appendix Report

Measurement data plots:

Please refer to Appendix D

Note:

SAR Test Reduction criteria are as follows:

- Reported SAR(W/kg) for WWAN = Measured SAR * Tune-up Scaling Factor
- Reported SAR(W/kg) for Wi-Fi and Bluetooth = Measured SAR * Tune-up scaling factor * Duty Cycle scaling factor
- Duty Cycle scaling factor = 1 / Duty cycle (%)

KDB 447498 D04 Interim General RF Exposure Guidance v01:

Testing of other required channels within the operating mode of a frequency band is not required when the reported 1-g or 10-g SAR for the mid-band or highest output power channel is:

- ≤ 0.8 W/kg or 2.0 W/kg, for 1-g or 10-g respectively, when the transmission band is ≤ 100 MHz
- ≤ 0.6 W/kg or 1.5 W/kg, for 1-g or 10-g respectively, when the transmission band is between 100 MHz and 200 MHz
- ≤ 0.4 W/kg or 1.0 W/kg, for 1-g or 10-g respectively, when the transmission band is ≥ 200 MHz

KDB 941225 D05 SAR for LTE Devices:

SAR test reduction is applied using the following criteria:

- Start with the largest channel bandwidth and measure SAR for QPSK with 1 RB, and 50% RB allocation, using the RB offset and required test channel combination with the highest maximum output power among RB offsets at the upper edge, middle and lower edge of each required test channel.
- When the reported SAR is > 0.8 W/kg, testing for other Channels is performed at the highest output power level for 1RB, and 50% RB configuration for that channel.
- Testing for 100% RB configuration is performed at the highest output power level for 100% RB configuration across the Low, Mid and High Channel when the highest reported SAR for 1 RB and 50% RB are > 0.8 W/kg. Testing for the remaining required channels is not needed because the reported SAR for 100% RB Allocation < 1.45 W/kg.
- Testing for 16-QAM and 64-QAM modulation is not required because the reported SAR for QPSK is < 1.45 W/Kg and its output power is not more than 0.5 dB higher than that of QPSK.
- Testing for the other channel bandwidths is not required because the reported SAR for the highest channel bandwidth is < 1.45 W/Kg and its output power is not more than 0.5 dB higher than that of the highest channel bandwidth.

TDD LTE requirement:

For TDD LTE SAR measurement, the duty cycle 1:1.59 (62.9%) was used perform testing and considering the theoretical duty cycle of 63.3% for extended cyclic prefix in the uplink, and the theoretical duty cycle of 62.9% for normal cyclic prefix in uplink, a scaling factor of extended cyclic prefix $63.3\%/62.9\% = 1.006$ is applied to scale-up the measured SAR result. The Reported TDD LTE SAR = measured SAR (W/kg)* Tune-up Scaling Factor* scaling factor for extended cyclic prefix.

KDB 248227 D01 SAR meas for 802.11:

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. The reported SAR must be scaled to 100% transmission duty factor to determine compliance at the maximum tune-up tolerance limit.

SAR test reduction for 802.11 Wi-Fi transmission mode configurations are considered separately for DSSS

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

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

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

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

14. SAR Measurement Variability

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

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

Band	Test Position	Frequency		Highest Measured SAR (W/kg)	First Repeated		Second Repeated	
		CH	MHz		Measured SAR(W/kg)	Largest to Smallest SAR Ratio	Measured SAR(W/kg)	Largest to Smallest SAR Ratio
WIFI 5G U-NII-2C 802.11ac(VHT40)	Rear	142	5710	0.901	0.891	1.011	NA	NA
WIFI 5G U-NII-3 802.11ac(VHT40)	Rear	151	5755	0.926	0.913	1.014	NA	NA

15. Simultaneous Transmission analysis

No.	Simultaneous Transmission Configurations	Head	Body-worn	Note
1	GSM(voice) + Bluetooth (data)	Yes	Yes	
2	GSM(voice) + WLAN (data)	Yes	Yes	
3	WCDMA(voice) + Bluetooth (data)	Yes	Yes	
4	WCDMA(voice) + WLAN (data)	Yes	Yes	
5	GPRS (data) + Bluetooth (data)	Yes	Yes	
6	GPRS (data) + WLAN (data)	Yes	Yes	
7	WCDMA (data) + Bluetooth (data)	Yes	Yes	
8	WCDMA (data) + WLAN (data)	Yes	Yes	
9	LTE + Bluetooth (data)	Yes	Yes	
10	LTE + WLAN (data)	Yes	Yes	

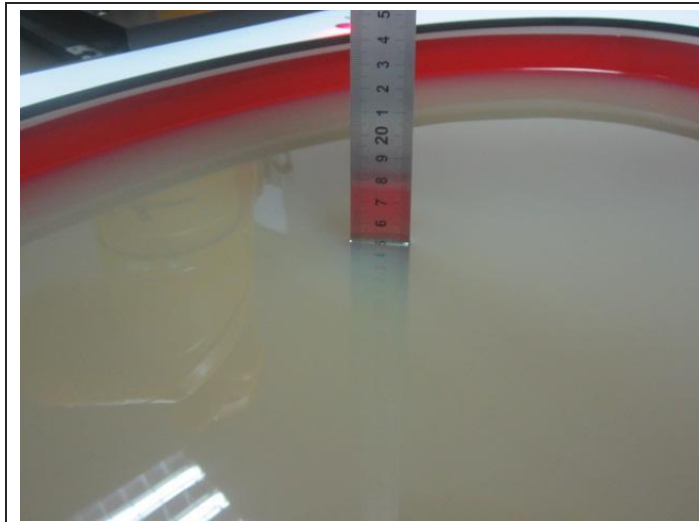
General note:

1. WLAN and Bluetooth share the same antenna, and cannot transmit simultaneously.
2. The reported SAR summation is calculated based on the same configuration and test position

Simultaneous Transmission data:

Please refer to Appendix Report

16. Test Setup Photos



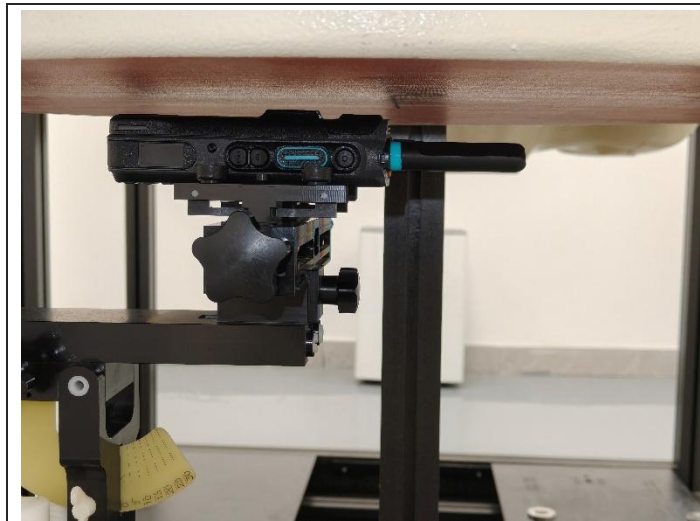
Liquid depth in the ELI phantom



Front-of-face(25mm)



Body Front(10mm)



Body Rear(10mm)



Body Rear(0mm)- With Belt clip

17. External and Internal Photos of the EUT

Refer to the test report No.: CHTW26065034

--- End of Report ---

Project No.	SHT2603040702W		
Test sample No.	YPHT26030407004	Model No.	K-I60
Start test date	2026/4/21	Finish date	2026/4/30
Temperature	23.4°C	Humidity	57.10%
Test Engineer	Jiaxing Si	Auditor	<i>Xiaodong Zhuo</i>

Appendix clause	Test Item	Result
A	Power Measurement Results	PASS
B	SAR Measurement Results	PASS
C	Simultaneous Transmission analysis	PASS

Appendix A:Conducted Power Measurement Results-LTE

LTE-FDD Band 2				Conducted Power (dBm)			Tune-up Limit(dBm)
Bandwidth (MHz)	Modulation	RB allocation	RB offset	Low	Middle	High	
1.4	QPSK	1	0	22.87	23.04	23.16	23.50
			2	22.78	22.95	23.07	
			5	22.82	22.99	23.11	
		3	0	22.16	22.33	22.44	22.50
			1	22.00	22.16	22.28	
			3	21.93	22.09	22.21	
		6	0	22.08	22.25	22.36	22.50
	16QAM	1	0	22.28	22.45	22.57	23.00
			2	22.19	22.36	22.48	
			5	22.23	22.40	22.52	
		3	0	21.59	21.75	21.87	22.00
			1	21.43	21.59	21.71	
			3	21.37	21.53	21.64	
		6	0	21.51	21.67	21.79	22.00
3	QPSK	1	0	22.89	23.06	23.18	23.50
			8	22.80	22.97	23.09	
			14	22.84	23.01	23.13	
		8	0	22.18	22.34	22.46	22.50
			4	22.02	22.18	22.30	
			7	21.95	22.11	22.23	
		15	0	22.10	22.26	22.38	22.50
	16QAM	1	0	22.30	22.47	22.59	23.00
			8	22.21	22.38	22.50	
			14	22.25	22.42	22.54	
		8	0	21.61	21.77	21.89	22.00
			4	21.45	21.61	21.73	
			7	21.39	21.55	21.66	
		15	0	21.53	21.69	21.81	22.00
5	QPSK	1	0	22.91	23.08	23.20	23.50
			12	22.82	22.99	23.11	
			24	22.86	23.03	23.15	
		12	0	22.20	22.36	22.48	22.50
			6	22.04	22.20	22.32	
			13	21.97	22.13	22.25	
		25	0	22.12	22.28	22.40	22.50
	16QAM	1	0	22.32	22.49	22.61	23.00
			12	22.23	22.40	22.52	
			24	22.27	22.44	22.56	
		12	0	21.63	21.79	21.91	22.00
			6	21.47	21.63	21.75	
			13	21.40	21.57	21.68	
		25	0	21.55	21.71	21.83	22.00
10	QPSK	1	0	22.92	23.09	23.21	23.50
			24	22.83	23.00	23.12	
			49	22.87	23.04	23.16	
		25	0	22.21	22.37	22.49	22.50
			12	22.05	22.21	22.33	
			25	21.98	22.14	22.26	
		50	0	22.13	22.29	22.41	22.50
	16QAM	1	0	22.33	22.50	22.62	23.00
			24	22.24	22.41	22.53	
			49	22.28	22.45	22.57	
		25	0	21.64	21.80	21.92	22.00
			12	21.48	21.64	21.76	
			25	21.41	21.58	21.69	
		50	0	21.56	21.72	21.84	22.00

15	QPSK	1	0	22.88	23.05	23.17	23.50
			38	22.79	22.96	23.08	
			74	22.83	23.00	23.12	
		38	0	22.17	22.33	22.45	22.50
			18	22.01	22.17	22.29	
			37	21.94	22.10	22.22	
		75	0	22.09	22.25	22.37	22.50
	16QAM	1	0	22.29	22.46	22.58	23.00
			38	22.20	22.37	22.49	
			74	22.24	22.41	22.53	
		38	0	21.60	21.76	21.88	22.00
			18	21.44	21.60	21.72	
			37	21.38	21.54	21.65	
		75	0	21.52	21.68	21.80	22.00
20	QPSK	1	0	22.95	23.12	23.24	23.50
			49	22.86	23.03	23.15	
			99	22.90	23.07	23.19	
		50	0	22.24	22.40	22.52	23.00
			25	22.08	22.24	22.35	
			50	22.01	22.17	22.29	
		100	0	22.16	22.32	22.44	22.50
	16QAM	1	0	22.36	22.53	22.64	23.00
			49	22.27	22.44	22.55	
			99	22.31	22.48	22.59	
		50	0	21.67	21.83	21.94	22.00
			25	21.51	21.67	21.78	
			50	21.44	21.61	21.71	
		100	0	21.59	21.75	21.86	22.00

LTE-FDD Band 4				Conducted Power (dBm)			Tune-up Limit(dBm)
Bandwidth (MHz)	Modulation	RB allocation	RB offset	Low	Middle	High	
1.4	QPSK	1	0	22.96	22.88	22.74	23.00
			2	22.87	22.79	22.65	
			5	22.91	22.83	22.69	
		3	0	22.25	22.17	22.03	22.50
			1	22.09	22.01	21.87	
			3	22.02	21.94	21.81	
		6	0	22.17	22.09	21.95	22.50
	16QAM	1	0	22.37	22.29	22.16	22.50
			2	22.28	22.20	22.07	
			5	22.32	22.24	22.11	
		3	0	21.68	21.60	21.47	22.00
			1	21.52	21.44	21.32	
			3	21.45	21.38	21.25	
		6	0	21.60	21.52	21.39	22.00
3	QPSK	1	0	22.98	22.90	22.76	23.00
			8	22.89	22.81	22.67	
			14	22.93	22.85	22.71	
		8	0	22.27	22.19	22.05	22.50
			4	22.10	22.03	21.89	
			7	22.04	21.96	21.83	
		15	0	22.19	22.11	21.97	22.50
	16QAM	1	0	22.39	22.31	22.18	22.50
			8	22.30	22.22	22.09	
			14	22.34	22.26	22.13	
		8	0	21.70	21.62	21.49	22.00
			4	21.54	21.46	21.33	
			7	21.47	21.39	21.27	
		15	0	21.62	21.54	21.41	22.00
5	QPSK	1	0	23.00	22.92	22.78	23.50
			12	22.91	22.83	22.69	
			24	22.95	22.87	22.73	
		12	0	22.29	22.21	22.07	22.50
			6	22.12	22.05	21.91	
			13	22.06	21.98	21.85	
		25	0	22.21	22.13	21.99	22.50
	16QAM	1	0	22.41	22.33	22.20	22.50
			12	22.32	22.24	22.11	
			24	22.36	22.28	22.15	
		12	0	21.71	21.64	21.51	22.00
			6	21.56	21.48	21.35	
			13	21.49	21.41	21.29	
		25	0	21.63	21.56	21.43	22.00
10	QPSK	1	0	23.01	22.93	22.79	23.50
			24	22.92	22.84	22.70	
			49	22.96	22.88	22.74	
		25	0	22.30	22.22	22.08	22.50
			12	22.13	22.06	21.92	
			25	22.07	21.99	21.85	
		50	0	22.22	22.14	22.00	22.50
	16QAM	1	0	22.42	22.34	22.21	22.50
			24	22.33	22.25	22.12	
			49	22.37	22.29	22.16	
		25	0	21.72	21.65	21.52	22.00
			12	21.57	21.49	21.36	
			25	21.50	21.42	21.30	
		50	0	21.64	21.57	21.44	22.00
		1	0	22.97	22.89	22.75	23.00
			38	22.88	22.80	22.66	
			74	22.92	22.84	22.70	

15	QPSK	38	0	22.26	22.18	22.04	22.50
			18	22.09	22.02	21.88	
			37	22.03	21.95	21.82	
		75	0	22.18	22.10	21.96	22.50
	16QAM	1	0	22.38	22.30	22.17	22.50
			38	22.29	22.21	22.08	
			74	22.33	22.25	22.12	
		38	0	21.69	21.61	21.48	22.00
			18	21.53	21.45	21.33	
			37	21.46	21.39	21.26	
		75	0	21.61	21.53	21.40	22.00
20	QPSK	1	0	23.04	22.96	22.82	23.50
			49	22.95	22.87	22.73	
			99	22.99	22.91	22.77	
		50	0	22.33	22.25	22.11	22.50
			25	22.16	22.09	21.95	
			50	22.09	22.02	21.88	
		100	0	22.25	22.17	22.03	22.50
	16QAM	1	0	22.45	22.37	22.24	22.50
			49	22.36	22.28	22.15	
			99	22.40	22.32	22.19	
		50	0	21.75	21.68	21.55	22.00
			25	21.59	21.52	21.39	
			50	21.53	21.45	21.33	
		100	0	21.67	21.60	21.47	22.00

LTE-FDD Band 5				Conducted Power (dBm)			Tune-up Limit(dBm)
Bandwidth (MHz)	Modulation	RB allocation	RB offset	Low	Middle	High	
1.4	QPSK	1	0	23.42	23.17	23.31	23.50
			2	23.33	23.08	23.22	
			5	23.37	23.12	23.26	
		3	0	22.69	22.45	22.59	23.00
			1	22.53	22.29	22.42	
			3	22.46	22.22	22.35	
		6	0	22.61	22.37	22.51	23.00
	16QAM	1	0	22.82	22.58	22.71	23.00
			2	22.73	22.49	22.62	
			5	22.77	22.53	22.66	
		3	0	22.11	21.88	22.01	22.50
			1	21.95	21.72	21.84	
			3	21.88	21.65	21.78	
		6	0	22.03	21.80	21.93	22.50
3	QPSK	1	0	23.36	23.11	23.25	23.50
			8	23.27	23.02	23.16	
			14	23.31	23.06	23.20	
		8	0	22.64	22.39	22.53	23.00
			4	22.47	22.23	22.36	
			7	22.40	22.16	22.30	
		15	0	22.56	22.31	22.45	23.00
	16QAM	1	0	22.76	22.52	22.65	23.00
			8	22.67	22.43	22.56	
			14	22.71	22.47	22.60	
		8	0	22.05	21.82	21.95	22.50
			4	21.89	21.66	21.79	
			7	21.83	21.60	21.72	
		15	0	21.97	21.74	21.87	22.00
5	QPSK	1	0	23.39	23.14	23.28	23.50
			12	23.30	23.05	23.19	
			24	23.34	23.09	23.23	
		12	0	22.66	22.42	22.56	23.00
			6	22.50	22.26	22.39	
			13	22.43	22.19	22.32	
		25	0	22.58	22.34	22.48	23.00
	16QAM	1	0	22.79	22.55	22.68	23.00
			12	22.70	22.46	22.59	
			24	22.74	22.50	22.63	
		12	0	22.08	21.85	21.98	22.50
			6	21.92	21.69	21.82	
			13	21.85	21.62	21.75	
		25	0	22.00	21.77	21.90	22.50
10	QPSK	1	0	23.47	23.22	23.36	23.50
			24	23.38	23.13	23.27	
			49	23.42	23.17	23.31	
		25	0	22.74	22.50	22.64	23.00
			12	22.58	22.34	22.47	
			25	22.51	22.27	22.40	
		50	0	22.66	22.42	22.56	23.00
	16QAM	1	0	22.87	22.62	22.76	23.00
			24	22.78	22.53	22.67	
			49	22.82	22.57	22.71	
		25	0	22.16	21.92	22.05	22.50
			12	22.00	21.76	21.89	
			25	21.93	21.69	21.83	
		50	0	22.08	21.84	21.97	22.50

LTE-FDD Band 7				Conducted Power (dBm)			Tune-up Limit(dBm)
Bandwidth (MHz)	Modulation	RB allocation	RB offset	Low	Middle	High	
5	QPSK	1	0	23.11	23.02	23.03	23.50
			12	23.02	22.93	22.94	
			24	23.06	22.97	22.98	
		12	0	22.39	22.31	22.32	22.50
			6	22.23	22.14	22.15	
			13	22.16	22.08	22.09	
		25	0	22.31	22.23	22.24	22.50
	16QAM	1	0	22.52	22.43	22.44	23.00
			12	22.43	22.34	22.35	
			24	22.47	22.38	22.39	
		12	0	21.82	21.73	21.74	22.00
			6	21.66	21.58	21.58	
			13	21.60	21.51	21.52	
		25	0	21.74	21.65	21.66	22.00
10	QPSK	1	0	23.05	22.96	22.97	23.50
			24	22.96	22.87	22.88	
			49	23.00	22.91	22.92	
		25	0	22.33	22.25	22.26	22.50
			12	22.17	22.09	22.09	
			25	22.10	22.02	22.03	
		50	0	22.25	22.17	22.18	22.50
	16QAM	1	0	22.46	22.37	22.38	22.50
			24	22.37	22.28	22.29	
			49	22.41	22.32	22.33	
		25	0	21.76	21.68	21.69	22.00
			12	21.60	21.52	21.53	
			25	21.54	21.45	21.46	
		50	0	21.68	21.60	21.61	22.00
15	QPSK	1	0	23.08	22.99	23.00	23.50
			38	22.99	22.90	22.91	
			74	23.03	22.94	22.95	
		38	0	22.36	22.28	22.29	22.50
			18	22.20	22.11	22.12	
			37	22.13	22.05	22.06	
		75	0	22.28	22.20	22.21	22.50
	16QAM	1	0	22.49	22.40	22.41	22.50
			38	22.40	22.31	22.32	
			74	22.44	22.35	22.36	
		38	0	21.79	21.70	21.71	22.00
			18	21.63	21.55	21.56	
			37	21.57	21.48	21.49	
		75	0	21.71	21.62	21.63	22.00
20	QPSK	1	0	23.16	23.07	23.08	23.50
			49	23.07	22.98	22.99	
			99	23.11	23.02	23.03	
		50	0	22.44	22.35	22.36	22.50
			25	22.28	22.19	22.20	
			50	22.21	22.12	22.13	
		100	0	22.36	22.27	22.28	22.50
	16QAM	1	0	22.57	22.48	22.49	23.00
			49	22.48	22.39	22.40	
			99	22.52	22.43	22.44	
		50	0	21.87	21.78	21.79	22.00
			25	21.71	21.62	21.63	
			50	21.64	21.56	21.57	
		100	0	21.79	21.70	21.71	22.00

LTE-FDD Band 12				Conducted Power (dBm)			Tune-up Limit(dBm)
Bandwidth (MHz)	Modulation	RB allocation	RB offset	Low	Middle	High	
1.4	QPSK	1	0	23.38	23.32	22.54	23.50
			2	23.29	23.23	22.45	
			5	23.33	23.27	22.49	
		3	0	22.65	22.60	21.84	23.00
			1	22.49	22.43	21.68	
			3	22.42	22.36	21.62	
		6	0	22.57	22.52	21.76	23.00
	16QAM	1	0	22.78	22.72	21.96	23.00
			2	22.69	22.63	21.87	
			5	22.73	22.67	21.91	
		3	0	22.07	22.01	21.28	22.50
			1	21.91	21.85	21.12	
			3	21.85	21.79	21.06	
		6	0	21.99	21.93	21.20	22.00
3	QPSK	1	0	23.32	23.26	22.49	23.50
			8	23.23	23.17	22.40	
			14	23.27	23.21	22.44	
		8	0	22.60	22.54	21.79	23.00
			4	22.43	22.37	21.63	
			7	22.36	22.31	21.57	
		15	0	22.52	22.46	21.71	23.00
	16QAM	1	0	22.72	22.66	21.91	23.00
			8	22.63	22.57	21.82	
			14	22.67	22.61	21.86	
		8	0	22.01	21.96	21.23	22.50
			4	21.85	21.80	21.08	
			7	21.79	21.73	21.01	
		15	0	21.93	21.88	21.15	22.00
5	QPSK	1	0	23.35	23.29	22.51	23.50
			12	23.26	23.20	22.42	
			24	23.30	23.24	22.46	
		12	0	22.63	22.57	21.81	23.00
			6	22.46	22.40	21.65	
			13	22.39	22.33	21.59	
		25	0	22.55	22.49	21.73	23.00
	16QAM	1	0	22.75	22.69	21.93	23.00
			12	22.66	22.60	21.84	
			24	22.70	22.64	21.88	
		12	0	22.04	21.99	21.25	22.50
			6	21.88	21.83	21.09	
			13	21.82	21.76	21.03	
		25	0	21.96	21.91	21.17	22.00
10	QPSK	1	0	23.43	23.37	22.59	23.50
			24	23.34	23.28	22.50	
			49	23.38	23.32	22.54	
		25	0	22.70	22.64	21.89	23.00
			12	22.54	22.48	21.73	
			25	22.47	22.41	21.66	
		50	0	22.62	22.56	21.81	23.00
	16QAM	1	0	22.83	22.77	22.01	23.00
			24	22.74	22.68	21.92	
			49	22.78	22.72	21.96	
		25	0	22.12	22.06	21.33	22.50
			12	21.96	21.90	21.17	
			25	21.89	21.84	21.11	
		50	0	22.04	21.98	21.25	22.50

LTE-FDD Band 13				Conducted Power (dBm)			Tune-up Limit(dBm)
Bandwidth (MHz)	Modulation	RB allocation	RB offset	Low	Middle	High	
5	QPSK	1	0	23.01	22.92	22.55	23.50
			12	23.14	22.83	22.36	
			24	23.01	22.87	22.45	
		12	0	22.30	22.21	21.34	22.50
			6	22.13	22.05	21.69	
			13	22.07	21.98	21.62	
		25	0	22.15	22.13	21.45	22.50
	16QAM	1	0	22.42	22.33	21.97	22.50
			12	22.33	22.24	21.88	
			24	22.37	22.28	21.92	
		12	0	21.72	21.64	21.29	22.00
			6	21.57	21.48	21.13	
			13	21.50	21.41	21.07	
		25	0	21.64	21.56	21.21	22.00
10	QPSK	1	0	-	23.00	-	23.50
			24	-	22.91	-	
			49	-	22.95	-	
		25	0	-	22.29	-	22.50
			12	-	22.12	-	
			25	-	22.06	-	
		50	0	-	22.21	-	22.50
	16QAM	1	0	-	22.41	-	22.50
			24	-	22.32	-	
			49	-	22.36	-	
		25	0	-	21.71	-	22.00
			12	-	21.56	-	
			25	-	21.49	-	
		50	0	-	21.63	-	22.00

LTE-FDD Band 14				Conducted Power (dBm)			Tune-up Limit(dBm)
Bandwidth (MHz)	Modulation	RB allocation	RB offset	Low	Middle	High	
5	QPSK	1	0	23.27	23.42	23.35	23.50
			12	23.04	23.33	23.27	
			24	23.21	23.37	23.23	
		12	0	22.55	22.69	22.10	23.00
			6	22.38	22.53	22.46	
			13	22.32	22.46	22.39	
		25	0	23.55	22.61	22.36	24.00
	16QAM	1	0	22.67	22.82	22.75	23.00
			12	22.58	22.73	22.66	
			24	22.62	22.77	22.70	
		12	0	21.97	22.11	22.04	22.50
			6	21.81	21.95	21.88	
			13	21.74	21.88	21.82	
		25	0	21.89	22.03	21.96	22.50
10	QPSK	1	0	-	23.50	-	24.00
			24	-	23.41	-	
			49	-	23.45	-	
		25	0	-	22.77	-	23.00
			12	-	22.60	-	
			25	-	22.54	-	
		50	0	-	22.69	-	23.00
	16QAM	1	0	-	22.90	-	23.00
			24	-	22.81	-	
			49	-	22.85	-	
		25	0	-	22.19	-	22.50
			12	-	22.03	-	
			25	-	21.96	-	
		50	0	-	22.11	-	22.50

LTE-FDD Band 17				Conducted Power (dBm)			Tune-up Limit(dBm)
Bandwidth (MHz)	Modulation	RB allocation	RB offset	Low	Middle	High	
5	QPSK	1	0	23.33	23.24	23.26	23.50
			12	23.24	23.15	23.17	
			24	23.28	23.19	23.21	
		12	0	22.61	22.52	22.54	23.00
			6	22.44	22.35	22.37	
			13	22.37	22.29	22.31	
		25	0	22.53	22.44	22.46	23.00
	16QAM	1	0	22.73	22.64	22.66	23.00
			12	22.64	22.55	22.57	
			24	22.68	22.59	22.61	
		12	0	22.02	21.94	21.96	22.50
			6	21.86	21.78	21.80	
			13	21.80	21.71	21.73	
		25	0	21.94	21.86	21.88	22.00
10	QPSK	1	0	23.41	23.32	23.34	23.50
			24	23.32	23.23	23.25	
			49	23.36	23.27	23.29	
		25	0	22.68	22.60	22.62	23.00
			12	22.52	22.43	22.45	
			25	22.45	22.36	22.38	
		50	0	22.60	22.52	22.54	23.00
	16QAM	1	0	22.81	22.72	22.74	23.00
			24	22.72	22.63	22.65	
			49	22.76	22.67	22.69	
		25	0	22.10	22.01	22.03	22.50
			12	21.94	21.85	21.87	
			25	21.87	21.79	21.81	
		50	0	22.02	21.93	21.95	22.50

LTE-FDD Band 25				Conducted Power (dBm)			Tune-up Limit(dBm)
Bandwidth (MHz)	Modulation	RB allocation	RB offset	Low	Middle	High	
1.4	QPSK	1	0	23.06	22.75	22.89	23.50
			2	22.97	22.66	22.80	
			5	23.01	22.70	22.84	
		3	0	22.34	22.04	22.18	22.50
			1	22.18	21.88	22.02	
			3	22.11	21.82	21.95	
	16QAM	6	0	22.26	21.96	22.10	22.50
		1	0	22.47	22.17	22.30	22.50
			2	22.38	22.08	22.21	
			5	22.42	22.12	22.25	
		3	0	21.77	21.48	21.61	22.00
			1	21.61	21.33	21.45	
			3	21.55	21.26	21.39	
3	QPSK	1	0	23.08	22.77	22.91	23.50
			8	22.99	22.68	22.82	
			14	23.03	22.72	22.86	
		8	0	22.36	22.06	22.20	22.50
			4	22.20	21.90	22.04	
			7	22.13	21.84	21.97	
	16QAM	15	0	22.28	21.98	22.12	22.50
		1	0	22.49	22.19	22.32	22.50
			8	22.40	22.10	22.23	
			14	22.44	22.14	22.27	
		8	0	21.79	21.50	21.63	22.00
			4	21.63	21.34	21.47	
			7	21.57	21.28	21.40	
		15	0	21.71	21.42	21.55	22.00

5	QPSK	1	0	23.10	22.79	22.93	23.50
			12	23.01	22.70	22.84	
			24	23.05	22.74	22.88	
		12	0	22.38	22.08	22.22	22.50
			6	22.22	21.92	22.06	
			13	22.15	21.85	21.99	
		25	0	22.30	22.00	22.14	22.50
	16QAM	1	0	22.51	22.21	22.34	23.00
			12	22.42	22.12	22.25	
			24	22.46	22.16	22.29	
		12	0	21.81	21.52	21.65	22.00
			6	21.65	21.36	21.49	
			13	21.59	21.30	21.42	
		25	0	21.73	21.44	21.57	22.00
10	QPSK	1	0	23.11	22.80	22.94	23.50
			24	23.02	22.71	22.85	
			49	23.06	22.75	22.89	
		25	0	22.39	22.09	22.23	22.50
			12	22.23	21.93	22.07	
			25	22.16	21.86	22.00	
		50	0	22.31	22.01	22.15	22.50
	16QAM	1	0	22.52	22.22	22.35	23.00
			24	22.43	22.13	22.26	
			49	22.47	22.17	22.30	
		25	0	21.82	21.53	21.66	22.00
			12	21.66	21.37	21.50	
			25	21.60	21.31	21.43	
		50	0	21.74	21.45	21.58	22.00
15	QPSK	1	0	23.07	22.76	22.90	23.50
			38	22.98	22.67	22.81	
			74	23.02	22.71	22.85	
		38	0	22.35	22.05	22.19	22.50
			18	22.19	21.89	22.03	
			37	22.12	21.83	21.96	
		75	0	22.27	21.97	22.11	22.50
	16QAM	1	0	22.48	22.18	22.31	22.50
			38	22.39	22.09	22.22	
			74	22.43	22.13	22.26	
		38	0	21.78	21.49	21.62	22.00
			18	21.62	21.33	21.46	
			37	21.56	21.27	21.39	
		75	0	21.70	21.41	21.54	22.00
20	QPSK	1	0	23.14	22.83	22.97	23.50
			49	23.05	22.74	22.88	
			99	23.09	22.78	22.92	
		50	0	22.42	22.12	22.26	22.50
			25	22.26	21.96	22.09	
			50	22.19	21.89	22.03	
		100	0	22.34	22.04	22.18	22.50
	16QAM	1	0	22.55	22.24	22.38	23.00
			49	22.46	22.15	22.29	
			99	22.50	22.19	22.33	
		50	0	21.85	21.55	21.69	22.00
			25	21.69	21.39	21.53	
			50	21.62	21.33	21.46	
		100	0	21.77	21.47	21.61	22.00

LTE-FDD Band 26				Conducted Power (dBm)			Tune-up Limit(dBm)
Bandwidth (MHz)	Modulation	RB allocation	RB offset	Low	Middle	High	
1.4	QPSK	1	0	23.17	23.36	23.38	23.50
			2	23.08	23.27	23.29	
			5	23.12	23.31	23.33	
		3	0	22.45	22.64	22.65	23.00
			1	22.29	22.47	22.49	
			3	22.22	22.40	22.42	
		6	0	22.37	22.56	22.57	23.00
	16QAM	1	0	22.58	22.76	22.78	23.00
			2	22.49	22.67	22.69	
			5	22.53	22.71	22.73	
		3	0	21.88	22.05	22.07	22.50
			1	21.72	21.89	21.91	
			3	21.65	21.83	21.85	
		6	0	21.80	21.97	21.99	22.00
3	QPSK	1	0	23.19	23.38	23.40	23.50
			8	23.10	23.29	23.31	
			14	23.14	23.33	23.35	
		8	0	22.47	22.65	22.67	23.00
			4	22.31	22.49	22.51	
			7	22.24	22.42	22.44	
		15	0	22.39	22.57	22.59	23.00
	16QAM	1	0	22.60	22.78	22.80	23.00
			8	22.51	22.69	22.71	
			14	22.55	22.73	22.75	
		8	0	21.90	22.07	22.09	22.50
			4	21.74	21.91	21.93	
			7	21.67	21.85	21.86	
		15	0	21.82	21.99	22.01	22.50
5	QPSK	1	0	23.20	23.39	23.41	23.50
			12	23.11	23.30	23.32	
			24	23.15	23.34	23.36	
		12	0	22.48	22.66	22.68	23.00
			6	22.32	22.50	22.52	
			13	22.25	22.43	22.45	
		25	0	22.40	22.58	22.60	23.00
	16QAM	1	0	22.61	22.79	22.81	23.00
			12	22.52	22.70	22.72	
			24	22.56	22.74	22.76	
		12	0	21.91	22.08	22.10	22.50
			6	21.75	21.92	21.94	
			13	21.68	21.85	21.87	
		25	0	21.83	22.00	22.02	22.50
10	QPSK	1	0	23.16	23.35	23.37	23.50
			24	23.07	23.26	23.28	
			49	23.11	23.30	23.32	
		25	0	22.44	22.63	22.64	23.00
			12	22.28	22.46	22.48	
			25	22.21	22.39	22.41	
		50	0	22.36	22.55	22.56	23.00
	16QAM	1	0	22.57	22.75	22.77	23.00
			24	22.48	22.66	22.68	
			49	22.52	22.70	22.72	
		25	0	21.87	22.04	22.06	22.50
			12	21.71	21.88	21.90	
			25	21.64	21.82	21.84	
		50	0	21.79	21.96	21.98	22.00
		1	0	23.23	23.42	23.44	23.50
			38	23.14	23.33	23.35	
			74	23.18	23.37	23.39	

15	QPSK	38	0	22.51	22.69	22.71	23.00
			18	22.34	22.53	22.55	
			37	22.28	22.46	22.48	
		75	0	22.43	22.61	22.63	23.00
	16QAM	1	0	22.63	22.82	22.84	23.00
			38	22.54	22.73	22.75	
			74	22.58	22.77	22.79	
		38	0	21.93	22.11	22.13	22.50
			18	21.77	21.95	21.97	
			37	21.70	21.88	21.90	
		75	0	21.85	22.03	22.05	22.50

LTE-FDD Band 41				Conducted Power (dBm)			Tune-up Limit(dBm)
Bandwidth (MHz)	Modulation	RB allocation	RB offset	Low	Middle	High	
5	QPSK	1	0	22.98	22.84	22.57	23.00
			12	22.89	22.75	22.48	
			24	22.93	22.79	22.52	
		12	0	22.27	22.13	21.87	22.50
			6	22.10	21.97	21.71	
			13	22.04	21.90	21.64	
		25	0	22.19	22.05	21.79	22.50
	16QAM	1	0	22.39	22.25	21.99	22.50
			12	22.30	22.16	21.90	
			24	22.34	22.20	21.94	
		12	0	21.70	21.56	21.31	22.00
			6	21.54	21.40	21.15	
			13	21.47	21.34	21.09	
		25	0	21.62	21.48	21.23	22.00
10	QPSK	1	0	22.92	22.78	22.52	23.00
			24	22.83	22.69	22.43	
			49	22.87	22.73	22.47	
		25	0	22.21	22.07	21.82	22.50
			12	22.05	21.91	21.66	
			25	21.98	21.85	21.60	
		50	0	22.13	21.99	21.74	22.50
	16QAM	1	0	22.33	22.20	21.94	22.50
			24	22.24	22.11	21.85	
			49	22.28	22.15	21.89	
		25	0	21.64	21.51	21.26	22.00
			12	21.48	21.35	21.10	
			25	21.41	21.29	21.04	
		50	0	21.56	21.43	21.18	22.00
15	QPSK	1	0	22.95	22.81	22.54	23.00
			38	22.86	22.72	22.45	
			74	22.90	22.76	22.49	
		38	0	22.24	22.10	21.84	22.50
			18	22.08	21.94	21.68	
			37	22.01	21.87	21.62	
		75	0	22.16	22.02	21.76	22.50
	16QAM	1	0	22.36	22.23	21.96	22.50
			38	22.27	22.14	21.87	
			74	22.31	22.18	21.91	
		38	0	21.67	21.54	21.28	22.00
			18	21.51	21.38	21.12	
			37	21.44	21.32	21.06	
		75	0	21.59	21.46	21.20	22.00
20	QPSK	1	0	23.03	22.89	22.62	23.50
			49	22.94	22.80	22.53	
			99	22.98	22.84	22.57	
		50	0	22.32	22.18	21.92	22.50
			25	22.15	22.02	21.76	
			50	22.09	21.95	21.69	
		100	0	22.24	22.10	21.84	22.50
	16QAM	1	0	22.44	22.30	22.04	22.50
			49	22.35	22.21	21.95	
			99	22.39	22.25	21.99	
		50	0	21.74	21.61	21.36	22.00
			25	21.58	21.45	21.20	
			50	21.52	21.39	21.14	
		100	0	21.66	21.53	21.28	22.00

LTE-FDD Band 66				Conducted Power (dBm)			Tune-up Limit(dBm)
Bandwidth (MHz)	Modulation	RB allocation	RB offset	Low	Middle	High	
1.4	QPSK	1	0	22.92	22.93	22.77	23.00
			2	22.83	22.84	22.68	
			5	22.87	22.88	22.72	
		3	0	22.21	22.22	22.06	22.50
			1	22.05	22.06	21.90	
			3	21.98	21.99	21.84	
		6	0	22.13	22.14	21.98	22.50
	16QAM	1	0	22.33	22.34	22.19	22.50
			2	22.24	22.25	22.10	
			5	22.28	22.29	22.14	
		3	0	21.64	21.65	21.50	22.00
			1	21.48	21.49	21.34	
			3	21.41	21.42	21.28	
		6	0	21.56	21.57	21.42	22.00
3	QPSK	1	0	22.94	22.95	22.79	23.00
			8	22.85	22.86	22.70	
			14	22.89	22.90	22.74	
		8	0	22.23	22.24	22.08	22.50
			4	22.07	22.08	21.92	
			7	22.00	22.01	21.85	
		15	0	22.15	22.16	22.00	22.50
	16QAM	1	0	22.35	22.36	22.21	22.50
			8	22.26	22.27	22.12	
			14	22.30	22.31	22.16	
		8	0	21.66	21.67	21.52	22.00
			4	21.50	21.51	21.36	
			7	21.43	21.44	21.30	
		15	0	21.58	21.59	21.44	22.00
5	QPSK	1	0	22.96	22.97	22.81	23.00
			12	22.87	22.88	22.72	
			24	22.91	22.92	22.76	
		12	0	22.25	22.26	22.10	22.50
			6	22.09	22.09	21.94	
			13	22.02	22.03	21.87	
		25	0	22.17	22.18	22.02	22.50
	16QAM	1	0	22.37	22.38	22.23	22.50
			12	22.28	22.29	22.14	
			24	22.32	22.33	22.18	
		12	0	21.68	21.69	21.54	22.00
			6	21.52	21.53	21.38	
			13	21.45	21.46	21.32	
		25	0	21.60	21.61	21.46	22.00
10	QPSK	1	0	22.97	22.98	22.82	23.00
			24	22.88	22.89	22.73	
			49	22.92	22.93	22.77	
		25	0	22.26	22.27	22.11	22.50
			12	22.09	22.10	21.95	
			25	22.03	22.04	21.88	
		50	0	22.18	22.19	22.03	22.50
	16QAM	1	0	22.38	22.39	22.24	22.50
			24	22.29	22.30	22.15	
			49	22.33	22.34	22.19	
		25	0	21.69	21.70	21.55	22.00
			12	21.53	21.54	21.39	
			25	21.46	21.47	21.33	
		50	0	21.61	21.62	21.47	22.00
		1	0	22.93	22.94	22.78	23.00
			38	22.84	22.85	22.69	
			74	22.88	22.89	22.73	

15	QPSK	38	0	22.22	22.23	22.07	22.50
			18	22.06	22.07	21.91	
			37	21.99	22.00	21.85	
		75	0	22.14	22.15	21.99	22.50
	16QAM	1	0	22.34	22.35	22.20	22.50
			38	22.25	22.26	22.11	
			74	22.29	22.30	22.15	
		38	0	21.65	21.66	21.51	22.00
			18	21.49	21.50	21.35	
			37	21.42	21.43	21.29	
		75	0	21.57	21.58	21.43	22.00
20	QPSK	1	0	23.00	23.01	22.85	23.50
			49	22.91	22.92	22.76	
			99	22.95	22.96	22.80	
		50	0	22.29	22.30	22.14	22.50
			25	22.12	22.13	21.98	
			50	22.06	22.07	21.91	
		100	0	22.21	22.22	22.06	22.50
	16QAM	1	0	22.41	22.42	22.26	22.50
			49	22.32	22.33	22.17	
			99	22.36	22.37	22.21	
		50	0	21.71	21.72	21.57	22.00
			25	21.56	21.57	21.41	
			50	21.49	21.50	21.35	
		100	0	21.63	21.64	21.49	22.00

LTE-FDD Band 71				Conducted Power (dBm)			Tune-up Limit(dBm)
Bandwidth (MHz)	Modulation	RB allocation	RB offset	Low	Middle	High	
5	QPSK	1	0	22.86	22.92	22.84	23.00
			12	22.77	22.83	22.75	
			24	22.81	22.87	22.79	
		12	0	22.15	22.21	22.13	22.50
			6	21.99	22.05	21.97	
			13	21.92	21.98	21.90	
		25	0	22.07	22.13	22.05	22.50
	16QAM	1	0	22.27	22.33	22.25	22.50
			12	22.18	22.24	22.16	
			24	22.22	22.28	22.20	
		12	0	21.58	21.64	21.56	22.00
			6	21.42	21.48	21.40	
			13	21.36	21.41	21.34	
		25	0	21.50	21.56	21.48	22.00
10	QPSK	1	0	22.80	22.86	22.78	23.00
			24	22.71	22.77	22.69	
			49	22.75	22.81	22.73	
		25	0	22.09	22.15	22.07	22.50
			12	21.93	21.99	21.91	
			25	21.86	21.92	21.85	
		50	0	22.01	22.07	21.99	22.50
	16QAM	1	0	22.22	22.27	22.20	22.50
			24	22.13	22.18	22.11	
			49	22.17	22.22	22.15	
		25	0	21.53	21.58	21.51	22.00
			12	21.37	21.42	21.35	
			25	21.31	21.36	21.29	
		50	0	21.45	21.50	21.43	22.00
15	QPSK	1	0	22.83	22.89	22.81	23.00
			38	22.74	22.80	22.72	
			74	22.78	22.84	22.76	
		38	0	22.12	22.18	22.10	22.50
			18	21.96	22.02	21.94	
			37	21.89	21.95	21.87	
		75	0	22.04	22.10	22.02	22.50
	16QAM	1	0	22.24	22.30	22.23	22.50
			38	22.15	22.21	22.14	
			74	22.19	22.25	22.18	
		38	0	21.55	21.61	21.54	22.00
			18	21.39	21.45	21.38	
			37	21.33	21.39	21.32	
		75	0	21.47	21.53	21.46	22.00
20	QPSK	1	0	22.91	22.97	22.89	23.00
			49	22.82	22.88	22.80	
			99	22.86	22.92	22.84	
		50	0	22.20	22.26	22.18	22.50
			25	22.04	22.09	22.02	
			50	21.97	22.03	21.95	
		100	0	22.12	22.18	22.10	22.50
	16QAM	1	0	22.32	22.38	22.30	22.50
			49	22.23	22.29	22.21	
			99	22.27	22.33	22.25	
		50	0	21.63	21.69	21.61	22.00
			25	21.47	21.53	21.45	
			50	21.40	21.46	21.39	
		100	0	21.55	21.61	21.53	22.00

Appendix A:Conducted Power Measurement Results-WIFI/Bluetooth

WIFI 2.4G					
Mode	Channel	Frequency (MHz)	Conducted Power (dBm)	Tune-up limit (dBm)	Duty Cycle
802.11b	1	2412	21.13	21.50	99.04%
	6	2437	21.23	21.50	99.04%
	11	2462	20.90	21.00	99.04%
802.11g	1	2412	23.38	23.50	98.10%
	6	2437	22.46	22.50	98.10%
	11	2462	23.15	23.50	98.10%
802.11n (HT20)	1	2412	22.17	22.50	97.96%
	6	2437	22.34	22.50	97.96%
	11	2462	21.95	22.00	97.96%
802.11n (HT40)	3	2422	22.10	22.50	95.00%
	6	2437	22.34	22.50	95.00%
	9	2452	22.25	22.50	95.00%

WIFI 5G U-NII-1						
Bandwidth	Mode	Channel	Frequency (MHz)	Conducted Power(dBm)	Tune up limit (dBm)	Duty Cycle
20	802.11ac (VHT20)	36	5180	15.17	15.50	97.97%
		44	5220	15.26	15.50	97.97%
		48	5240	14.63	15.00	97.97%
	802.11n (HT20)	36	5180	14.64	15.00	97.97%
		44	5220	14.68	15.00	97.97%
		48	5240	14.10	14.50	97.97%
	802.11a	36	5180	14.42	14.50	98.10%
		44	5220	14.61	15.00	98.10%
		48	5240	14.39	14.50	98.10%
40	802.11ac (VHT40)	38	5190	13.43	13.50	95.96%
		46	5230	15.57	16.00	95.96%
	802.11n (HT40)	38	5190	13.23	13.50	95.92%
		46	5230	15.18	15.50	95.92%
80	802.11ac (VHT80)	42	5210	13.68	14.00	92.00%

WIFI 5G U-NII-2A						
Bandwidth	Mode	Channel	Frequency (MHz)	Conducted Power(dBm)	Tune up limit (dBm)	Duty Cycle
20	802.11ac (VHT20)	52	5260	15.10	15.50	97.97%
		56	5280	15.22	15.50	97.97%
		64	5320	14.60	15.00	97.97%
	802.11n (HT20)	52	5260	14.62	15.00	97.97%
		56	5280	14.70	15.00	97.97%
		64	5320	13.92	14.00	97.97%
	802.11a	52	5260	14.57	15.00	98.10%
		56	5280	14.64	15.00	98.10%
		64	5320	14.62	15.00	98.10%
40	802.11ac (VHT40)	54	5270	15.91	16.00	95.96%
		62	5310	14.92	15.00	95.96%
	802.11n (HT40)	54	5270	15.52	16.00	95.92%
		62	5310	15.26	15.50	95.92%
80	802.11ac (VHT80)	58	5290	13.88	14.00	92.00%

WIFI 5G U-NII-2C						
Bandwidth	Mode	Channel	Frequency (MHz)	Conducted Power(dBm)	Tune up limit (dBm)	Duty Cycle
20	802.11ac (VHT20)	100	5500	14.66	15.00	97.97%
		116	5580	14.96	15.00	97.97%
		144	5720	15.42	15.50	97.97%
	802.11n (HT20)	100	5500	14.23	14.50	97.97%
		116	5580	14.49	14.50	97.97%
		144	5720	14.01	14.50	97.97%
	802.11a	100	5500	14.20	14.50	98.10%
		116	5580	14.45	14.50	98.10%
		144	5720	15.35	15.50	98.10%
40	802.11ac (VHT40)	102	5510	15.36	15.50	95.96%
		110	5550	15.63	16.00	95.96%
		142	5710	16.24	16.50	95.96%
	802.11n (HT40)	102	5510	15.77	16.00	95.92%
		110	5550	15.04	15.50	95.92%
		142	5710	15.75	16.00	95.92%
80	802.11ac (VHT80)	106	5530	13.87	14.00	92.00%
		138	5690	14.24	14.50	92.00%

WIFI 5G U-NII-3						
Bandwidth	Mode	Channel	Frequency (MHz)	Conducted Power(dBm)	Tune up limit (dBm)	Duty Cycle
20	802.11ac (VHT20)	149	5745	15.75	16.00	97.97%
		157	5785	15.40	15.50	97.97%
		165	5825	14.92	15.00	97.97%
	802.11n (HT20)	149	5745	15.28	15.50	97.97%
		157	5785	14.90	15.00	97.97%
		165	5825	14.33	14.50	97.97%
	802.11a	149	5745	15.21	15.50	98.10%
		157	5785	14.87	15.00	98.10%
		165	5825	14.84	15.00	98.10%
40	802.11ac (VHT40)	151	5755	16.36	16.50	95.96%
		159	5795	16.21	16.50	95.96%
	802.11n (HT40)	151	5755	15.41	15.50	95.92%
		159	5795	15.34	15.50	95.92%
80	802.11ac (VHT80)	155	5775	15.12	15.50	92.00%

Bluetooth						
Mode		Channel	Frequency (MHz)	Conducted Power(dBm)	Tune up limit (dBm)	Duty Cycle
EDR	GFSK	0	2402	7.32	7.50	76.86%
		39	2441	8.53	9.00	76.86%
		78	2480	9.12	9.50	76.86%
	$\pi/4$ QPSK	0	2402	8.23	8.50	76.86%
		39	2441	9.42	9.50	77.07%
		78	2480	10.02	10.50	77.07%
	8DPSK	0	2402	8.36	8.50	77.07%
		39	2441	9.56	10.00	77.07%
		78	2480	10.04	10.50	77.07%
BLE	GFSK	0	2402	0.35	0.50	61.90%
		19	2440	1.23	1.50	61.90%
		39	2480	1.20	1.50	61.90%

Appendix B:SAR Measurement Results-Front-of-face

LTE Band 2											
Mode	Test Position	Test Distance (mm)	Frequency		Conducte d Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
			CH	MHz					(W/kg)	(W/kg)	
20M QPSK 1RB	Front	25	18700	1860.0	22.95	23.50	1.135	-	-	-	-
			18900	1880.0	23.12	23.50	1.091	-	-	-	-
			19100	1900.0	23.24	23.50	1.062	-0.07	0.138	0.147	1

LTE Band 4											
Mode	Test Position	Test Distance (mm)	Frequency		Conducte d Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
			CH	MHz					(W/kg)	(W/kg)	
20M QPSK 1RB	Front	25	20050	1720.0	23.04	23.50	1.112	-0.09	0.117	0.130	2
			20175	1732.5	22.96	23.50	1.132	-	-	-	-
			20300	1745.0	22.82	23.50	1.169	-	-	-	-

LTE Band 5											
Mode	Test Position	Test Distance (mm)	Frequency		Conducte d Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
			CH	MHz					(W/kg)	(W/kg)	
10M QPSK 1RB	Front	25	20450	829.0	23.47	23.50	1.007	-0.18	0.127	0.128	3
			20525	836.5	23.22	23.50	1.067	-	-	-	-
			20600	844.0	23.36	23.50	1.033	-	-	-	-

LTE Band 7											
Mode	Test Position	Test Distance (mm)	Frequency		Conducte d Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
			CH	MHz					(W/kg)	(W/kg)	
20M QPSK 1RB	Front	25	20850	2510.0	23.16	23.50	1.081	-0.16	0.111	0.120	4
			21100	2535.0	23.07	23.50	1.104	-	-	-	-
			21350	2560.0	23.08	23.50	1.102	-	-	-	-

LTE Band 12											
Mode	Test Position	Test Distance (mm)	Frequency		Conducte d Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
			CH	MHz					(W/kg)	(W/kg)	
10M QPSK 1RB	Front	25	23060	704.0	23.43	23.50	1.016	-0.06	0.072	0.073	5
			23095	707.5	23.37	23.50	1.030	-	-	-	-
			23130	711.0	22.59	23.50	1.233	-	-	-	-

LTE Band 13											
Mode	Test Position	Test Distance (mm)	Frequency		Conducte d Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
			CH	MHz					(W/kg)	(W/kg)	
10M QPSK 1RB	Front	25	-	-	-	-	-	-	-	-	-
			23230	782.0	23.00	23.50	1.122	-0.08	0.110	0.123	6
			-	-	-	-	-	-	-	-	-

LTE Band 14											
Mode	Test Position	Test Distance (mm)	Frequency		Conducte d Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
			CH	MHz					(W/kg)	(W/kg)	
10M QPSK 1RB	Front	25	-	-	-	-	-	-	-	-	-
			23330	793.0	23.50	24.00	1.122	0.09	0.116	0.130	7
			-	-	-	-	-	-	-	-	-

LTE Band 17											
Mode	Test Position	Test Distance (mm)	Frequency		Conducte d Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
			CH	MHz					(W/kg)	(W/kg)	
10M QPSK 1RB	Front	25	23780	709.0	23.41	23.50	1.021	-0.13	0.095	0.097	8
			23790	710.0	23.32	23.50	1.042	-	-	-	-
			23800	711.0	23.34	23.50	1.038	-	-	-	-

LTE Band 25											
Mode	Test Position	Test Distance (mm)	Frequency		Conducte d Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
			CH	MHz					(W/kg)	(W/kg)	
20M QPSK 1RB	Front	25	26140	1860.0	23.14	23.50	1.086	0.04	0.133	0.144	9
			26365	1882.5	22.83	23.50	1.167	-	-	-	-
			26590	1905.0	22.97	23.50	1.130	-	-	-	-

LTE Band 26											
Mode	Test Position	Test Distance (mm)	Frequency		Conducte d Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
			CH	MHz					(W/kg)	(W/kg)	
15M QPSK 1RB	Front	25	26765	821.5	23.23	23.50	1.064	-	-	-	-
			26865	831.5	23.42	23.50	1.019	-	-	-	-
			26965	841.5	23.44	23.50	1.014	-0.01	0.123	0.125	10

LTE Band 41											
Mode	Test Position	Test Distance (mm)	Frequency		Conducte d Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
			CH	MHz					(W/kg)	(W/kg)	
20M QPSK 1RB	Front	25	39750	2506.0	23.03	23.50	1.114	-0.08	0.070	0.078	11
			40620	2593.0	22.89	23.50	1.151	-	-	-	-
			41490	2680.0	22.62	23.50	1.225	-	-	-	-

LTE Band 66											
Mode	Test Position	Test Distance (mm)	Frequency		Conducte d Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
			CH	MHz					(W/kg)	(W/kg)	
20M QPSK 1RB	Front	25	132072	1720.0	23.00	23.50	1.122	-	-	-	-
			132322	1745.0	23.01	23.50	1.119	-0.19	0.126	0.141	12
			132572	1770.0	22.85	23.50	1.161	-	-	-	-

LTE Band 71											
Mode	Test Position	Test Distance (mm)	Frequency		Conducte d Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
			CH	MHz					(W/kg)	(W/kg)	
20M QPSK 1RB	Front	25	133222	673.0	22.91	23.00	1.021	-	-	-	-
			133322	683.0	22.97	23.00	1.007	-0.13	0.066	0.066	13
			133372	688.0	22.89	23.00	1.026	-	-	-	-

WIFI 2.4G													
Mode	Test Position	Test Distance (mm)	Frequency		Conducte d Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Duty Cycle	Duty Cycle Factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
			CH	MHz							(W/kg)	(W/kg)	
802.11b	Front	25	1	2412.0	21.13	21.50	1.089	99.04%	1.010	-	-	-	-
			6	2437.0	21.23	21.50	1.064	99.04%	1.010	-0.03	0.007	0.008	14
			11	2462.0	20.90	21.00	1.023	99.04%	1.010	-	-	-	-

WIFI 5G U-NII-1													
Mode	Test Position	Test Distance (mm)	Frequency		Conducte d Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Duty Cycle	Duty Cycle Factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
			CH	MHz							(W/kg)	(W/kg)	
802.11ac (VHT40)	Front	25	38	5190.0	13.43	13.50	1.016	95.96%	1.042	-	-	-	-
			46	5230.0	15.57	16.00	1.104	95.96%	1.042	-0.09	0.001	0.001	15

WIFI 5G U-NII-2A													
Mode	Test Position	Test Distance (mm)	Frequency		Conducte d Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Duty Cycle	Duty Cycle Factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
			CH	MHz							(W/kg)	(W/kg)	
802.11ac (VHT40)	Front	25	54	5270.0	15.91	16.00	1.021	95.96%	1.042	-0.05	0.006	0.006	16
			62	5310.0	14.92	15.00	1.019	95.96%	1.042	-	-	-	-

WIFI 5G U-NII-2C													
Mode	Test Position	Test Distance (mm)	Frequency		Conducted Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Duty Cycle	Duty Cycle Factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
			CH	MHz							(W/kg)	(W/kg)	
802.11ac (VHT40)	Front	25	102	5510.0	15.36	15.50	1.033	95.96%	1.042	-	-	-	-
			110	5550.0	15.63	16.00	1.089	95.96%	1.042	-	-	-	-
			142	5710.0	16.24	16.50	1.062	95.96%	1.042	-0.03	0.015	0.017	17

WIFI 5G U-NII-3													
Mode	Test Position	Test Distance (mm)	Frequency		Conducted Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Duty Cycle	Duty Cycle Factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
			CH	MHz							(W/kg)	(W/kg)	
802.11ac (VHT40)	Front	25	151	5755.0	16.36	16.50	1.033	95.96%	1.042	-0.02	0.003	0.003	18
			159	5795.0	16.21	16.50	1.069	95.96%	1.042	-	-	-	-

Bluetooth													
Mode	Test Position	Test Distance (mm)	Frequency		Conducted Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Duty Cycle	Duty Cycle Factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
			CH	MHz							(W/kg)	(W/kg)	
8DPSK	Front	25	0	2402	8.36	8.50	1.033	77.07%	1.298	-	-	-	-
			39	2441	9.56	10.00	1.107	77.07%	1.298	-	-	-	-
			78	2480	10.04	10.50	1.112	77.07%	1.298	-0.03	0.001	0.001	19

Appendix B:SAR Measurement Results-Body-worn

LTE Band 2											
Mode	Test Position	Test Distance(mm)	Frequency		Conducte d Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
			CH	MHz					(W/kg)	(W/kg)	
20M QPSK 1RB	Front	10	18700	1860.0	22.95	23.50	1.135	-	-	-	-
			18900	1880.0	23.12	23.50	1.091	-	-	-	-
			19100	1900.0	23.24	23.50	1.062	0.08	0.279	0.296	-
	Rear	10	18700	1860.0	22.95	23.50	1.135	-	-	-	-
			18900	1880.0	23.12	23.50	1.091	-	-	-	-
			19100	1900.0	23.24	23.50	1.062	-0.15	0.391	0.415	20
	Rear (With Belt clip)	0	18700	1860.0	22.95	23.50	1.135	-	-	-	-
			18900	1880.0	23.12	23.50	1.091	-	-	-	-
			19100	1900.0	23.24	23.50	1.062	0.17	0.176	0.187	-
20M QPSK 50RB	Front	10	18700	1860.0	22.24	23.00	1.191	-	-	-	-
			18900	1880.0	22.40	23.00	1.148	-	-	-	-
			19100	1900.0	22.52	23.00	1.117	0.05	0.265	0.296	-
	Rear	10	18700	1860.0	22.24	23.00	1.191	-	-	-	-
			18900	1880.0	22.40	23.00	1.148	-	-	-	-
			19100	1900.0	22.52	23.00	1.117	0.03	0.363	0.405	-
	Rear (With Belt clip)	0	18700	1860.0	22.24	23.00	1.191	-	-	-	-
			18900	1880.0	22.40	23.00	1.148	-	-	-	-
			19100	1900.0	22.52	23.00	1.117	-0.04	0.123	0.137	-

LTE Band 4											
Mode	Test Position	Test Distance(mm)	Frequency		Conducte d Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
			CH	MHz					(W/kg)	(W/kg)	
20M QPSK 1RB	Front	10	20050	1720.0	23.04	23.50	1.112	-0.03	0.219	0.244	-
			20175	1732.5	22.96	23.50	1.132	-	-	-	-
			20300	1745.0	22.82	23.50	1.169	-	-	-	-
	Rear	10	20050	1720.0	23.04	23.50	1.112	-0.19	0.230	0.256	21
			20175	1732.5	22.96	23.50	1.132	-	-	-	-
			20300	1745.0	22.82	23.50	1.169	-	-	-	-
	Rear (With Belt clip)	0	20050	1720.0	23.04	23.50	1.112	0.19	0.104	0.116	-
			20175	1732.5	22.96	23.50	1.132	-	-	-	-
			20300	1745.0	22.82	23.50	1.169	-	-	-	-
20M QPSK 50RB	Front	10	20050	1720.0	22.33	22.50	1.040	-0.02	0.205	0.213	-
			20175	1733.0	22.25	22.50	1.059	-	-	-	-
			20300	1745.0	22.11	22.50	1.094	-	-	-	-
	Rear	10	20050	1720.0	22.33	22.50	1.040	0.18	0.219	0.228	-
			20175	1733.0	22.25	22.50	1.059	-	-	-	-
			20300	1745.0	22.11	22.50	1.094	-	-	-	-
	Rear (With Belt clip)	0	20050	1720.0	22.33	22.50	1.040	-0.07	0.095	0.099	-
			20175	1733.0	22.25	22.50	1.059	-	-	-	-
			20300	1745.0	22.11	22.50	1.094	-	-	-	-

LTE Band 5											
Mode	Test Position	Test Distance(mm)	Frequency		Conducte d Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
			CH	MHz					(W/kg)	(W/kg)	
10M QPSK 1RB	Front	10	20450	829.0	23.47	23.50	1.007	-0.14	0.278	0.280	-
			20525	836.5	23.22	23.50	1.067	-	-	-	-
			20600	844.0	23.36	23.50	1.033	-	-	-	-
	Rear	10	20450	829.0	23.47	23.50	1.007	0.01	0.280	0.282	22
			20525	836.5	23.22	23.50	1.067	-	-	-	-
			20600	844.0	23.36	23.50	1.033	-	-	-	-
	Rear (With Belt clip)	0	20450	829.0	23.47	23.50	1.007	-0.08	0.129	0.130	-
			20525	836.5	23.22	23.50	1.067	-	-	-	-
			20600	844.0	23.36	23.50	1.033	-	-	-	-

10M QPSK 25RB	Front	10	20450	829.0	22.74	23.00	1.062	0.01	0.243	0.258	-
			20525	836.5	22.50	23.00	1.122	-	-	-	-
			20600	844.0	22.64	23.00	1.086	-	-	-	-
	Rear	10	20450	829.0	22.74	23.00	1.062	0.05	0.250	0.266	-
			20525	836.5	22.50	23.00	1.122	-	-	-	-
			20600	844.0	22.64	23.00	1.086	-	-	-	-
	Rear (With Belt clip)	0	20450	829.0	22.74	23.00	1.062	0.17	0.106	0.113	-
			20525	836.5	22.50	23.00	1.122	-	-	-	-
			20600	844.0	22.64	23.00	1.086	-	-	-	-

LTE Band 7											
Mode	Test Position	Test Distance(mm)	Frequency		Conducte d Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
			CH	MHz					(W/kg)	(W/kg)	
20M QPSK 1RB	Front	10	20850	2510.0	23.16	23.50	1.081	-0.07	0.329	0.356	-
			21100	2535.0	23.07	23.50	1.104	-	-	-	-
			21350	2560.0	23.08	23.50	1.102	-	-	-	-
	Rear	10	20850	2510.0	23.16	23.50	1.081	-0.16	0.444	0.480	23
			21100	2535.0	23.07	23.50	1.104	-	-	-	-
			21350	2560.0	23.08	23.50	1.102	-	-	-	-
	Rear (With Belt clip)	0	20850	2510.0	23.16	23.50	1.081	0.00	0.212	0.229	-
			21100	2535.0	23.07	23.50	1.104	-	-	-	-
			21350	2560.0	23.08	23.50	1.102	-	-	-	-
20M QPSK 50RB	Front	10	20850	2510.0	22.44	22.50	1.014	-0.08	0.310	0.314	-
			21100	2535.0	22.35	22.50	1.035	-	-	-	-
			21350	2560.0	22.36	22.50	1.033	-	-	-	-
	Rear	10	20850	2510.0	22.44	22.50	1.014	-0.17	0.427	0.433	-
			21100	2535.0	22.35	22.50	1.035	-	-	-	-
			21350	2560.0	22.36	22.50	1.033	-	-	-	-
	Rear (With Belt clip)	0	20850	2510.0	22.44	22.50	1.014	-0.18	0.186	0.189	-
			21100	2535.0	22.35	22.50	1.035	-	-	-	-
			21350	2560.0	22.36	22.50	1.033	-	-	-	-

LTE Band 12											
Mode	Test Position	Test Distance(mm)	Frequency		Conducte d Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
			CH	MHz					(W/kg)	(W/kg)	
10M QPSK 1RB	Front	10	23060	704.0	23.43	23.50	1.016	-0.14	0.123	0.125	24
			23095	707.5	23.37	23.50	1.030	-	-	-	-
			23130	711.0	22.59	23.50	1.233	-	-	-	-
	Rear	10	23060	704.0	23.43	23.50	1.016	-0.01	0.086	0.087	-
			23095	707.5	23.37	23.50	1.030	-	-	-	-
			23130	711.0	22.59	23.50	1.233	-	-	-	-
	Rear (With Belt clip)	0	23060	704.0	23.43	23.50	1.016	-0.15	0.021	0.021	-
			23095	707.5	23.37	23.50	1.030	-	-	-	-
			23130	711.0	22.59	23.50	1.233	-	-	-	-
10M QPSK 25RB	Front	10	23060	704.0	22.70	23.00	1.072	-0.15	0.111	0.119	-
			23095	708.0	22.64	23.00	1.086	-	-	-	-
			23130	711.0	21.89	23.00	1.291	-	-	-	-
	Rear	10	23060	704.0	22.70	23.00	1.072	-0.08	0.073	0.078	-
			23095	708.0	22.64	23.00	1.086	-	-	-	-
			23130	711.0	21.89	23.00	1.291	-	-	-	-
	Rear (With Belt clip)	0	23060	704.0	22.70	23.00	1.072	-0.17	0.014	0.015	-
			23095	708.0	22.64	23.00	1.086	-	-	-	-
			23130	711.0	21.89	23.00	1.291	-	-	-	-

LTE Band 13											
Mode	Test Position	Test Distance(mm)	Frequency		Conducte d Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
			CH	MHz					(W/kg)	(W/kg)	
10M QPSK 1RB	Front	10	-	-	-	-	-	-	-	-	-
			23230	782.0	23.00	23.50	1.122	-0.12	0.233	0.261	25
			-	-	-	-	-	-	-	-	-
	Rear	10	-	-	-	-	-	-	-	-	-
			23230	782.0	23.00	23.50	1.122	0.03	0.213	0.239	-
			-	-	-	-	-	-	-	-	-
10M QPSK 25RB	Front	0	-	-	-	-	-	-	-	-	-
			23230	782.0	22.29	22.50	1.050	0.07	0.202	0.212	-
			-	-	-	-	-	-	-	-	-
	Rear	0	-	-	-	-	-	-	-	-	-
			23230	782.0	22.29	22.50	1.050	0.10	0.200	0.210	-
			-	-	-	-	-	-	-	-	-
10M QPSK 25RB	Rear (With Belt clip)	0	-	-	-	-	-	-	-	-	-
			23230	782.0	22.29	22.50	1.050	0.17	0.116	0.122	-
			-	-	-	-	-	-	-	-	-

LTE Band 14											
Mode	Test Position	Test Distance(mm)	Frequency		Conducte d Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
			CH	MHz					(W/kg)	(W/kg)	
10M QPSK 1RB	Front	10	-	-	-	-	-	-	-	-	-
			23330	793.0	23.50	24.00	1.122	-0.04	0.251	0.282	26
			-	-	-	-	-	-	-	-	-
	Rear	10	-	-	-	-	-	-	-	-	-
			23330	793.0	23.50	24.00	1.122	-0.05	0.234	0.263	-
			-	-	-	-	-	-	-	-	-
10M QPSK 25RB	Rear (With Belt clip)	0	-	-	-	-	-	-	-	-	-
			23330	793.0	23.50	24.00	1.122	-0.10	0.100	0.112	-
			-	-	-	-	-	-	-	-	-
10M QPSK 25RB	Front	10	-	-	-	-	-	-	-	-	-
			23330	793.0	22.77	23.00	1.054	0.03	0.233	0.246	-
			-	-	-	-	-	-	-	-	-
	Rear	10	-	-	-	-	-	-	-	-	-
			23330	793.0	22.77	23.00	1.054	-0.05	0.224	0.236	-
			-	-	-	-	-	-	-	-	-
10M QPSK 25RB	Rear (With Belt clip)	0	-	-	-	-	-	-	-	-	-
			23330	793.0	22.77	23.00	1.054	-0.13	0.095	0.100	-
			-	-	-	-	-	-	-	-	-

LTE Band 17											
Mode	Test Position	Test Distance(mm)	Frequency		Conducte d Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
			CH	MHz					(W/kg)	(W/kg)	
10M QPSK 1RB	Front	10	23780	709.0	23.41	23.50	1.021	-0.08	0.167	0.171	27
			23790	710.0	23.32	23.50	1.042	-	-	-	-
			23800	711.0	23.34	23.50	1.038	-	-	-	-
	Rear	10	23780	709.0	23.41	23.50	1.021	-0.13	0.120	0.123	-
			23790	710.0	23.32	23.50	1.042	-	-	-	-
			23800	711.0	23.34	23.50	1.038	-	-	-	-
	Rear (With Belt clip)	0	23780	709.0	23.41	23.50	1.021	-0.05	0.078	0.080	-
			23790	710.0	23.32	23.50	1.042	-	-	-	-
			23800	711.0	23.34	23.50	1.038	-	-	-	-

10M QPSK 25RB	Front	10	23780	709.0	22.68	23.00	1.076	-0.01	0.151	0.162	-
			23790	710.0	22.60	23.00	1.096	-	-	-	-
			23800	711.0	22.62	23.00	1.091	-	-	-	-
	Rear	10	23780	709.0	22.68	23.00	1.076	-0.08	0.113	0.122	-
			23790	710.0	22.60	23.00	1.096	-	-	-	-
			23800	711.0	22.62	23.00	1.091	-	-	-	-
	Rear (With Belt clip)	0	23780	709.0	22.68	23.00	1.076	-0.08	0.069	0.074	-
			23790	710.0	22.60	23.00	1.096	-	-	-	-
			23800	711.0	22.62	23.00	1.091	-	-	-	-

LTE Band 25											
Mode	Test Position	Test Distance(mm)	Frequency		Conducte d Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
			CH	MHz					(W/kg)	(W/kg)	
20M QPSK 1RB	Front	10	26140	1860.0	23.14	23.50	1.086	0.03	0.299	0.325	-
			26365	1882.5	22.83	23.50	1.167	-	-	-	-
			26590	1905.0	22.97	23.50	1.130	-	-	-	-
	Rear	10	26140	1860.0	23.14	23.50	1.086	-0.11	0.391	0.425	28
			26365	1882.5	22.83	23.50	1.167	-	-	-	-
			26590	1905.0	22.97	23.50	1.130	-	-	-	-
	Rear (With Belt clip)	0	26140	1860.0	23.14	23.50	1.086	-0.06	0.173	0.188	-
			26365	1882.5	22.83	23.50	1.167	-	-	-	-
			26590	1905.0	22.97	23.50	1.130	-	-	-	-
20M QPSK 50RB	Front	10	26140	1860.0	22.42	22.50	1.019	-0.11	0.276	0.281	-
			26365	1882.5	22.12	22.50	1.091	-	-	-	-
			26590	1905.0	22.26	22.50	1.057	-	-	-	-
	Rear	10	26140	1860.0	22.42	22.50	1.019	0.11	0.375	0.382	-
			26365	1882.5	22.12	22.50	1.091	-	-	-	-
			26590	1905.0	22.26	22.50	1.057	-	-	-	-
	Rear (With Belt clip)	0	26140	1860.0	22.42	22.50	1.019	-0.08	0.160	0.163	-
			26365	1882.5	22.12	22.50	1.091	-	-	-	-
			26590	1905.0	22.26	22.50	1.057	-	-	-	-

LTE Band 26											
Mode	Test Position	Test Distance(mm)	Frequency		Conducte d Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
			CH	MHz					(W/kg)	(W/kg)	
15M QPSK 1RB	Front	10	26765	821.5	23.23	23.50	1.064	-	-	-	-
			26865	831.5	23.42	23.50	1.019	-	-	-	-
			26965	841.5	23.44	23.50	1.014	-0.04	0.264	0.268	29
	Rear	10	26765	821.5	23.23	23.50	1.064	-	-	-	-
			26865	831.5	23.42	23.50	1.019	-	-	-	-
			26965	841.5	23.44	23.50	1.014	-0.13	0.219	0.222	-
	Rear (With Belt clip)	0	26765	821.5	23.23	23.50	1.064	-	-	-	-
			26865	831.5	23.42	23.50	1.019	-	-	-	-
			26965	841.5	23.44	23.50	1.014	-0.17	0.116	0.118	-
15M QPSK 38RB	Front	10	26765	821.5	22.51	23.00	1.119	-	-	-	-
			26865	831.5	22.69	23.00	1.074	-	-	-	-
			26965	841.5	22.71	23.00	1.069	0.15	0.245	0.262	-
	Rear	10	26765	821.5	22.51	23.00	1.119	-	-	-	-
			26865	831.5	22.69	23.00	1.074	-	-	-	-
			26965	841.5	22.71	23.00	1.069	-0.14	0.203	0.217	-
	Rear (With Belt clip)	0	26765	821.5	22.51	23.00	1.119	-	-	-	-
			26865	831.5	22.69	23.00	1.074	-	-	-	-
			26965	841.5	22.71	23.00	1.069	0.18	0.110	0.118	-

LTE Band 41											
Mode	Test Position	Test Distance(mm)	Frequency		Conducte d Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
			CH	MHz					(W/kg)	(W/kg)	
20M QPSK 1RB	Front	10	39750	2506.0	23.03	23.50	1.114	-0.19	0.210	0.234	30
			40620	2593.0	22.89	23.50	1.151	-	-	-	-
			41490	2680.0	22.62	23.50	1.225	-	-	-	-
	Rear	10	39750	2506.0	23.03	23.50	1.114	0.10	0.158	0.176	-
			40620	2593.0	22.89	23.50	1.151	-	-	-	-
			41490	2680.0	22.62	23.50	1.225	-	-	-	-
	Rear (With Belt clip)	0	39750	2506.0	23.03	23.50	1.114	-0.12	0.089	0.099	-
			40620	2593.0	22.89	23.50	1.151	-	-	-	-
			41490	2680.0	22.62	23.50	1.225	-	-	-	-
20M QPSK 50RB	Front	10	39750	2506.0	22.32	22.50	1.042	-0.05	0.201	0.209	-
			40620	2593.0	22.18	22.50	1.076	-	-	-	-
			41490	2680.0	21.92	22.50	1.143	-	-	-	-
	Rear	10	39750	2506.0	22.32	22.50	1.042	0.04	0.151	0.157	-
			40620	2593.0	22.18	22.50	1.076	-	-	-	-
			41490	2680.0	21.92	22.50	1.143	-	-	-	-
	Rear (With Belt clip)	0	39750	2506.0	22.32	22.50	1.042	0.13	0.087	0.091	-
			40620	2593.0	22.18	22.50	1.076	-	-	-	-
			41490	2680.0	21.92	22.50	1.143	-	-	-	-

LTE Band 66											
Mode	Test Position	Test Distance(mm)	Frequency		Conducte d Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
			CH	MHz					(W/kg)	(W/kg)	
20M QPSK 1RB	Front	10	132072	1720.0	23.00	23.50	1.122	-	-	-	-
			132322	1745.0	23.01	23.50	1.119	-0.07	0.278	0.311	-
			132572	1770.0	22.85	23.50	1.161	-	-	-	-
	Rear	10	132072	1720.0	23.00	23.50	1.122	-	-	-	-
			132322	1745.0	23.01	23.50	1.119	-0.12	0.290	0.325	31
			132572	1770.0	22.85	23.50	1.161	-	-	-	-
	Rear (With Belt clip)	0	132072	1720.0	23.00	23.50	1.122	-	-	-	-
			132322	1745.0	23.01	23.50	1.119	0.03	0.188	0.210	-
			132572	1770.0	22.85	23.50	1.161	-	-	-	-
20M QPSK 50RB	Front	10	132072	1720.0	22.29	22.50	1.050	-	-	-	-
			132322	1745.0	22.30	22.50	1.047	-0.05	0.253	0.265	-
			132572	1770.0	22.14	22.50	1.086	-	-	-	-
	Rear	10	132072	1720.0	22.29	22.50	1.050	-	-	-	-
			132322	1745.0	22.30	22.50	1.047	0.12	0.284	0.297	-
			132572	1770.0	22.14	22.50	1.086	-	-	-	-
	Rear (With Belt clip)	0	132072	1720.0	22.29	22.50	1.050	-	-	-	-
			132322	1745.0	22.30	22.50	1.047	-0.19	0.175	0.183	-
			132572	1770.0	22.14	22.50	1.086	-	-	-	-

LTE Band 71											
Mode	Test Position	Test Distance(mm)	Frequency		Conducte d Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
			CH	MHz					(W/kg)	(W/kg)	
20M QPSK 1RB	Front	10	133222	673.0	22.91	23.00	1.021	-	-	-	-
			133322	683.0	22.97	23.00	1.007	-0.06	0.116	0.117	32
			133372	688.0	22.89	23.00	1.026	-	-	-	-
	Rear	10	133222	673.0	22.91	23.00	1.021	-	-	-	-
			133322	683.0	22.97	23.00	1.007	-0.16	0.087	0.088	-
			133372	688.0	22.89	23.00	1.026	-	-	-	-
	Rear (With Belt clip)	0	133222	673.0	22.91	23.00	1.021	-	-	-	-
			133322	683.0	22.97	23.00	1.007	-0.12	0.056	0.056	-
			133372	688.0	22.89	23.00	1.026	-	-	-	-

20M QPSK 50RB	Front	10	133222	673.0	22.20	22.50	1.072	-	-	-	-
			133322	683.0	22.26	22.50	1.057	0.14	0.100	0.106	-
			133372	688.0	22.18	22.50	1.076	-	-	-	-
	Rear	10	133222	673.0	22.20	22.50	1.072	-	-	-	-
			133322	683.0	22.26	22.50	1.057	-0.13	0.082	0.087	-
			133372	688.0	22.18	22.50	1.076	-	-	-	-
	Rear (With Belt clip)	0	133222	673.0	22.20	22.50	1.072	-	-	-	-
			133322	683.0	22.26	22.50	1.057	0.13	0.043	0.045	-
			133372	688.0	22.18	22.50	1.076	-	-	-	-

WIFI 2.4G													
Mode	Test Position	Test Distance(mm)	Frequency		Conducte d Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Duty Cycle	Duty Cycle Factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
			CH	MHz							(W/kg)	(W/kg)	
802.11b	Front	10	1	2412.0	21.13	21.50	1.089	99.04%	1.010	-	-	-	-
			6	2437.0	21.23	21.50	1.064	99.04%	1.010	0.05	0.007	0.008	-
			11	2462.0	20.90	21.00	1.023	99.04%	1.010	-	-	-	-
	Rear	10	1	2412.0	21.13	21.50	1.089	99.04%	1.010	-	-	-	-
			6	2437.0	21.23	21.50	1.064	99.04%	1.010	-0.04	0.099	0.106	33
			11	2462.0	20.90	21.00	1.023	99.04%	1.010	-	-	-	-
	Rear (With Belt clip)	0	1	2412.0	21.13	21.50	1.089	99.04%	1.010	-	-	-	-
			6	2437.0	21.23	21.50	1.064	99.04%	1.010	0.18	0.040	0.043	-
			11	2462.0	20.90	21.00	1.023	99.04%	1.010	-	-	-	-

WIFI 5G U-NII-1													
Mode	Test Position	Test Distance(mm)	Frequency		Conducte d Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Duty Cycle	Duty Cycle Factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
			CH	MHz							(W/kg)	(W/kg)	
802.11a c (VHT40)	Front	10	38	5190.0	13.43	13.50	1.016	95.96%	1.042	-	-	-	-
			46	5230.0	15.57	16.00	1.104	95.96%	1.042	0.03	0.011	0.013	-
	Rear	10	38	5190.0	13.43	13.50	1.016	95.96%	1.042	-	-	-	-
			46	5230.0	15.57	16.00	1.104	95.96%	1.042	-0.01	0.401	0.461	34
	Rear (With Belt clip)	0	38	5190.0	13.43	13.50	1.016	95.96%	1.042	-	-	-	-
			46	5230.0	15.57	16.00	1.104	95.96%	1.042	-0.08	0.199	0.229	-

WIFI 5G U-NII-2A													
Mode	Test Position	Test Distance(mm)	Frequency		Conducte d Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Duty Cycle	Duty Cycle Factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
			CH	MHz							(W/kg)	(W/kg)	
802.11a c (VHT40)	Front	10	54	5270.0	15.91	16.00	1.021	95.96%	1.042	-0.13	0.023	0.024	-
			62	5310.0	14.92	15.00	1.019	95.96%	1.042	-	-	-	-
	Rear	10	54	5270.0	15.91	16.00	1.021	95.96%	1.042	-0.03	0.616	0.655	35
			62	5310.0	14.92	15.00	1.019	95.96%	1.042	-	-	-	-
	Rear (With Belt clip)	0	54	5270.0	15.91	16.00	1.021	95.96%	1.042	0.10	0.288	0.306	-
			62	5310.0	14.92	15.00	1.019	95.96%	1.042	-	-	-	-

WIFI 5G U-NII-2C													
Mode	Test Position	Test Distance(mm)	Frequency		Conducte d Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Duty Cycle	Duty Cycle Factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
			CH	MHz							(W/kg)	(W/kg)	
802.11ac (VHT40)	Front	10	102	5510.0	15.36	15.50	1.033	95.96%	1.042	-	-	-	-
			110	5550.0	15.63	16.00	1.089	95.96%	1.042	-	-	-	-
			142	5710.0	16.24	16.50	1.062	95.96%	1.042	-0.17	0.102	0.113	-
	Rear	10	102	5510.0	15.36	15.50	1.033	95.96%	1.042	0.07	0.887	0.955	-
			110	5550.0	15.63	16.00	1.089	95.96%	1.042	-0.11	0.825	0.936	-
			142	5710.0	16.24	16.50	1.062	95.96%	1.042	-0.04	0.901	0.997	36
	Rear (With Belt clip)	0	102	5510.0	15.36	15.50	1.033	95.96%	1.042	-	-	-	-
			110	5550.0	15.63	16.00	1.089	95.96%	1.042	-	-	-	-
			142	5710.0	16.24	16.50	1.062	95.96%	1.042	0.19	0.444	0.491	-

WIFI 5G U-NII-3													
Mode	Test Position	Test Distance(mm)	Frequency		Conducte d Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Duty Cycle	Duty Cycle Factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
			CH	MHz							(W/kg)	(W/kg)	
802.11a c (VHT40)	Front	10	151	5755.0	16.36	16.50	1.033	95.96%	1.042	0.19	0.098	0.105	-
			159	5795.0	16.21	16.50	1.069	95.96%	1.042	-	-	-	-
	Rear	10	151	5755.0	16.36	16.50	1.033	95.96%	1.042	-0.15	0.926	0.997	37
			159	5795.0	16.21	16.50	1.069	95.96%	1.042	0.15	0.873	0.972	-
	Rear (With Belt clip)	0	151	5755.0	16.36	16.50	1.033	95.96%	1.042	-0.14	0.435	0.468	-
			159	5795.0	16.21	16.50	1.069	95.96%	1.042	-	-	-	-

Bluetooth													
Mode	Test Position	Test Distance(mm)	Frequency		Conducte d Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Duty Cycle	Duty Cycle Factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
			CH	MHz							(W/kg)	(W/kg)	
8DPSK	Front	10	0	2402	8.36	8.50	1.033	77.07%	1.298	-	-	-	-
			39	2441	9.56	10.00	1.107	77.07%	1.298	-	-	-	-
			78	2480	10.04	10.50	1.112	77.07%	1.298	0.18	0.001	0.001	-
	Rear	10	0	2402	8.36	8.50	1.033	77.07%	1.298	-	-	-	-
			39	2441	9.56	10.00	1.107	77.07%	1.298	-	-	-	-
			78	2480	10.04	10.50	1.112	77.07%	1.298	-0.05	0.001	0.001	38
	Rear (With Belt clip)	0	0	2402	8.36	8.50	1.033	77.07%	1.298	-	-	-	-
			39	2441	9.56	10.00	1.107	77.07%	1.298	-	-	-	-
			78	2480	10.04	10.50	1.112	77.07%	1.298	0.05	0.001	0.001	-

Appendix C: Simultaneous Transmission analysis-Front of face

WWAN + WLAN 2.4G					
WWAN Band		Exposure Position	Max SAR (W/kg)		Summed SAR
			WWAN	WLAN 2.4G	(W/kg)
LTE	Band 2	Front	0.147	0.008	0.155
	Band 4	Front	0.130	0.008	0.138
	Band 5	Front	0.128	0.008	0.136
	Band 7	Front	0.120	0.008	0.128
	Band 12	Front	0.073	0.008	0.081
	Band 13	Front	0.123	0.008	0.131
	Band 14	Front	0.130	0.008	0.138
	Band 17	Front	0.097	0.008	0.105
	Band 25	Front	0.144	0.008	0.152
	Band 26	Front	0.125	0.008	0.133
	Band 41	Front	0.078	0.008	0.086
	Band 66	Front	0.141	0.008	0.149
	Band 71	Front	0.066	0.008	0.074

WWAN + WLAN 5G					
WWAN Band		Exposure Position	Max SAR (W/kg)		Summed SAR
			WWAN	WLAN 5G	(W/kg)
LTE	Band 2	Front	0.147	0.017	0.164
	Band 4	Front	0.130	0.017	0.147
	Band 5	Front	0.128	0.017	0.145
	Band 7	Front	0.120	0.017	0.137
	Band 12	Front	0.073	0.017	0.090
	Band 13	Front	0.123	0.017	0.140

LTE	Band 14	Front	0.130	0.017	0.147
	Band 17	Front	0.097	0.017	0.114
	Band 25	Front	0.144	0.017	0.161
	Band 26	Front	0.125	0.017	0.142
	Band 41	Front	0.078	0.017	0.095
	Band 66	Front	0.141	0.017	0.158
	Band 71	Front	0.066	0.017	0.083

WWAN + Bluetooth					
WWAN Band		Exposure Position	Max SAR (W/kg)		Summed SAR
			WWAN	Bluetooth	(W/kg)
LTE	Band 2	Front	0.147	0.001	0.148
	Band 4	Front	0.130	0.001	0.131
	Band 5	Front	0.128	0.001	0.129
	Band 7	Front	0.120	0.001	0.121
	Band 12	Front	0.073	0.001	0.074
	Band 13	Front	0.123	0.001	0.124
	Band 14	Front	0.130	0.001	0.131
	Band 17	Front	0.097	0.001	0.098
	Band 25	Front	0.144	0.001	0.145
	Band 26	Front	0.125	0.001	0.126
	Band 41	Front	0.078	0.001	0.079
	Band 66	Front	0.141	0.001	0.142
	Band 71	Front	0.066	0.001	0.067

Appendix C: Simultaneous Transmission analysis-Body-worn

WWAN + WLAN 2.4G					
WWAN Band		Exposure Position	Max SAR (W/kg)		Summed SAR (W/kg)
			WWAN	WLAN 2.4G	
LTE	Band 2	Front	0.296	0.008	0.304
		Rear	0.415	0.106	0.521
		Rear (With Belt clip)	0.187	0.043	0.230
	Band 4	Front	0.244	0.008	0.252
		Rear	0.256	0.106	0.362
		Rear (With Belt clip)	0.116	0.043	0.159
	Band 5	Front	0.280	0.008	0.288
		Rear	0.282	0.106	0.388
		Rear (With Belt clip)	0.130	0.043	0.173
	Band 7	Front	0.356	0.008	0.364
		Rear	0.480	0.106	0.586
		Rear (With Belt clip)	0.229	0.043	0.272
	Band 12	Front	0.125	0.008	0.133
		Rear	0.087	0.106	0.193
		Rear (With Belt clip)	0.021	0.043	0.064
	Band 13	Front	0.261	0.008	0.269
		Rear	0.239	0.106	0.345
		Rear (With Belt clip)	0.150	0.043	0.193
	Band 14	Front	0.282	0.008	0.290
		Rear	0.263	0.106	0.369
		Rear (With Belt clip)	0.112	0.043	0.155

LTE	Band 17	Front	0.171	0.008	0.179
		Rear	0.123	0.106	0.229
		Rear (With Belt clip)	0.080	0.043	0.123
	Band 25	Front	0.325	0.008	0.333
		Rear	0.425	0.106	0.531
		Rear (With Belt clip)	0.188	0.043	0.231
	Band 26	Front	0.268	0.008	0.276
		Rear	0.222	0.106	0.328
		Rear (With Belt clip)	0.118	0.043	0.161
	Band 41	Front	0.234	0.008	0.242
		Rear	0.176	0.106	0.282
		Rear (With Belt clip)	0.099	0.043	0.142
	Band 66	Front	0.311	0.008	0.319
		Rear	0.325	0.106	0.431
		Rear (With Belt clip)	0.210	0.043	0.253
	Band 71	Front	0.117	0.008	0.125
		Rear	0.088	0.106	0.194
		Rear (With Belt clip)	0.056	0.043	0.099

WWAN + WLAN 5G					
WWAN Band		Exposure Position	Max SAR (W/kg)		Summed SAR
			WWAN	WLAN 5G	(W/kg)
LTE	Band 2	Front	0.296	0.113	0.409
		Rear	0.415	0.997	1.412
		Rear (With Belt clip)	0.187	0.491	0.678
	Band 4	Front	0.244	0.113	0.357
		Rear	0.256	0.997	1.253
		Rear (With Belt clip)	0.116	0.491	0.607
	Band 5	Front	0.280	0.113	0.393
		Rear	0.282	0.997	1.279
		Rear (With Belt clip)	0.130	0.491	0.621
	Band 7	Front	0.356	0.113	0.469
		Rear	0.480	0.997	1.477
		Rear (With Belt clip)	0.229	0.491	0.720
	Band 12	Front	0.125	0.113	0.238
		Rear	0.087	0.997	1.084
		Rear (With Belt clip)	0.021	0.491	0.512
	Band 13	Front	0.261	0.113	0.374
		Rear	0.239	0.997	1.236
		Rear (With Belt clip)	0.150	0.491	0.641
	Band 14	Front	0.282	0.113	0.395
		Rear	0.263	0.997	1.260
		Rear (With Belt clip)	0.112	0.491	0.603

LTE	Band 17	Front	0.171	0.113	0.284
		Rear	0.123	0.997	1.120
		Rear (With Belt clip)	0.080	0.491	0.571
	Band 25	Front	0.325	0.113	0.438
		Rear	0.425	0.997	1.422
		Rear (With Belt clip)	0.188	0.491	0.679
	Band 26	Front	0.268	0.113	0.381
		Rear	0.222	0.997	1.219
		Rear (With Belt clip)	0.118	0.491	0.609
	Band 41	Front	0.234	0.113	0.347
		Rear	0.176	0.997	1.173
		Rear (With Belt clip)	0.099	0.491	0.590
	Band 66	Front	0.311	0.113	0.424
		Rear	0.325	0.997	1.322
		Rear (With Belt clip)	0.210	0.491	0.701
	Band 71	Front	0.117	0.113	0.230
		Rear	0.088	0.997	1.085
		Rear (With Belt clip)	0.056	0.491	0.547

WWAN + Bluetooth					
WWAN Band		Exposure Position	Max SAR (W/kg)		Summed SAR
			WWAN	Bluetooth	(W/kg)
LTE	Band 2	Front	0.296	0.001	0.297
		Rear	0.415	0.001	0.416
		Rear (With Belt clip)	0.187	0.001	0.188
	Band 4	Front	0.244	0.001	0.245
		Rear	0.256	0.001	0.257
		Rear (With Belt clip)	0.116	0.001	0.117
	Band 5	Front	0.280	0.001	0.281
		Rear	0.282	0.001	0.283
		Rear (With Belt clip)	0.130	0.001	0.131
	Band 7	Front	0.356	0.001	0.357
		Rear	0.480	0.001	0.481
		Rear (With Belt clip)	0.229	0.001	0.230
	Band 12	Front	0.125	0.001	0.126
		Rear	0.087	0.001	0.088
		Rear (With Belt clip)	0.021	0.001	0.022
	Band 13	Front	0.261	0.001	0.262
		Rear	0.239	0.001	0.240
		Rear (With Belt clip)	0.150	0.001	0.151
	Band 14	Front	0.282	0.001	0.283
		Rear	0.263	0.001	0.264
		Rear (With Belt clip)	0.112	0.001	0.113

LTE	Band 17	Front	0.171	0.001	0.172
		Rear	0.123	0.001	0.124
		Rear (With Belt clip)	0.080	0.001	0.081
	Band 25	Front	0.325	0.001	0.326
		Rear	0.425	0.001	0.426
		Rear (With Belt clip)	0.188	0.001	0.189
	Band 26	Front	0.268	0.001	0.269
		Rear	0.222	0.001	0.223
		Rear (With Belt clip)	0.118	0.001	0.119
	Band 41	Front	0.234	0.001	0.235
		Rear	0.176	0.001	0.177
		Rear (With Belt clip)	0.099	0.001	0.100
	Band 66	Front	0.311	0.001	0.312
		Rear	0.325	0.001	0.326
		Rear (With Belt clip)	0.210	0.001	0.211
	Band 71	Front	0.117	0.001	0.118
		Rear	0.088	0.001	0.089
		Rear (With Belt clip)	0.056	0.001	0.057

LTE Band 2 Front-of-face

Communication System: UID 0, Generic LTE-FDD (0); Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.386$ S/m; $\epsilon_r = 38.968$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.8°C; Liquid Temperature: 21.9°C;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(8.36, 8.36, 8.36) @ 1900 MHz; Calibrated: 2025/7/10
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1315; Calibrated: 2026/1/7
- Phantom: ELI V8.0 ; Type: QD OVA 004 AA ; Serial: 2078
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Front 25mm/CH19100/Area Scan (7x19x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.200 W/kg

Front 25mm/CH19100/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.201 V/m; Power Drift = -0.07 dB

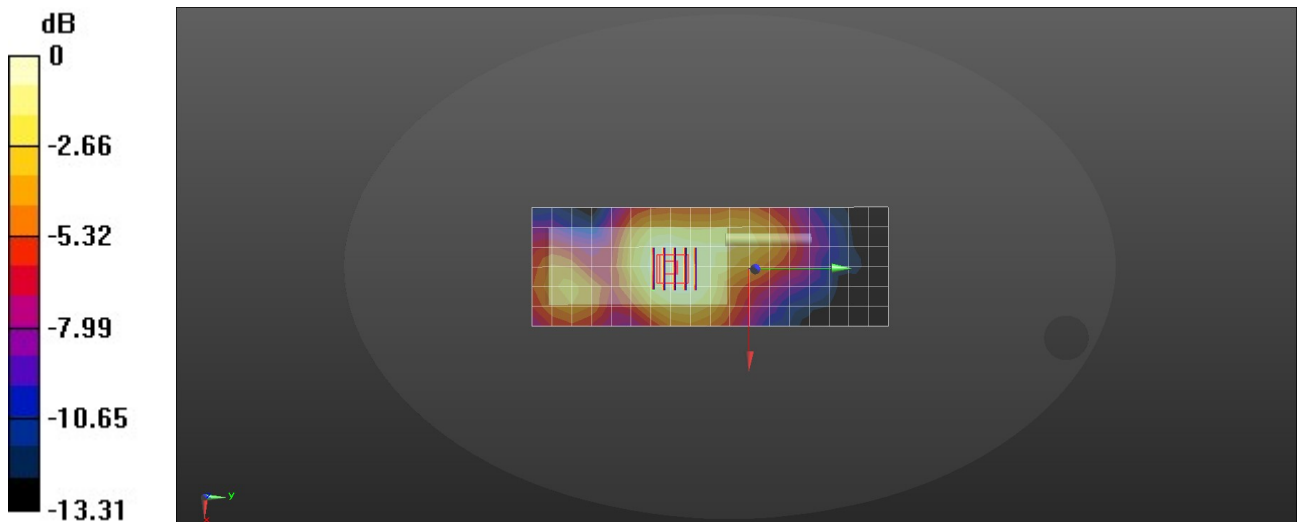
Peak SAR (extrapolated) = 0.236 W/kg

SAR(1 g) = 0.138 W/kg; SAR(10 g) = 0.089 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid (> 16 mm)

Ratio of SAR at M2 to SAR at M1 = 58%

Maximum value of SAR (measured) = 0.197 W/kg



0 dB = 0.197 W/kg = -7.06 dBW/kg

LTE Band 4 Front-of-face

Communication System: UID 0, Generic LTE-FDD (0); Frequency: 1720 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1720$ MHz; $\sigma = 1.375$ S/m; $\epsilon_r = 39.162$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.7°C; Liquid Temperature: 21.9°C;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(8.71, 8.71, 8.71) @ 1720 MHz; Calibrated: 2025/7/10
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1315; Calibrated: 2026/1/7
- Phantom: ELI V8.0 ; Type: QD OVA 004 AA ; Serial: 2078
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Front 25mm/CH20050/Area Scan (7x19x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.169 W/kg

Front 25mm/CH20050/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.226 V/m; Power Drift = -0.09 dB

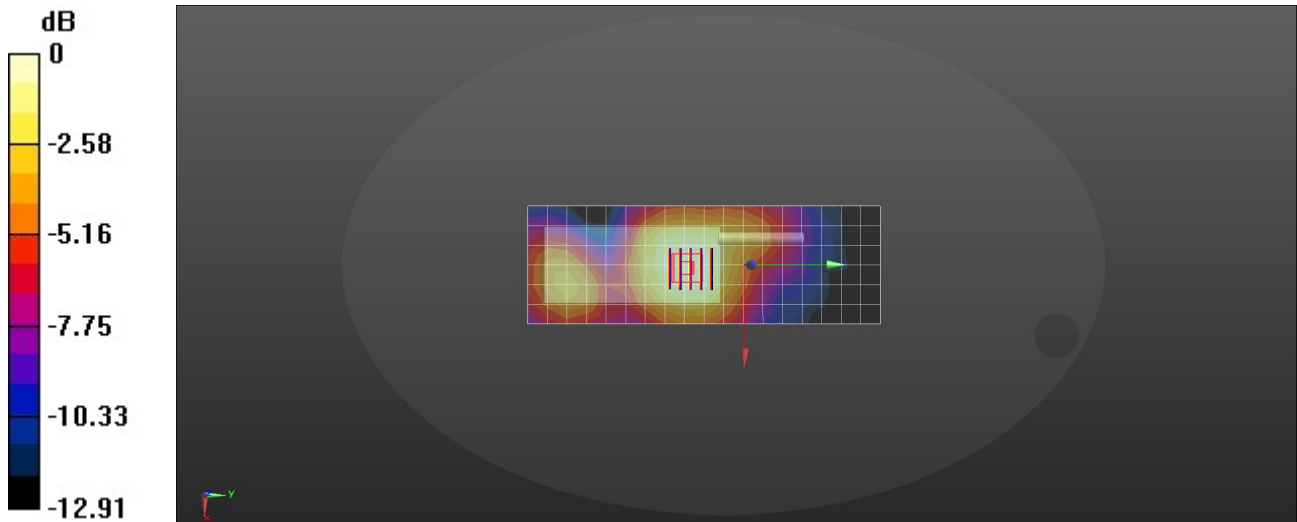
Peak SAR (extrapolated) = 0.200 W/kg

SAR(1 g) = 0.117 W/kg; SAR(10 g) = 0.077 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid (> 16 mm)

Ratio of SAR at M2 to SAR at M1 = 58.6%

Maximum value of SAR (measured) = 0.167 W/kg



0 dB = 0.167 W/kg = -7.77 dBW/kg

LTE Band 5 Front-of-face

Communication System: UID 0, Generic LTE-FDD (0); Frequency: 829 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 829 \text{ MHz}$; $\sigma = 0.891 \text{ S/m}$; $\epsilon_r = 40.685$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient Temperature: 22.5°C ; Liquid Temperature: 22.0°C ;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(10.2, 10.2, 10.2) @ 829 MHz; Calibrated: 2025/7/10
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1315; Calibrated: 2026/1/7
- Phantom: ELI V8.0 ; Type: QD OVA 004 AA ; Serial: 2078
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Front 25mm/CH20450/Area Scan (7x19x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.165 W/kg

Front 25mm/CH20450/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.043 V/m ; Power Drift = -0.18 dB

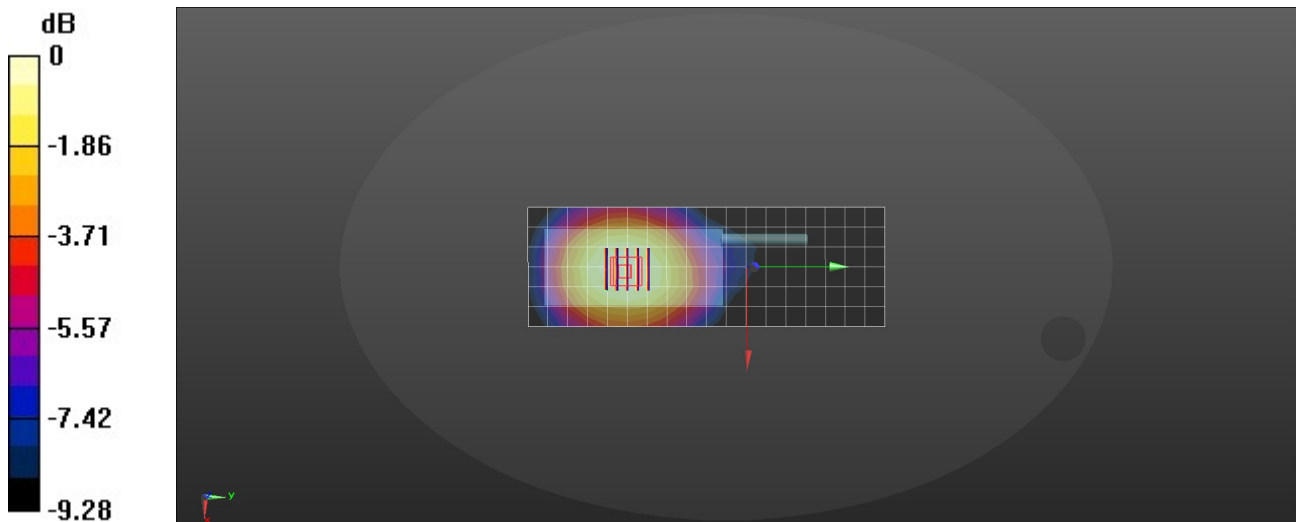
Peak SAR (extrapolated) = 0.195 W/kg

SAR(1 g) = 0.127 W/kg ; SAR(10 g) = 0.089 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid ($> 16 \text{ mm}$)

Ratio of SAR at M2 to SAR at M1 = 65.7%

Maximum value of SAR (measured) = 0.164 W/kg



0 dB = 0.164 W/kg = -7.85 dBW/kg

Test Laboratory: Huatongwei International Inspection Co., Ltd., SAR Lab

Date: 2026/4/29

LTE Band 7 Front-of-face

Communication System: UID 0, Generic LTE-FDD (0); Frequency: 2510 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2510$ MHz; $\sigma = 1.825$ S/m; $\epsilon_r = 38.571$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 23.4°C; Liquid Temperature: 22.2°C;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(7.66, 7.66, 7.66) @ 2510 MHz; Calibrated: 2025/7/10
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1315; Calibrated: 2026/1/7
- Phantom: ELI V8.0 ; Type: QD OVA 004 AA ; Serial: 2078
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Front 25mm/CH20850/Area Scan (8x23x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.168 W/kg

Front 25mm/CH20850/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.247 V/m; Power Drift = -0.16 dB

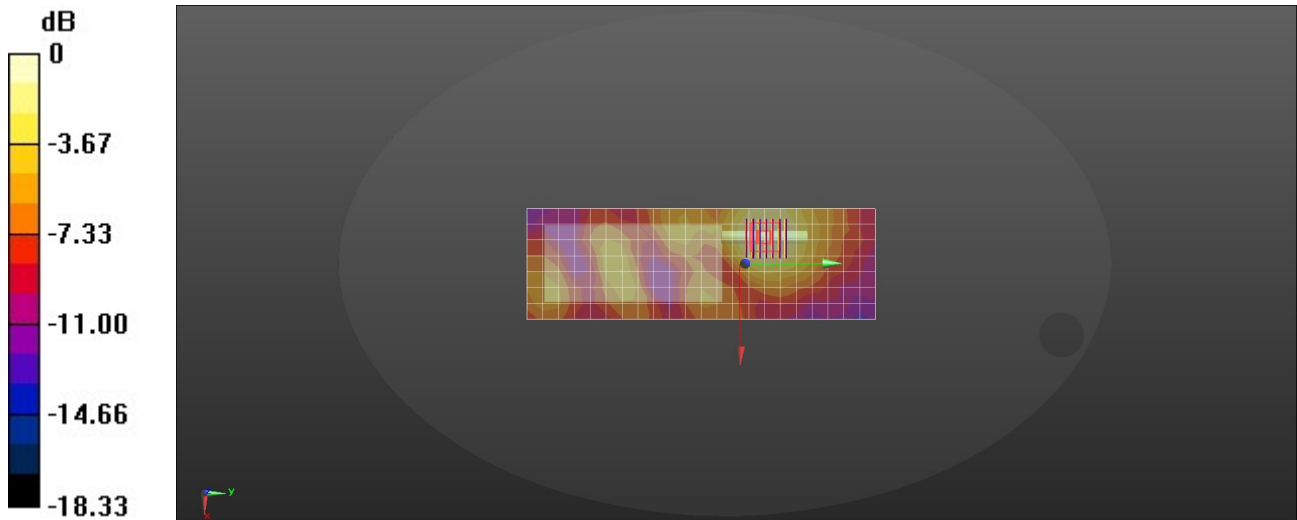
Peak SAR (extrapolated) = 0.210 W/kg

SAR(1 g) = 0.111 W/kg; SAR(10 g) = 0.061 W/kg

Smallest distance from peaks to all points 3 dB below = 21.3 mm

Ratio of SAR at M2 to SAR at M1 = 50.3%

Maximum value of SAR (measured) = 0.166 W/kg



0 dB = 0.166 W/kg = -7.80 dBW/kg

LTE Band 12 Front-of-face

Communication System: UID 0, Generic LTE-FDD (0); Frequency: 704 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 704 \text{ MHz}$; $\sigma = 0.908 \text{ S/m}$; $\epsilon_r = 41.003$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient Temperature: 23.4°C ; Liquid Temperature: 22.6°C ;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(10.55, 10.55, 10.55) @ 704 MHz; Calibrated: 2025/7/10
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1315; Calibrated: 2026/1/7
- Phantom: ELI V8.0 ; Type: QD OVA 004 AA ; Serial: 2078
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Front 25mm/CH23060/Area Scan (7x19x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.0998 W/kg

Front 25mm/CH23060/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.746 V/m ; Power Drift = -0.06 dB

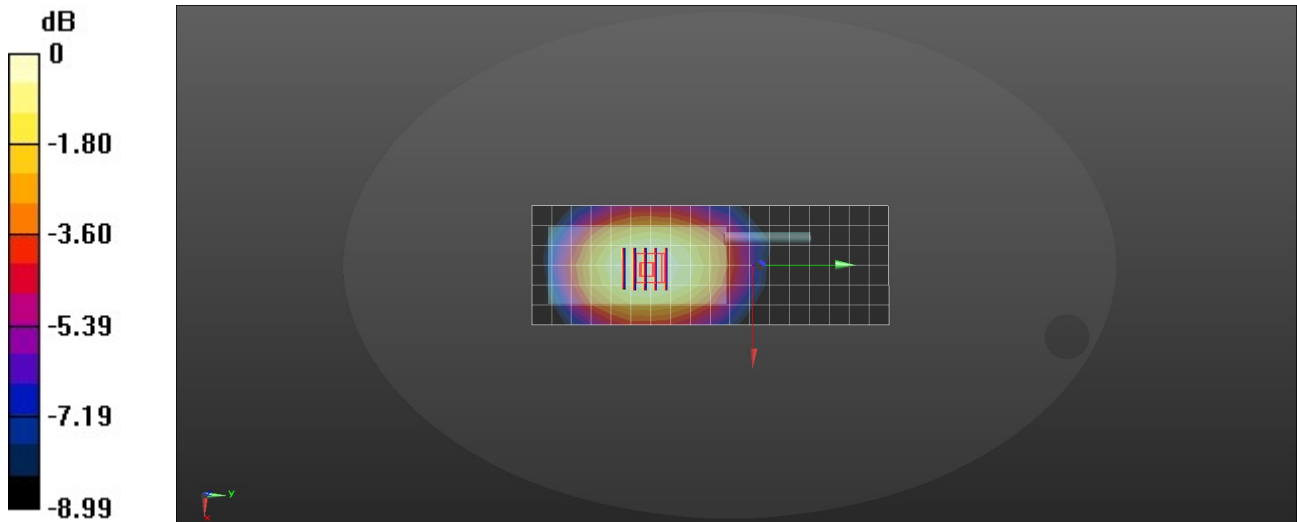
Peak SAR (extrapolated) = 0.115 W/kg

SAR(1 g) = 0.072 W/kg ; SAR(10 g) = 0.053 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid ($> 16 \text{ mm}$)

Ratio of SAR at M2 to SAR at M1 = 64.2%

Maximum value of SAR (measured) = 0.0983 W/kg



0 dB = 0.0983 W/kg = -10.07 dBW/kg

LTE Band 13 Front-of-face

Communication System: UID 0, Generic LTE-FDD (0); Frequency: 782 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.881 \text{ S/m}$; $\epsilon_r = 42.519$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient Temperature: 23.0°C ; Liquid Temperature: 22.0°C ;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(10.55, 10.55, 10.55) @ 782 MHz; Calibrated: 2025/7/10
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1315; Calibrated: 2026/1/7
- Phantom: ELI V8.0 ; Type: QD OVA 004 AA ; Serial: 2078
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Front 25mm/CH23230/Area Scan (7x19x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.148 W/kg

Front 25mm/CH23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.696 V/m ; Power Drift = -0.08 dB

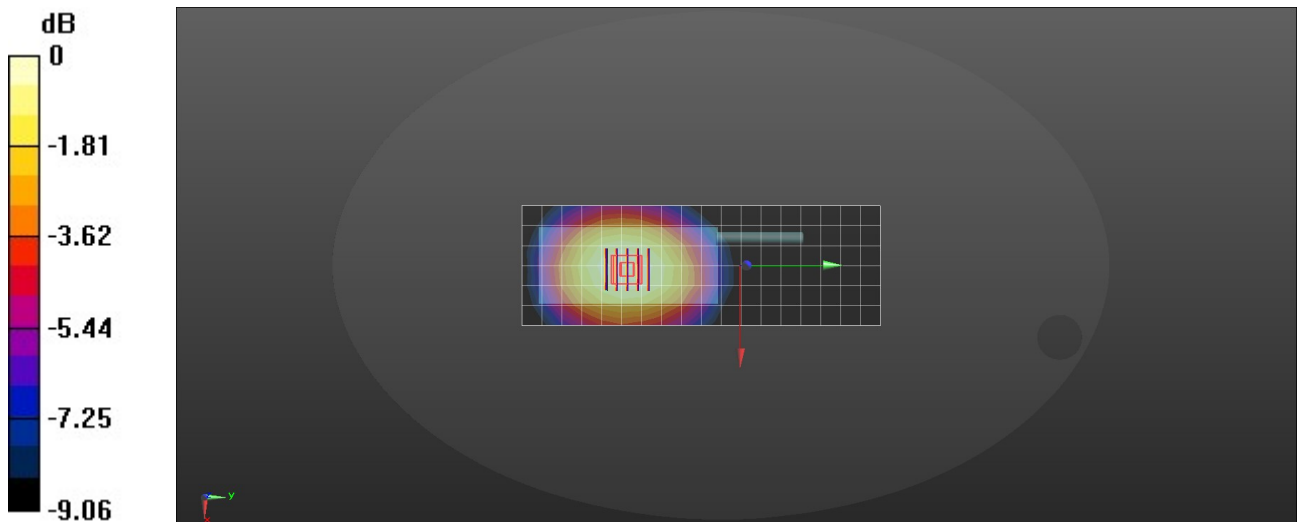
Peak SAR (extrapolated) = 0.170 W/kg

SAR(1 g) = 0.110 W/kg ; SAR(10 g) = 0.079 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid ($> 16 \text{ mm}$)

Ratio of SAR at M2 to SAR at M1 = 64.9%

Maximum value of SAR (measured) = 0.145 W/kg



0 dB = 0.145 W/kg = -8.39 dBW/kg

LTE Band 14 Front-of-face

Communication System: UID 0, Generic LTE-FDD (0); Frequency: 793 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 793 \text{ MHz}$; $\sigma = 0.885 \text{ S/m}$; $\epsilon_r = 42.475$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient Temperature: 23.0°C ; Liquid Temperature: 22.0°C ;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(10.55, 10.55, 10.55) @ 793 MHz; Calibrated: 2025/7/10
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1315; Calibrated: 2026/1/7
- Phantom: ELI V8.0 ; Type: QD OVA 004 AA ; Serial: 2078
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Front 25mm/CH23330/Area Scan (7x19x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.160 W/kg

Front 25mm/CH23330/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.781 V/m ; Power Drift = 0.09 dB

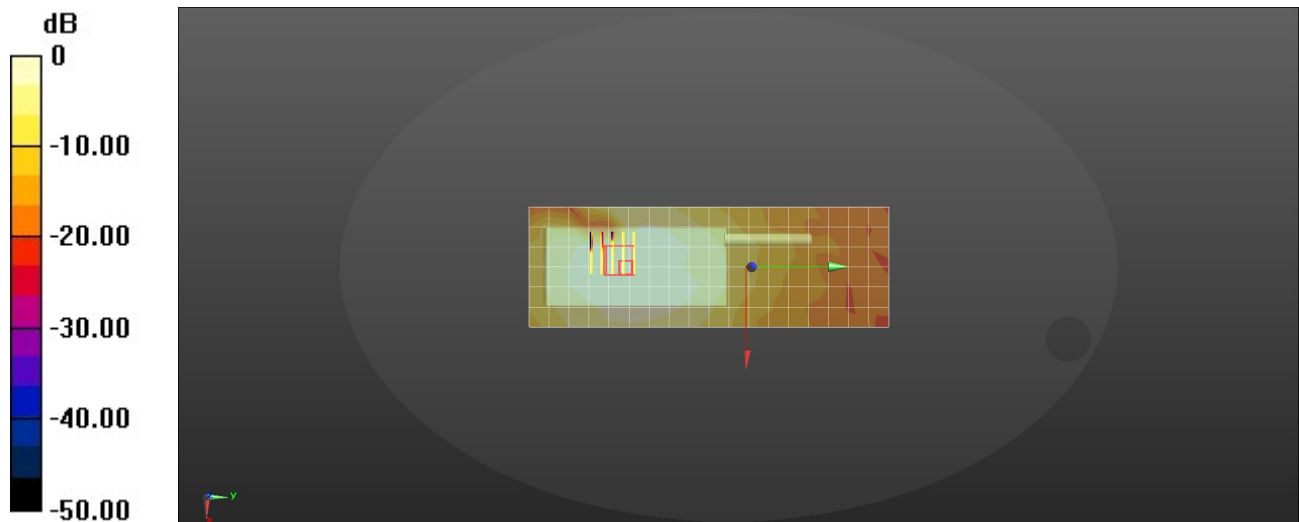
Peak SAR (extrapolated) = 0.191 W/kg

SAR(1 g) = 0.116 W/kg ; SAR(10 g) = 0.079 W/kg

Smallest distance from peaks to all points 3 dB below = 10.8 mm

Ratio of SAR at M2 to SAR at M1 = 64.7%

Maximum value of SAR (measured) = 0.153 W/kg



0 dB = 0.153 W/kg = -8.15 dBW/kg

LTE Band 17 Front-of-face

Communication System: UID 0, Generic LTE-FDD (0); Frequency: 709 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 709$ MHz; $\sigma = 0.911$ S/m; $\epsilon_r = 41.79$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 23.4°C; Liquid Temperature: 22.6°C;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(10.55, 10.55, 10.55) @ 709 MHz; Calibrated: 2025/7/10
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1315; Calibrated: 2026/1/7
- Phantom: ELI V8.0 ; Type: QD OVA 004 AA ; Serial: 2078
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Front 25mm/CH23780/Area Scan (7x19x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.131 W/kg

Front 25mm/CH23780/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.558 V/m; Power Drift = -0.13 dB

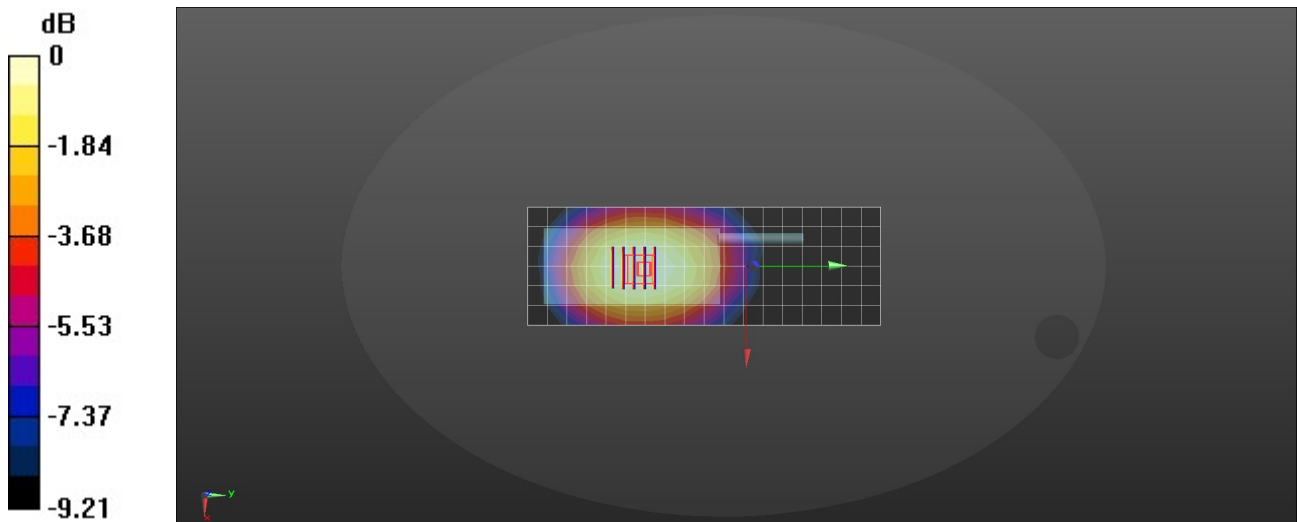
Peak SAR (extrapolated) = 0.152 W/kg

SAR(1 g) = 0.095 W/kg; SAR(10 g) = 0.071 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid (> 16 mm)

Ratio of SAR at M2 to SAR at M1 = 64%

Maximum value of SAR (measured) = 0.129 W/kg



0 dB = 0.129 W/kg = -8.89 dBW/kg